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ASSESSMENT REPORT

describing

GEOCHEMICAL SAMPLING, DIAMOND DRILLING AND RAB 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 9th to August 10th, 2015

prepared by

Archer, Cathro & Associates (1981) Limited

for

ATAC RESOURCES LTD.

by

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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 currently 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 2015 exploration program conducted along the Nadaleen Trend portion of the property between June 9th and August 10th, 2015. 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 4159 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
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
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
WH	1	61	YF41901	YF41961	28-Apr-26
Smac	1		YD07302		1-March-21
Smac	2		YD07303		1-March-21
Smac	3		YD07301		1-March-21

Expiry dates include 2015 work which has been filed and has 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 2015 was routed via Mayo to the Stewart airstrip 180 km northeast 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 mobilized the diamond and RAB drill to their respective drill sites.

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.

In 2014, ATAC conducted an exploration program that included diamond drilling at both the Osiris area and the Anubis area (Lane and Phillips, 2015). A total of 4,733 metres were drilled in 2014. In conjunction with diamond drilling, the Anubis area saw extensive trenching, auger drilling and surface mapping. This work extended known soil geochemical anomalies as well as aided in geologic understanding of the local units and structures in the area.

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 2016 the Yukon Geological Survey released a revised bedrock geology map for Yukon that built upon the previous compilations (Colpron, 2016).

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 distribution of lithologies and regional scale structures defined to date along the Nadaleen Trend 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, placed Precambrian slope and basinal sedimentary rocks over Paleozoic shelf carbonates during a Jurassic to Cretaceous compressional tectonic event. This fault is likely a much older structure, possibly dating back to Precambrian rifting, which was reactivated during a later compressional regime.

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 maps outlining the distribution of these units are 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 a polymetallic "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

- **ODr**: 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 2015. 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 but 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.

- **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-type gold mineralization. Carlin-type 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-type 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-type mineralizing 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-type 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 NADALEEN 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 108 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 west below the current tier of drill intersections at Osiris.	Carlin-Type Au
	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	Carlin-Type

			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.	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 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.	Carlin-Type Au & earlier (?) Ag, Pb
	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
	Orion	2015	300 metres northwest of the Anubis discovery outcrop. A 2015 RAB drill hole, ARB-15-026, targeting prospective siltstone unit in a zone of structural complexity, returned 47.24 m of 3.79 g/t Au, bottoming in 1.52 m of 2.56 g/t Au.	Carlin-Type Au

DIAMOND DRILLING

GENERAL

Diamond drilling was carried out at the Conrad zone between June 15th and July 7th 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 482.50 m of diamond drilling was completed in 1 hole.

The drill was set up on an earth filled log structure approximately 20 feet long by 20 feet wide. This pad type was prepared by hand by Archer Cathro employees. Following completion of the hole, the drill collar was marked with a piece of drill rod cemented into the hole and labeled with the basic drill hole information.

The drill collar location is plotted on Figure 14, and key data for the hole is listed in Table V. Geologic cross sections are presented in Figure 15. Sampling and analytical procedures, data verification and QAQC results are provided in Appendix III, while geological and sample logs are given in Appendix IV. Certificates of analysis from 2015 sampling are shown in Appendix V.

TABLE V: 2015 DIAMOND DRILL HOLE SPECIFICS

Zone	Hole	Easting	Northing	Elevation	Azimuth	Dip	Depth (m)	Core Size
Conrad	OS -15-231	630448	7112438	1375	172	-74	482.50	HQ-NQ

DIAMOND DRILLING RESULTS

Observations from the Conrad Zone drilled this year are described below. Significantly mineralized intervals from the hole are listed in Table VI.

TABLE VI: 2015 SIGNIFICANT DIAMOND DRILL INTERSECTIONS

Zone	Hole	From (m)	To (m)	Interval (m)	Au (g/t)
Conrad	OS-15-231	26.82	46.63	19.81	1.71
	incl.	38.49	43.59	5.10	4.69
	and	96.93	107.59	10.66	1.78
	and	227.99	240.44	12.45	2.52
	and	357.54	482.50	124.96	3.02
	incl.	360.58	369.72	9.14	6.71
	incl.	433.73	443.00	9.27	8.71

Conrad Zone Summary

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 three areas of significant mineralization known as the Upper, Middle and Lower Conrad Zones. 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 Middle and Lower Zones 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.

Drilling in 2015 focused on extending the known mineralization in the Lower Zone and to test the possibility of mineralization occurring between the Middle and Upper Zone. Due to difficult ground conditions, the hole had to be abandoned above the target depth; though it succeeded in proving continuity of mineralization along the contact between the C-SLC and C-LST1 packages.

RAB DRILLING

GENERAL

Rotary Air Blast (RAB) drilling was carried out at the Anubis Area between June 19th and August 1st by Superior Diamond Drilling Ltd. of Peachland, BC. The work was completed using a heli-portable, track mounted 'Grasshopper' drill manufactured by Multi Power Products Ltd. A total of 1289.24 m of RAB drilling was completed in 31 holes. Samples consisted of approximately five pounds of pulverized rock collected at five foot intervals. Care was taken to collect material throughout the entire five foot drilled interval. Samples were photographed, logged and entered into a RAB drill database.

As the RAB drill was mounted on tracks, it does not require perfectly level ground, so hand built drill setups were not required. In areas where topography did require some levelling, the drill was situated at previously constructed drill pads or along access trails. This minimized the surface disturbance of the area and allowed for quick drill moves between holes. Drill collars were marked with a flagged picket and labelled with the basic drill hole information including hole number, azimuth and dip.

The drill collar locations are plotted on Figure 16 and key data for the holes is listed in Table VII. Sampling and analytical procedures and data verification are provided in Appendix VI. Geological and sample logs are presented in Appendix VII. Certificates of analysis for the RAB samples sampling are shown in Appendix VIII.

TABLE VII: 2015 RAB DRILL HOLE SPECIFICS

Hole Name	Easting	Northing	Elevation (m)	Azimuth	Dip	Depth (m)
ARB-15-001	619419	7113114	1507	240	-90	21.34
ARB-15-002	619453	7113094	1492	45	-50	23.47
ARB-15-003	619430	7113068	1491	45	-50	27.43
ARB-15-004	619308	7112871	1513	210	-50	24.38
ARB-15-005	619274	7112835	1521	200	-50	31.39
ARB-15-006	619274	7112833	1517	20	-60	61.87
ARB-15-007	619304	7113260	1492	220	-70	19.81
ARB-15-008	618992	7113453	1415	220	-90	32
ARB-15-009	618991	7113450	1413	220	-50	13.72
ARB-15-010	618661	7113140	1362	120	-90	62.48
ARB-15-011	618615	7113159	1364	120	-90	62.48
ARB-15-012	618577	7113187	1372	270	-90	62.48
ARB-15-013	618538	7113220	1367	270	-90	24.38
ARB-15-014	618491	7113236	1363	0	-75	44.2
ARB-15-015	618454	7113245	1365	6	-67	62.48
ARB-15-016	618415	7113227	1346	0	-60	15.24
ARB-15-017	618377	7113307	1341	0	-80	62.48
ARB-15-018	618377	7113307	1341	315	-65	9.14
ARB-15-019	618376	7113307	1341	315	-65	62.48
ARB-15-020	618378	7113307	1341	122	-65	62.48
ARB-15-021	618661	7113194	1347	57	-90	61.57
ARB-15-022	618796	7113115	1338	180	-89	62.48
ARB-15-023	618796	7113115	1338	180	-65	19.81
ARB-15-024	618796	7113115	1338	270	-65	9.14
ARB-15-025	618796	7113115	1338	270	-65	62.48
ARB-15-026	618796	7113115	1338	0	-65	62.48
ARB-15-027	618828	7113077	1378	270	-88	62.48
ARB-15-028	618828	7113077	1378	270	-65	62.48
ARB-15-029	618828	7113077	1378	180	-65	44.2
ARB-15-030	618858	7113025	1418	315	-65	38.1
ARB-15-031	618858	7113025	1418	315	-90	18.29

RAB Drilling Results

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

TABLE VIII: 2015 SIGNIFICANT RAB DRILL INTERSECTIONS

Zone	Hole	From (m)	To (m)	Interval (m)	Au (g/t)
Ana	ARB-15-021	4.57	7.62	3.05	1.48
	incl.	6.1	7.62	1.52	2.32
Orion	ARB-15-022	44.20	48.77	4.57	2.86
	ARB-15-025	25.91	30.48	4.57	1.34
	and	32.00	33.53	1.53	1.20
	and	38.10	41.15	3.05	1.34
	ARB-15-026	15.24	62.48	**47.24**	**3.79**
	incl.	33.53	45.72	**12.19**	**5.95**
	ARB-15-027	35.05	41.15	6.10	1.52
	incl.	38.10	41.15	3.05	2.37
	ARB-15-028	32.00	33.53	1.53	1.59
	ARB-15-029	30.48	33.53	3.05	1.00

Corona

Four RAB holes were drilled at Corona totalling 92.05 m. Drilling targeted local gold-in-soil anomalies and other pathfinder element soil anomalies that occur along the projected surface trace of the Northern fault, a normal fault that juxtaposes the siltstone package to the south against the limestone package at Corona. The highest gold value returned was from hole ARB-15-003 which contained 0.2 g/t gold over 1.52 metres. Elevated arsenic values were also encountered, with a peak value of 26,500 ppm over 1.52 metres in hole ARB-15-007. Although the drilling at Corona did not confirm the source of the multi-element anomaly, valuable information on the local bedrock geology and structures was obtained.

Anubis

Three RAB holes totalling 117.64 m were drilled at Anubis. Drilling targeted the Anubis fault, along a previously trenched area located 300 m east of the Anubis discovery outcrop. In this locale, the Anubis fault juxtaposes one siltstone package against another, which makes it difficult to identify the fault contact in the rock chips. However, Hole ARB-15-005 returned 0.73 g/t gold over 1.52 m, which is speculated to be associated with the Anubis fault.

Hydra

Two RAB holes totalling 45.72 m were drilled off of one setup at Hydra where a grab sample from a hand pit from 2012 returned 0.88 g/t gold. The drill was set up on a steep slope on the footwall side of Northern Fault and was oriented to drill parallel to the fault to test the underlying carbonate package. Due to the heavily altered nature of the rocks at Hydra, the RAB drill encountered significant problems. Several instances of heavily "sanded" limestone prevented the build up of in-hole air pressure required to pump the pulverised rock chips to surface. While

neither of the holes reached their target depth, elevated gold values were encountered with a peak value returning 0.77 g/t gold over 1.52 metres in hole ARB-15-008.

Ana

12 RAB holes totalling 591.89 m were drilled at Ana, targeting the limestone assemblage in the footwall of the Anubis fault. In 2014, this area was trenched and yielded many anomalous samples, including 2.3 g/t gold over 4 metres. RAB drilling targeted these anomalous zones, and access to the area was provided by re-opening the previously reclaimed trench. The most significant interval from the 2015 drilling returned a value of 2.32 g/t gold over 1.52 metres in hole ARB-15-021. This hole was collared further north than all other holes, but still remained within footwall limestone, which suggests that the Anubis fault trace is further north than previously thought.

Orion

10 RAB holes totalling 441.94 m were drilled at Orion, targeting the Anubis fault and mapped structures that offset the Anubis fault. Hole ARB-15-026 was collared in the hanging wall siltstone and drilled sub parallel to the Anubis fault. The hole intersected 3.79 g/t gold over 47.24 metres. This was the only hole drilled in this orientation, as the drill encountered mechanical issues before similarly oriented holes on other pads could be completed. Holes that were drilled in a southerly orientation intersected the Anubis fault at shallow depths, but mainly tested the footwall limestone. These holes returned encouraging results, including 2.2 g/t gold over 6.1 metres in hole ARB-15-022.

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 new gold zones.

Diamond drilling in 2015 confirmed the continuity of mineralization at Conrad along the C-SLC and C-LST1 contact and provided additional geologic knowledge of the orientation of the contact. Due to difficulties progressing the hole, it was abandoned approximately 170 m short of the Lower Zone. Further diamond drilling at the Conrad Zone and all other gold targets in the Osiris area is warranted to extend known mineralized zones and test for other mineralized structures.

RAB drilling in 2015 proved that the drill is an effective tool to test for subsurface mineralization at the Anubis area. RAB drilling at Orion and Anubis should be conducted on a high priority basis, with focus directed to testing the siltstone unit on the hanging wall side of the Anubis

fault. If a consistent orientation of the mineralized zone is defined, RAB drilling should be followed up with diamond drilling.

It is likely that undiscovered gold occurrences within the Nadaleen Trend occur at depth and may have relatively subdued surface signatures. Further surface 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 and deposition.

Respectfully submitted,

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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 10, 2016

Contract Diamond Drilling (including management)

Superior Diamond Drilling Inc.	$168,393.74
1 drill hole - OS-15-231	
ALS Chemex	11,808.47
	$180,202.21

OS-15-231 drilled on Sten 24

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 11, 2016

Labour

C. Beck (field assistant) 27 days June to August 3 at $592/day	$16,783.20
L. Flavelle (geologist) 19 days June to August 3 at $592/day	11,810.40
R. Thomas (geologist) 6 days June to August 3 at $440/day	2,772.00
A. Tuzlak (field assistant) 15 days June to August 3 at $392/day	6,174.00
K. Wilms (field assistant) 7 days June to August 3 at $392/day	2,881.20
J. Dagostin (cook) 13 days June to August 3 at $680/day	9,282.00
B. Hunt (cook) 21 days June to August 3 at $680/day	14,994.00
A. Hughes (cook) 27 days June to August 3 at $592/day	16,783.20
A. Hughes (bullcook) 33 days June to August 3 at $424/day	14,691.60
	96,171.60
Expenses (including management)	
Field room and board – 676 field days including contractors at $180/day	137,498.40
Total	$233,670.00

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 10, 2016

Labour

C. Beck (field assistant) – 54 days June to August 3 at $592/day – 50%	$ 16,783.20
	16,783.20

Expenses (including management fee)

Field room and board – 27 mandays @ $180/manday	5,491.80
Horizon Helicopters – 32.1 hrs. AStar 330 at $1,525/hr - 50%	27,658.17
5,778 litres Jet A at $3.52/l landed cost – 50%	11,491.28
Alkan Air	28,895.18
15317 Yukon	40,524.63
Rental loader, tractor, roller/scraper June to August	16,385.00
	130,446.06
	$147,229.26

715 claims - $205.92/claim

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 10, 2016

Contract Rab Drilling (including management)

Superior Diamond Drilling Inc.	$172,689.43
ALS Chemex	38,092.06
	$210,781.49

APPENDIX III

DIAMOND DRILLING - SAMPLING METHODS, ANALYSIS, DATA VERIFICATION AND QA/QC RESULTS

2015 Drill Core Sampling Methods, Sample Analysis, Data Verification and QA/QC Results

Geotechnical and geological logging was performed on all drill core from the 2015 program. 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 2015, 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 2015, batches comprised 30 core samples).
9) One quarter-split duplicate sample was included in every batch of 31 core samples (in 2012 to 2015, batches comprised 30 core samples).
10) In 2012 and 2015, 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 2015 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 2015, 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 2015 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

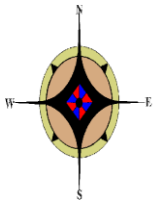
from the 2012 core samples for use during the 2012 through 2014 drill programs. Standards were assigned a unique sample number within the sample sequence.

The consensus and two standard deviation values for each of the standard samples used during the 2015 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 6 batches analyzed in 2015, all passed the QA/QC program.



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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

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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:

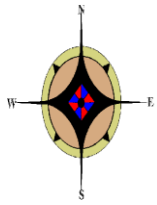
ALS Chemex, Vancouver
Acme, Vancouver
TSL, Saskatoon
Actlabs, Ancaster
Actlabs, Thunder Bay
SGS, Vancouver

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



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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:

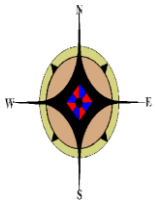
ALS Chemex, Vancouver
Acme, Vancouver
TSL, Saskatoon
Actlabs, Ancaster
Actlabs, Thunder Bay
SGS, Vancouver

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



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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 IV

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)
		630449	7112438	1375.84	482.5

ZONE: Conrad

SECTION: C450E

HOLE: OS -15-231

CLAIM: Sten 24

Contractor: Superior

Drill: 6

Core Size: HQ-NQ

Casing Depth: 7.28m,

Drilling Dates: Jun 19 -

Geology Logged By: R. Phillips

SURVEY			
Depth (m)	Azimuth	Dip	Method
52.73	287	-72.3	Reflex
479.45	177.3	-72.7	Reflex

TARGET: Upper and middle zones for possible Met work and ste

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	7.28	7.28	OVB
7.28	14.98	7.7	LST
14.98	51.41	36.43	SLC
51.41	75.5	24.09	LST
75.5	82.57	7.07	SLT
82.57	286.78	204.21	LST
286.78	291.34	4.56	SLT
291.34	299.93	8.59	LST
299.93	311.92	11.99	SLT
311.92	323.88	11.96	LST
323.88	326.11	2.23	SLT
326.11	327.88	1.77	LST
327.88	333.55	5.67	SLT
333.55	336.04	2.49	LST
336.04	340.4	4.36	SLT
340.4	342.47	2.07	LST

SAMPLES	
Numbers:	S036001 to S036207
Total:	207
Batch:	001, 002, 003, 004, 005, 006
Certificates:	WH15091388, WH15093529, WH15094745, WH15094747, WH15095358

COMMENTS

Hole was unfortunately abandoned at 482.50 due to severe issues and stuck rods down hole. Two HQ rods have broken off and remain down hole near the bottom.

342.47	403	60.53	SLT
403	441.9	38.9	LST
441.9	443	1.1	INT
443	445.15	2.15	LST
445.15	445.26	0.11	INT
445.26	458.33	13.07	LST
458.33	482.5	24.17	SLT

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	7.28	7.28	OVB	--	-							
						--	--	---	---	--	--	0
7.28	14.98	7.70	LST	MG	Oxidizd Conrad Limestone. Rubbly, with zone from 8.53-14.42 being dark brown muddy rubble (possible still OVB? 7.28 to 8.53 is competent but may be a boulder). No visible aresenic sulhpides but some dark sooty styolites							
						MD	GY	RB	OXI	3I	--	0
14.98	20.55	5.57	SLC	MG	Rubbly C-SLC and C-LST1, with some calcite veining and flooding. Very folded/fractured, with traces ASO. Small zones of completely altered C-LST1 (decarb? Or just sheared SLC). Skipping in and out of S-SLC/C-LST1 contact							
						DK	GY	RB	ASO	1I	--	0
20.55	38.49	17.94	SLT	MG	SLT with small intermittent zones of C-LST1 (<5cm, 2%). Small gougey zones with trace ASO and calcite veining. Very rubbly and fractured							
						DK	GY	RB	ASO	1I	--	0
38.49	51.41	12.92	SLC	CG	Starry night SLC with trace realgar, weak mzn. Some dark black banding, possible dca beds? Unit is weakly calcareous. Realgar on fractures and Calcite veins. Some beds/zones have turbiditic flow textues.							
						DK	GY	---	---	--	Re	0.1
51.41	75.50	24.09	LST	MG	Predomintley C-LST1, but still has intervals of C-SLC (10%). Dark sooty styolites. Calcite veining throughout, but not heavy (1-2%). Lots of deformation, folding, and vein offsets							
						MD	GY	BD	---	--	Re	0.01
75.50	82.57	7.07	SLT	FG	Mostly SLC-SLT, bedding at very low angle, and still following along contact (10%LST).							
						DK	GY	BD	---	--	--	0
82.57	110.64	28.07	LST	MG	Less rubbly and deformed from previous interval. Realgar occurs in some Ca veinlets. A fair amount of calcite veining occurs much of which is very coarse grained.							
						MD	GY	MA	---	--	Re	0.01

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
110.64	130.45	19.81	LST	MG	Competent limestone with decreased calcite veining from previous interval. The limestone in general is fairly barren in appearance, with little deformation of stylolites. No realgar.							
						MD	GY	MA	---	--	--	0
130.45	163.98	33.53	LST	MG	Increase in calcite veining to (10-20%) and trace realgaron some fractures ad calcite veins. Abundant sooty sulphides occur. Coarse grained realgar crystals are common between 140.30-140.35m							
						MD	GY	MA	---	--	Re	0.1
163.98	180.08	16.10	LST	FG	Increase in concentration of calcite veining becoming intense swarm typically perpendicular to bedding which runs shallow TCA. Bedding is subtle and not common but where it does occur it is stylolitic and defined by clack silty material / residue. Realgar only occurs at one place associated with a 20 cm thick calcite vein.							
						MD	GY	MA	---	--	Re	0.01
180.08	188.00	7.92	LST	MG	Decrease in the concentration of calcite veining. Increase in silty/shaley black interbeds up to 10 cm thick defining a bedded texture. Thing shaley interbeds are less stylolitic. Calcite veinin still occurs ~ perpendicular to bedding with some lower density veining parallel to it.							
						MD	GY	BD	---	--	--	0
188.00	219.15	31.15	LST	FG	Slight increase in concentration of calcite veining - associated with increased presence of realgar - occurring within calcite. Silty interbeds are typically planar (non-stylolitic). A thick massive Ca vein occurs at 1092.20-195.90 with thick realgar at top and bottom (3-10 cm thick)							
						MD	GY	BD	---	--	Re	0.1
219.15	232.00	12.85	LST	MG	Core is becoming very broken and rubbly associated with rotted and pitted black shaley interbeds. Clacite veins are thicker and more irregular in nature and show open space fill textures with vugs in the ventre of some of the wider veins. Trace realgar occurs in some of the more rotted black seams.							
						MD	GY	RB	---	--	Re	0.01

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
232.00	240.44	8.44	LST	FG	Massive to thickly bedded limestone with low density of calcite veinlets most commonly perpendicular TCA which atr 0.5cm thick. Interbeds where they occur are planar and not stylolitic.							
						MD	GY	BD	---	--	--	0
240.44	263.04	22.60	LST	FG	Increase in the concentration, irraticness and width of calcite veins. Many veins are coarse grained and commonly vuggy suggesting open space filling.							
						MD	GY	BD	---	--	--	0
263.04	286.78	23.74	LST	FG	Calcite vein density is still high but isolated irregular intervals 10-20 cm thick of semi-massive mineralization with associated disseminated and patchy realgar within. These isolated mineralized zones cut bedding - do not necessarily follow it. The lower portion of the unit becomes increasingly folded and silty.							
						MD	GY	BD	---	--	Re	0.1
286.78	291.34	4.56	SLT	FG	Sharp sheared contact info black siltstone. Thinly bedded but bedding is very subtle. Note! the siltstone contains calcite veinlets throughout. They are much thinner than those in the limestone e - but they still exist in a non carbonate rock. Trace realgar occurs disseminated within the siltstone but is mainly associated with calcite.							
						DK	BK	BD	---	--	Re	0.01
291.34	299.93	8.59	LST	FG	Sharp contact into LST at 30 deg TCA. The first 1.5m is typical medium grey limestone then it becomes progressively more dark grey to black in colour but still fizzes significantly with HCL. Calcite vein density in this darker zone is very low. Core is very competent and moderately silicified.							
						DK	GY	BD	SIL	3I	--	0
299.93	311.92	11.99	SLT	FG	Sharp transition back into black siltstone with decreasing concentration of calcite veinlets which are now hairline and infilled with rare 1 cm calcite veinlets also occur with minor realgar. Becoming slightly more limey at lower contact over 1m.							
						DK	BK	BD	---	--	Re	0.01

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
311.92	323.88	11.96	LST	FG	Very dark grey silty limestone well bedded at 1-10 cm interbed size. Siltier intervals are more pyritic with very fine grained disseminated brassy pyrite. Calcite vein concentration low to start but increasing in concentration at 318 m associated with disruption of bedding. No significant realgar occurs.							
						DK	GY	BD	---	--	Py	0.01
323.88	326.11	2.23	SLT	FG	Bedded siltstone with thin interbeds of limestone. Pyrite concentration has increases particularly in the siltier areas. Shearing is quite strong at 45 deg TCA. Minor calcite vein density.							
						DK	GN	SN				
						DK	GY	BD	---	--	Py	0.1
326.11	327.88	1.77	LST	FG	crackle brecciated and sheared limestone with 10 cm massive mineralzied zone at 327 m.							
											Re	1
327.88	333.55	5.67	SLT	FG	Transition into predominately siltstone but still with limestone interbeds, 70% siltstone, 30% limestone. Where the limestone occurs it is very silty. The unit is generally not strained with bedding very regular. Realgar occurs infilling a fine crackle network particularly within 2 m of the lower contact.							
						MD	GY	BD	---	--	Re	0.1
333.55	336.04	2.49	LST	FG	Irregularly folded bedded limestone with concentration of discontinuous veinlets dominantly at 70deg TCA.							
						MD	GY	BD	---	--	--	0
336.04	340.40	4.36	SLT	FG	Very finely bedded pyritic siltstone with very rare calcite veinlets cutting at dominantly 70 deg TCA. The lower contact is sheared.							
						DK	GY	BD	---	--	Py	0.1
340.40	342.47	2.07	LST	FG	Transition into an interval of dominantly limestone. Silty intersection within have fine crackle texture infilled by calcite and realgar. This area shows nice ductile deformation of shale and brittle deformation f the LST infilled by discontinuous calcite veinlets.							
						MD	GY	BD	---	--	Re	0.1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
342.47	353.00	10.53	SLT	FG	Transition into dominantly siltstone - black in colour with a moderate concentration of very finely disseminated brassy pyrite throughout. The pyrite helps to define bedding which in many locations shows a moderate - strong strain texture.							
						DK	BK	BD	---	--	Py	0.1
								SH			Re	0.01
353.00	403.00	50.00	SLT	FG	Quartz grit conglomerate 80% with narrow intervals of bedded pyritic siltstone. The conglomerate intervals are mineralized with realgar disseminated but primary in thin crackle textures - associated with quartz-calcite veinlets. Bedding where it occurs is at ~ 30 deg TCA. Realgar mineralization particularly occurs between 359-361 m; 365-368 m; 380-387 m.							
						DK	BK	MA	---	--	Re	0.1
403.00	439.50	36.50	LST	FG	interbedded contact into limestone. The limestone is bedded on the cm-scale dfined by lighter and darker bands. A trace-fair concentration of relgar occurs assocaited with the calcite veinlets as well as disseminated within the core in a few instances at 406.50-407 m.							
						MD	GY	BD	---	--	Re	0.01
439.50	441.90	2.40	LST	FG	Moderate to strong of decalcificatioin and mineralization of the limestone.							
						MD	GY	BD	DCA	4I		
441.90	443.00	1.10	INT	MG	sharp contact into intrucive at 80 deg TCA. The intrusive is cut by quartz-calcite veinlets. The lower contact is more irregular at 45 deg TCA.							
						MD	GY	---	SER	3I	--	0
						LT	GN					
443.00	445.15	2.15	LST	FG	Variably silicified limestone.							
						DK	GY	BD	SIL	3I	--	0
445.15	445.26	0.11	INT	MG	Strongly sericite altered intrusive dyke cutting the core at 80 deg TCA at both the upper and lower contact.							
						MD	BG	---	SER	3I	--	0
445.26	453.00	7.74	LST	FG	dark grey bedded limestone.							
						DK	GY	BD	---	--	Re	0.1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
453.00	458.33	5.33	LST	FG	increase in the concentration of mineralization with fine disseminated realgar throughout the core.							
						DK	GY	BD	DCA	2I	Re	0.2
458.33	482.50	24.17	SLT	FG	Very strongly altered contatct into pyritic bedded siltstone. Strong argillic alteration for up to 7 m after contact, but not uniformly altered							
						DK	GY	BD	ARG	3I	Re	0.01
											Py	0.2

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From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	7.28	7.28	OVB	--	-							
						--	--	---	---	--	--	0
7.28	14.98	7.70	LST	MG	Rubble, oxidized C-LST1.							
						MD	GY	RB	OXI	3I	--	0
14.98	51.41	36.43	SLC	MG	Skipping along C-SLC/C-LST1 contact, but this interval is predominately rubbly SLC.							
						DK	GY	RB	ASO	1I	--	0
									DCA	2I		
51.41	75.50	24.09	LST	MG	Predomintley C-LST1, but still has intervals of C-SLC (10%). Dark sooty styolites. Calcite veining throughout, but not heavy (1-2%). Lots of deformation, folding, and vein offsets							
						MD	GY	MA	---	--	Re	0.01
75.50	82.57	7.07	SLT	FG	Predominately SLC, pyritic fg SLT							
						DK	GY	BD	---	--	--	0
82.57	286.78	204.21	LST	MG	C-LST1, less rubbly and deformed than previous intervals. Realgar in some calcite veins, some calcite flooding with coarse calcite in some cases vuggy suggesting very much open space filling.							
						MD	GY	MA	---	--	Re	0.01
286.78	291.34	4.56	SLT	FG	Sharp sheared contact info black siltstone. Thinly bedded but bedding is very subtle. Note! the siltstone contains calcite veinlets throughout. They are much thinner than those in the limestone e - but they still exist in a non carbonate rock. Trace realgar occurs disseminated within the siltstone but is mainly associated with calcite.							
						DK	BK	BD	---	--	Re	0.01
291.34	299.93	8.59	LST	FG	Sharp contact into LST at 30 deg TCA. The first 1.5m is typical medium grey limestone then it becomes progressively more dark grey to black in colour but still fizzes significantly with HCL. Calcite vein density in this darker zone is very low. Core is very competent and moderately silicified.							
						DK	BK	BD	SIL	3I	--	0

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
299.93	311.92	11.99	SLT	FG	Sharp transition back into black siltstone with decreasing concentration of calcite veinlets which are now hairline and infilled with rare 1 cm calcite veinlets also occur with minor realgar. Becoming slightly more limey at lower contact over 1m.							
						DK	BK	BD	---	--	Re	0.01
311.92	323.88	11.96	LST	FG	Very dark grey silty limestone well bedded at 1-10 cm interbed size. Siltier intervals are more pyritic with very fine grained disseminated brassy pyrite. Calcite vein concentration low to start but increasing in concentration at 318 m associated with disruption of bedding. No significant realgar occurs.							
						DK	GY	BD	---	--	Py	0.01
323.88	326.11	2.23	SLT	FG	Bedded siltstone with thin interbeds of limestone. Pyrite concentration has increases particularly in the siltier areas. Shearing is quite strong at 45 deg TCA. Minor calcite vein density.							
						DK	GN	SN				
						DK	GY	BD	---	--	Py	0.1
326.11	327.88	1.77	LST	FG	Crackle brecciated and sheared limestone with 10 cm massive mineralized zone @ 327 m.							
						MD	GY	SN	---	--	Re	1
327.88	333.55	5.67	SLT	FG	Transition into predominately siltstone but still with limestone interbeds, 70% siltstone, 30% limestone. Where the limestone occurs it is very silty. The unit is generally not strained with bedding very regular. Realgar occurs infilling a fine crackle network particularly within 2 m of the lower contact.							
						MD	GY	BD	---	--	Re	0.1
333.55	336.04	2.49	LST	FG	Irregularly folded bedded limestone with concentration of discontinuous veinlets dominantly at 70deg TCA.							
						MD	GY	BD	---	--	--	0
336.04	340.40	4.36	SLT	FG	Very finely bedded pyritic siltstone with very rare calcite veinlets cutting at dominantly 70 deg TC>. The lower contact is sheared.							
						DK	GY	BD	---	--	Py	0.1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
340.40	342.47	2.07	LST	FG	Transition into an interval of dominantly limestone. Silty intersection within have fine crackle texture infilled by calcite and realgar. This area shows nice ductile deformation of shale and brittle deformation f the LST infilled by discontinuous calcite veinlets.							
						MD	GY	BD	---	--	Re	0.1
342.47	403.00	60.53	SLT	FG	Transition into dominantly siltstone - black in colour with a moderate concentration of very finely disseminated brassy pyrite throughout. Lower in the interval the siltstone transitions into a quartz grit conglomerate with narrow intervals of pyritic siltstone.							
						DK	BK	BD	---	--	Py	0.1
								SH			Re	0.01
403.00	441.90	38.90	LST	FG	Interbedded contact into limestone over 1m or so. The limestone is bedded on the cm-sclae - defined by lighter and darker bands. A trace to fair concentration of realgar occurs associated with the calcite veinlets as well as disseminated within the core in a few instances at 406.50-407 m.							
						MD	GY	BD	---	--	Re	0.01
441.90	443.00	1.10	INT	MG	sharp contact into intrucive at 80 deg TCA. The intrusive is cut by quartz-calcite veinlets. The lower contact is more irregular at 45 deg TCA.							
						MD	GY	---	SER	2I	--	0
						LT	GN		ARG	3I		
443.00	445.15	2.15	LST	FG	Variably silicified limestone.							
						DK	GY	---	SIL	3I	--	0
445.15	445.26	0.11	INT	MG	Strongly sericite altered intrusive dyke cutting the core at 80 deg TCA at both the upper and lower contact.							
						MD	BG	---	SER	5I	--	0
445.26	458.33	13.07	LST	FG	Dark grey bedded minerston with an increase in concentration of mineralization with fine disseminated realgar throughout the core.							
						DK	GY	BD	DCA	2I	Re	0.15
458.33	482.50	24.17	SLT	FG	Very strongly altered contatct into pyritic bedded siltstone. Strong argillic alteration for up to 7 m after contact, but not uniformly altered							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
											Py	0.2
						DK	GY	BD	ARG	3I	Re	0.01

OS -15-231

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	7.28	7.28	0	0	0.00	0	0R	--	--	Overburden - no recovery
7.28	8.53	1.25	1.1	88	0.30	24	4R	4H	2W	
8.53	10.06	1.53	0.28	18	0.00	0	4R	3H	4W	rubble / mush
10.06	11.58	1.52	0.85	56	0.00	0	3R	1H	4W	
11.58	13.11	1.53	1.04	68	0.27	18	3R	3H	3W	
13.11	14.63	1.52	1.43	94	0.28	18	4R	4H	3W	
14.63	16.15	1.52	1.3	86	0.35	23	4R	3H	2W	
16.15	17.68	1.53	0.93	61	0.58	38	4R	3H	2W	
17.68	19.20	1.52	1.38	91	0.49	32	4R	2H	2W	
19.20	20.73	1.53	0.58	38	0.17	11	3R	3H	2W	
20.73	22.25	1.52	1.45	95	0.00	0	3R	3H	1W	
22.25	23.77	1.52	0.98	64	0.00	0	1R	3H	1W	
23.77	25.30	1.53	0.74	48	0.00	0	2R	4H	1W	
25.30	26.82	1.52	0.61	40	0.00	0	2R	5H	2W	
26.82	28.35	1.53	1.53	100	0.28	18	1R	5H	2W	
28.35	29.87	1.52	1.45	95	0.14	9	0R	3H	2W	
29.87	31.39	1.52	1.1	72	0.12	8	3R	5H	1W	
31.39	32.92	1.53	1.53	100	0.00	0	1R	3H	1W	
32.92	34.44	1.52	0.85	56	0.19	13	0R	3H	1W	
34.44	35.97	1.53	1.3	85	0.38	25	0R	3H	1W	
35.97	37.49	1.52	1.36	89	0.19	13	0R	3H	1W	
37.49	39.01	1.52	1.38	91	0.81	53	0R	3H	1W	
39.01	40.54	1.53	1.53	100	1.08	71	0R	3H	1W	
40.54	42.06	1.52	1.36	89	0.40	26	0R	3H	1W	
42.06	43.59	1.53	1.42	93	1.00	65	0R	3H	1W	
43.59	45.11	1.52	1.52	100	1.08	71	0R	3H	1W	
45.11	46.63	1.52	1.52	100	1.48	97	0R	3H	1W	
46.63	48.16	1.53	1.46	95	1.02	67	0R	2H	1W	
48.16	49.68	1.52	1.52	100	1.48	97	0R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
49.68	51.21	1.53	1.53	100	0.92	60	0R	3H	1W	
51.21	52.73	1.52	1.52	100	1.22	80	4R	4H	1W	
52.73	54.25	1.52	1.25	82	0.37	24	4R	4H	1W	
54.25	55.78	1.53	1.46	95	0.40	26	3R	4H	1W	
55.78	57.30	1.52	1.5	99	0.85	56	3R	3H	1W	
57.30	58.83	1.53	1.52	99	1.02	67	3R	4H	1W	
58.83	60.35	1.52	1.52	100	1.10	72	2R	3H	1W	
60.35	61.87	1.52	1.52	100	1.04	68	2R	3H	1W	
61.87	63.40	1.53	1.49	97	1.19	78	3R	3H	1W	
63.40	64.92	1.52	1.52	100	1.02	67	4R	3H	1W	
64.92	66.45	1.53	1.53	100	1.22	80	4R	3H	1W	
66.45	67.97	1.52	1.52	100	1.20	79	4R	3H	1W	
67.97	69.49	1.52	1.5	99	0.47	31	4R	3H	1W	
69.49	71.02	1.53	1.53	100	0.98	64	2R	3H	1W	
71.02	72.54	1.52	1.49	98	0.90	59	3R	3H	1W	
72.54	74.07	1.53	1.52	99	0.41	27	3R	3H	1W	
74.07	75.59	1.52	1.52	100	1.17	77	2R	3H	1W	
75.59	77.11	1.52	1.52	100	1.32	87	2R	3H	1W	
77.11	78.64	1.53	1.47	96	0.72	47	1R	3H	1W	
78.64	80.16	1.52	1.52	100	0.42	28	1R	3H	1W	
80.16	81.69	1.53	1.52	99	1.07	70	0R	3H	1W	
81.69	83.21	1.52	1.52	100	0.49	32	1R	3H	1W	
83.21	84.73	1.52	1.52	100	0.76	50	4R	4H	1W	
84.73	86.26	1.53	1.53	100	1.27	83	4R	3H	1W	
86.26	87.78	1.52	1.5	99	1.06	70	4R	3H	1W	
87.78	89.31	1.53	1.53	100	1.25	82	4R	3H	1W	
89.31	90.83	1.52	1.43	94	0.95	63	4R	4H	1W	
90.83	92.35	1.52	1.52	100	1.15	76	4R	3H	1W	
92.35	93.88	1.53	1.53	100	1.32	86	4R	3H	1W	
93.88	95.40	1.52	1.52	100	1.14	75	4R	3H	1W	
95.40	96.93	1.53	1.53	100	1.17	76	4R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
96.93	98.45	1.52	1.52	100	1.08	71	4R	3H	1W	
98.45	99.97	1.52	1.52	100	1.14	75	4R	3H	1W	
99.97	101.50	1.53	1.53	100	1.47	96	4R	3H	1W	
101.50	103.02	1.52	1.52	100	1.14	75	4R	4H	1W	
103.02	104.55	1.53	1.53	100	1.53	100	4R	3H	1W	
104.55	106.07	1.52	1.52	100	1.52	100	4R	4H	1W	
106.07	107.59	1.52	1.52	100	1.38	91	4R	3H	1W	
107.59	109.12	1.53	1.49	97	1.38	90	4R	3H	1W	
109.12	110.64	1.52	1.52	100	1.25	82	4R	3H	1W	
110.64	112.17	1.53	1.53	100	1.41	92	4R	3H	1W	
112.17	113.69	1.52	1.52	100	1.38	91	4R	3H	1W	
113.69	115.21	1.52	1.52	100	1.52	100	4R	3H	1W	
115.21	116.74	1.53	1.53	100	1.52	99	4R	3H	1W	
116.74	118.26	1.52	1.52	100	1.37	90	4R	4H	1W	
118.26	119.79	1.53	1.53	100	1.32	86	4R	4H	1W	
119.79	121.31	1.52	1.46	96	1.34	88	4R	4H	1W	
121.31	122.83	1.52	1.52	100	0.90	59	4R	4H	1W	
122.83	124.36	1.53	1.53	100	1.31	86	4R	4H	1W	
124.36	125.88	1.52	1.52	100	1.19	78	4R	4H	1W	
125.88	127.41	1.53	1.53	100	1.48	97	4R	4H	1W	
127.41	128.93	1.52	1.45	95	1.26	83	4R	4H	1W	
128.93	130.45	1.52	1.37	90	1.03	68	4R	4H	1W	
130.45	131.98	1.53	1.53	100	1.31	86	4R	4H	1W	
131.98	133.50	1.52	1.52	100	1.40	92	4R	4H	1W	
133.50	135.03	1.53	1.53	100	1.39	91	4R	4H	1W	
135.03	136.55	1.52	1.52	100	1.39	91	4R	4H	1W	
136.55	138.07	1.52	1.52	100	0.85	56	4R	4H	1W	
138.07	139.60	1.53	1.53	100	1.45	95	4R	3H	1W	
139.60	141.12	1.52	1.52	100	1.00	66	4R	3H	1W	
141.12	142.65	1.53	1.53	100	1.47	96	4R	3H	1W	
142.65	144.17	1.52	1.52	100	1.46	96	4R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
144.17	145.70	1.53	1.53	100	1.04	68	4R	4H	1W	
145.70	147.22	1.52	1.52	100	1.41	93	4R	4H	1W	
147.22	148.74	1.52	1.52	100	0.76	50	4R	3H	1W	
148.74	150.27	1.53	1.53	100	0.63	41	4R	3H	1W	
150.27	151.79	1.52	1.52	100	1.42	93	4R	3H	1W	
151.79	153.31	1.52	1.52	100	0.14	9	4R	3H	1W	
153.31	154.84	1.53	1.45	95	1.18	77	4R	3H	1W	
154.84	156.37	1.53	1.53	100	1.34	88	4R	3H	1W	
156.37	157.89	1.52	1.4	92	1.40	92	4R	3H	1W	
157.89	159.41	1.52	1.52	100	1.48	97	4R	4H	1W	
159.41	160.93	1.52	1.49	98	1.36	89	4R	4H	1W	
160.93	162.46	1.53	1.53	100	1.37	90	4R	4H	1W	
162.46	163.98	1.52	1.47	97	1.47	97	4R	4H	1W	
163.98	165.51	1.53	1.53	100	1.26	82	4R	4H	1W	
165.51	167.03	1.52	1.27	84	1.05	69	4R	4H	1W	
167.03	168.55	1.52	1.52	100	1.52	100	4R	4H	1W	
168.55	170.08	1.53	1.53	100	1.38	90	4R	3H	1W	
170.08	171.60	1.52	1.52	100	1.13	74	4R	3H	1W	
171.60	173.13	1.53	1.53	100	1.53	100	4R	3H	1W	
173.13	174.65	1.52	1.52	100	1.47	97	4R	3H	1W	
174.65	176.17	1.52	1.49	98	1.29	85	4R	3H	1W	
176.17	177.70	1.53	1.53	100	1.45	95	4R	4H	1W	
177.70	179.22	1.52	1.48	97	1.32	87	4R	4H	1W	
179.22	180.75	1.53	1.53	100	1.35	88	4R	4H	1W	
180.75	182.27	1.52	1.49	98	1.33	88	4R	4H	1W	
182.27	183.79	1.52	1.48	97	1.36	89	4R	4H	1W	
183.79	185.32	1.53	1.53	100	1.23	80	4R	4H	1W	
185.32	186.84	1.52	1.51	99	1.28	84	4R	4H	1W	
186.84	188.37	1.53	1.53	100	1.11	73	4R	4H	1W	
188.37	189.89	1.52	1.44	95	1.27	84	4R	4H	1W	
189.89	191.41	1.52	1.48	97	1.48	97	4R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
191.41	192.94	1.53	1.53	100	1.04	68	4R	4H	1W	
192.94	194.46	1.52	1.52	100	1.37	90	4R	4H	1W	
194.46	195.99	1.53	1.53	100	1.42	93	4R	4H	1W	
195.99	197.51	1.52	1.52	100	1.36	89	4R	4H	1W	
197.51	199.03	1.52	1.52	100	1.15	76	4R	3H	1W	
199.03	200.56	1.53	1.42	93	1.28	84	4R	3H	1W	
200.56	202.08	1.52	1.48	97	1.12	74	4R	4H	1W	
202.08	203.61	1.53	1.4	92	1.13	74	4R	4H	1W	
203.61	205.13	1.52	1.52	100	1.23	81	4R	4H	1W	
205.13	206.65	1.52	1.37	90	1.23	81	4R	4H	1W	
206.65	208.18	1.53	1.53	100	1.23	80	4R	4H	1W	
208.18	209.70	1.52	1.32	87	0.88	58	4R	4H	1W	
209.70	211.23	1.53	1.49	97	1.00	65	4R	4H	1W	
211.23	212.75	1.52	1.46	96	1.39	91	4R	4H	1W	
212.75	214.27	1.52	1.52	100	1.50	99	4R	4H	1W	
214.27	215.80	1.53	1.4	92	1.23	80	4R	4H	1W	
215.80	217.32	1.52	1.52	100	1.19	78	4R	4H	1W	
217.32	218.85	1.53	1.4	92	0.94	61	4R	3H	1W	
218.85	220.37	1.52	1.52	100	0.97	64	4R	3H	1W	
220.37	221.89	1.52	1.43	94	1.21	80	4R	3H	1W	
221.89	223.42	1.53	1.53	100	0.39	25	4R	4H	1W	
223.42	224.94	1.52	1.52	100	0.92	61	4R	4H	1W	
224.94	226.47	1.53	1.53	100	0.99	65	4R	2H	1W	
226.47	227.99	1.52	1.29	85	0.98	64	4R	2H	1W	
227.99	229.51	1.52	1.52	100	1.44	95	4R	3H	1W	
229.51	231.04	1.53	1.45	95	1.07	70	4R	3H	1W	
231.04	232.56	1.52	1.52	100	1.49	98	4R	4H	1W	
232.56	234.09	1.53	1.39	91	1.26	82	4R	4H	1W	
234.09	235.61	1.52	1.26	83	0.75	49	4R	3H	1W	
235.61	237.13	1.52	1.44	95	1.18	78	4R	2H	1W	
237.13	238.66	1.53	1.5	98	0.91	59	4R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
238.66	240.18	1.52	1.43	94	1.14	75	4R	3H	1W	
240.18	241.71	1.53	1.53	100	1.24	81	4R	4H	1W	
241.71	243.23	1.52	1.5	99	1.31	86	4R	4H	1W	
243.23	244.75	1.52	1.48	97	1.09	72	4R	4H	1W	
244.75	246.28	1.53	1.53	100	1.42	93	4R	4H	1W	
246.28	247.80	1.52	1.5	99	1.10	72	4R	4H	1W	
247.80	249.33	1.53	1.5	98	1.38	90	4R	4H	1W	
249.33	250.85	1.52	1.5	99	1.49	98	4R	4H	1W	
250.85	252.37	1.52	1.52	100	1.08	71	4R	4H	1W	
252.37	253.90	1.53	1.53	100	1.53	100	4R	4H	1W	
253.90	255.42	1.52	1.52	100	1.52	100	4R	4H	1W	
255.42	256.95	1.53	1.45	95	1.16	76	4R	4H	1W	
256.95	258.47	1.52	1.48	97	1.42	93	4R	4H	1W	
258.47	259.99	1.52	1.52	100	1.52	100	4R	4H	1W	
259.99	261.52	1.53	1.4	92	1.21	79	4R	4H	1W	
261.52	263.04	1.52	1.48	97	1.29	85	4R	4H	1W	
263.04	264.57	1.53	1.5	98	1.21	79	4R	4H	1W	
264.57	266.09	1.52	1.52	100	1.26	83	4R	4H	1W	
266.09	267.61	1.52	1.49	98	1.22	80	4R	4H	1W	
267.61	269.14	1.53	1.53	100	1.37	90	4R	4H	1W	
269.14	270.66	1.52	1.5	99	1.00	66	4R	4H	1W	
270.66	272.19	1.53	1.5	98	0.93	61	2R	4H	1W	
272.19	273.71	1.52	1.46	96	1.11	73	4R	4H	1W	
273.71	275.23	1.52	1.52	100	1.37	90	4R	4H	1W	
275.23	276.76	1.53	1.4	92	0.98	64	4R	4H	1W	
276.76	278.28	1.52	1.52	100	1.38	91	4R	4H	1W	
278.28	279.81	1.53	1.43	93	1.14	75	3R	4H	1W	
279.81	281.33	1.52	1.52	100	1.29	85	4R	4H	1W	
281.33	282.85	1.52	1.43	94	0.86	57	4R	4H	1W	
282.85	284.38	1.53	1.53	100	0.52	34	4R	4H	1W	
284.38	285.90	1.52	1.37	90	0.93	61	4R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
285.90	287.43	1.53	1.53	100	1.17	76	1R	3H	1W	
287.43	288.95	1.52	1.49	98	1.03	68	1R	3H	1W	
288.95	290.47	1.52	1.52	100	1.35	89	1R	3H	1W	
290.47	292.00	1.53	1.5	98	1.18	77	2R	3H	1W	
292.00	293.52	1.52	1.52	100	1.03	68	4R	4H	1W	
293.52	295.05	1.53	1.47	96	1.15	75	4R	4H	1W	
295.05	296.57	1.52	1.52	100	1.11	73	4R	4H	1W	
296.57	298.09	1.52	1.41	93	0.96	63	4R	4H	1W	
298.09	299.62	1.53	1.47	96	0.58	38	1R	3H	1W	
299.62	301.14	1.52	1.48	97	1.18	78	1R	3H	1W	
301.14	302.67	1.53	1.46	95	1.46	95	1R	3H	1W	
302.67	304.19	1.52	1.5	99	1.16	76	1R	3H	1W	
304.19	305.71	1.52	1.52	100	1.35	89	1R	3H	1W	
305.71	307.24	1.53	1.3	85	0.73	48	1R	3H	1W	
307.24	308.76	1.52	1.52	100	1.14	75	1R	3H	1W	
308.76	310.29	1.53	1.46	95	0.88	58	1R	3H	1W	
310.29	311.81	1.52	1.46	96	0.55	36	2R	3H	1W	
311.81	313.33	1.52	1.52	100	0.91	60	4R	3H	1W	
313.33	314.86	1.53	1.48	97	0.91	59	3R	3H	1W	
314.86	316.38	1.52	1.49	98	0.58	38	3R	3H	1W	
316.38	317.91	1.53	1.53	100	1.20	78	2R	3H	1W	
317.91	319.43	1.52	1.43	94	0.72	47	3R	3H	1W	
319.43	320.95	1.52	1.52	100	1.31	86	3R	3H	1W	
320.95	322.48	1.53	1.35	88	0.67	44	2R	3H	1W	
322.48	324.00	1.52	1.41	93	0.92	61	3R	3H	1W	
324.00	325.53	1.53	1.42	93	0.78	51	1R	3H	1W	
325.53	327.05	1.52	1.5	99	0.90	59	2R	3H	1W	
327.05	328.57	1.52	1.51	99	0.96	63	2R	3H	1W	
328.57	330.10	1.53	1.4	92	1.14	75	3R	3H	1W	
330.10	331.62	1.52	1.46	96	1.24	82	2R	3H	1W	
331.62	333.15	1.53	1.53	100	1.32	86	1R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
333.15	334.67	1.52	1.47	97	0.80	53	3R	3H	1W	
334.67	336.19	1.52	1.44	95	0.73	48	3R	3H	1W	
336.19	337.72	1.53	1.53	100	1.18	77	1R	3H	1W	
337.72	339.24	1.52	1.32	87	0.62	41	0R	3H	1W	
339.24	340.77	1.53	1.53	100	0.93	61	1R	3H	1W	
340.77	342.29	1.52	1.46	96	1.15	76	3R	3H	1W	
342.29	343.81	1.52	1.37	90	1.21	80	1R	3H	1W	
343.81	345.34	1.53	1.48	97	1.33	87	1R	3H	1W	
345.34	346.86	1.52	1.52	100	0.98	64	0R	3H	1W	
346.86	348.39	1.53	1.53	100	1.01	66	0R	4H	1W	
348.39	349.91	1.52	1.52	100	1.36	89	0R	3H	1W	
349.91	351.43	1.52	1.52	100	1.28	84	0R	3H	1W	
351.43	354.48	3.05	2.79	91	2.40	79	0R	3H	1W	
354.48	357.53	3.05	3.05	100	1.68	55	0R	4H	1W	
357.53	360.58	3.05	2.69	88	2.54	83	0R	4H	1W	
360.58	363.63	3.05	3.05	100	2.36	77	0R	4H	1W	
363.63	366.67	3.04	2.98	98	2.45	81	0R	3H	1W	
366.67	369.72	3.05	3.05	100	2.63	86	0R	3H	1W	
369.72	372.77	3.05	2.99	98	2.50	82	0R	3H	1W	
372.77	375.82	3.05	3	98	2.71	89	0R	4H	1W	
375.82	378.87	3.05	3	98	2.13	70	0R	3H	1W	
378.87	381.91	3.04	2.95	97	2.15	71	0R	3H	1W	
381.91	384.96	3.05	3.05	100	2.26	74	0R	3H	1W	
384.96	388.01	3.05	2.95	97	2.20	72	0R	3H	1W	
388.01	391.06	3.05	3.03	99	2.69	88	0R	3H	1W	
391.06	394.11	3.05	3.05	100	2.49	82	1R	3H	1W	
394.11	397.15	3.04	3.02	99	1.79	59	0R	3H	1W	
397.15	400.20	3.05	2.96	97	2.51	82	1R	3H	1W	
400.20	403.25	3.05	2.96	97	2.88	94	4R	4H	1W	
403.25	406.30	3.05	3	98	1.68	55	3R	4H	1W	
406.30	409.35	3.05	2.92	96	0.80	26	0R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
409.35	412.39	3.04	2.94	97	2.52	83	2R	4H	1W	
412.39	415.44	3.05	2.98	98	1.24	41	0R	3H	1W	
415.44	418.49	3.05	2.97	97	2.05	67	4R	4H	1W	
418.49	421.54	3.05	2.93	96	1.84	60	4R	4H	1W	
421.54	424.59	3.05	3	98	2.47	81	4R	4H	1W	
424.59	427.63	3.04	2.93	96	1.79	59	4R	3H	1W	
427.63	430.68	3.05	3.05	100	1.62	53	4R	4H	1W	
430.68	433.73	3.05	3	98	2.00	66	4R	4H	1W	
433.73	436.78	3.05	3.05	100	1.13	37	4R	4H	1W	
436.78	439.83	3.05	3.04	100	1.33	44	2R	4H	1W	
439.83	442.87	3.04	3.03	100	1.83	60	1R	4H	1W	
442.87	445.92	3.05	2.34	77	2.08	68	2R	4H	1W	
445.92	448.97	3.05	3.05	100	1.41	46	3R	4H	1W	
448.97	452.02	3.05	3.04	100	1.17	38	4R	3H	1W	
452.02	455.07	3.05	3.03	99	2.29	75	4R	3H	1W	
455.07	458.11	3.04	2.75	90	0.98	32	4R	4H	1W	
458.11	461.16	3.05	2.68	88	1.41	46	0R	2H	1W	
461.16	464.21	3.05	2.94	96	2.30	75	0R	3H	1W	
464.21	467.26	3.05	3.05	100	2.07	68	0R	3H	1W	
467.26	470.31	3.05	3	98	0.67	22	0R	3H	1W	
470.31	473.35	3.04	2.91	96	2.13	70	0R	3H	1W	
473.35	476.40	3.05	2.93	96	2.76	90	0R	3H	1W	
476.40	479.45	3.05	3	98	1.42	47	0R	3H	1W	
479.45	482.50	3.05	0.45	15	0.21	7	0R	3H	2W	

OS -15-231

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	S036104	15-003	Core	CS3	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	S036207	15-006	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	S036202	15-006	Core	CS3	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	S036193	15-006	Core	CS3	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	S036188	15-006	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	S036175	15-005	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	S036170	15-005	Core	CS2	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	S036161	15-005	Core	CS3	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	S036157	15-005	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	S036140	15-004	Core	CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	S036123	15-004	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	S036006	15-001			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	S036113	15-004	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	S036096	15-003	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	S036082	15-003	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	S036080	15-003	Core	CS2	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	S036069	15-002	Core	CS2	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	S036055	15-002	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	S036049	15-002	Core	CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	S036041	15-002	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	S036032	15-001		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	S036018	15-001			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	S036011	15-001		CS1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	S036120	15-004	Core	CS2	☐	☐	☐
7.28	10.06	2.78	OVB, LST	1.38	50	S036001	15-001			☐	☐	☐
10.06	13.11	3.05	LST	1.89	62	S036002	15-001			☐	☐	☐
13.11	14.98	1.87	LST	1.10	59	S036003	15-001			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
14.98	17.68	2.70	LST, SLC	1.23	46	S036004	15-001			☐	☐	☐
17.68	20.73	3.05	SLC	1.96	64	S036005	15-001			☐	☐	☐
20.73	23.77	3.04	SLC	2.43	80	S036007	15-001			☐	☐	☐
23.77	26.82	3.05	SLC	1.35	44	S036008	15-001			☐	☐	☐
26.82	29.87	3.05	SLC	2.98	98	S036009	15-001			☐	☐	☐
29.87	32.92	3.05	SLC	2.63	86	S036010	15-001			☐	☐	☐
32.92	35.97	3.05	SLC	2.15	70	S036012	15-001			☐	☐	☐
35.97	38.49	2.52	SLC	2.00	79	S036013	15-001			☐	☐	☐
35.97	38.49	2.52	SLC	2.00	79	S036014	15-001			☐	☐	☑
38.49	40.54	2.05	SLC	1.54	75	S036015	15-001			☐	☐	☐
40.54	43.59	3.05	SLC	2.78	91	S036016	15-001			☐	☐	☐
43.59	46.63	3.04	SLC	3.04	100	S036017	15-001			☐	☐	☐
46.63	49.68	3.05	SLC	2.98	98	S036019	15-001			☐	☐	☐
49.68	51.41	1.73	SLC	1.50	87	S036020	15-001			☐	☐	☐
51.41	54.25	2.84	LST, SLC	2.40	85	S036021	15-001			☐	☐	☐
54.25	57.30	3.05	LST	2.96	97	S036022	15-001			☐	☐	☐
57.30	60.35	3.05	LST	3.04	100	S036023	15-001			☐	☐	☐
57.30	60.35	3.05	LST	3.04	100	S036024	15-001			☐	☑	☐
60.35	63.40	3.05	LST	3.01	99	S036025	15-001			☐	☐	☐
63.40	66.45	3.05	LST	3.05	100	S036026	15-001			☐	☐	☐
66.45	69.49	3.04	LST	3.04	100	S036027	15-001			☐	☐	☐
69.49	72.54	3.05	LST	3.03	99	S036028	15-001			☐	☐	☐
72.54	75.50	2.96	LST	2.92	99	S036029	15-001			☐	☐	☐
75.50	77.11	1.61	LST, SLT	1.51	94	S036030	15-001			☐	☐	☐
77.11	80.16	3.05	SLT	2.99	98	S036031	15-001			☐	☐	☐
80.16	82.57	2.41	SLT	2.30	95	S036033	15-001			☐	☐	☐
82.57	84.73	2.16	LST, SLT	2.10	97	S036034	15-001			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
84.73	87.78	3.05	LST	3.03	99	S036035	15-001			☐	☐	☐
87.78	90.83	3.05	LST	2.96	97	S036036	15-001			☐	☐	☐
90.83	93.88	3.05	LST	3.05	100	S036037	15-002	Core		☐	☐	☐
93.88	96.93	3.05	LST	3.05	100	S036038	15-002	Core		☐	☐	☐
96.93	99.97	3.04	LST	3.04	100	S036039	15-002	Core		☐	☐	☐
99.97	101.50	1.53	LST	1.53	100	S036040	15-002	Core		☐	☐	☐
101.50	104.55	3.05	LST	3.05	100	S036042	15-002	Core		☐	☐	☐
104.55	107.59	3.04	LST	3.04	100	S036043	15-002	Core		☐	☐	☐
104.55	107.59	3.04	LST	3.04	100	S036044	15-002	Core		☐	☐	☑
107.59	110.64	3.05	LST	3.01	99	S036045	15-002	Core		☐	☐	☐
110.64	113.69	3.05	LST	3.05	100	S036046	15-002	Core		☐	☐	☐
113.69	116.74	3.05	LST	3.05	100	S036047	15-002	Core		☐	☐	☐
116.74	119.79	3.05	LST	3.05	100	S036048	15-002	Core	CS1	☐	☐	☐
119.79	122.83	3.04	LST	2.98	98	S036050	15-002	Core		☐	☐	☐
122.83	125.88	3.05	LST	3.05	100	S036051	15-002	Core		☐	☐	☐
125.88	128.93	3.05	LST	2.98	98	S036052	15-002	Core		☐	☐	☐
128.93	130.45	1.52	LST	1.37	90	S036053	15-002	Core		☐	☐	☐
130.45	133.50	3.05	LST	3.05	100	S036054	15-002	Core		☐	☐	☐
133.50	136.55	3.05	LST	3.05	100	S036056	15-002	Core		☐	☐	☐
136.55	139.60	3.05	LST	3.05	100	S036057	15-002	Core		☐	☐	☐
139.60	142.65	3.05	LST	3.05	100	S036058	15-002	Core		☐	☐	☐
142.65	145.70	3.05	LST	3.04	100	S036059	15-002	Core		☐	☐	☐
145.70	148.74	3.04	LST	3.04	100	S036060	15-002	Core		☐	☐	☐
148.74	151.79	3.05	LST	3.05	100	S036061	15-002	Core		☐	☐	☐
151.79	154.84	3.05	LST	2.97	97	S036062	15-002	Core		☐	☐	☐
154.84	157.89	3.05	LST	2.93	96	S036063	15-002	Core		☐	☐	☐
154.84	157.89	3.05	LST	2.93	96	S036064	15-002	Core		☐	☑	☐
157.89	160.93	3.04	LST	3.01	99	S036065	15-002	Core		☐	☐	☐
160.93	163.98	3.05	LST	3.00	98	S036066	15-002	Core		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
163.98	167.03	3.05	LST	2.80	92	S036067	15-002	Core		☐	☐	☐
167.03	170.08	3.05	LST	3.05	100	S036068	15-002	Core		☐	☐	☐
170.08	173.13	3.05	LST	3.05	100	S036070	15-002	Core		☐	☐	☐
173.13	176.17	3.04	LST	3.01	99	S036071	15-002	Core		☐	☐	☐
176.17	177.70	1.53	LST	1.53	100	S036072	15-002	Core		☐	☐	☐
177.70	180.08	2.38	LST	2.38	100	S036073	15-003	Core		☐	☐	☐
180.08	181.67	1.59	LST	1.57	99	S036074	15-003	Core		☐	☐	☐
181.67	184.25	2.58	LST	2.58	100	S036075	15-003	Core		☐	☐	☐
184.25	186.84	2.59	LST	2.59	100	S036076	15-003	Core		☐	☐	☐
186.84	188.00	1.16	LST	1.16	100	S036077	15-003	Core		☐	☐	☐
188.00	189.89	1.89	LST	1.89	100	S036078	15-003	Core		☐	☐	☐
189.89	192.94	3.05	LST	3.01	99	S036079	15-003	Core		☐	☐	☐
192.94	195.99	3.05	LST	2.90	95	S036081	15-003	Core		☐	☐	☐
195.99	199.03	3.04	LST	1.51	50	S036083	15-003	Core		☐	☐	☐
199.03	202.08	3.05	LST	2.84	93	S036084	15-003	Core		☐	☐	☐
202.08	205.13	3.05	LST	2.92	96	S036085	15-003	Core		☐	☐	☐
205.13	208.18	3.05	LST	2.90	95	S036086	15-003	Core		☐	☐	☐
205.13	208.18	3.05	LST	2.90	95	S036087	15-003	Core		☐	☐	☑
208.18	211.23	3.05	LST	1.88	62	S036088	15-003	Core		☐	☐	☐
211.23	214.27	3.04	LST	1.88	62	S036089	15-003	Core		☐	☐	☐
211.23	214.27	3.04	LST	1.88	62	S036090	15-003	Core		☐	☑	☐
214.27	217.32	3.05	LST	2.42	79	S036091	15-003	Core		☐	☐	☐
217.32	219.15	1.83	LST	1.72	94	S036092	15-003	Core		☐	☐	☐
219.15	221.89	2.74	LST	2.74	100	S036093	15-003	Core		☐	☐	☐
221.89	224.94	3.05	LST	3.05	100	S036094	15-003	Core		☐	☐	☐
224.94	227.99	3.05	LST	2.82	92	S036095	15-003	Core		☐	☐	☐
227.99	231.04	3.05	LST	2.97	97	S036097	15-003	Core		☐	☐	☐
231.04	232.00	0.96	LST	0.96	100	S036098	15-003	Core		☐	☐	☐
232.00	234.09	2.09	LST	2.02	97	S036099	15-003	Core		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
234.09	237.13	3.04	LST	1.93	63	S036100	15-003	Core		☐	☐	☐
237.13	238.66	1.53	LST	1.50	98	S036101	15-003	Core		☐	☐	☐
238.66	240.44	1.78	LST	1.75	98	S036102	15-003	Core		☐	☐	☐
240.44	241.77	1.33	LST	1.24	93	S036103	15-003	Core		☐	☐	☐
241.77	244.75	2.98	LST	2.51	84	S036105	15-003	Core		☐	☐	☐
244.75	247.80	3.05	LST	2.52	83	S036106	15-003	Core		☐	☐	☐
247.80	250.85	3.05	LST	3.00	98	S036107	15-003	Core		☐	☐	☐
250.85	253.90	3.05	LST	2.61	86	S036108	15-003	Core		☐	☐	☐
253.90	256.95	3.05	LST	2.68	88	S036109	15-004	Core		☐	☐	☐
256.95	259.99	3.04	LST	2.94	97	S036110	15-004	Core		☐	☐	☐
259.99	263.04	3.05	LST	2.88	94	S036111	15-004	Core		☐	☐	☐
263.04	266.09	3.05	LST	3.02	99	S036112	15-004	Core		☐	☐	☐
266.09	269.14	3.05	LST	3.02	99	S036114	15-004	Core		☐	☐	☐
269.14	272.19	3.05	LST	3.01	99	S036115	15-004	Core		☐	☐	☐
272.19	275.23	3.04	LST	2.98	98	S036116	15-004	Core		☐	☐	☐
275.23	278.28	3.05	LST	2.92	96	S036117	15-004	Core		☐	☐	☐
278.28	281.33	3.05	LST	2.95	97	S036118	15-004	Core		☐	☐	☐
281.33	284.38	3.05	LST	2.96	97	S036119	15-004	Core		☐	☐	☐
284.38	286.78	2.40	LST	2.32	97	S036121	15-004	Core		☐	☐	☐
286.78	288.95	2.17	LST, SLT	2.17	100	S036122	15-004	Core		☐	☐	☐
288.95	291.34	2.39	SLT	2.39	100	S036124	15-004	Core		☐	☐	☐
291.34	293.52	2.18	SLT, LST	2.18	100	S036125	15-004	Core		☐	☐	☐
293.52	296.57	3.05	LST	2.99	98	S036126	15-004	Core		☐	☐	☐
293.52	296.57	3.05	LST	2.99	98	S036127	15-004	Core		☐	☐	☑
296.57	298.09	1.52	LST	1.41	93	S036128	15-004	Core		☐	☐	☐
298.09	299.93	1.84	LST	1.84	100	S036129	15-004	Core		☐	☐	☐
299.93	302.67	2.74	SLT, LST	2.74	100	S036130	15-004	Core		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
302.67	305.71	3.04	SLT	3.02	99	S036131	15-004	Core		☐	☐	☐
305.71	308.76	3.05	SLT	2.82	92	S036132	15-004	Core		☐	☐	☐
308.76	311.92	3.16	SLT	3.16	100	S036133	15-004	Core		☐	☐	☐
311.92	314.86	2.94	LST, SLT	2.94	100	S036134	15-004	Core		☐	☐	☐
311.92	314.86	2.94	LST, SLT	2.94	100	S036135	15-004	Core		☐	☑	☐
314.86	317.91	3.05	LST	3.02	99	S036136	15-004	Core		☐	☐	☐
317.91	320.95	3.04	LST	2.95	97	S036137	15-004	Core		☐	☐	☐
320.95	323.88	2.93	LST	2.93	100	S036138	15-004	Core		☐	☐	☐
323.88	326.11	2.23	LST, SLT	2.23	100	S036139	15-004	Core		☐	☐	☐
326.11	327.88	1.77	SLT, LST	1.77	100	S036141	15-004	Core		☐	☐	☐
327.88	330.40	2.52	SLT, LST	2.49	99	S036142	15-004	Core		☐	☐	☐
330.40	333.55	3.15	SLT	3.15	100	S036143	15-004	Core		☐	☐	☐
333.55	336.04	2.49	SLT, LST	2.49	100	S036144	15-004	Core		☐	☐	☐
336.04	337.72	1.68	LST, SLT	1.68	100	S036145	15-005	Core		☐	☐	☐
337.72	340.40	2.68	SLT	2.68	100	S036146	15-005	Core		☐	☐	☐
340.40	342.47	2.07	LST, SLT	2.07	100	S036147	15-005	Core		☐	☐	☐
342.47	345.34	2.87	LST, SLT	2.80	98	S036148	15-005	Core		☐	☐	☐
345.34	348.39	3.05	SLT	3.05	100	S036149	15-005	Core		☐	☐	☐
348.39	351.43	3.04	SLT	3.04	100	S036150	15-005	Core		☐	☐	☐
351.43	354.48	3.05	SLT	2.84	93	S036151	15-005	Core		☐	☐	☐
351.43	354.48	3.05	SLT	2.84	93	S036152	15-005	Core		☐	☑	☐
354.48	357.53	3.05	SLT	3.05	100	S036153	15-005	Core		☐	☐	☐
357.53	360.58	3.05	SLT	2.69	88	S036154	15-005	Core		☐	☐	☐
360.58	363.63	3.05	SLT	3.05	100	S036155	15-005	Core		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
363.63	366.67	3.04	SLT	2.98	98	S036156	15-005	Core		☐	☐	☐
366.67	369.72	3.05	SLT	3.05	100	S036158	15-005	Core		☐	☐	☐
369.72	372.77	3.05	SLT	2.99	98	S036159	15-005	Core		☐	☐	☐
372.77	375.82	3.05	SLT	3.00	98	S036160	15-005	Core		☐	☐	☐
375.82	378.87	3.05	SLT	3.00	98	S036162	15-005	Core		☐	☐	☐
378.87	381.91	3.04	SLT	2.95	97	S036163	15-005	Core		☐	☐	☐
381.91	384.96	3.05	SLT	3.05	100	S036164	15-005	Core		☐	☐	☐
384.96	388.01	3.05	SLT	2.95	97	S036165	15-005	Core		☐	☐	☐
388.01	391.06	3.05	SLT	3.03	99	S036166	15-005	Core		☐	☐	☐
391.06	394.11	3.05	SLT	3.05	100	S036167	15-005	Core		☐	☐	☐
394.11	397.15	3.04	SLT	3.02	99	S036168	15-005	Core		☐	☐	☐
397.15	400.20	3.05	SLT	3.05	100	S036169	15-005	Core		☐	☐	☐
400.20	403.00	2.80	SLT	2.80	100	S036171	15-005	Core		☐	☐	☐
403.00	405.00	2.00	LST, SLT	2.00	100	S036172	15-005	Core		☐	☐	☐
405.00	406.30	1.30	LST	1.30	100	S036173	15-005	Core		☐	☐	☐
406.30	409.35	3.05	LST	2.92	96	S036174	15-005	Core		☐	☐	☐
409.35	412.39	3.04	LST	2.94	97	S036176	15-005	Core		☐	☐	☐
412.39	415.44	3.05	LST	2.98	98	S036177	15-005	Core		☐	☐	☐
412.39	415.44	3.05	LST	2.98	98	S036178	15-005	Core		☐	☐	☑
415.44	418.49	3.05	LST	2.97	97	S036179	15-005	Core		☐	☐	☐
418.49	421.54	3.05	LST	2.93	96	S036180	15-005	Core		☐	☐	☐
421.54	424.59	3.05	LST	3.00	98	S036181	15-006	Core		☐	☐	☐
424.59	427.63	3.04	LST	2.93	96	S036182	15-006	Core		☐	☐	☐
427.63	430.68	3.05	LST	3.05	100	S036183	15-006	Core		☐	☐	☐
430.68	433.73	3.05	LST	3.00	98	S036184	15-006	Core		☐	☐	☐
433.73	436.78	3.05	LST	2.98	98	S036185	15-006	Core		☐	☐	☐
436.78	439.50	2.72	LST	2.72	100	S036186	15-006	Core		☐	☐	☐
439.50	441.90	2.40	LST	2.40	100	S036187	15-006	Core		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
441.90	443.00	1.10	LST, INT	1.10	100	S036189	15-006	Core		☐	☐	☐
441.90	443.00	1.10	LST, INT	1.10	100	S036190	15-006	Core		☐	☐	☑
443.00	445.92	2.92	LST, INT	2.92	100	S036191	15-006	Core		☐	☐	☐
445.92	448.97	3.05	LST	3.05	100	S036192	15-006	Core		☐	☐	☐
448.97	452.02	3.05	LST	3.04	100	S036194	15-006	Core		☐	☐	☐
452.02	453.00	0.98	LST	0.98	100	S036195	15-006	Core		☐	☐	☐
453.00	455.67	2.67	LST	2.63	99	S036196	15-006	Core		☐	☐	☐
455.67	458.33	2.66	LST	2.66	100	S036197	15-006	Core		☐	☐	☐
458.33	461.16	2.83	LST, SLT	2.71	96	S036198	15-006	Core		☐	☐	☐
461.16	464.21	3.05	SLT	2.94	96	S036199	15-006	Core		☐	☐	☐
464.21	467.26	3.05	SLT	2.07	68	S036200	15-006	Core		☐	☐	☐
467.26	470.31	3.05	SLT	0.67	22	S036201	15-006	Core		☐	☐	☐
470.31	473.35	3.04	SLT	2.91	96	S036203	15-006	Core		☐	☐	☐
473.35	476.40	3.05	SLT	2.93	96	S036204	15-006	Core		☐	☐	☐
476.40	479.45	3.05	SLT	1.42	47	S036205	15-006	Core		☐	☐	☐
479.45	482.50	3.05	SLT	0.45	15	S036206	15-006	Core		☐	☐	☐

APPENDIX V

DIAMOND DRILLING - CERTIFICATES OF ANALYSIS

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (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-2015
Account: RCM

CERTIFICATE WH15094745

Project: NADALEEN

P.O. No.: 15-004

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 29-JUN-2015.

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
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-21d	Sample logging - ClientBarCode Dup
BAG-06	Double Bagging Coarse Rejects
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

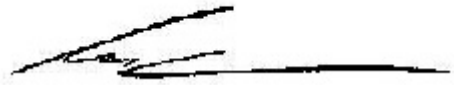
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	
Hg-MS42	Trace Hg by ICPMS	ICP-MS

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: 13-JUL-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15094745

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
S036109		12.43	1.13	0.02	0.88	177.5	100	0.25	0.06	32.6	0.04	14.20	3.1	9	2.41	11.3
S036110		12.84	0.37	0.02	1.01	120.5	120	0.30	0.07	32.1	0.03	15.75	3.4	10	3.63	9.4
S036111		12.01	0.29	0.02	1.31	117.5	130	0.42	0.07	29.9	0.03	18.80	4.1	13	5.83	11.3
S036112		12.94	1.50	0.01	1.14	5900	140	0.28	0.07	29.0	0.02	17.30	3.6	12	3.26	10.3
S036113		7.00	<0.01	0.01	0.05	8.1	20	0.06	0.03	20.4	0.06	1.08	0.6	1	0.18	2.0
S036114		13.03	1.35	0.02	0.91	7250	120	0.26	0.06	29.8	0.06	14.25	2.8	10	2.52	8.4
S036115		11.21	0.21	0.06	5.33	361	240	1.16	0.28	11.15	0.13	66.6	18.7	55	26.5	46.0
S036116		11.60	<0.01	0.02	1.87	107.5	140	0.46	0.10	29.1	0.09	26.3	6.1	18	8.04	15.9
S036117		11.37	<0.01	0.01	1.44	89.9	110	0.43	0.08	31.1	0.03	20.3	4.7	13	5.43	11.6
S036118		11.55	<0.01	0.02	2.01	221	150	0.51	0.11	26.4	0.06	25.8	6.8	18	8.43	15.0
S036119		11.72	<0.01	0.02	3.03	90.3	150	0.82	0.14	21.7	0.05	36.8	10.6	26	11.25	23.1
S036120		0.27	2.55	0.18	3.80	6350	200	0.98	0.13	11.30	0.15	43.0	12.0	44	11.55	35.1
S036121		8.56	<0.01	0.02	2.87	194.0	120	0.86	0.14	24.1	0.04	34.7	10.2	24	9.58	21.6
S036122		7.93	<0.01	0.04	6.76	3450	180	1.58	0.31	8.48	0.10	73.4	24.0	52	24.8	51.9
S036123		7.05	<0.01	<0.01	0.06	3.1	20	0.08	0.02	20.5	0.06	1.29	0.7	1	0.22	1.6
S036124		8.73	0.40	0.06	7.79	2800	210	1.82	0.36	5.50	0.10	81.8	28.3	60	28.1	61.7
S036125		8.09	4.50	0.05	2.95	963	110	0.67	0.14	23.4	0.17	35.4	10.0	25	9.84	21.0
S036126		10.64	0.71	0.02	4.03	559	130	1.05	0.20	19.65	0.07	49.6	16.0	32	15.50	29.9
S036127		<0.02	0.75	0.03	4.11	627	130	0.96	0.19	19.75	0.07	48.2	15.9	34	15.05	29.5
S036128		5.49	0.01	0.03	3.02	176.5	110	0.97	0.14	21.7	0.10	37.0	10.3	26	12.05	21.9
S036129		7.10	0.03	0.02	3.80	1720	120	1.05	0.18	17.95	0.07	43.1	10.6	33	16.45	28.4
S036130		10.88	<0.01	0.04	5.64	602	220	1.56	0.24	7.91	0.12	64.3	28.1	51	25.3	58.3
S036131		11.83	0.01	<0.01	8.31	933	260	1.95	0.32	2.75	0.06	82.6	18.3	84	34.7	66.2
S036132		11.30	0.07	0.02	8.27	1940	270	1.74	0.32	3.98	0.07	88.9	22.2	76	35.9	76.8
S036133		12.24	<0.01	0.03	6.65	349	200	1.74	0.26	8.88	0.04	78.6	28.1	50	37.5	48.5
S036134		12.13	0.03	0.04	4.58	451	150	1.10	0.22	17.90	0.10	53.1	18.7	39	21.6	34.0
S036135		5.20	0.03	0.03	4.16	425	140	0.97	0.20	19.80	0.08	48.6	17.3	35	19.80	30.8
S036136		12.85	0.11	0.02	3.37	540	120	0.87	0.15	20.4	0.03	38.9	11.9	28	14.20	25.6
S036137		12.21	0.33	0.04	4.97	1885	170	1.09	0.22	13.30	0.03	54.4	16.3	42	20.3	38.8
S036138		11.85	<0.01	0.03	4.75	269	180	1.31	0.21	14.25	0.10	52.7	14.6	42	21.8	32.5
S036139		8.49	0.06	0.02	8.78	1785	270	1.88	0.37	2.41	0.03	88.7	21.9	75	41.8	70.5
S036140		0.27	0.50	0.10	3.61	2600	200	0.91	0.14	18.70	0.12	40.5	11.1	42	11.20	41.5
S036141		6.98	0.22	0.04	3.87	5460	130	0.80	0.17	16.55	0.43	42.9	15.4	36	10.05	32.3
S036142		10.45	<0.01	0.04	5.14	203	170	1.29	0.24	12.80	0.08	56.0	17.3	43	16.95	36.8
S036143		12.02	2.36	0.03	5.54	9680	160	1.11	0.22	7.71	0.10	61.0	19.4	49	20.0	43.9
S036144		9.51	0.31	0.02	3.42	1335	140	0.75	0.12	18.35	0.06	34.8	13.5	33	10.75	29.1

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

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VANCOUVER BC V6B 1L8

Finalized Date: 13-JUL-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15094745

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-MS42	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	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
S036109		0.71	2.35	0.10	0.5	3.84	0.011	0.41	7.8	3.1	0.25	488	0.61	0.01	1.3	7.3
S036110		0.71	2.69	0.10	0.5	3.04	0.013	0.48	8.6	3.6	0.25	441	0.33	0.01	1.5	5.5
S036111		0.92	3.42	0.11	0.7	4.26	0.015	0.63	10.1	5.5	0.37	400	0.33	0.01	1.9	7.1
S036112		0.88	3.03	0.10	0.5	12.80	0.015	0.53	9.5	5.4	0.24	339	0.19	0.01	1.6	5.9
S036113		0.47	0.20	0.11	<0.1	0.022	<0.005	0.02	0.5	1.0	12.85	212	0.14	<0.01	0.2	1.7
S036114		0.74	2.49	0.11	0.5	12.80	0.013	0.42	7.4	5.7	0.25	397	0.56	0.01	1.3	5.0
S036115		3.43	14.50	0.15	2.9	15.50	0.055	2.53	36.8	20.6	1.12	374	3.70	0.03	8.8	30.4
S036116		1.31	4.89	0.11	1.0	3.62	0.018	0.87	15.6	5.5	0.94	293	1.19	0.01	2.7	9.8
S036117		1.03	3.77	0.11	0.7	2.75	0.015	0.67	11.5	4.4	0.80	245	0.65	0.01	2.1	7.4
S036118		1.39	4.93	0.10	1.1	3.21	0.019	0.95	15.2	5.0	0.73	291	1.17	0.02	3.0	9.7
S036119		1.95	7.84	0.12	1.5	2.75	0.032	1.41	20.4	6.5	0.90	505	0.70	0.02	4.4	15.3
S036120		2.92	10.35	0.12	2.1	14.55	0.035	1.82	22.1	11.9	2.60	1180	1.76	0.02	6.1	25.9
S036121		2.24	7.48	0.11	1.4	4.50	0.033	1.33	19.8	5.1	1.30	696	0.73	0.02	4.2	15.0
S036122		4.32	18.05	0.16	3.2	8.98	0.081	3.18	40.0	12.9	1.66	671	1.64	0.03	10.8	34.9
S036123		0.46	0.23	0.09	<0.1	0.018	<0.005	0.03	0.6	1.1	12.85	205	0.11	<0.01	0.2	1.6
S036124		4.57	20.8	0.17	3.6	10.30	0.080	3.70	44.8	13.7	1.72	675	1.93	0.03	12.4	40.2
S036125		2.22	7.66	0.12	1.4	12.15	0.034	1.37	20.4	5.2	0.78	1090	1.00	0.01	4.4	14.9
S036126		3.23	10.75	0.13	1.9	6.95	0.043	1.91	28.7	7.0	1.15	1130	1.11	0.02	5.9	20.4
S036127		3.36	10.45	0.12	1.9	7.16	0.038	1.98	28.1	6.9	1.17	1160	1.13	0.02	5.8	20.3
S036128		2.32	7.97	0.13	1.5	2.53	0.036	1.41	19.0	5.7	0.99	672	0.30	0.02	4.6	15.3
S036129		2.94	9.93	0.13	1.9	13.35	0.044	1.85	21.8	6.2	2.09	1070	0.27	0.02	5.9	17.8
S036130		4.18	14.95	0.14	2.5	12.50	0.058	2.71	33.5	10.7	2.70	1460	2.76	0.03	8.6	49.1
S036131		4.48	24.5	0.17	3.1	25.7	0.086	4.02	39.4	16.4	1.43	754	0.16	0.04	13.0	92.3
S036132		4.55	23.1	0.19	3.0	29.5	0.082	4.00	44.8	14.6	1.55	868	0.53	0.03	12.5	74.8
S036133		4.42	17.75	0.16	2.5	7.26	0.066	3.23	40.1	10.0	2.75	2050	0.90	0.03	10.0	43.1
S036134		3.34	12.25	0.14	2.3	6.13	0.049	2.23	27.5	7.1	1.22	960	0.57	0.03	7.0	24.6
S036135		3.17	10.85	0.14	2.0	5.94	0.049	2.03	24.7	6.4	1.19	972	0.50	0.02	6.2	22.8
S036136		3.33	8.74	0.12	1.7	3.49	0.042	1.60	19.5	6.0	2.50	1250	0.46	0.02	5.1	18.1
S036137		3.98	13.05	0.14	2.3	11.15	0.048	2.39	27.5	8.9	2.16	1180	0.54	0.02	7.4	23.5
S036138		3.42	12.10	0.12	2.3	2.61	0.049	2.32	26.6	8.0	2.48	1110	0.47	0.03	7.8	21.2
S036139		4.45	23.8	0.19	3.3	6.15	0.081	4.32	43.6	13.0	1.22	551	0.61	0.03	12.9	50.1
S036140		3.05	9.83	0.13	1.8	3.29	0.034	1.71	20.2	8.9	1.42	1190	1.55	0.02	6.4	25.0
S036141		2.67	10.15	0.12	1.7	8.75	0.042	1.78	22.3	7.7	0.93	752	0.22	0.02	5.3	22.0
S036142		3.43	13.25	0.14	2.4	2.27	0.054	2.50	28.5	7.2	1.88	886	0.42	0.03	8.2	24.7
S036143		3.75	15.15	0.14	2.3	15.00	0.049	2.69	31.6	9.7	1.45	961	0.43	0.02	8.7	35.0
S036144		2.57	8.99	0.13	1.4	5.39	0.034	1.59	18.5	5.0	1.49	1030	0.18	0.02	4.4	22.4

***** 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: 13-JUL-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15094745

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
S036109		180	6.1	20.6	0.002	0.74	4.28	3.2	1	0.3	1375	0.10	<0.05	1.5	0.054	9.64
S036110		150	4.2	23.7	<0.002	0.73	3.02	3.2	1	0.3	1520	0.11	0.05	1.7	0.061	7.43
S036111		200	4.9	31.2	<0.002	0.93	1.86	4.0	1	0.4	1385	0.14	<0.05	2.1	0.080	8.02
S036112		200	4.1	27.0	<0.002	1.16	0.87	6.0	1	0.4	1540	0.12	<0.05	1.8	0.067	18.05
S036113		190	1.6	1.2	<0.002	<0.01	0.05	0.2	<1	<0.2	44.1	<0.05	<0.05	<0.2	<0.005	0.05
S036114		450	3.3	22.0	0.002	1.08	0.84	5.9	1	0.3	1450	0.09	<0.05	1.5	0.053	17.65
S036115		270	18.7	125.5	0.011	3.72	0.74	11.8	2	1.7	814	0.62	0.09	9.7	0.323	28.6
S036116		270	6.5	41.0	0.003	1.25	0.40	4.7	1	0.6	1150	0.20	0.05	3.1	0.112	6.07
S036117		130	5.0	32.3	0.002	0.86	0.22	3.9	1	0.4	1265	0.16	0.05	2.4	0.084	4.50
S036118		120	7.9	44.6	0.002	1.21	0.43	4.2	1	0.6	1050	0.22	0.05	3.5	0.126	4.85
S036119		220	9.1	68.1	0.002	1.62	0.36	7.1	1	0.9	683	0.32	0.06	4.9	0.181	5.42
S036120		450	11.6	87.9	0.002	2.66	25.1	10.2	2	1.5	322	0.45	<0.05	6.8	0.274	46.5
S036121		350	10.5	64.3	0.004	1.75	0.35	7.1	1	0.9	639	0.30	0.07	4.5	0.167	7.65
S036122		390	23.7	160.0	0.010	4.01	4.95	18.8	2	2.2	249	0.73	0.14	11.3	0.398	13.60
S036123		180	1.2	1.5	<0.002	<0.01	0.07	0.2	<1	<0.2	44.3	<0.05	<0.05	<0.2	<0.005	0.05
S036124		390	27.4	186.5	0.012	4.36	10.10	20.4	1	2.5	156.0	0.84	0.18	13.0	0.458	18.40
S036125		300	10.8	69.5	0.007	2.30	19.95	8.2	1	0.9	577	0.31	0.11	4.6	0.174	35.5
S036126		300	14.4	97.6	0.004	3.15	9.55	10.5	1	1.2	466	0.42	0.12	7.1	0.229	17.45
S036127		300	14.3	96.9	0.003	3.27	9.39	10.2	1	1.2	468	0.41	0.12	6.9	0.240	17.50
S036128		230	10.5	72.6	<0.002	1.89	1.36	7.9	1	0.9	546	0.33	0.07	4.8	0.179	4.14
S036129		300	10.9	91.2	<0.002	2.09	0.64	9.5	1	1.2	358	0.42	0.08	6.5	0.238	23.9
S036130		350	40.8	134.0	0.005	3.01	1.50	14.8	1	1.7	202	0.58	0.07	9.3	0.323	9.20
S036131		660	4.0	201	<0.002	3.99	0.54	21.9	1	2.9	114.5	0.89	0.08	12.4	0.494	25.3
S036132		560	9.8	198.5	<0.002	4.31	0.69	20.9	1	2.8	116.0	0.84	0.08	13.6	0.449	40.9
S036133		450	26.7	162.5	0.002	3.26	0.89	17.1	1	2.0	217	0.68	0.06	11.5	0.340	10.00
S036134		290	24.4	112.0	0.002	2.99	0.74	11.3	1	1.4	443	0.50	0.10	7.9	0.278	8.21
S036135		270	22.4	99.8	0.002	2.83	0.68	10.9	2	1.3	510	0.44	0.11	7.0	0.250	7.51
S036136		250	11.8	78.2	<0.002	2.11	0.49	8.8	1	1.1	395	0.36	0.08	5.2	0.209	6.14
S036137		320	12.6	112.5	<0.002	3.12	5.47	11.1	1	1.6	308	0.54	0.10	8.1	0.305	26.8
S036138		300	18.4	107.5	<0.002	2.07	1.05	12.4	1	1.5	371	0.52	0.09	7.9	0.301	4.26
S036139		450	11.1	178.0	<0.002	4.07	2.92	20.0	1	2.7	106.5	0.93	0.10	14.5	0.456	12.35
S036140		380	8.7	83.9	0.002	2.63	9.50	9.2	1	1.3	731	0.45	0.07	6.3	0.272	10.50
S036141		370	28.7	79.6	<0.002	2.49	18.35	11.0	1	1.2	463	0.41	0.07	5.9	0.221	18.70
S036142		300	19.1	113.5	<0.002	2.55	2.41	13.6	1	1.5	363	0.56	0.11	8.7	0.313	3.01
S036143		410	10.5	128.5	<0.002	3.57	20.9	14.9	1	1.7	202	0.56	0.07	8.9	0.313	48.8
S036144		370	7.8	74.6	<0.002	2.14	1.44	11.2	1	1.1	416	0.31	<0.05	4.3	0.188	11.50

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

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 13-JUL-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15094745

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
S036109		2.1	15	1.2	11.2	11	18.0
S036110		2.2	17	1.2	12.2	11	19.8
S036111		2.3	22	1.8	13.3	17	25.7
S036112		2.0	19	1.6	11.9	11	21.8
S036113		0.5	2	0.1	0.7	18	<0.5
S036114		2.9	17	1.3	12.5	21	18.4
S036115		4.2	93	4.9	20.7	76	96.7
S036116		2.8	32	1.1	14.3	54	35.5
S036117		2.1	23	1.0	12.1	19	28.4
S036118		2.8	32	1.3	13.5	36	42.9
S036119		2.3	49	1.1	14.8	37	54.4
S036120		7.5	85	7.8	18.1	48	72.9
S036121		2.1	47	1.3	15.0	39	50.8
S036122		2.9	118	4.2	21.2	99	115.0
S036123		0.5	3	0.1	0.8	18	<0.5
S036124		3.0	137	6.3	21.7	94	128.0
S036125		2.2	53	3.1	15.7	68	51.8
S036126		2.9	68	4.2	20.4	44	69.8
S036127		2.9	68	4.1	19.7	51	68.3
S036128		1.7	49	3.2	15.7	104	54.1
S036129		1.6	63	4.4	16.5	71	68.2
S036130		2.9	99	5.8	20.6	92	91.2
S036131		2.0	158	11.1	22.7	89	110.5
S036132		2.3	130	11.9	23.2	85	110.5
S036133		2.4	86	7.5	23.3	68	97.1
S036134		2.1	77	6.6	19.0	110	80.9
S036135		2.0	69	5.9	19.5	87	71.8
S036136		1.8	55	4.3	16.1	48	60.0
S036137		2.1	83	7.7	18.9	55	84.5
S036138		2.1	80	3.3	18.0	80	84.0
S036139		2.3	105	11.5	23.6	85	114.0
S036140		2.4	76	5.3	17.1	48	71.2
S036141		2.0	64	7.2	18.1	144	61.8
S036142		2.1	85	6.1	18.3	91	97.4
S036143		2.8	87	7.1	20.5	61	86.5
S036144		2.2	60	4.4	16.4	34	51.4

***** 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

Project: NADALEEN

Finalized Date: 13-JUL-2015
Account: RCM

CERTIFICATE OF ANALYSIS WH15094745

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.

BAG-06	CRU-31	CRU-QC	LOG-21
LOG-21d	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-MS42	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: 14-JUL-2015
Account: RCM

CERTIFICATE WH15094747

Project: NADALEEN

P.O. No.: 15-005

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 29-JUN-2015.

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
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-21d	Sample logging - ClientBarCode Dup
BAG-06	Double Bagging Coarse Rejects
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

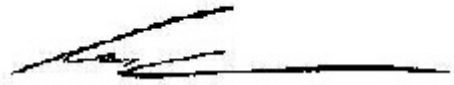
ANALYTICAL PROCEDURES

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-MS42	Trace Hg by ICPMS	ICP-MS
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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VANCOUVER BC V6B 1L8

Finalized Date: 14-JUL-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15094747

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	As-OG62 As % 0.001	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
S036145		6.58	0.03		0.06	6.90	438	200	1.98	0.33	6.58	0.03	75.2	33.3	52	33.6
S036146		9.61	0.13		0.02	7.86	586	240	2.21	0.31	4.75	0.05	86.6	21.4	60	40.4
S036147		7.89	<0.01		0.02	1.96	103.0	160	0.80	0.07	25.7	0.04	20.9	8.5	20	6.32
S036148		10.15	0.01		0.04	8.04	265	250	2.89	0.24	2.16	0.04	72.0	24.5	81	47.3
S036149		11.60	0.41		0.06	7.41	1145	210	2.38	0.23	1.98	0.06	70.1	28.9	77	40.0
S036150		11.87	0.22		0.06	9.31	596	290	2.90	0.27	0.58	0.07	83.9	34.5	102	48.6
S036151		7.43	0.02		0.06	6.71	464	220	2.08	0.20	1.70	0.03	64.0	22.4	69	30.0
S036152		3.59	0.02		0.05	7.00	388	210	2.10	0.21	1.44	0.03	66.8	23.6	74	32.1
S036153		7.89	0.05		0.04	5.19	335	160	1.26	0.18	2.89	0.04	53.8	14.8	53	17.30
S036154		7.36	1.03		0.04	5.81	4500	170	1.20	0.20	2.23	0.14	55.4	13.9	60	15.80
S036155		7.80	5.35		0.06	5.92	3340	190	1.31	0.22	1.68	0.24	58.7	20.5	60	19.35
S036156		7.80	8.06	1.110	0.04	5.38	>10000	200	0.97	0.19	1.20	0.35	54.3	15.8	58	11.60
S036157		5.01	0.02		<0.01	0.05	21.9	20	<0.05	0.02	21.9	0.06	1.03	0.6	1	0.11
S036158		8.29	6.71	1.355	0.08	5.88	>10000	210	1.17	0.22	1.54	0.77	60.1	21.5	64	16.80
S036159		8.16	0.04		0.04	6.52	340	210	1.48	0.22	3.63	0.03	63.9	17.4	60	24.0
S036160		8.26	0.62		0.06	5.76	627	160	1.59	0.19	1.36	0.08	60.3	21.9	62	25.5
S036161		0.28	7.69	3.33	0.25	3.74	>10000	180	0.62	0.17	9.96	0.61	43.9	11.6	44	9.08
S036162		8.30	0.44		0.03	8.71	695	240	3.14	0.24	0.75	0.04	78.6	22.7	90	41.3
S036163		7.43	3.78		0.08	7.63	8260	200	2.38	0.21	0.93	0.21	75.3	23.4	79	28.5
S036164		7.12	1.62	0.947	0.11	8.92	>10000	210	3.26	0.21	0.10	0.19	83.2	23.9	100	40.6
S036165		7.55	2.36		0.06	9.15	9670	220	3.22	0.27	0.22	0.13	83.0	27.9	100	37.1
S036166		7.84	2.33		0.16	7.94	2700	190	2.37	0.33	1.09	0.13	74.8	22.8	82	25.7
S036167		7.71	7.16		0.48	5.50	2770	200	1.41	0.18	4.97	0.28	52.6	20.8	53	17.50
S036168		7.45	0.08		0.07	9.29	449	230	3.14	0.28	0.87	0.04	80.9	31.2	97	42.0
S036169		7.44	3.20		0.66	6.67	1870	190	1.98	0.18	3.12	0.12	58.0	22.3	68	27.3
S036170		0.27	2.61		0.16	3.97	6630	210	0.93	0.13	11.75	0.14	42.1	11.6	46	10.85
S036171		6.89	13.55		1.65	4.07	4630	150	0.86	0.12	10.00	0.25	41.7	12.1	51	10.65
S036172		5.00	0.16		0.05	3.39	448	110	1.00	0.11	12.05	0.02	37.3	12.4	36	10.90
S036173		3.18	0.01		0.02	2.71	171.0	110	0.75	0.09	24.6	<0.02	26.8	7.7	27	7.78
S036174		6.67	2.28		0.47	7.68	4940	250	1.64	0.30	6.10	0.13	78.5	22.3	66	25.8
S036175		4.99	<0.01		0.01	0.06	8.3	50	0.05	0.02	21.4	0.06	1.15	0.6	1	0.15
S036176		7.78	0.90		0.21	4.80	1470	150	1.19	0.21	11.45	0.05	55.2	19.1	39	14.30
S036177		7.28	5.21		1.06	4.27	4310	150	0.93	0.19	17.60	0.15	47.4	16.3	37	12.00
S036178		<0.02	5.48		1.15	4.46	4510	160	0.86	0.20	17.40	0.17	48.2	16.7	39	12.55
S036179		7.93	1.44		0.29	2.81	2220	110	0.73	0.12	26.3	0.10	33.6	8.7	23	8.32
S036180		7.29	0.11		0.03	3.22	122.5	130	0.95	0.14	22.9	0.05	37.9	11.0	27	9.13

***** 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: 14-JUL-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15094747

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-MS42	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	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1
S036145		68.1	4.61	17.60	0.15	2.4	4.00	0.065	3.38	39.5	11.7	2.63	1580	1.24	0.03	9.5
S036146		50.9	4.75	20.8	0.17	2.7	4.37	0.070	3.76	45.7	15.3	2.37	911	0.45	0.03	11.0
S036147		14.5	2.14	4.97	0.09	0.8	1.785	0.018	0.89	10.4	4.7	1.09	1170	0.16	0.01	2.6
S036148		46.5	5.09	22.0	0.15	2.9	3.80	0.077	3.97	34.6	19.0	1.00	481	0.17	0.03	11.4
S036149		51.5	5.26	19.25	0.16	3.1	5.17	0.072	3.48	34.6	18.2	1.05	607	0.25	0.03	11.0
S036150		67.9	5.70	25.4	0.18	3.3	5.13	0.079	4.49	40.9	24.4	0.77	245	0.19	0.03	12.8
S036151		49.5	4.81	17.65	0.15	2.7	4.20	0.060	3.15	31.7	17.1	1.04	475	0.23	0.03	9.9
S036152		54.0	4.68	18.55	0.14	2.7	4.14	0.063	3.35	33.2	18.0	0.95	421	0.20	0.03	10.2
S036153		42.1	5.18	13.40	0.15	2.5	3.87	0.051	2.42	25.9	12.5	1.49	655	0.24	0.02	9.4
S036154		39.8	5.17	13.95	0.13	2.5	5.54	0.045	2.69	26.8	15.0	1.26	737	0.22	0.02	9.8
S036155		47.9	5.16	15.40	0.13	2.6	9.75	0.048	2.76	28.5	12.2	1.02	591	0.43	0.02	10.0
S036156		42.7	3.79	13.50	0.16	2.6	22.4	0.038	2.43	27.2	12.5	0.74	355	0.21	0.02	9.4
S036157		1.3	0.50	0.16	0.07	<0.1	0.026	<0.005	0.02	0.5	0.9	13.75	223	0.08	<0.01	0.1
S036158		45.7	4.31	15.25	0.15	2.7	23.6	0.050	2.75	29.4	12.2	0.91	366	0.53	0.03	10.0
S036159		46.5	5.62	16.45	0.15	2.7	3.00	0.057	3.08	30.9	10.8	1.94	880	0.35	0.03	11.2
S036160		41.3	4.45	14.90	0.14	2.4	4.13	0.051	2.68	28.1	12.5	0.83	434	0.24	0.02	8.3
S036161		52.6	2.97	10.45	0.13	1.8	28.8	0.038	1.73	24.0	13.5	0.36	765	3.45	0.02	5.7
S036162		58.3	4.24	25.4	0.15	3.1	4.50	0.073	4.32	38.0	19.8	0.83	295	0.18	0.03	12.3
S036163		45.0	4.44	20.6	0.15	3.1	12.10	0.061	3.60	38.1	16.9	0.65	358	0.23	0.03	11.2
S036164		43.4	4.12	27.1	0.18	3.1	4.60	0.062	4.30	41.1	23.7	0.60	48	0.20	0.03	12.6
S036165		65.6	4.83	25.3	0.19	3.2	5.21	0.072	4.43	40.3	20.0	0.66	114	0.18	0.03	12.9
S036166		51.8	5.12	20.9	0.16	3.4	6.22	0.060	3.64	37.1	18.1	0.87	579	0.23	0.03	11.7
S036167		51.3	4.69	14.15	0.14	2.2	10.15	0.048	2.43	26.5	14.6	2.19	2280	0.27	0.02	7.6
S036168		79.7	4.68	27.1	0.17	3.1	2.10	0.085	4.55	38.8	24.6	0.92	423	0.21	0.03	12.9
S036169		42.8	3.70	17.05	0.14	2.6	6.92	0.054	3.13	28.8	18.4	0.77	705	0.19	0.02	8.9
S036170		35.1	3.03	9.93	0.10	2.0	14.65	0.034	1.88	21.3	11.8	2.69	1210	1.79	0.02	6.0
S036171		28.9	4.15	10.15	0.10	1.7	26.6	0.038	1.83	20.9	8.0	1.36	2140	0.30	0.02	5.5
S036172		23.1	4.09	8.39	0.10	1.5	1.675	0.035	1.58	18.4	6.8	2.24	1500	0.19	0.02	4.7
S036173		18.1	2.33	6.65	0.10	1.1	0.533	0.026	1.24	13.8	4.8	1.40	1000	0.12	0.02	3.4
S036174		59.0	3.96	21.1	0.15	2.5	4.64	0.056	3.90	39.6	13.0	1.40	1320	1.30	0.03	11.7
S036175		1.7	0.49	0.19	0.07	<0.1	0.017	<0.005	0.03	0.5	1.0	13.45	217	0.10	<0.01	0.2
S036176		33.5	5.12	12.45	0.13	2.2	5.64	0.048	2.26	28.1	8.7	3.06	3290	1.17	0.03	7.0
S036177		32.7	3.76	11.00	0.12	1.9	8.50	0.037	2.01	24.6	6.6	1.87	2150	0.48	0.02	6.2
S036178		33.4	3.86	11.35	0.13	2.0	9.28	0.037	2.10	25.4	6.8	1.85	2170	0.48	0.03	6.4
S036179		20.0	1.89	7.03	0.10	1.2	2.30	0.032	1.31	17.8	4.8	0.97	1000	0.21	0.02	4.0
S036180		23.1	2.66	8.22	0.10	1.4	1.655	0.037	1.56	19.8	5.3	1.64	944	0.50	0.02	4.7

***** 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-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15094747

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
S036145		48.1	240	28.1	160.0	0.004	3.82	1.28	16.7	1	2.0	169.0	0.63	0.13	11.9	0.336
S036146		43.2	380	15.4	182.0	0.002	4.19	1.26	18.0	1	2.4	129.0	0.76	0.06	13.8	0.380
S036147		11.7	460	8.3	40.6	<0.002	1.22	0.53	5.0	1	0.6	576	0.18	<0.05	2.6	0.114
S036148		34.2	240	19.3	188.0	<0.002	4.41	2.40	23.6	1	2.3	90.6	0.74	<0.05	11.0	0.494
S036149		37.7	310	24.8	169.5	<0.002	5.04	7.08	21.3	1	2.1	76.3	0.75	0.05	11.1	0.501
S036150		45.0	230	28.0	217	0.002	5.52	6.02	27.1	1	2.5	74.0	0.83	0.05	12.7	0.568
S036151		32.3	290	19.1	155.5	<0.002	4.29	2.44	19.6	1	1.8	89.2	0.67	<0.05	10.0	0.445
S036152		33.7	290	18.6	162.0	0.002	4.25	2.23	20.2	1	1.9	85.7	0.69	<0.05	10.2	0.457
S036153		27.8	420	13.9	114.5	<0.002	4.89	3.97	14.3	1	1.5	89.8	0.61	<0.05	8.5	0.429
S036154		26.2	470	13.6	119.5	<0.002	5.37	19.60	14.9	1	1.5	74.5	0.64	0.06	8.9	0.480
S036155		33.7	440	21.0	123.0	<0.002	5.30	30.6	15.0	1	1.6	84.7	0.65	0.07	9.6	0.444
S036156		28.0	420	13.2	105.0	<0.002	4.28	88.7	11.0	1	1.6	102.0	0.60	0.09	8.8	0.445
S036157		1.5	190	1.6	0.8	<0.002	<0.01	0.15	0.1	<1	<0.2	46.8	<0.05	<0.05	<0.2	<0.005
S036158		34.9	420	27.4	120.0	<0.002	4.81	99.8	10.5	1	1.9	87.2	0.65	0.08	9.5	0.449
S036159		32.0	490	13.2	134.5	<0.002	5.12	3.81	17.3	1	1.9	97.6	0.74	<0.05	10.1	0.480
S036160		32.1	310	20.9	124.0	<0.002	4.24	8.05	17.2	1	1.6	72.2	0.55	<0.05	8.5	0.388
S036161		25.4	530	17.3	80.8	0.003	3.58	110.0	8.4	2	1.8	435	0.40	0.14	7.1	0.225
S036162		33.8	230	15.1	205	<0.002	3.58	6.75	25.9	1	2.4	72.1	0.80	<0.05	12.0	0.527
S036163		34.9	310	18.5	174.5	<0.002	4.63	47.2	20.5	1	2.1	89.9	0.72	0.07	11.6	0.475
S036164		38.0	270	14.1	215	<0.002	4.21	37.5	21.7	2	2.2	68.6	0.82	0.05	12.0	0.528
S036165		39.4	220	21.0	212	<0.002	5.02	25.6	24.3	1	2.4	67.4	0.81	0.05	12.6	0.551
S036166		37.5	390	19.3	177.5	<0.002	5.01	26.9	21.4	1	2.1	98.3	0.78	0.06	11.8	0.526
S036167		30.1	550	17.9	118.5	<0.002	4.22	45.4	16.1	1	1.6	175.0	0.52	0.08	8.0	0.353
S036168		42.7	300	22.7	215	0.002	4.25	4.62	26.4	1	2.5	66.1	0.82	<0.05	12.2	0.576
S036169		29.4	610	16.0	155.5	<0.002	3.45	38.0	18.8	1	1.7	111.5	0.59	0.09	9.3	0.394
S036170		25.1	470	11.1	82.3	0.002	2.77	24.9	10.0	1	1.5	336	0.43	0.05	6.4	0.282
S036171		20.2	470	10.8	87.0	0.002	3.27	110.5	11.9	1	1.3	237	0.38	0.11	5.7	0.248
S036172		19.1	440	9.8	72.0	0.002	1.70	3.78	8.8	1	1.0	297	0.32	<0.05	4.5	0.208
S036173		12.7	560	5.5	54.6	0.002	0.71	0.61	6.6	1	0.8	781	0.24	<0.05	3.3	0.150
S036174		43.4	480	10.7	146.5	<0.002	3.37	36.4	17.4	1	2.2	168.0	0.78	0.09	11.7	0.389
S036175		1.5	250	1.8	1.0	<0.002	0.01	0.08	0.2	<1	<0.2	48.2	<0.05	<0.05	<0.2	<0.005
S036176		27.4	280	12.9	106.0	<0.002	3.79	19.10	12.0	1	1.4	214	0.48	0.11	7.8	0.285
S036177		21.9	390	16.9	95.0	<0.002	3.23	51.7	9.7	1	1.3	559	0.43	0.16	6.9	0.261
S036178		22.5	400	17.2	98.6	<0.002	3.36	54.5	9.9	1	1.3	555	0.45	0.15	7.2	0.270
S036179		12.8	240	10.9	61.2	<0.002	1.56	14.05	7.1	1	0.8	687	0.28	0.06	4.2	0.161
S036180		16.0	360	12.0	69.9	0.002	1.87	1.21	8.1	1	0.9	579	0.33	0.07	5.0	0.186

***** 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-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15094747

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
S036145		8.45	3.1	104	6.9	21.6	60	88.2
S036146		10.30	2.4	94	8.3	25.6	73	98.9
S036147		3.01	1.8	36	1.8	10.3	34	30.5
S036148		8.57	1.9	162	5.6	22.0	77	104.0
S036149		12.00	2.0	153	10.3	22.3	68	109.0
S036150		13.00	2.0	191	10.2	25.7	80	115.0
S036151		9.70	1.8	139	6.7	21.8	72	98.5
S036152		9.18	1.8	145	6.9	21.6	67	106.0
S036153		8.45	1.7	111	6.1	19.8	69	89.1
S036154		16.60	1.7	123	7.9	19.8	80	95.9
S036155		34.8	1.9	122	7.8	20.5	84	96.9
S036156		79.6	1.7	115	12.3	18.4	57	89.0
S036157		0.13	0.5	3	0.1	0.7	17	<0.5
S036158		87.8	1.9	124	10.6	19.4	136	99.1
S036159		7.76	2.0	128	5.1	21.6	72	101.0
S036160		12.85	1.7	120	6.0	18.9	64	87.6
S036161		66.2	4.1	64	7.8	22.6	133	66.9
S036162		15.60	1.8	175	9.1	23.1	76	107.5
S036163		56.0	2.4	152	10.8	24.9	96	110.0
S036164		24.1	1.8	176	11.0	26.5	76	108.5
S036165		24.2	2.0	183	11.5	25.8	84	113.0
S036166		35.2	2.2	162	9.2	25.1	80	118.0
S036167		60.6	2.6	111	7.6	20.5	94	81.6
S036168		8.41	1.8	190	7.3	24.7	87	114.5
S036169		46.2	2.2	131	6.5	25.4	63	90.5
S036170		45.7	7.0	89	7.6	19.0	52	71.6
S036171		123.5	2.8	79	4.2	16.7	54	64.6
S036172		7.17	2.6	69	2.1	19.0	34	52.7
S036173		2.01	1.9	48	1.5	12.6	34	39.7
S036174		31.5	2.1	102	6.1	20.6	60	92.2
S036175		0.10	0.4	3	0.1	0.8	15	<0.5
S036176		31.9	3.2	83	4.6	20.0	46	78.4
S036177		56.6	2.3	72	3.9	16.4	67	73.5
S036178		59.3	2.3	74	4.0	16.3	73	71.5
S036179		11.95	1.7	45	1.3	15.0	78	46.8
S036180		6.16	2.0	53	1.4	16.7	50	53.9

***** 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

Project: NADALEEN

Finalized Date: 14-JUL-2015
Account: RCM

CERTIFICATE OF ANALYSIS WH15094747

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.

BAG-06	CRU-31	CRU-QC	LOG-21
LOG-21d	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-MS42	ME-MS61
ME-OG62			

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

Finalized Date: 11-JUL-2015
Account: RCM

CERTIFICATE WH15095358

Project: NADALEEN

P.O. No.: 15-003

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 26-JUN-2015.

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
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-21d	Sample logging - ClientBarCode Dup
BAG-06	Double Bagging Coarse Rejects
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

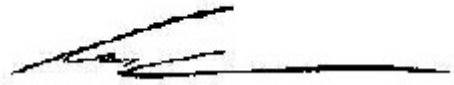
ANALYTICAL PROCEDURES

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-MS42	Trace Hg by ICPMS	ICP-MS
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: 11-JUL-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15095358

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	As-OG62 As % 0.001	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
S036073		8.97	0.30		0.04	0.59	1940	100	0.23	0.04	34.5	0.04	8.96	2.2	7	1.67
S036074		6.06	0.09		0.01	1.02	87.2	130	0.31	0.06	32.5	0.04	14.50	3.8	10	3.06
S036075		9.58	0.01		0.01	0.85	51.6	120	0.32	0.05	32.6	0.04	12.80	3.3	9	2.89
S036076		9.73	0.34		0.01	1.58	87.4	140	0.52	0.09	29.3	0.04	20.9	5.6	15	5.09
S036077		4.21	0.03		0.02	1.85	66.3	150	0.54	0.10	27.6	0.03	23.8	6.5	18	5.81
S036078		6.90	0.69		0.01	0.68	130.0	130	0.27	0.04	32.8	0.03	9.10	2.6	7	1.91
S036079		11.28	0.12		0.01	0.99	176.0	310	0.34	0.06	32.2	0.04	13.30	3.7	10	3.22
S036080		0.28	2.53		0.18	3.77	5870	200	1.00	0.14	12.00	0.14	41.0	13.2	45	11.30
S036081		11.44	0.10	4.26	0.01	0.63	>10000	100	0.22	0.04	31.1	0.02	9.53	2.4	7	1.77
S036082		7.01	<0.01		0.01	0.06	70.8	30	0.05	0.02	20.5	0.06	1.35	0.7	1	0.12
S036083		11.41	0.08		0.01	0.85	124.5	2350	0.31	0.05	33.1	0.02	12.25	3.2	8	2.42
S036084		10.78	0.14		0.02	1.29	312	1990	0.35	0.07	31.1	0.03	17.90	4.6	13	4.21
S036085		11.47	0.77		0.03	1.87	717	550	0.46	0.10	24.8	0.09	25.9	6.4	18	5.07
S036086		11.51	0.02		0.01	1.21	65.9	320	0.39	0.07	31.4	0.07	15.35	4.3	11	3.90
S036087		<0.02	0.02		0.01	1.21	63.3	340	0.40	0.07	31.0	0.05	15.80	4.4	12	3.95
S036088		10.76	0.40		0.02	1.25	1525	220	0.36	0.07	29.9	0.07	17.25	4.7	13	3.65
S036089		11.08	0.07		0.02	2.09	116.5	120	0.61	0.11	25.7	0.06	29.1	7.5	19	6.14
S036090		5.55	0.03		0.02	1.82	108.0	120	0.61	0.10	26.3	0.06	26.9	6.3	16	5.61
S036091		10.91	<0.01		0.02	1.98	122.0	110	0.65	0.11	27.0	0.10	29.1	6.7	18	6.61
S036092		6.52	0.02		0.02	1.51	95.0	130	0.56	0.08	30.2	0.05	22.6	6.7	14	4.98
S036093		9.69	<0.01		0.02	1.45	94.3	110	0.50	0.09	29.9	0.05	20.5	6.0	14	5.62
S036094		11.61	0.16		0.02	2.02	97.0	100	0.66	0.10	27.9	0.05	26.5	8.1	18	6.13
S036095		10.66	0.02		0.03	2.50	128.0	130	0.64	0.13	26.0	0.08	33.1	10.0	23	9.05
S036096		7.11	<0.01		<0.01	0.06	6.7	20	0.08	0.02	21.3	0.06	1.18	0.8	1	0.17
S036097		11.59	2.81		0.03	2.76	538	140	0.64	0.15	21.5	0.14	36.8	9.2	25	8.50
S036098		4.35	1.12		0.02	2.17	1795	140	0.53	0.11	26.2	0.09	33.3	7.8	20	6.44
S036099		7.55	0.14		0.03	2.45	256	130	0.70	0.13	24.6	0.13	33.2	8.8	23	8.85
S036100		11.01	3.43		0.04	3.64	1370	150	0.68	0.18	14.20	0.15	48.6	11.3	33	9.81
S036101		5.78	5.38		0.03	2.40	1170	150	0.43	0.13	17.20	0.21	30.8	7.7	22	5.57
S036102		6.38	1.59		0.02	1.50	254	140	0.36	0.08	29.1	0.07	20.4	5.4	15	4.21
S036103		4.72	0.83		0.01	0.67	133.5	110	0.20	0.04	34.0	0.03	10.20	2.6	7	1.69
S036104		0.28	7.76	3.37	0.30	4.10	>10000	190	0.71	0.21	10.90	0.66	46.8	13.8	49	10.30
S036105		10.78	0.35		<0.01	0.28	89.6	110	0.12	0.02	35.1	<0.02	5.42	1.3	3	0.68
S036106		11.62	0.80		0.01	0.88	118.0	120	0.25	0.05	31.9	0.03	14.40	3.3	9	2.63
S036107		11.53	0.25		0.01	0.64	78.0	120	0.23	0.04	34.1	0.02	10.30	2.5	6	2.16
S036108		12.63	0.46		0.01	0.68	122.5	90	0.17	0.05	34.6	0.05	12.25	2.9	7	1.89

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

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Finalized Date: 11-JUL-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15095358

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-MS42	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	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1
S036073		6.6	0.48	1.68	0.14	0.3	1.145	0.010	0.27	4.5	1.8	0.42	678	0.20	0.01	0.9
S036074		10.2	0.71	2.80	0.13	0.5	1.860	0.013	0.48	8.0	3.5	0.34	519	0.18	0.01	1.5
S036075		8.4	0.65	2.35	0.14	0.4	1.550	0.010	0.41	6.8	3.3	0.50	184	0.23	0.01	1.4
S036076		14.2	1.15	4.27	0.13	0.8	2.33	0.014	0.76	12.0	5.6	0.71	521	0.50	0.01	2.3
S036077		17.1	1.24	5.03	0.14	1.0	2.50	0.020	0.89	13.3	6.7	0.89	208	0.48	0.02	2.8
S036078		6.7	0.62	1.95	0.12	0.4	1.920	0.009	0.33	4.7	2.2	0.51	461	0.19	0.01	1.0
S036079		9.7	0.67	2.70	0.12	0.5	2.20	0.010	0.47	7.3	3.3	0.42	417	0.17	0.01	1.5
S036080		38.2	2.97	10.20	0.15	2.0	14.85	0.033	1.76	21.5	11.5	2.52	1130	1.83	0.02	6.0
S036081		6.4	0.52	1.79	0.11	0.3	1.505	0.018	0.29	4.9	2.2	0.29	483	0.15	0.01	1.0
S036082		2.3	0.48	0.23	0.15	<0.1	0.012	0.005	0.02	0.6	0.9	12.45	200	0.15	0.01	0.1
S036083		8.3	0.59	2.34	0.13	0.4	1.830	0.009	0.40	7.0	2.7	0.32	225	0.15	0.01	1.2
S036084		12.0	0.98	3.45	0.14	0.7	3.95	0.012	0.59	10.0	4.8	0.59	321	0.31	0.01	2.0
S036085		14.9	1.38	5.02	0.13	1.3	4.67	0.021	0.87	13.7	5.0	0.71	631	0.89	0.01	3.3
S036086		11.3	0.87	3.31	0.13	0.6	1.595	0.012	0.57	8.7	4.2	0.75	239	0.35	0.01	1.7
S036087		11.2	0.86	3.31	0.11	0.6	1.585	0.014	0.58	8.9	4.3	0.74	231	0.37	0.01	1.8
S036088		11.4	0.97	3.29	0.12	0.8	2.86	0.013	0.58	9.8	3.7	0.59	406	0.54	0.01	1.9
S036089		16.3	1.49	5.44	0.13	1.4	2.24	0.021	0.98	16.4	5.9	0.77	386	0.62	0.01	3.5
S036090		15.0	1.34	4.78	0.13	1.2	1.920	0.019	0.87	15.1	5.3	0.76	345	0.64	0.01	3.1
S036091		15.3	1.40	5.28	0.14	1.3	2.28	0.018	0.93	16.6	6.0	0.82	344	0.63	0.02	3.4
S036092		14.6	1.23	4.02	0.11	0.9	1.670	0.017	0.72	12.9	4.9	0.70	468	0.66	0.01	2.4
S036093		14.3	1.15	4.04	0.12	0.8	1.550	0.014	0.68	11.7	4.4	0.92	322	0.73	0.01	2.2
S036094		15.8	1.43	5.37	0.12	1.2	1.995	0.022	0.95	14.9	4.6	0.83	477	0.39	0.02	3.1
S036095		22.4	1.72	6.47	0.13	1.3	2.60	0.024	1.15	18.7	6.3	0.92	390	1.05	0.02	3.6
S036096		1.6	0.49	0.25	0.16	<0.1	0.018	<0.005	0.03	0.6	0.9	13.35	209	0.11	<0.01	0.2
S036097		21.3	2.04	7.19	0.14	1.8	7.63	0.029	1.24	20.6	7.4	0.62	745	0.93	0.02	4.6
S036098		17.5	1.59	5.90	0.12	1.5	4.79	0.025	0.99	20.9	5.3	0.54	681	0.95	0.01	3.8
S036099		21.9	1.78	6.32	0.13	1.4	3.68	0.025	1.16	18.7	6.3	0.82	558	0.96	0.02	3.8
S036100		26.0	2.46	9.57	0.14	2.5	10.95	0.029	1.72	26.6	8.9	0.41	621	0.84	0.02	6.5
S036101		17.6	1.73	6.42	0.12	1.5	14.80	0.020	1.13	18.0	9.5	0.26	707	1.14	0.01	4.0
S036102		14.0	1.09	4.13	0.10	0.8	6.35	0.019	0.72	11.5	4.9	0.40	837	0.54	0.01	2.3
S036103		6.3	0.56	1.83	0.10	0.4	2.35	0.010	0.32	5.5	2.1	0.22	853	0.13	0.01	1.0
S036104		61.4	3.32	11.25	0.15	2.0	26.6	0.045	1.85	28.4	13.9	0.38	809	3.84	0.02	6.1
S036105		3.2	0.30	0.82	0.09	0.2	1.040	0.007	0.13	3.0	1.4	0.20	386	0.06	0.01	0.4
S036106		8.4	0.68	2.41	0.10	0.4	2.66	0.009	0.42	7.9	3.2	0.29	397	0.15	0.01	1.3
S036107		6.3	0.51	1.82	0.10	0.3	1.615	0.015	0.30	5.4	2.5	0.28	597	0.11	0.01	1.0
S036108		10.2	0.56	1.99	0.08	0.4	2.30	0.012	0.32	6.6	1.6	0.23	552	0.80	0.01	1.2

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

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Finalized Date: 11-JUL-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15095358

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
S036073		3.1	340	15.2	11.9	<0.002	0.50	4.44	2.0	1	0.2	1375	0.07	<0.05	1.0	0.034
S036074		5.4	150	4.5	23.1	<0.002	0.71	1.79	2.8	1	0.3	1445	0.11	<0.05	1.7	0.059
S036075		4.7	150	4.9	20.2	<0.002	0.56	0.67	2.5	1	0.3	1630	0.09	<0.05	1.4	0.051
S036076		8.3	140	5.8	34.7	0.002	1.06	2.15	4.2	1	0.5	1475	0.16	<0.05	2.6	0.094
S036077		10.0	140	7.2	41.4	0.002	1.11	0.85	4.5	1	0.6	1560	0.19	<0.05	3.0	0.109
S036078		3.5	120	3.2	15.2	<0.002	0.54	2.78	1.7	1	0.2	1505	0.07	<0.05	1.1	0.039
S036079		5.2	140	4.3	21.5	<0.002	0.65	1.50	2.5	1	0.3	1405	0.10	<0.05	1.6	0.058
S036080		27.2	430	11.7	83.2	<0.002	2.57	24.2	10.9	2	1.6	312	0.44	0.05	6.3	0.269
S036081		3.2	130	2.9	13.7	<0.002	2.50	61.5	2.0	1	0.2	1565	0.07	<0.05	1.1	0.038
S036082		1.8	180	2.2	1.0	<0.002	0.01	0.13	0.2	<1	<0.2	49.6	<0.05	<0.05	<0.2	<0.005
S036083		4.4	130	3.8	18.5	<0.002	0.60	1.03	2.2	1	0.3	1705	0.09	<0.05	1.5	0.049
S036084		6.9	140	6.0	27.7	<0.002	0.95	2.22	3.3	1	0.4	1380	0.14	<0.05	2.2	0.075
S036085		8.6	150	8.0	40.8	0.002	1.35	4.34	4.9	1	0.6	882	0.23	<0.05	3.3	0.130
S036086		6.3	130	5.5	25.4	<0.002	0.77	0.65	3.0	1	0.4	1475	0.13	<0.05	2.0	0.069
S036087		6.4	130	5.3	26.4	<0.002	0.77	0.66	3.1	1	0.4	1470	0.12	<0.05	2.0	0.069
S036088		6.4	130	5.1	26.2	<0.002	0.92	2.90	3.1	1	0.4	1140	0.14	<0.05	2.2	0.079
S036089		10.1	130	7.8	45.3	<0.002	1.21	0.69	5.2	1	0.6	959	0.25	<0.05	3.8	0.140
S036090		9.0	120	7.1	40.3	0.002	1.03	0.55	4.6	1	0.6	1005	0.22	<0.05	3.4	0.122
S036091		9.2	140	7.8	43.1	<0.002	1.14	0.60	4.8	1	0.7	1110	0.25	<0.05	3.8	0.132
S036092		9.4	130	5.6	33.8	0.002	0.91	0.73	4.4	1	0.5	1240	0.17	<0.05	2.7	0.097
S036093		8.9	150	5.4	31.5	0.003	0.79	0.49	3.8	1	0.5	1215	0.16	<0.05	2.6	0.084
S036094		10.1	170	6.5	42.8	<0.002	0.92	1.01	5.0	1	0.6	895	0.22	0.05	3.5	0.127
S036095		14.8	160	8.8	51.1	0.003	1.37	1.22	5.9	1	0.8	1045	0.26	0.06	4.3	0.147
S036096		1.8	180	1.4	1.2	<0.002	<0.01	0.06	0.2	<1	<0.2	48.7	<0.05	<0.05	<0.2	<0.005
S036097		12.9	160	11.1	58.8	0.002	1.87	14.25	7.5	1	0.9	710	0.32	0.06	5.0	0.182
S036098		10.4	170	8.4	48.8	0.003	1.58	10.10	5.2	1	0.7	852	0.27	0.05	4.2	0.147
S036099		13.0	170	8.3	53.8	0.004	1.53	3.72	6.2	1	0.8	1075	0.27	<0.05	4.3	0.156
S036100		15.9	170	14.3	82.3	0.002	2.59	21.6	8.2	1	1.1	439	0.46	0.05	6.8	0.257
S036101		10.8	170	9.5	54.6	0.002	1.82	25.9	8.2	1	0.9	687	0.29	<0.05	4.2	0.159
S036102		8.1	150	5.3	34.9	<0.002	1.10	7.72	7.5	1	0.5	1375	0.16	<0.05	2.6	0.090
S036103		3.5	150	2.3	15.7	<0.002	0.52	3.25	4.6	1	0.2	1480	0.08	<0.05	1.1	0.041
S036104		28.9	560	18.9	88.5	0.004	3.76	114.0	9.1	2	2.0	468	0.44	0.14	7.8	0.245
S036105		1.3	100	1.2	6.1	<0.002	0.21	1.59	1.9	1	<0.2	1660	<0.05	<0.05	0.5	0.017
S036106		4.8	140	3.0	20.8	<0.002	0.66	3.51	3.7	1	0.3	1645	0.10	<0.05	1.6	0.052
S036107		3.3	130	2.3	14.9	<0.002	0.44	1.72	2.4	1	0.2	1605	0.07	<0.05	1.1	0.039
S036108		6.4	150	5.9	15.9	0.003	0.56	2.92	2.1	1	0.3	1400	0.08	<0.05	1.4	0.043

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CERTIFICATE OF ANALYSIS WH15095358

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
S036073		2.66	1.8	9	0.7	9.1	5	11.4
S036074		3.61	1.9	15	1.2	10.2	12	19.4
S036075		2.82	1.8	14	1.0	10.4	24	17.2
S036076		4.79	2.3	25	1.9	13.2	20	29.2
S036077		5.49	2.5	29	2.0	13.5	23	33.6
S036078		3.46	1.6	11	0.9	7.4	8	13.2
S036079		2.88	2.2	15	1.1	9.3	14	18.0
S036080		47.6	7.4	83	7.9	19.7	48	71.1
S036081		2.31	1.6	11	0.8	8.5	6	13.1
S036082		0.02	0.5	1	0.1	0.9	16	<0.5
S036083		2.41	2.2	13	1.1	8.9	11	15.8
S036084		6.56	2.4	20	1.9	11.4	12	24.2
S036085		8.26	2.3	29	2.5	13.3	29	44.3
S036086		3.22	2.4	18	0.8	9.4	39	21.4
S036087		3.20	2.4	18	0.8	9.5	26	22.0
S036088		4.77	2.1	20	1.1	10.8	23	25.7
S036089		3.53	2.1	33	1.2	14.6	31	46.9
S036090		2.80	2.1	29	1.0	14.0	25	41.6
S036091		3.42	2.3	30	1.4	15.0	75	47.1
S036092		3.22	2.4	26	0.9	14.4	20	33.1
S036093		3.37	2.5	24	0.7	12.3	20	27.4
S036094		4.07	2.2	32	1.1	13.1	29	39.1
S036095		6.18	2.8	40	1.5	14.8	37	44.4
S036096		0.03	0.9	2	0.1	0.8	15	0.5
S036097		23.2	2.8	44	3.2	17.8	40	63.6
S036098		13.60	2.6	33	3.2	15.4	29	55.0
S036099		8.51	3.0	41	2.9	16.8	55	50.9
S036100		33.5	2.7	58	4.6	20.5	43	87.6
S036101		42.5	3.0	38	3.1	18.4	40	54.9
S036102		14.45	2.6	25	1.9	16.1	21	29.2
S036103		6.56	1.9	11	0.8	10.2	4	13.4
S036104		73.2	4.8	67	8.8	24.1	146	70.9
S036105		2.91	1.2	5	0.4	6.5	<2	6.8
S036106		7.48	2.1	14	1.2	12.0	5	17.7
S036107		4.39	1.6	10	0.8	12.6	3	13.0
S036108		6.57	1.9	12	1.0	12.1	12	14.1

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

ALS Canada Ltd.
2103 Dollarton Hwy
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Phone: +1 (604) 984 0221 Fax: +1 (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: NADALEEN

Finalized Date: 11-JUL-2015
Account: RCM

CERTIFICATE OF ANALYSIS WH15095358

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.

BAG-06	CRU-31	CRU-QC	LOG-21
LOG-21d	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-MS42	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: 27-JUL-2015
Account: RCM

CERTIFICATE WH15102084

Project: NADALEEN

P.O. No.: 15-006

This report is for 27 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-JUL-2015.

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
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-21d	Sample logging - ClientBarCode Dup
BAG-06	Double Bagging Coarse Rejects
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

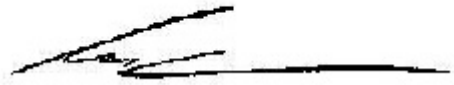
ANALYTICAL PROCEDURES

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-MS42	Trace Hg by ICPMS	ICP-MS
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
VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15102084

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
S036181		7.32	0.23		0.02	2.22	272	90	0.68	0.12	25.5	0.05	29.5	8.8	21	5.41
S036182		7.15	0.50		0.04	3.49	349	120	0.96	0.17	20.9	0.12	41.6	12.7	30	7.99
S036183		7.79	0.08		0.04	2.84	245	110	0.94	0.13	23.4	0.06	32.7	11.3	25	8.59
S036184		7.40	0.26		0.02	2.45	542	90	0.70	0.12	24.8	0.05	30.0	9.2	22	6.28
S036185		7.76	1.23		0.03	3.36	417	110	0.87	0.16	21.6	0.06	37.4	11.6	29	9.01
S036186		7.04	8.28		0.06	2.91	1595	90	0.67	0.14	19.95	0.20	33.9	10.5	24	6.67
S036187		7.14	21.4	1.735	0.32	6.06	>10000	200	1.17	0.31	2.34	1.01	61.9	23.5	57	16.85
S036188		5.00	0.02		0.01	0.06	15.9	20	0.06	0.03	20.1	0.06	1.25	0.7	1	0.18
S036189		3.29	2.83		0.08	7.21	3060	150	0.98	0.04	4.62	0.25	94.1	35.8	21	23.6
S036190		<0.02	2.73		0.06	7.34	2940	160	1.04	0.04	4.93	0.22	101.5	36.2	22	24.2
S036191		8.16	0.04		0.05	3.82	342	210	1.04	0.14	17.65	0.08	41.4	15.7	30	12.30
S036192		8.39	0.54		0.04	4.73	1775	150	1.19	0.22	17.20	0.07	47.7	17.1	39	12.55
S036193		0.28	7.71	3.39	0.31	4.09	>10000	190	0.72	0.20	10.40	0.63	44.5	12.1	47	9.35
S036194		8.03	0.54		0.12	4.67	451	180	1.10	0.22	19.20	0.07	49.1	17.8	38	15.80
S036195		2.69	10.85	1.270	2.34	4.60	>10000	120	0.92	0.22	18.05	0.18	51.4	18.6	40	13.70
S036196		6.01	10.10	2.76	1.95	4.38	>10000	120	0.84	0.22	15.20	0.21	48.8	16.7	38	13.60
S036197		6.25	6.26		0.08	2.97	8190	110	0.59	0.14	20.4	0.14	32.1	9.9	26	6.13
S036198		5.85	2.50		0.16	7.08	8680	230	1.46	0.23	5.96	0.29	68.2	16.3	67	24.0
S036199		7.17	2.41		0.06	7.63	5840	270	1.67	0.33	1.64	0.22	73.6	17.4	69	21.5
S036200		6.84	2.66		0.12	8.67	1835	290	1.85	0.38	0.41	0.20	82.3	18.0	81	25.3
S036201		6.06	0.17		0.06	8.83	415	280	2.21	0.42	0.29	0.14	84.7	22.5	84	27.4
S036202		0.28	7.75	3.41	0.28	3.80	>10000	180	0.64	0.18	9.80	0.59	41.2	11.3	45	8.34
S036203		7.22	0.18		0.09	9.22	421	300	2.43	0.46	0.26	0.30	90.9	23.8	89	31.0
S036204		7.25	0.19		0.06	8.87	508	290	2.33	0.41	0.16	0.75	89.4	19.7	84	30.8
S036205		7.36	1.24		0.09	8.94	6480	310	2.29	0.42	0.19	0.38	91.0	22.8	85	30.9
S036206		1.88	2.88		0.10	8.75	3470	300	2.17	0.37	0.70	0.28	86.0	21.4	87	26.3
S036207		5.12	0.01		0.03	0.11	38.0	30	0.07	0.05	20.6	0.05	1.45	1.0	1	0.31

***** 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-JUL-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15102084

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-MS42	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	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1
S036181		18.5	2.10	5.78	0.07	1.0	2.28	0.029	1.01	15.2	4.0	0.94	718	0.56	0.02	3.1
S036182		27.7	2.60	9.20	0.10	1.5	3.42	0.041	1.64	22.5	4.8	0.99	937	0.88	0.02	5.0
S036183		23.1	2.06	7.41	0.11	1.3	2.82	0.033	1.34	17.4	4.5	1.24	718	0.71	0.02	4.1
S036184		20.6	1.91	6.52	0.09	1.1	2.66	0.034	1.17	15.9	3.5	0.91	898	0.45	0.01	3.4
S036185		26.8	2.33	8.68	0.12	1.4	3.14	0.034	1.59	19.5	5.9	0.99	1040	0.42	0.02	4.5
S036186		23.9	2.11	7.88	0.10	1.3	11.35	0.024	1.39	18.2	5.0	0.58	1150	0.56	0.02	3.9
S036187		47.6	4.03	17.35	0.18	2.6	32.4	0.039	2.87	31.2	16.2	0.36	464	1.29	0.03	9.1
S036188		2.4	0.45	0.18	0.07	<0.1	0.044	0.005	0.02	0.6	1.0	12.75	195	0.12	<0.01	0.2
S036189		38.1	8.16	19.25	0.21	3.0	8.60	0.061	3.39	44.2	16.5	1.04	1160	1.69	0.03	59.3
S036190		38.4	8.14	19.80	0.23	3.1	8.23	0.064	3.43	48.4	17.0	1.07	1220	1.74	0.03	61.0
S036191		26.3	4.15	9.51	0.10	1.7	1.945	0.040	1.78	20.9	6.5	2.67	1080	1.04	0.02	9.9
S036192		35.0	3.26	12.05	0.12	2.1	5.94	0.050	2.25	25.8	6.4	1.32	924	0.93	0.03	6.7
S036193		58.3	3.19	10.95	0.12	1.8	27.5	0.036	1.85	23.0	14.7	0.38	799	3.60	0.02	5.9
S036194		36.8	2.80	11.90	0.14	2.0	5.01	0.044	2.23	28.0	7.5	1.15	1080	0.98	0.02	6.5
S036195		36.2	3.10	11.95	0.14	2.0	11.10	0.040	2.23	28.2	7.4	0.96	1790	0.75	0.02	6.4
S036196		32.9	2.85	11.70	0.14	1.9	8.65	0.039	2.05	26.7	8.8	0.82	1600	0.78	0.02	6.1
S036197		22.4	2.73	7.50	0.08	1.3	5.96	0.028	1.43	16.9	5.2	0.84	1740	0.38	0.02	4.2
S036198		46.9	3.93	18.05	0.19	2.6	6.88	0.048	3.31	32.7	12.9	1.61	1980	0.39	0.03	9.5
S036199		50.9	4.61	20.0	0.18	3.1	11.45	0.058	3.69	34.3	12.0	0.89	412	0.49	0.03	11.6
S036200		64.7	4.60	22.0	0.23	3.6	10.75	0.059	4.17	38.0	14.0	0.59	191	0.47	0.03	13.4
S036201		65.2	6.15	23.8	0.23	3.8	8.61	0.079	4.39	38.9	13.5	0.56	102	0.43	0.04	14.1
S036202		52.8	2.97	10.15	0.10	1.7	30.0	0.040	1.72	21.3	13.5	0.35	744	3.33	0.02	5.4
S036203		70.5	6.20	26.1	0.23	4.1	8.89	0.084	4.56	41.3	15.1	0.57	77	0.72	0.03	14.9
S036204		64.6	6.05	24.3	0.24	3.9	17.50	0.081	4.40	40.8	12.8	0.53	20	0.88	0.03	13.9
S036205		62.8	6.26	24.7	0.24	4.2	8.63	0.071	4.42	41.6	13.1	0.53	30	1.05	0.03	14.3
S036206		65.4	5.71	23.0	0.24	3.7	11.45	0.067	4.27	39.2	12.9	0.52	121	0.64	0.03	13.6
S036207		4.7	0.50	0.41	0.14	<0.1	0.047	<0.005	0.05	0.7	1.1	12.95	202	0.37	0.01	0.3

***** 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: 27-JUL-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15102084

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
S036181		11.6	190	7.4	45.3	<0.002	1.70	2.30	6.1	1	0.7	730	0.21	0.07	3.2	0.120
S036182		18.0	250	11.3	73.4	0.002	2.27	5.29	9.1	1	1.0	523	0.33	0.08	5.0	0.190
S036183		14.7	260	9.1	59.3	0.002	1.49	1.40	7.1	1	0.9	611	0.27	0.07	4.1	0.162
S036184		12.4	250	7.2	51.5	0.003	1.46	4.55	6.7	1	0.8	549	0.24	0.08	3.5	0.131
S036185		16.2	300	9.3	68.5	0.003	1.93	5.32	8.7	2	1.0	437	0.30	0.06	4.6	0.182
S036186		15.1	340	8.9	62.0	0.004	2.11	28.5	7.9	1	0.8	458	0.26	0.09	4.0	0.150
S036187		34.0	400	24.8	125.0	0.005	5.05	147.0	10.6	2	1.9	134.5	0.60	0.32	9.0	0.350
S036188		1.8	160	1.4	1.3	<0.002	0.01	0.19	0.2	<1	<0.2	42.7	<0.05	<0.05	<0.2	<0.005
S036189		24.7	1940	7.9	124.0	<0.002	7.66	21.1	19.3	3	1.5	213	2.87	<0.05	5.8	1.070
S036190		25.0	2000	8.0	131.5	0.003	7.68	19.95	20.4	2	1.5	220	2.98	<0.05	6.3	1.090
S036191		19.1	450	11.4	69.6	0.003	2.09	1.36	9.0	1	1.0	528	0.56	0.08	4.9	0.280
S036192		23.7	270	14.9	94.3	0.005	2.63	10.00	12.7	1	1.5	396	0.46	0.10	6.4	0.270
S036193		27.7	560	17.2	84.3	0.003	3.71	111.5	9.4	2	1.9	463	0.40	0.17	6.4	0.232
S036194		22.6	320	13.2	96.6	0.004	2.41	7.93	12.0	2	1.3	378	0.44	0.10	6.4	0.259
S036195		23.0	400	13.3	103.0	0.002	3.56	107.5	11.2	2	1.3	303	0.41	0.16	6.3	0.258
S036196		22.1	320	12.9	96.6	0.004	3.95	120.5	11.0	3	1.3	307	0.42	0.14	6.1	0.241
S036197		14.4	360	11.2	61.0	<0.002	2.91	44.4	10.3	1	0.8	499	0.28	0.09	3.9	0.173
S036198		35.8	390	17.2	146.0	<0.002	3.66	41.4	17.9	2	1.9	146.0	0.66	0.06	9.9	0.406
S036199		33.9	460	12.9	159.5	<0.002	4.61	11.95	18.8	2	2.4	96.9	0.79	<0.05	11.5	0.499
S036200		33.6	510	10.9	182.0	<0.002	4.77	20.7	22.2	1	2.6	65.4	0.89	0.05	13.3	0.572
S036201		43.0	570	13.8	198.5	<0.002	6.41	10.80	23.4	2	2.8	64.9	0.91	0.06	13.5	0.563
S036202		25.8	510	16.0	77.5	0.003	3.45	103.5	8.2	2	1.8	429	0.37	0.14	5.9	0.217
S036203		46.0	590	16.8	216	<0.002	6.57	11.35	25.5	2	3.0	68.3	0.98	0.05	14.6	0.591
S036204		39.4	610	13.8	207	0.002	6.41	11.10	23.4	2	2.9	57.8	0.96	0.05	14.5	0.563
S036205		42.5	630	17.6	204	<0.002	6.85	26.4	23.6	2	3.0	59.1	0.93	0.09	14.4	0.575
S036206		40.6	570	16.2	192.5	0.002	6.05	22.0	21.9	2	2.9	64.0	0.91	0.07	12.8	0.591
S036207		1.9	190	2.0	2.1	<0.002	0.01	0.16	0.3	<1	<0.2	49.1	<0.05	<0.05	<0.2	0.006

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

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VANCOUVER BC V6B 1L8

Finalized Date: 27-JUL-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15102084

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
S036181		9.35	1.6	36	1.8	14.1	33	38.0
S036182		12.50	2.2	57	3.5	18.3	73	59.5
S036183		10.90	2.2	45	2.2	16.3	38	51.1
S036184		10.05	1.7	38	2.7	16.1	34	41.6
S036185		10.05	2.0	52	3.5	17.4	33	53.7
S036186		34.4	2.1	46	3.3	14.9	36	49.8
S036187		121.5	2.6	108	8.2	18.8	100	96.8
S036188		0.11	0.5	2	0.1	0.8	15	0.5
S036189		32.4	1.2	211	19.5	26.8	84	136.5
S036190		32.4	1.3	217	20.2	28.8	88	140.0
S036191		5.85	2.1	73	3.8	17.0	60	70.1
S036192		17.60	1.9	78	5.7	17.2	53	78.6
S036193		67.4	4.1	67	8.5	22.6	138	70.3
S036194		18.70	2.6	75	4.6	18.5	48	76.6
S036195		80.8	3.5	74	4.5	20.8	52	78.1
S036196		52.0	2.7	73	4.5	18.9	60	74.8
S036197		23.8	1.7	47	2.9	17.0	37	50.5
S036198		21.1	1.9	110	8.6	19.2	64	97.3
S036199		23.7	2.0	138	12.3	22.8	94	113.5
S036200		25.6	2.3	152	14.0	25.4	86	132.0
S036201		13.85	2.4	159	12.1	29.2	106	140.0
S036202		62.7	3.7	62	7.6	20.7	130	64.9
S036203		13.50	2.5	170	14.5	31.6	144	148.0
S036204		11.30	2.5	162	13.2	31.4	257	150.0
S036205		17.15	2.5	165	13.9	31.2	138	149.5
S036206		22.8	2.3	163	15.2	26.0	136	131.5
S036207		0.11	0.6	3	0.1	0.9	14	1.1

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

ALS Canada Ltd.
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www.alsglobal.com

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

Project: NADALEEN

Finalized Date: 27-JUL-2015
Account: RCM

CERTIFICATE OF ANALYSIS WH15102084

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.

BAG-06	CRU-31	CRU-QC	LOG-21
LOG-21d	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-MS42	ME-MS61
ME-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: 7-JUL-2015
Account: RCM

CERTIFICATE WH15091388

Project: NADALEEN

P.O. No.: 15-001

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 23-JUN-2015.

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
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
BAG-06	Double Bagging Coarse Rejects
LOG-21d	Sample logging - ClientBarCode Dup
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

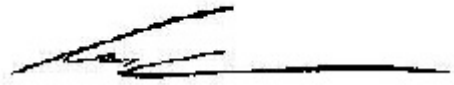
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	
Hg-MS42	Trace Hg by ICPMS	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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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 7-JUL-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15091388

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
S036001		5.12	<0.01	0.03	1.43	268	220	0.41	0.07	26.4	0.06	15.50	8.9	16	3.08	17.5
S036002		7.19	0.02	0.02	3.02	1820	100	1.01	0.27	25.3	0.02	28.2	9.6	32	8.87	22.5
S036003		6.57	0.03	0.02	2.03	1010	90	0.81	0.08	30.2	0.02	20.9	5.9	22	6.26	16.2
S036004		7.37	0.11	0.01	1.97	248	70	0.73	0.10	29.1	0.03	19.70	6.8	22	6.10	15.6
S036005		6.17	0.01	0.01	1.63	432	90	0.59	0.05	29.3	<0.02	16.30	5.5	19	5.66	11.7
S036006		7.02	<0.01	<0.01	0.05	0.4	20	0.06	0.30	21.4	0.05	1.15	0.8	1	0.13	1.7
S036007		6.42	0.16	0.04	4.93	299	150	1.30	0.19	6.63	0.18	55.7	10.9	51	17.70	30.1
S036008		5.16	0.01	0.04	4.78	241	120	1.57	0.18	7.99	<0.02	45.7	14.5	52	23.3	32.6
S036009		12.34	1.37	0.05	5.54	577	130	1.64	0.18	2.42	0.10	53.7	19.0	61	26.4	39.8
S036010		7.03	0.48	0.06	6.63	478	210	1.77	0.28	4.25	0.18	71.5	14.1	63	26.1	35.7
S036011		0.27	0.50	0.09	3.72	2630	200	0.85	0.13	18.50	0.12	38.9	10.3	45	9.70	40.5
S036012		7.89	0.01	0.07	7.98	211	270	2.15	0.32	2.71	0.17	82.3	15.1	77	35.1	41.7
S036013		7.04	0.69	0.06	7.90	712	270	1.92	0.32	1.73	0.30	79.4	15.1	75	30.9	38.6
S036014		<0.02	0.78	0.07	7.71	722	260	1.91	0.30	1.67	0.28	77.6	14.7	72	31.0	38.4
S036015		7.50	4.12	0.08	6.29	6220	250	1.36	0.31	0.16	0.26	65.2	12.4	68	21.5	37.1
S036016		9.81	5.08	0.07	5.38	4330	220	1.14	0.24	0.95	0.26	60.4	13.0	56	17.05	32.2
S036017		11.15	0.82	0.06	6.25	1840	210	1.34	0.29	2.49	0.16	61.6	10.9	59	21.7	31.1
S036018		7.04	<0.01	0.01	0.07	4.1	20	0.06	0.04	21.1	0.06	1.39	0.9	1	0.22	3.6
S036019		10.43	0.42	0.07	5.97	1080	200	1.33	0.26	2.40	0.11	62.5	13.3	58	20.4	31.4
S036020		5.33	0.05	0.07	6.42	786	210	1.23	0.28	2.15	0.09	62.4	13.5	60	17.85	35.9
S036021		9.60	0.08	0.03	2.93	489	180	0.73	0.14	26.0	0.06	30.6	7.6	29	8.32	17.0
S036022		10.09	0.25	0.01	5.72	741	170	1.36	0.19	13.85	0.06	53.5	14.6	57	25.3	38.5
S036023		10.96	0.58	0.02	6.92	795	200	1.95	0.25	5.86	0.07	57.2	17.0	77	33.9	39.2
S036024		5.11	0.54	0.02	6.92	924	200	1.83	0.28	7.02	0.05	57.7	20.0	76	33.0	42.2
S036025		11.67	0.02	0.02	5.92	204	170	1.83	0.18	13.20	<0.02	50.7	14.1	62	26.1	39.9
S036026		12.43	<0.01	0.02	5.81	79.8	160	1.95	0.20	13.15	<0.02	51.6	15.2	60	28.6	38.2
S036027		11.25	0.14	0.03	3.93	320	130	1.32	0.13	22.8	0.02	35.8	13.5	46	16.45	26.6
S036028		11.07	0.20	0.03	5.69	968	190	1.27	0.22	10.45	0.08	54.8	15.5	60	18.60	40.4
S036029		11.50	0.44	0.04	6.42	2000	200	1.40	0.23	11.20	0.09	57.8	16.3	69	18.30	45.6
S036030		6.69	0.03	0.05	7.66	642	220	2.13	0.25	3.55	0.06	70.9	20.7	86	28.5	50.7
S036031		11.49	0.01	0.08	6.40	533	210	1.65	0.28	3.96	0.16	71.2	15.8	62	22.3	35.2
S036032		0.30	0.49	0.09	3.66	2590	200	0.87	0.13	18.20	0.12	37.7	10.3	42	9.48	38.7
S036033		8.99	<0.01	0.06	7.23	1450	250	1.82	0.29	4.22	0.12	79.4	12.4	75	23.7	37.2
S036034		8.88	0.07	0.03	3.80	1620	140	0.92	0.15	18.95	0.05	37.6	10.9	40	9.51	28.3
S036035		12.35	<0.01	0.03	3.15	165.0	120	0.94	0.11	23.9	<0.02	29.6	9.7	34	9.40	22.8
S036036		11.99	<0.01	0.02	2.75	143.5	100	0.82	0.10	25.9	0.03	25.0	7.6	31	8.13	19.1

***** 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: 7-JUL-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15091388

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-MS42	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	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
S036001		1.90	3.48	0.06	0.6	2.96	0.017	0.51	7.8	7.2	2.09	541	0.45	0.12	1.7	11.4
S036002		2.19	7.29	0.07	1.2	7.69	0.029	1.37	15.1	7.0	0.53	739	0.18	0.02	3.5	16.5
S036003		1.50	4.88	0.07	0.8	1.295	0.021	0.92	11.0	5.5	0.64	399	0.12	0.02	2.3	10.0
S036004		1.38	4.77	0.08	0.9	1.260	0.017	0.88	10.3	5.5	0.69	392	0.13	0.02	2.4	10.9
S036005		1.52	3.87	0.07	0.7	1.830	0.019	0.74	8.2	3.9	0.69	719	0.09	0.01	1.9	9.4
S036006		0.49	0.33	0.22	<0.1	0.025	<0.005	0.02	0.5	1.6	13.45	211	0.09	<0.01	0.2	1.5
S036007		4.03	11.25	0.11	2.5	1.815	0.050	2.24	27.5	13.3	1.37	853	0.74	0.03	7.4	22.7
S036008		4.05	11.55	0.07	2.0	1.265	0.046	2.15	23.4	16.9	1.05	835	0.28	0.02	5.7	22.0
S036009		4.72	13.10	0.10	2.2	2.26	0.055	2.45	26.6	26.5	0.85	763	0.31	0.02	6.9	28.1
S036010		4.44	15.55	0.12	3.1	3.52	0.056	3.08	35.0	16.0	1.15	620	0.82	0.03	10.0	31.1
S036011		3.08	8.97	0.07	1.8	3.86	0.033	1.75	19.7	9.3	1.43	1200	1.46	0.02	5.7	22.7
S036012		5.16	19.55	0.14	3.5	2.74	0.068	3.82	40.6	18.7	1.28	398	0.90	0.04	12.0	35.4
S036013		4.85	19.00	0.13	3.6	5.08	0.063	3.74	39.6	17.4	1.04	423	0.67	0.04	11.7	33.9
S036014		4.66	19.20	0.14	3.4	5.17	0.065	3.61	38.7	17.6	1.00	400	0.62	0.04	11.7	33.2
S036015		3.78	15.45	0.18	2.8	10.05	0.041	2.88	32.3	16.8	0.37	46	1.03	0.03	9.8	26.5
S036016		4.09	12.95	0.12	2.7	16.40	0.042	2.35	29.6	17.7	0.50	344	0.49	0.02	8.6	26.5
S036017		3.80	14.75	0.16	2.9	4.11	0.056	2.83	31.2	15.2	0.95	587	0.68	0.03	9.4	24.7
S036018		0.49	0.35	0.37	<0.1	0.023	<0.005	0.03	0.7	1.5	13.25	217	0.06	0.01	0.2	1.7
S036019		3.96	14.35	0.18	2.8	4.96	0.054	2.74	30.8	17.3	0.91	529	0.71	0.03	9.2	27.7
S036020		3.95	15.30	0.13	2.9	5.20	0.051	2.99	31.4	18.9	0.79	423	0.64	0.03	9.6	28.6
S036021		2.00	7.07	0.12	1.2	3.63	0.028	1.37	17.0	6.0	0.94	940	0.81	0.02	3.6	14.0
S036022		3.63	14.05	0.14	2.1	5.79	0.046	2.67	28.2	17.1	0.84	999	0.18	0.02	7.0	29.5
S036023		5.00	19.05	0.16	2.5	5.35	0.069	3.46	29.0	22.7	1.14	1070	0.12	0.03	9.0	40.9
S036024		5.42	18.60	0.16	2.6	5.70	0.067	3.44	29.8	21.4	1.16	1080	0.14	0.03	9.0	47.4
S036025		2.98	15.00	0.15	2.4	1.365	0.051	2.78	27.2	16.1	1.27	1040	0.16	0.03	7.2	26.4
S036026		3.80	14.05	0.14	2.2	0.738	0.059	2.68	27.4	16.3	1.31	920	0.14	0.03	7.0	28.4
S036027		2.68	9.53	0.12	1.6	2.32	0.035	1.84	19.1	10.0	0.97	800	0.15	0.02	4.8	21.9
S036028		3.91	13.50	0.14	2.5	5.18	0.051	2.60	27.8	14.6	1.11	878	0.46	0.02	7.7	26.6
S036029		4.01	15.65	0.13	2.5	19.15	0.048	2.95	30.9	13.3	0.86	759	0.16	0.02	7.9	31.5
S036030		3.84	19.80	0.19	3.3	4.77	0.069	3.70	33.8	18.8	1.02	548	0.47	0.03	11.3	33.2
S036031		4.16	15.40	0.20	3.2	4.98	0.064	2.94	34.8	18.1	1.23	520	0.68	0.03	10.7	30.8
S036032		3.02	8.98	0.12	1.8	3.81	0.034	1.73	19.1	9.1	1.41	1190	1.45	0.02	5.7	23.4
S036033		3.31	17.35	0.22	3.7	3.55	0.064	3.37	38.9	20.6	1.39	418	0.59	0.03	12.0	25.1
S036034		2.99	8.98	0.15	1.7	7.66	0.041	1.72	19.6	10.6	0.86	728	0.35	0.02	5.2	18.2
S036035		2.42	7.66	0.18	1.2	0.975	0.031	1.44	16.0	5.6	0.91	650	0.13	0.02	3.7	16.8
S036036		1.89	6.62	0.15	1.2	1.150	0.028	1.28	13.4	4.9	1.02	761	0.17	0.01	3.5	12.9

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Finalized Date: 7-JUL-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15091388

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
S036001		210	5.7	23.6	0.002	0.24	0.46	4.8	1	0.4	859	0.12	<0.05	1.5	0.107	1.94
S036002		320	5.1	62.2	<0.002	0.42	6.45	7.8	1	0.9	765	0.25	0.05	3.3	0.165	7.21
S036003		380	4.8	40.6	<0.002	0.46	1.39	5.3	<1	0.6	925	0.17	<0.05	2.3	0.114	2.28
S036004		390	5.5	39.8	<0.002	0.60	0.75	5.0	1	0.6	843	0.17	<0.05	2.3	0.112	2.36
S036005		280	4.6	33.6	<0.002	0.69	0.98	4.4	1	0.5	599	0.14	<0.05	1.9	0.095	6.33
S036006		200	1.5	0.9	<0.002	<0.01	<0.05	0.1	<1	<0.2	45.3	<0.05	<0.05	<0.2	<0.005	<0.02
S036007		490	10.5	103.5	<0.002	2.65	2.16	10.4	1	1.6	171.0	0.53	0.06	7.7	0.357	6.25
S036008		220	10.9	103.0	0.002	3.12	0.82	12.1	1	1.3	199.5	0.41	<0.05	6.0	0.281	4.93
S036009		270	15.0	117.0	0.003	4.23	6.26	14.7	1	1.6	76.5	0.50	<0.05	7.1	0.338	11.80
S036010		750	25.2	145.5	0.002	3.71	6.43	13.4	1	2.1	151.5	0.71	<0.05	10.9	0.429	12.05
S036011		380	8.4	76.1	<0.002	2.63	9.24	8.5	1	1.3	730	0.41	0.07	5.2	0.278	9.99
S036012		660	37.4	180.5	0.002	4.46	1.64	18.3	1	2.5	89.0	0.84	0.05	13.3	0.498	8.73
S036013		710	28.9	176.0	0.003	4.39	11.50	15.8	1	2.4	102.0	0.85	<0.05	12.8	0.495	20.6
S036014		690	28.8	173.0	0.002	4.23	11.85	16.7	2	2.3	102.0	0.85	0.06	12.6	0.475	21.4
S036015		500	15.7	133.5	0.002	4.06	41.9	8.0	1	2.2	136.0	0.66	0.07	10.6	0.407	47.7
S036016		530	18.6	107.5	<0.002	4.28	46.0	8.9	1	1.7	141.0	0.61	0.05	9.0	0.371	74.6
S036017		500	16.3	129.5	<0.002	3.28	11.10	12.2	1	1.9	93.3	0.69	0.05	9.6	0.395	14.75
S036018		190	1.2	1.5	<0.002	<0.01	0.11	0.2	<1	<0.2	43.8	<0.05	<0.05	<0.2	<0.005	0.04
S036019		480	25.0	124.5	<0.002	3.60	9.69	12.5	1	1.9	92.7	0.68	0.06	10.5	0.389	20.3
S036020		510	21.2	132.0	<0.002	3.83	6.00	12.5	1	1.9	95.3	0.67	<0.05	10.1	0.408	19.40
S036021		290	9.3	57.1	0.004	1.42	3.71	6.4	1	0.9	1030	0.26	<0.05	3.7	0.165	14.20
S036022		330	5.1	127.5	<0.002	3.08	10.65	15.1	1	1.6	522	0.49	<0.05	7.4	0.330	31.6
S036023		470	7.0	142.0	<0.002	4.00	9.77	19.2	1	2.3	276	0.65	0.05	7.8	0.423	29.2
S036024		450	10.1	147.5	<0.002	4.52	10.20	18.9	1	2.3	323	0.64	0.05	7.9	0.422	32.0
S036025		450	5.3	132.0	<0.002	1.33	1.27	14.4	1	1.9	653	0.52	<0.05	6.7	0.333	4.60
S036026		440	7.4	129.5	<0.002	2.41	0.28	15.8	1	1.7	571	0.50	<0.05	7.0	0.334	2.03
S036027		540	8.3	82.7	<0.002	1.68	3.61	9.1	1	1.3	858	0.33	<0.05	4.7	0.227	8.45
S036028		460	14.8	114.0	0.002	3.23	3.67	15.4	1	2.1	285	0.53	0.05	7.9	0.363	15.10
S036029		540	7.5	131.5	0.002	3.52	22.5	13.9	1	2.3	361	0.57	0.08	7.9	0.378	67.9
S036030		440	19.5	150.5	0.002	3.34	1.86	20.5	1	2.5	129.0	0.81	<0.05	11.4	0.522	11.00
S036031		660	29.7	134.0	0.002	3.49	1.01	14.2	1	2.1	131.5	0.74	0.06	11.3	0.455	9.93
S036032		370	7.9	75.5	<0.002	2.60	8.96	8.4	1	1.3	719	0.40	0.06	5.1	0.275	9.77
S036033		760	16.8	151.0	<0.002	1.99	1.02	14.6	1	2.6	158.5	0.87	<0.05	13.2	0.518	7.08
S036034		540	8.9	76.2	<0.002	2.29	6.64	8.8	1	1.3	802	0.36	<0.05	4.9	0.238	21.6
S036035		420	4.6	64.6	<0.002	1.12	0.38	7.9	1	1.0	933	0.26	0.05	3.5	0.174	2.28
S036036		430	4.5	56.0	<0.002	0.72	0.25	5.9	1	0.9	837	0.24	<0.05	3.4	0.157	2.07

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

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Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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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-JUL-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15091388

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
S036001		1.3	34	1.0	8.7	23	20.7
S036002		1.5	54	2.9	12.8	32	44.9
S036003		1.5	36	1.4	9.4	24	29.1
S036004		1.6	35	1.6	8.8	27	30.3
S036005		1.2	30	1.8	8.9	16	26.1
S036006		0.5	2	0.1	0.7	15	<0.5
S036007		1.8	86	5.0	18.6	160	81.8
S036008		1.4	92	2.5	15.5	36	65.0
S036009		1.4	104	7.5	16.6	80	75.0
S036010		2.4	108	6.6	23.7	97	107.0
S036011		2.2	75	5.2	16.1	48	64.5
S036012		2.7	133	4.6	24.2	100	121.0
S036013		2.6	128	6.9	23.5	140	126.5
S036014		2.6	125	7.1	23.5	136	115.5
S036015		2.1	99	5.8	20.3	100	100.5
S036016		1.9	86	5.5	18.8	76	90.7
S036017		2.0	97	5.5	20.0	80	98.6
S036018		0.8	2	0.1	0.8	18	0.5
S036019		2.0	96	4.6	20.1	70	98.9
S036020		2.1	103	8.1	19.7	72	101.0
S036021		2.5	50	3.2	13.0	32	43.7
S036022		1.8	92	4.7	17.5	56	76.2
S036023		1.4	120	5.4	19.6	77	87.5
S036024		1.5	120	5.4	20.3	72	89.7
S036025		1.7	97	3.5	20.6	56	81.3
S036026		1.9	97	1.3	21.0	55	78.0
S036027		2.1	67	1.5	15.4	36	56.7
S036028		2.2	100	7.5	19.3	60	86.2
S036029		2.4	108	9.6	20.1	57	91.0
S036030		2.2	155	11.3	21.0	64	112.5
S036031		2.4	106	8.1	24.2	109	113.0
S036032		2.1	74	5.0	16.7	48	63.8
S036033		2.7	120	9.5	26.2	92	127.0
S036034		2.0	64	6.9	15.7	44	62.2
S036035		1.7	54	3.6	14.1	26	46.1
S036036		1.8	48	2.4	9.9	35	43.7

***** 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

Project: NADALEEN

Finalized Date: 7-JUL-2015
Account: RCM

CERTIFICATE OF ANALYSIS WH15091388

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.

BAG-06	CRU-31	CRU-QC	LOG-21
LOG-21d	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-MS42	ME-MS61

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-JUL-2015
Account: RCM

CERTIFICATE WH15093529

Project: NADALEEN

P.O. No.: 15-002

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 26-JUN-2015.

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
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-21d	Sample logging - ClientBarCode Dup
BAG-06	Double Bagging Coarse Rejects
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

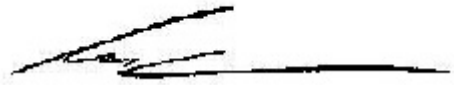
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	
Hg-MS42	Trace Hg by ICPMS	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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VANCOUVER BC V6B 1L8

Finalized Date: 11-JUL-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15093529

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
S036037		12.70	0.05	0.02	3.26	783	120	1.14	0.15	19.90	0.02	32.5	11.3	35	13.30	26.4
S036038		12.55	0.09	0.03	3.19	792	180	1.07	0.17	21.3	0.07	35.6	11.1	29	10.75	26.1
S036039		12.47	1.51	0.05	5.18	4140	210	1.34	0.25	15.25	0.24	56.5	21.5	50	19.40	40.6
S036040		6.43	4.72	0.11	1.58	1970	140	0.41	0.09	26.5	0.32	20.1	5.7	16	4.06	16.2
S036041		7.28	<0.01	<0.01	0.05	4.6	60	0.07	0.02	19.60	0.05	0.96	0.8	1	0.13	1.8
S036042		12.90	0.82	0.06	1.40	216	150	0.36	0.08	29.6	0.08	19.65	5.0	17	4.01	12.7
S036043		13.06	1.52	0.06	0.89	244	100	0.25	0.06	30.2	0.07	18.40	3.3	10	2.51	9.0
S036044		<0.02	1.47	0.06	0.85	233	90	0.27	0.05	29.6	0.06	17.75	3.1	9	2.31	8.4
S036045		12.03	0.05	0.04	3.12	289	170	0.68	0.16	23.2	0.20	37.3	10.1	31	12.30	28.3
S036046		12.58	0.19	0.03	2.91	147.0	200	0.77	0.15	23.6	0.10	34.9	8.7	29	18.50	24.2
S036047		11.96	0.01	0.01	0.50	30.6	110	0.22	0.03	33.7	0.04	9.68	2.0	6	1.79	5.1
S036048		11.74	0.04	0.02	0.80	50.0	130	0.27	0.05	32.6	0.10	14.20	3.0	9	2.75	8.4
S036049		0.28	0.48	0.09	3.44	2480	190	0.88	0.13	17.35	0.12	36.9	10.4	42	10.05	40.2
S036050		10.84	0.11	0.02	0.86	54.1	160	0.31	0.05	32.3	0.09	15.00	3.2	9	4.42	9.0
S036051		11.30	0.02	0.05	0.68	34.1	140	0.29	0.04	32.6	0.04	12.95	2.5	8	2.62	7.0
S036052		11.86	<0.01	0.02	1.12	61.4	140	0.40	0.06	32.0	0.10	17.55	3.7	12	4.44	10.4
S036053		5.15	0.01	0.01	0.41	49.1	150	0.18	0.02	33.4	0.02	8.05	1.8	5	1.23	4.8
S036054		11.11	0.22	0.04	2.75	408	170	0.72	0.14	22.3	0.15	34.2	8.5	28	13.40	24.4
S036055		7.02	<0.01	<0.01	0.07	<0.2	20	0.08	0.02	20.2	0.05	1.09	0.9	1	0.38	1.8
S036056		11.38	0.05	0.03	2.37	126.5	210	0.62	0.12	25.7	0.11	31.9	7.3	24	7.61	20.3
S036057		11.16	0.80	0.04	4.65	397	260	1.04	0.23	15.40	0.19	62.0	14.0	47	15.15	40.8
S036058		11.65	2.68	0.08	3.18	3380	210	0.67	0.14	20.2	0.12	43.9	9.4	33	11.70	26.6
S036059		11.09	0.10	0.01	0.68	99.1	110	0.29	0.03	33.0	0.02	10.60	2.5	7	1.90	6.6
S036060		11.60	0.01	0.01	0.56	52.8	240	0.30	0.03	32.9	0.03	9.07	2.1	6	1.72	5.4
S036061		11.71	0.02	0.01	0.86	67.2	130	0.30	0.05	31.4	0.03	12.60	3.1	9	2.63	7.7
S036062		10.75	<0.01	0.05	3.27	145.5	220	0.84	0.16	22.0	0.12	37.8	10.1	32	11.85	28.2
S036063		11.49	<0.01	0.02	0.71	32.3	240	0.33	0.03	32.7	0.04	11.65	2.3	8	2.34	6.8
S036064		5.29	<0.01	0.01	0.76	34.9	360	0.34	0.04	32.7	0.03	11.25	2.4	8	2.50	7.0
S036065		11.19	0.01	0.01	0.47	25.3	100	0.23	0.03	36.2	0.03	7.91	1.6	5	1.53	5.4
S036066		11.33	0.44	0.01	0.49	119.0	120	0.22	0.03	35.4	0.03	8.58	1.9	5	1.52	5.5
S036067		10.64	0.77	0.01	0.86	102.5	230	0.23	0.04	34.3	0.05	12.35	3.2	9	2.51	8.5
S036068		11.92	0.91	0.01	1.20	122.0	160	0.34	0.06	32.1	0.15	15.80	4.2	12	3.54	10.8
S036069		0.28	2.57	0.19	4.15	6660	220	1.02	0.14	13.15	0.15	43.7	13.0	49	11.70	36.8
S036070		11.44	0.23	0.02	1.11	99.5	140	0.30	0.06	34.1	0.05	15.95	3.9	11	3.18	10.3
S036071		10.90	1.48	0.01	1.78	184.0	180	0.44	0.09	30.2	0.21	25.4	5.9	18	4.73	15.9
S036072		5.76	1.04	0.03	2.45	207	210	0.66	0.13	27.3	0.12	32.8	7.7	25	9.07	20.5

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

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VANCOUVER BC V6B 1L8

Finalized Date: 11-JUL-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15093529

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-MS42	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	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
S036037		2.62	8.42	0.15	1.3	4.11	0.033	1.52	17.3	7.7	0.90	644	0.30	0.02	4.1	19.7
S036038		2.51	8.18	0.11	1.4	7.58	0.035	1.51	19.9	5.9	1.02	738	1.04	0.02	4.4	16.5
S036039		3.06	13.50	0.13	2.3	11.45	0.051	2.45	31.8	11.2	0.91	1240	0.78	0.03	7.4	26.8
S036040		1.20	4.29	0.08	0.7	11.50	0.013	0.74	11.7	5.7	0.28	1800	0.82	0.01	2.1	8.6
S036041		0.46	0.32	0.30	<0.1	0.023	<0.005	0.02	<0.5	1.3	12.30	195	0.07	<0.01	0.2	1.5
S036042		0.95	3.85	0.15	0.7	3.87	0.013	0.67	10.5	5.4	0.29	767	0.26	0.01	2.0	8.4
S036043		0.70	2.49	0.13	0.4	3.94	0.008	0.41	9.5	4.0	0.24	1290	0.15	0.01	1.3	4.8
S036044		0.67	2.31	0.13	0.4	3.80	0.007	0.39	8.7	3.7	0.22	1260	0.14	0.01	1.2	4.3
S036045		1.92	7.89	0.18	1.5	5.30	0.049	1.46	21.3	9.6	0.62	711	1.75	0.02	4.4	17.0
S036046		1.95	7.22	0.16	1.3	4.97	0.025	1.39	19.6	9.2	0.72	548	1.13	0.02	3.8	15.0
S036047		0.41	1.35	0.12	0.2	1.065	0.006	0.24	4.4	2.4	0.40	178	0.27	0.01	0.7	2.4
S036048		0.58	2.18	0.16	0.4	1.965	0.007	0.38	6.7	3.4	0.66	277	0.38	0.01	1.1	4.1
S036049		2.87	8.77	0.15	1.7	3.66	0.034	1.61	18.3	8.8	1.35	1140	1.45	0.02	5.6	22.5
S036050		0.60	2.27	0.15	0.4	2.09	0.010	0.41	7.4	3.8	0.40	455	0.49	0.01	1.2	4.5
S036051		0.50	1.87	0.15	0.3	1.230	0.007	0.32	5.8	3.4	0.54	194	0.36	0.01	1.0	3.5
S036052		0.73	2.92	0.14	0.5	2.36	0.013	0.53	8.4	5.3	0.57	204	0.45	0.02	1.6	5.6
S036053		0.35	1.18	0.14	0.2	1.295	0.006	0.19	3.8	2.0	0.29	199	0.18	0.01	0.6	2.2
S036054		1.66	6.84	0.18	1.3	7.69	0.031	1.29	18.8	8.8	0.64	429	1.39	0.02	3.7	14.4
S036055		0.46	0.35	0.26	<0.1	0.020	0.005	0.03	0.5	1.3	12.80	204	0.08	<0.01	0.2	1.4
S036056		1.59	6.01	0.19	1.1	4.12	0.021	1.13	18.0	6.9	0.82	445	1.12	0.02	3.2	12.1
S036057		2.98	11.65	0.19	2.0	9.15	0.045	2.17	33.6	11.6	1.16	1080	1.74	0.02	6.1	24.4
S036058		2.08	7.93	0.17	1.5	7.53	0.031	1.44	23.9	8.8	0.73	851	1.53	0.02	4.2	16.2
S036059		0.55	1.80	0.12	0.3	1.480	0.009	0.31	5.0	2.4	0.32	318	0.13	0.01	0.9	3.1
S036060		0.48	1.47	0.15	0.3	1.020	0.008	0.26	4.4	2.4	0.36	209	0.12	0.01	0.8	2.7
S036061		0.65	2.25	0.16	0.4	1.885	0.010	0.40	6.1	3.0	0.37	238	0.15	0.01	1.2	4.2
S036062		2.02	8.21	0.16	1.6	4.86	0.030	1.53	21.5	9.2	0.84	274	1.42	0.02	4.5	16.9
S036063		0.64	1.87	0.12	0.3	1.315	0.010	0.33	5.2	2.6	0.43	312	0.65	0.01	1.0	3.7
S036064		0.69	1.96	0.12	0.4	1.340	0.009	0.36	5.1	2.6	0.46	288	0.68	0.01	1.1	3.8
S036065		0.37	1.30	0.16	0.2	0.721	0.006	0.22	3.8	1.6	0.30	194	0.48	0.01	0.7	2.2
S036066		0.40	1.39	0.14	0.3	1.300	0.010	0.23	4.2	1.7	0.22	1120	0.13	0.01	0.7	2.1
S036067		0.69	2.39	0.14	0.4	2.39	0.010	0.39	6.5	2.7	0.24	1550	0.15	0.01	1.2	4.0
S036068		0.90	3.26	0.13	0.6	3.79	0.011	0.55	8.7	3.6	0.27	1170	0.27	0.01	1.8	5.9
S036069		3.11	10.85	0.15	2.1	15.70	0.038	1.90	22.4	11.4	2.75	1220	1.96	0.02	6.5	26.1
S036070		0.75	2.98	0.14	0.5	2.37	0.012	0.51	8.8	2.9	0.29	482	0.27	0.01	1.6	5.4
S036071		1.23	4.78	0.16	0.9	5.00	0.016	0.83	14.3	4.8	0.29	1000	0.47	0.01	2.6	9.1
S036072		1.65	6.47	0.16	1.2	5.30	0.024	1.14	18.4	7.1	0.55	916	1.35	0.02	3.7	12.8

***** 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: 11-JUL-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15093529

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
S036037		330	8.1	74.1	<0.002	2.09	0.89	9.7	1	1.0	631	0.29	<0.05	3.9	0.177	8.96
S036038		290	12.3	71.2	0.004	2.21	2.55	8.1	1	0.9	635	0.32	0.07	5.0	0.167	14.25
S036039		300	15.3	118.0	0.002	2.98	26.6	14.9	1	1.6	461	0.51	0.11	7.9	0.300	20.5
S036040		200	6.3	35.0	0.003	1.27	28.1	9.3	1	0.4	1150	0.15	0.07	2.3	0.087	29.3
S036041		160	1.3	0.9	<0.002	0.01	0.06	0.2	<1	<0.2	49.2	<0.05	<0.05	<0.2	<0.005	0.11
S036042		160	4.4	31.5	<0.002	0.98	5.65	4.8	1	0.4	1415	0.14	0.05	2.2	0.082	9.40
S036043		260	3.6	19.8	<0.002	0.72	6.40	6.1	1	0.2	1315	0.09	<0.05	1.6	0.052	10.20
S036044		260	3.4	18.3	<0.002	0.69	6.03	5.9	1	0.2	1285	0.08	<0.05	1.5	0.050	9.53
S036045		230	9.9	65.7	0.005	2.02	2.14	7.8	2	0.9	740	0.31	0.07	4.8	0.181	12.55
S036046		180	9.0	63.3	0.004	2.00	4.77	6.2	1	0.8	1230	0.26	<0.05	4.2	0.160	12.35
S036047		350	2.6	9.7	<0.002	0.37	0.37	1.4	1	<0.2	1575	0.05	<0.05	0.9	0.028	3.01
S036048		280	3.8	16.3	0.002	0.54	0.98	2.1	1	0.2	1415	0.08	<0.05	1.4	0.044	4.99
S036049		350	7.8	73.7	<0.002	2.40	8.45	8.6	1	1.2	681	0.38	0.05	5.1	0.255	9.21
S036050		370	4.2	19.7	0.002	0.60	1.98	2.5	1	0.2	1635	0.09	<0.05	1.4	0.050	5.82
S036051		280	3.3	13.8	<0.002	0.45	0.71	2.0	1	0.2	1645	0.07	<0.05	1.2	0.039	3.27
S036052		220	5.9	25.2	0.003	0.67	0.51	2.7	1	0.4	1750	0.11	<0.05	1.8	0.064	4.77
S036053		220	2.9	8.1	<0.002	0.28	0.29	1.2	1	<0.2	1805	0.05	<0.05	0.7	0.025	2.29
S036054		260	12.0	59.3	0.004	1.64	4.62	7.1	1	0.7	891	0.26	0.07	4.2	0.156	13.35
S036055		180	1.2	2.0	<0.002	<0.01	<0.05	0.2	<1	<0.2	45.7	<0.05	<0.05	<0.2	<0.005	0.06
S036056		210	9.0	50.3	0.004	1.41	1.87	6.0	1	0.7	1250	0.23	0.06	3.6	0.132	8.33
S036057		230	14.3	96.6	0.005	3.11	11.55	10.7	2	1.2	561	0.43	0.08	6.9	0.261	21.5
S036058		220	19.8	62.6	0.005	2.29	12.95	7.0	1	0.9	929	0.31	0.07	4.9	0.182	13.00
S036059		260	4.0	12.8	<0.002	0.51	1.15	2.1	1	0.2	1425	0.07	<0.05	1.1	0.038	2.22
S036060		160	2.9	10.5	<0.002	0.40	0.52	1.7	1	0.2	1540	0.05	<0.05	0.9	0.032	1.44
S036061		150	3.9	17.7	<0.002	0.58	0.54	2.3	1	0.2	1420	0.09	<0.05	1.4	0.050	2.06
S036062		190	14.6	67.6	0.004	2.00	0.82	6.7	1	1.0	1135	0.33	0.06	5.0	0.189	7.86
S036063		330	3.3	13.4	0.002	0.53	0.23	2.0	1	0.2	1600	0.07	<0.05	1.2	0.040	1.99
S036064		350	3.4	15.8	0.002	0.56	0.25	2.0	1	0.2	1595	0.07	<0.05	1.2	0.043	2.12
S036065		550	2.4	9.5	0.002	0.32	0.32	1.3	<1	0.2	1610	<0.05	<0.05	0.8	0.025	1.48
S036066		220	2.8	10.0	<0.002	0.38	2.46	3.1	1	0.2	1420	0.05	<0.05	0.8	0.027	3.25
S036067		400	4.0	18.3	<0.002	0.74	4.91	5.4	1	0.3	1450	0.09	<0.05	1.4	0.046	5.94
S036068		340	5.7	25.7	<0.002	0.94	5.98	3.9	1	0.4	1515	0.13	<0.05	2.1	0.066	8.09
S036069		480	11.8	88.3	0.002	2.80	25.3	11.1	1	1.7	341	0.45	<0.05	6.5	0.272	47.9
S036070		220	5.7	23.2	<0.002	0.77	3.30	2.6	1	0.3	1530	0.12	<0.05	1.8	0.058	4.63
S036071		370	6.4	38.5	0.002	1.33	8.50	5.7	1	0.5	1605	0.19	<0.05	3.0	0.099	10.50
S036072		630	9.1	52.8	0.004	1.63	7.99	6.2	1	0.7	1310	0.25	<0.05	4.1	0.133	11.85

***** 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: 11-JUL-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15093529

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
S036037		1.6	56	4.4	14.6	31	49.6
S036038		2.0	49	3.9	15.4	61	51.6
S036039		2.9	84	6.0	21.0	129	90.1
S036040		2.6	27	1.6	16.8	42	30.1
S036041		0.6	2	0.1	0.7	17	<0.5
S036042		2.1	22	1.5	12.0	25	27.8
S036043		2.0	14	1.1	12.4	11	17.9
S036044		1.9	13	1.0	12.1	9	15.8
S036045		2.4	54	4.9	18.6	127	55.1
S036046		2.7	45	2.7	16.7	51	48.1
S036047		2.0	8	0.5	10.1	6	8.8
S036048		2.2	13	0.9	12.8	24	13.5
S036049		2.1	72	4.9	15.6	46	63.6
S036050		2.3	15	1.0	13.6	14	15.4
S036051		2.1	12	0.7	12.6	8	11.8
S036052		2.4	18	1.3	13.2	15	20.5
S036053		1.6	6	0.5	9.6	4	7.9
S036054		2.4	46	2.8	17.0	50	48.2
S036055		0.5	2	0.1	0.8	16	<0.5
S036056		2.1	39	2.3	16.5	47	41.3
S036057		3.2	77	5.1	20.8	52	75.4
S036058		2.1	54	3.5	18.7	18	53.3
S036059		1.4	11	0.8	9.6	5	12.2
S036060		1.3	9	0.7	7.5	14	10.3
S036061		1.6	14	1.0	8.3	11	15.3
S036062		2.4	53	1.2	14.9	53	57.3
S036063		2.0	13	0.2	9.4	13	13.5
S036064		2.1	14	0.2	9.3	9	13.9
S036065		2.2	9	0.4	6.2	5	10.7
S036066		1.8	7	0.5	9.2	5	9.2
S036067		2.1	13	0.9	12.0	6	15.8
S036068		2.9	17	1.4	11.1	23	22.4
S036069		7.2	90	8.2	19.9	50	76.7
S036070		2.5	16	1.1	10.1	9	19.8
S036071		2.8	27	2.0	16.1	32	32.3
S036072		2.7	41	2.6	17.4	32	46.2

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VANCOUVER BC V6B 1L8

Project: NADALEEN

Finalized Date: 11-JUL-2015
Account: RCM

CERTIFICATE OF ANALYSIS WH15093529

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.

BAG-06	CRU-31	CRU-QC	LOG-21
LOG-21d	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-MS42	ME-MS61

APPENDIX VI

RAB DRILLING - SAMPLING METHODS, ANALYSIS AND DATA VERIFICATION

2015 RAB Drill Sampling Methods, Sample Analysis, and Data Verification

Geological logging was done on all RAB drill material (chips) in 2015. Data that was collected includes

1.) Footage
2.) Rock Type
3.) Weathering
4.) HCL reactivity
5.) Colour
6.) Alteration
7.) Colour
8.) Minerals
9.) Written Description

In the event that there were two or more visually distinct rock types, a percentage field was available to discriminate between the different types.

Data was entered into an application on a digital tablet that synced with the existing drill hole database when the tablet returned to camp. A representative collective of chips and pulverised material was also collected and stored in plastic chip boxes, and labelled with their respective hole number, footage and sample number.

Photographs were taken of each 5 foot run, and if there were two or more visually distinct rock types they were separated for the photo.

Samples for analysis was collected from a 5 gallon pail that collected material from each 5 foot run. The material was homogenized by hand and approximately 5 lbs of material was scooped into a plastic sample bag. This bag was then doubled bagged and had an ALS assay tag inserted between the bags.

Sample Handling and Security

Samples were flown by helicopter from the drill sites back to 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.

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 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

Collar Locations

All drill hole collars were located and recorded using a handheld GPS.

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) Correlating geochemistry to logged date: After final results were received, data was plotted against logged data to test for any downhole smearing of material. For example, if there was a rock type change from limestone to shale, employees would check to see if there was a trailing level of Calcium in the subsequent samples, which would indicate downhole smearing. Observed data from 2015 showed no indication of any smearing or similar contamination from any of the drill samples.

APPENDIX VII

RAB DRILLING - GEOLOGICAL AND SAMPLE LOGS

Rackla Gold Property - Nadaleen Trend Project

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		619453	7113094	1492	23.47

ZONE: Anubis

SECTION:

HOLE: ARB-15-002

CLAIM: Sten 130

Contractor: Superior

Drill: 1

Core Size:

Casing Depth:

Drilling Dates: Jun 22 - Jun 22, 2015

Geology Logged By: R. Phillips

SURVEY			
Depth (m)	Azimuth	Dip	Method

TARGET:

SUMMARY

SAMPLES	
Numbers:	
Total:	
Batch:	
Certificates:	

COMMENTS
collared above 2013 trench, drilling targeting northern fault. Hole shutdown after drilling past fault into lst where there isn't any strong geochem away from fault. All units in ft

ARB-15-001

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
3.05	4.57	1.52				R501301	15-A01	RAB		☐	☐	☐
4.57	6.10	1.53				R501302	15-A01	RAB		☐	☐	☐
6.10	7.62	1.52				R501303	15-A01	RAB		☐	☐	☐
7.62	9.14	1.52				R501304	15-A01	RAB		☐	☐	☐
9.14	10.67	1.53				R501305	15-A01	RAB		☐	☐	☐
10.67	12.19	1.52				R501306	15-A01	RAB		☐	☐	☐
18.29	19.81	1.52				R501307	15-A01	RAB		☐	☐	☐
19.81	21.34	1.53				R501308	15-A01	RAB		☐	☐	☐

Rackla Gold Property - Nadaleen Trend Project

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		619453	7113094	1492	23.47

ZONE: Anubis

SECTION:

HOLE: ARB-15-002

CLAIM: Sten 130

Contractor: Superior

Drill: 1

Core Size:

Casing Depth:

Drilling Dates: Jun 22 - Jun 22, 2015

Geology Logged By: R. Phillips

SURVEY			
Depth (m)	Azimuth	Dip	Method

TARGET:

SUMMARY

SAMPLES	
Numbers:	R501309 to R501318
Total:	10
Batch:	A01
Certificates:	WH15093527

COMMENTS
collared above 2013 trench, drilling targeting northern fault. Hole shutdown after drilling past fault into lst where there isn't any strong geochem away from fault. All units in ft

ARB-15-002

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
3.05	4.57	1.52				R501309	15-A01	RAB		☐	☐	☐
4.57	6.10	1.53				R501310	15-A01	RAB		☐	☐	☐
6.10	7.62	1.52				R501311	15-A01	RAB		☐	☐	☐
7.62	9.14	1.52				R501312	15-A01	RAB		☐	☐	☐
9.14	10.67	1.53				R501313	15-A01	RAB		☐	☐	☐
10.67	12.19	1.52				R501314	15-A01	RAB		☐	☐	☐
12.19	13.72	1.53				R501315	15-A01	RAB		☐	☐	☐
13.72	15.24	1.52				R501316	15-A01	RAB		☐	☐	☐
15.24	16.76	1.52				R501317	15-A01	RAB		☐	☐	☐
16.76	18.29	1.53				R501318	15-A01	RAB		☐	☐	☐

Rackla Gold Property - Nadaleen Trend Project

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		619430	7113068	1491	27.43

ZONE: Anubis

SECTION:

HOLE: ARB-15-003

CLAIM: Sten 130

Contractor: Superior

Drill: 1

Core Size:

Casing Depth:

Drilling Dates: Jun 23 - Jun 23, 2015

Geology Logged By: R. Phillips

SURVEY			
Depth (m)	Azimuth	Dip	Method

TARGET:

SUMMARY

SAMPLES	
Numbers:	R501319 to R501335
Total:	17
Batch:	A01
Certificates:	WH15093527

COMMENTS
undercut of ARB-15-002, to drill through alltn zone and get dip of n. fault. all units in ft

ARB-15-003

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
1.52	3.05	1.53				R501319	15-A01	RAB		☐	☐	☐
3.05	4.57	1.52				R501320	15-A01	RAB		☐	☐	☐
4.57	6.10	1.53				R501321	15-A01	RAB		☐	☐	☐
6.10	7.62	1.52				R501322	15-A01	RAB		☐	☐	☐
7.62	9.14	1.52				R501323	15-A01	RAB		☐	☐	☐
9.14	10.67	1.53				R501324	15-A01	RAB		☐	☐	☐
10.67	12.19	1.52				R501325	15-A01	RAB		☐	☐	☐
12.19	13.72	1.53				R501326	15-A01	RAB		☐	☐	☐
13.72	15.24	1.52				R501327	15-A01	RAB		☐	☐	☐
15.24	16.76	1.52				R501328	15-A01	RAB		☐	☐	☐
16.76	18.29	1.53				R501329	15-A01	RAB		☐	☐	☐
18.29	19.81	1.52				R501330	15-A01	RAB		☐	☐	☐
19.81	21.34	1.53				R501331	15-A01	RAB		☐	☐	☐
21.34	22.86	1.52				R501332	15-A01	RAB		☐	☐	☐
22.86	24.38	1.52				R501333	15-A01	RAB		☐	☐	☐
24.38	25.91	1.53				R501334	15-A01	RAB		☐	☐	☐
25.91	27.43	1.52				R501335	15-A01	RAB		☐	☐	☐

Rackla Gold Property - Nadaleen Trend Project

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		619308	7112871	1513	24.38

ZONE: Anubis

SECTION:

HOLE: ARB-15-004

CLAIM: Sten 130

Contractor: Superior

Drill: 1

Core Size:

Casing Depth:

Drilling Dates: Jun 24 - Jun 24, 2015

Geology Logged By: R. Phillips

SURVEY			
Depth (m)	Azimuth	Dip	Method

TARGET:

SUMMARY

SAMPLES	
Numbers:	R501336 to R501350
Total:	15
Batch:	A01
Certificates:	WH15093527

COMMENTS
targeting near Anubis fault, all units in feet

ARB-15-004

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
1.52	3.05	1.53				R501336	15-A01	RAB		☐	☐	☐
3.05	4.57	1.52				R501337	15-A01	RAB		☐	☐	☐
4.57	6.10	1.53				R501338	15-A01	RAB		☐	☐	☐
6.10	7.62	1.52				R501339	15-A01	RAB		☐	☐	☐
7.62	9.14	1.52				R501340	15-A01	RAB		☐	☐	☐
9.14	10.67	1.53				R501341	15-A01	RAB		☐	☐	☐
10.67	12.19	1.52				R501342	15-A01	RAB		☐	☐	☐
12.19	13.72	1.53				R501343	15-A01	RAB		☐	☐	☐
13.72	15.24	1.52				R501344	15-A01	RAB		☐	☐	☐
15.24	16.76	1.52				R501345	15-A01	RAB		☐	☐	☐
16.76	18.29	1.53				R501346	15-A01	RAB		☐	☐	☐
18.29	19.81	1.52				R501347	15-A01	RAB		☐	☐	☐
19.81	21.34	1.53				R501348	15-A01	RAB		☐	☐	☐
21.34	22.86	1.52				R501349	15-A01	RAB		☐	☐	☐
22.86	24.38	1.52				R501350	15-A01	RAB		☐	☐	☐

Rackla Gold Property - Nadaleen Trend Project

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		619274	7112835	1521	31.39

ZONE: Anubis

SECTION:

HOLE: ARB-15-005

CLAIM: Sten 130

Contractor: Superior

Drill: 1

Core Size:

Casing Depth:

Drilling Dates: Jun 25 - Jun 25, 2015

Geology Logged By: R. Phillips

SURVEY			
Depth (m)	Azimuth	Dip	Method

TARGET:

SUMMARY

SAMPLES	
Numbers:	R501351 to R501369
Total:	19
Batch:	A02
Certificates:	WH15094748

COMMENTS
targeting Anubis fault. all units in feet

Sample Log

ARB-15-005

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
2.44	3.96	1.52				R501351	15-A02	RAB		☐	☐	☐
3.96	5.49	1.53				R501352	15-A02	RAB		☐	☐	☐
5.49	7.01	1.52				R501353	15-A02	RAB		☐	☐	☐
7.01	8.53	1.52				R501354	15-A02	RAB		☐	☐	☐
8.53	10.06	1.53				R501355	15-A02	RAB		☐	☐	☐
10.06	11.58	1.52				R501356	15-A02	RAB		☐	☐	☐
11.58	13.11	1.53				R501357	15-A02	RAB		☐	☐	☐
13.11	14.63	1.52				R501358	15-A02	RAB		☐	☐	☐
14.63	16.15	1.52				R501359	15-A02	RAB		☐	☐	☐
16.15	17.68	1.53				R501360	15-A02	RAB		☐	☐	☐
17.68	19.20	1.52				R501361	15-A02	RAB		☐	☐	☐
19.20	20.73	1.53				R501362	15-A02	RAB		☐	☐	☐
20.73	22.25	1.52				R501363	15-A02	RAB		☐	☐	☐
22.25	23.77	1.52				R501364	15-A02	RAB		☐	☐	☐
23.77	25.30	1.53				R501365	15-A02	RAB		☐	☐	☐
25.30	26.82	1.52				R501366	15-A02	RAB		☐	☐	☐
26.82	28.35	1.53				R501367	15-A02	RAB		☐	☐	☐
28.35	29.87	1.52				R501368	15-A02	RAB		☐	☐	☐
29.87	31.39	1.52				R501369	15-A02	RAB		☐	☐	☐

Rackla Gold Property - Nadaleen Trend Project

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		619274	7112833	1517	61.87

ZONE: Anubis

SECTION:

HOLE: ARB-15-006

CLAIM: Sten 130

Contractor: Superior

Drill: 1

Core Size:

Casing Depth:

Drilling Dates: Jun 25 - Jun 26, 2015

Geology Logged By: R. Phillips

SURVEY			
Depth (m)	Azimuth	Dip	Method

TARGET:

SUMMARY

SAMPLES	
Numbers:	R501370 to R501408
Total:	39
Batch:	A02
Certificates:	WH15094748

COMMENTS
targeting down dip of Anubis fault

ARB-15-006

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
2.44	3.96	1.52				R501370	15-A02	RAB		☐	☐	☐
3.96	5.49	1.53				R501371	15-A02	RAB		☐	☐	☐
5.49	7.01	1.52				R501372	15-A02	RAB		☐	☐	☐
7.01	8.53	1.52				R501373	15-A02	RAB		☐	☐	☐
8.53	10.06	1.53				R501374	15-A02	RAB		☐	☐	☐
10.06	11.58	1.52				R501375	15-A02	RAB		☐	☐	☐
11.58	13.11	1.53				R501376	15-A02	RAB		☐	☐	☐
13.11	14.63	1.52				R501377	15-A02	RAB		☐	☐	☐
14.63	16.15	1.52				R501378	15-A02	RAB		☐	☐	☐
16.15	17.68	1.53				R501379	15-A02	RAB		☐	☐	☐
17.68	19.20	1.52				R501380	15-A02	RAB		☐	☐	☐
19.20	20.73	1.53				R501381	15-A02	RAB		☐	☐	☐
20.73	22.25	1.52				R501382	15-A02	RAB		☐	☐	☐
22.25	23.77	1.52				R501383	15-A02	RAB		☐	☐	☐
23.77	25.30	1.53				R501384	15-A02	RAB		☐	☐	☐
25.30	26.82	1.52				R501385	15-A02	RAB		☐	☐	☐
26.82	28.35	1.53				R501386	15-A02	RAB		☐	☐	☐
28.35	29.87	1.52				R501387	15-A02	RAB		☐	☐	☐
29.87	31.39	1.52				R501388	15-A02	RAB		☐	☐	☐
31.39	32.92	1.53				R501389	15-A02	RAB		☐	☐	☐
32.92	34.44	1.52				R501390	15-A02	RAB		☐	☐	☐
34.44	35.97	1.53				R501391	15-A02	RAB		☐	☐	☐
35.97	37.49	1.52				R501392	15-A02	RAB		☐	☐	☐
37.49	39.01	1.52				R501393	15-A02	RAB		☐	☐	☐
39.01	40.54	1.53				R501394	15-A02	RAB		☐	☐	☐
40.54	42.06	1.52				R501395	15-A02	RAB		☐	☐	☐
42.06	43.59	1.53				R501396	15-A02	RAB		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
43.59	45.11	1.52				R501397	15-A02	RAB		☐	☐	☐
45.11	46.63	1.52				R501398	15-A02	RAB		☐	☐	☐
46.63	48.16	1.53				R501399	15-A02	RAB		☐	☐	☐
48.16	49.68	1.52				R501400	15-A02	RAB		☐	☐	☐
49.68	51.21	1.53				R501401	15-A02	RAB		☐	☐	☐
51.21	52.73	1.52				R501402	15-A02	RAB		☐	☐	☐
52.73	54.25	1.52				R501403	15-A02	RAB		☐	☐	☐
54.25	55.78	1.53				R501404	15-A02	RAB		☐	☐	☐
55.78	57.30	1.52				R501405	15-A02	RAB		☐	☐	☐
57.30	58.83	1.53				R501406	15-A02	RAB		☐	☐	☐
58.83	60.35	1.52				R501407	15-A02	RAB		☐	☐	☐
60.35	61.87	1.52				R501408	15-A02	RAB		☐	☐	☐

Rackla Gold Property - Nadaleen Trend Project

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		619304	7113260	1492	19.81

ZONE: Anubis

SECTION:

HOLE: ARB-15-007

CLAIM: Dale 11

Contractor: Superior

Drill: 1

Core Size:

Casing Depth:

Drilling Dates: Jun 27 - Jun 27, 2015

Geology Logged By: R. Phillips

SURVEY			
Depth (m)	Azimuth	Dip	Method

TARGET:

SUMMARY

SAMPLES	
Numbers:	R501409 to R501421
Total:	13
Batch:	A02
Certificates:	WH15094748

COMMENTS

targeting football lst of n. fault and with zone. done in heavy rain so hard to log chips properly

ARB-15-007

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	1.52	1.52				R501409	15-A02	RAB		☐	☐	☐
1.52	3.05	1.53				R501410	15-A02	RAB		☐	☐	☐
3.05	4.57	1.52				R501411	15-A02	RAB		☐	☐	☐
4.57	6.10	1.53				R501412	15-A02	RAB		☐	☐	☐
6.10	7.62	1.52				R501413	15-A02	RAB		☐	☐	☐
7.62	9.14	1.52				R501414	15-A02	RAB		☐	☐	☐
9.14	10.67	1.53				R501415	15-A02	RAB		☐	☐	☐
10.67	12.19	1.52				R501416	15-A02	RAB		☐	☐	☐
12.19	13.72	1.53				R501417	15-A02	RAB		☐	☐	☐
13.72	15.24	1.52				R501418	15-A02	RAB		☐	☐	☐
15.24	16.76	1.52				R501419	15-A02	RAB		☐	☐	☐
16.76	18.29	1.53				R501420	15-A02	RAB		☐	☐	☐
18.29	19.81	1.52				R501421	15-A02	RAB		☐	☐	☐

Rackla Gold Property - Nadaleen Trend Project

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		618992	7113453	1415	32

ZONE: Anubis

SECTION:

HOLE: ARB-15-008

CLAIM: Dale 10

Contractor: Superior

Drill: 1

Core Size:

Casing Depth:

Drilling Dates: Jun 29 - Jul 01, 2015

Geology Logged By: R. Phillips

SURVEY			
Depth (m)	Azimuth	Dip	Method

TARGET:

SUMMARY

SAMPLES	
Numbers:	R501422 to R501441
Total:	20
Batch:	A03
Certificates:	WH15097641

COMMENTS
hole abandoned at 105 ft due to losing bit in hole

ARB-15-008

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
1.52	3.05	1.53				R501422	15-A03	RAB		☐	☐	☐
3.05	4.57	1.52				R501423	15-A03	RAB		☐	☐	☐
4.57	6.10	1.53				R501424	15-A03	RAB		☐	☐	☐
6.10	7.62	1.52				R501425	15-A03	RAB		☐	☐	☐
7.62	9.14	1.52				R501426	15-A03	RAB		☐	☐	☐
9.14	10.67	1.53				R501427	15-A03	RAB		☐	☐	☐
10.67	12.19	1.52				R501428	15-A03	RAB		☐	☐	☐
12.19	13.72	1.53				R501429	15-A03	RAB		☐	☐	☐
13.72	15.24	1.52				R501430	15-A03	RAB		☐	☐	☐
15.24	16.76	1.52				R501431	15-A03	RAB		☐	☐	☐
16.76	18.29	1.53				R501432	15-A03	RAB		☐	☐	☐
18.29	19.81	1.52				R501433	15-A03	RAB		☐	☐	☐
19.81	21.34	1.53				R501434	15-A03	RAB		☐	☐	☐
21.34	22.86	1.52				R501435	15-A03	RAB		☐	☐	☐
22.86	24.38	1.52				R501436	15-A03	RAB		☐	☐	☐
24.38	25.91	1.53				R501437	15-A03	RAB		☐	☐	☐
25.91	27.43	1.52				R501438	15-A03	RAB		☐	☐	☐
27.43	28.96	1.53				R501439	15-A03	RAB		☐	☐	☐
28.96	30.48	1.52				R501440	15-A03	RAB		☐	☐	☐
30.48	32.00	1.52				R501441	15-A03	RAB		☐	☐	☐

Rackla Gold Property - Nadaleen Trend Project

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		618991	7113450	1413	13.72

ZONE: Anubis

SECTION:

HOLE: ARB-15-009

CLAIM: Dale 10

Contractor: Superior

Drill: 1

Core Size:

Casing Depth:

Drilling Dates: Jul 01 - Jul 02, 2015

Geology Logged By: R. Phillips

SURVEY			
Depth (m)	Azimuth	Dip	Method

TARGET:

SUMMARY

SAMPLES	
Numbers:	R501442 to R501444
Total:	3
Batch:	A03
Certificates:	WH15097641

COMMENTS
angle hole testing footwall lst of n. fault. hole abandoned due to lost circulation of air and lost casing shoe down hole

ARB-15-009

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
9.14	10.67	1.53				R501442	15-A03	RAB		☐	☐	☐
10.67	12.19	1.52				R501443	15-A03	RAB		☐	☐	☐
12.19	13.72	1.53				R501444	15-A03	RAB		☐	☐	☐

Rackla Gold Property - Nadaleen Trend Project

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		618661	7113140	1362	62.48

ZONE: Anubis

SECTION:

HOLE: ARB-15-010

CLAIM: Sten 134

Contractor: Superior

Drill: 1

Core Size:

Casing Depth:

Drilling Dates: Jul 04 -

Geology Logged By: R. Phillips

SURVEY			
Depth (m)	Azimuth	Dip	Method

TARGET:

SUMMARY

SAMPLES	
Numbers:	R501445 to R501484
Total:	40
Batch:	A04, A05
Certificates:	WH15099167, WH15100625

COMMENTS
First Ana hole, starting in footwall of Anubis fault.

ARB-15-010

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
1.52	3.05	1.53				R501445	15-A04	RAB		☐	☐	☐
3.05	4.57	1.52				R501446	15-A04	RAB		☐	☐	☐
4.57	6.10	1.53				R501447	15-A04	RAB		☐	☐	☐
6.10	7.62	1.52				R501448	15-A04	RAB		☐	☐	☐
7.62	9.14	1.52				R501449	15-A04	RAB		☐	☐	☐
9.14	10.67	1.53				R501450	15-A04	RAB		☐	☐	☐
10.67	12.19	1.52				R501451	15-A04	RAB		☐	☐	☐
12.19	13.72	1.53				R501452	15-A04	RAB		☐	☐	☐
13.72	15.24	1.52				R501453	15-A04	RAB		☐	☐	☐
15.24	16.76	1.52				R501454	15-A04	RAB		☐	☐	☐
16.76	18.29	1.53				R501455	15-A04	RAB		☐	☐	☐
18.29	19.81	1.52				R501456	15-A04	RAB		☐	☐	☐
19.81	21.34	1.53				R501457	15-A04	RAB		☐	☐	☐
21.34	22.86	1.52				R501458	15-A04	RAB		☐	☐	☐
22.86	24.38	1.52				R501459	15-A04	RAB		☐	☐	☐
24.38	25.91	1.53				R501460	15-A04	RAB		☐	☐	☐
25.91	27.43	1.52				R501461	15-A04	RAB		☐	☐	☐
27.43	28.96	1.53				R501462	15-A04	RAB		☐	☐	☐
28.96	30.48	1.52				R501463	15-A04	RAB		☐	☐	☐
30.48	32.00	1.52				R501464	15-A04	RAB		☐	☐	☐
32.00	33.53	1.53				R501465	15-A04	RAB		☐	☐	☐
33.53	35.05	1.52				R501466	15-A04	RAB		☐	☐	☐
35.05	36.58	1.53				R501467	15-A04	RAB		☐	☐	☐
36.58	38.10	1.52				R501468	15-A04	RAB		☐	☐	☐
38.10	39.62	1.52				R501469	15-A04	RAB		☐	☐	☐
39.62	41.15	1.53				R501470	15-A04	RAB		☐	☐	☐
41.15	42.67	1.52				R501471	15-A04	RAB		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
42.67	44.20	1.53				R501472	15-A05	RAB		☐	☐	☐
44.20	45.72	1.52				R501473	15-A05	RAB		☐	☐	☐
45.72	47.24	1.52				R501474	15-A05	RAB		☐	☐	☐
47.24	48.77	1.53				R501475	15-A05	RAB		☐	☐	☐
48.77	50.29	1.52				R501476	15-A05	RAB		☐	☐	☐
50.29	51.82	1.53				R501477	15-A05	RAB		☐	☐	☐
51.82	53.34	1.52				R501478	15-A05	RAB		☐	☐	☐
53.34	54.86	1.52				R501479	15-A05	RAB		☐	☐	☐
54.86	56.39	1.53				R501480	15-A05	RAB		☐	☐	☐
56.39	57.91	1.52				R501481	15-A05	RAB		☐	☐	☐
57.91	59.44	1.53				R501482	15-A05	RAB		☐	☐	☐
59.44	60.96	1.52				R501483	15-A05	RAB		☐	☐	☐
60.96	62.48	1.52				R501484	15-A05	RAB		☐	☐	☐

Rackla Gold Property - Nadaleen Trend Project

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		618615	7113159	1364	62.48

ZONE: Anubis

SECTION:

HOLE: ARB-15-011

CLAIM: Sten 134

Contractor: Superior

Drill: 1

Core Size:

Casing Depth:

Drilling Dates: Jul 05 -

Geology Logged By: R. Phillips

SURVEY			
Depth (m)	Azimuth	Dip	Method

TARGET:

SUMMARY

SAMPLES	
Numbers:	Q011351 to Q011374, R501485 to R501500
Total:	40
Batch:	A04, A05
Certificates:	WH15100625

COMMENTS

ARB-15-011

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
1.52	3.05	1.53				R501485	15-A05	RAB		☐	☐	☐
3.05	4.57	1.52				R501486	15-A05	RAB		☐	☐	☐
4.57	6.10	1.53				R501487	15-A05	RAB		☐	☐	☐
6.10	7.62	1.52				R501488	15-A05	RAB		☐	☐	☐
7.62	9.14	1.52				R501489	15-A05	RAB		☐	☐	☐
9.14	10.67	1.53				R501490	15-A05	RAB		☐	☐	☐
10.67	12.19	1.52				R501491	15-A05	RAB		☐	☐	☐
12.19	13.72	1.53				R501492	15-A05	RAB		☐	☐	☐
13.72	15.24	1.52				R501493	15-A05	RAB		☐	☐	☐
15.24	16.76	1.52				R501494	15-A05	RAB		☐	☐	☐
16.76	18.29	1.53				R501495	15-A05	RAB		☐	☐	☐
18.29	19.81	1.52				R501496	15-A05	RAB		☐	☐	☐
19.81	21.34	1.53				R501497	15-A05	RAB		☐	☐	☐
21.34	22.86	1.52				R501498	15-A05	RAB		☐	☐	☐
22.86	24.38	1.52				R501499	15-A05	RAB		☐	☐	☐
24.38	25.91	1.53				R501500	15-A05	RAB		☐	☐	☐
25.91	27.43	1.52				Q011351	15-A05	RAB		☐	☐	☐
27.43	28.96	1.53				Q011352	15-A05	RAB		☐	☐	☐
28.96	30.48	1.52				Q011353	15-A05	RAB		☐	☐	☐
30.48	32.00	1.52				Q011354	15-A05	RAB		☐	☐	☐
32.00	33.53	1.53				Q011355	15-A05	RAB		☐	☐	☐
33.53	35.05	1.52				Q011356	15-A05	RAB		☐	☐	☐
35.05	36.58	1.53				Q011357	15-A05	RAB		☐	☐	☐
36.58	38.10	1.52				Q011358	15-A05	RAB		☐	☐	☐
38.10	39.62	1.52				Q011359	15-A05	RAB		☐	☐	☐
39.62	41.15	1.53				Q011360	15-A04	RAB		☐	☐	☐
41.15	42.67	1.52				Q011361	15-A05	RAB		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
42.67	44.20	1.53				Q011362	15-A05	RAB		☐	☐	☐
44.20	45.72	1.52				Q011363	15-A05	RAB		☐	☐	☐
45.72	47.24	1.52				Q011364	15-A05	RAB		☐	☐	☐
47.24	48.77	1.53				Q011365	15-A05	RAB		☐	☐	☐
48.77	50.29	1.52				Q011366	15-A05	RAB		☐	☐	☐
50.29	51.82	1.53				Q011367	15-A05	RAB		☐	☐	☐
51.82	53.34	1.52				Q011368	15-A05	RAB		☐	☐	☐
53.34	54.86	1.52				Q011369	15-A05	RAB		☐	☐	☐
54.86	56.39	1.53				Q011370	15-A05	RAB		☐	☐	☐
56.39	57.91	1.52				Q011371	15-A05	RAB		☐	☐	☐
57.91	59.44	1.53				Q011372	15-A05	RAB		☐	☐	☐
59.44	60.96	1.52				Q011373	15-A05	RAB		☐	☐	☐
60.96	62.48	1.52				Q011374	15-A05	RAB		☐	☐	☐

Rackla Gold Property - Nadaleen Trend Project

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		618577	7113187	1372	62.48

ZONE: Anubis

SECTION:

HOLE: ARB-15-012

CLAIM: T 2694

Contractor: Superior

Drill: 1

Core Size:

Casing Depth:

Drilling Dates: Jul 06 - Jul 06, 2015

Geology Logged By: R. Phillips

SURVEY			
Depth (m)	Azimuth	Dip	Method

TARGET:

SUMMARY

SAMPLES	
Numbers:	Q011375 to q011400, r607001 to r607013
Total:	39
Batch:	A05
Certificates:	WH15100625

COMMENTS
hole progressed well to max depth of 205 ft which was the max number of rods. variable oxidized zones throughout hole. hole was drilled off Ana road.

ARB-15-012

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
1.52	3.05	1.53				Q011375	15-A05	RAB		☐	☐	☐
3.05	4.57	1.52				Q011376	15-A05	RAB		☐	☐	☐
4.57	6.10	1.53				q011377	15-A05	RAB		☐	☐	☐
6.10	7.62	1.52				q011378	15-A05	RAB		☐	☐	☐
7.62	9.14	1.52				q011379	15-A05	RAB		☐	☐	☐
9.14	10.67	1.53				q011380	15-A05	RAB		☐	☐	☐
10.67	12.19	1.52				q011381	15-A05	RAB		☐	☐	☐
12.19	13.72	1.53				q011382	15-A05	RAB		☐	☐	☐
13.72	15.24	1.52				q011383	15-A05	RAB		☐	☐	☐
15.24	16.76	1.52				q011384	15-A05	RAB		☐	☐	☐
16.76	18.29	1.53				q011385	15-A05	RAB		☐	☐	☐
18.29	19.81	1.52				q011386	15-A05	RAB		☐	☐	☐
19.81	21.34	1.53				q011387	15-A05	RAB		☐	☐	☐
21.34	22.86	1.52				Q011388	15-A05	RAB		☐	☐	☐
22.86	24.38	1.52				q011389	15-A05	RAB		☐	☐	☐
24.38	25.91	1.53				q011390	15-A05	RAB		☐	☐	☐
25.91	27.43	1.52				q011391	15-A05	RAB		☐	☐	☐
27.43	28.96	1.53				q011392	15-A05	RAB		☐	☐	☐
28.96	30.48	1.52				q011393	15-A05	RAB		☐	☐	☐
30.48	32.00	1.52				q011394	15-A05	RAB		☐	☐	☐
32.00	33.53	1.53				q011395	15-A05	RAB		☐	☐	☐
33.53	35.05	1.52				q011396	15-A05	RAB		☐	☐	☐
35.05	36.58	1.53				q011397	15-A05	RAB		☐	☐	☐
36.58	38.10	1.52				q011398	15-A05	RAB		☐	☐	☐
38.10	39.62	1.52				q011399	15-A05	RAB		☐	☐	☐
39.62	41.15	1.53				q011400	15-A05	RAB		☐	☐	☐
41.15	42.67	1.52				r607001	15-A05	RAB		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
42.67	44.20	1.53				r607002	15-A05	RAB		☐	☐	☐
44.20	45.72	1.52				r607003	15-A05	RAB		☐	☐	☐
45.72	47.24	1.52				r607004	15-A05	RAB		☐	☐	☐
47.24	48.77	1.53				r607005	15-A05	RAB		☐	☐	☐
48.77	50.29	1.52				r607006	15-A05	RAB		☐	☐	☐
50.29	51.82	1.53				r607007	15-A05	RAB		☐	☐	☐
51.82	53.34	1.52				r607008	15-A05	RAB		☐	☐	☐
53.34	54.86	1.52				r607009	15-A05	RAB		☐	☐	☐
54.86	56.39	1.53				r607010	15-A05	RAB		☐	☐	☐
56.39	57.91	1.52				r607011	15-A05	RAB		☐	☐	☐
57.91	59.44	1.53				r607012	15-A05	RAB		☐	☐	☐
59.44	60.96	1.52				r607013	15-A05	RAB		☐	☐	☐

Rackla Gold Property - Nadaleen Trend Project

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		618538	7113220	1367	24.38

ZONE: Anubis

SECTION:

HOLE: ARB-15-013

CLAIM: T 2964

Contractor: Superior

Drill: 1

Core Size:

Casing Depth:

Drilling Dates: Jul 06 - Jul 07, 2015

Geology Logged By: R. Phillips

SURVEY			
Depth (m)	Azimuth	Dip	Method

TARGET:

SUMMARY

SAMPLES	
Numbers:	r607015 to r607016, r607018 to r607026, r607917
Total:	12
Batch:	A05
Certificates:	WH15100625

COMMENTS
drilling started at 530 pm. last piece of casing pulled out at 5 pm the following day. the hammer bit was causing problems so we shut the hole down at 80 ft.

Sample Log

ARB-15-013

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
4.57	6.10	1.53				r607015	15-A05	RAB		☐	☐	☐
7.62	9.14	1.52				r607016	15-A05	RAB		☐	☐	☐
9.14	10.67	1.53				r607917	15-A05	RAB		☐	☐	☐
10.67	12.19	1.52				r607018	15-A05	RAB		☐	☐	☐
12.19	13.72	1.53				r607019	15-A05	RAB		☐	☐	☐
13.72	15.24	1.52				r607020	15-A05	RAB		☐	☐	☐
15.24	16.76	1.52				r607021	15-A05	RAB		☐	☐	☐
16.76	18.29	1.53				r607022	15-A05	RAB		☐	☐	☐
18.29	19.81	1.52				r607023	15-A05	RAB		☐	☐	☐
19.81	21.34	1.53				r607024	15-A05	RAB		☐	☐	☐
21.34	22.86	1.52				r607025	15-A05	RAB		☐	☐	☐
22.86	24.38	1.52				r607026	15-A05	RAB		☐	☐	☐

Rackla Gold Property - Nadaleen Trend Project

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		618491	7113236	1363	44.2

ZONE: Anubis

SECTION:

HOLE: ARB-15-014

CLAIM: T 2964

Contractor: Superior

Drill: 1

Core Size:

Casing Depth:

Drilling Dates: Jul 07 -

Geology Logged By: R. Phillips

SURVEY			
Depth (m)	Azimuth	Dip	Method

TARGET:

SUMMARY

SAMPLES	
Numbers:	r607027 to r607053
Total:	27
Batch:	A06
Certificates:	WH15102110

COMMENTS
Hole ended in limestone because there were three runs without much recovery (only dust), and the hole was sucking air.

ARB-15-014

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
3.05	4.57	1.52				r607027	15-A06	RAB		☐	☐	☐
4.57	6.10	1.53				r607028	15-A06	RAB		☐	☐	☐
6.10	7.62	1.52				r607029	15-A06	RAB		☐	☐	☐
7.62	9.14	1.52				r607030	15-A06	RAB		☐	☐	☐
9.14	10.67	1.53				r607031	15-A06	RAB		☐	☐	☐
10.67	12.19	1.52				r607032	15-A06	RAB		☐	☐	☐
12.19	13.72	1.53				r607033	15-A06	RAB		☐	☐	☐
13.72	15.24	1.52				r607034	15-A06	RAB		☐	☐	☐
15.24	16.76	1.52				r607035	15-A06	RAB		☐	☐	☐
16.76	18.29	1.53				r607036	15-A06	RAB		☐	☐	☐
18.29	19.81	1.52				r607037	15-A06	RAB		☐	☐	☐
19.81	21.34	1.53				r607038	15-A06	RAB		☐	☐	☐
21.34	22.86	1.52				r607039	15-A06	RAB		☐	☐	☐
22.86	24.38	1.52				r607040	15-A06	RAB		☐	☐	☐
24.38	25.91	1.53				r607041	15-A06	RAB		☐	☐	☐
25.91	27.43	1.52				r607042	15-A06	RAB		☐	☐	☐
27.43	28.96	1.53				r607043	15-A06	RAB		☐	☐	☐
28.96	30.48	1.52				r607044	15-A06	RAB		☐	☐	☐
30.48	32.00	1.52				r607045	15-A06	RAB		☐	☐	☐
32.00	33.53	1.53				r607046	15-A06	RAB		☐	☐	☐
33.53	35.05	1.52				r607047	15-A06	RAB		☐	☐	☐
35.05	36.58	1.53				r607048	15-A06	RAB		☐	☐	☐
36.58	38.10	1.52				r607049	15-A06	RAB		☐	☐	☐
38.10	39.62	1.52				r607050	15-A06	RAB		☐	☐	☐
39.62	41.15	1.53				r607051	15-A06	RAB		☐	☐	☐
41.15	42.67	1.52				r607052	15-A06	RAB		☐	☐	☐
42.67	44.20	1.53				r607053	15-A06	RAB		☐	☐	☐

Rackla Gold Property - Nadaleen Trend Project

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		618454	7113245	1365	62.48

ZONE: Anubis

SECTION:

HOLE: ARB-15-015

CLAIM: T 2964

Contractor: Superior

Drill: 1

Core Size:

Casing Depth:

Drilling Dates: Aug 07 -

Geology Logged By: R. Phillips

SURVEY			
Depth (m)	Azimuth	Dip	Method

TARGET:

SUMMARY

SAMPLES	
Numbers:	r607054 to r607091
Total:	38
Batch:	A06
Certificates:	WH15102110

COMMENTS

Hole was ended because it reached the max depth of rods. Several yellow/orange oxidized zones were encountered throughout. The hole did not intersect the Anubis Fault.

ARB-15-015

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
4.57	6.10	1.53				r607054	15-A06	RAB		☐	☐	☐
6.10	7.62	1.52				r607055	15-A06	RAB		☐	☐	☐
7.62	9.14	1.52				r607056	15-A06	RAB		☐	☐	☐
9.14	10.67	1.53				r607057	15-A06	RAB		☐	☐	☐
10.67	12.19	1.52				r607058	15-A06	RAB		☐	☐	☐
12.19	13.72	1.53				r607059	15-A06	RAB		☐	☐	☐
13.72	15.24	1.52				r607060	15-A06	RAB		☐	☐	☐
15.24	16.76	1.52				r607061	15-A06	RAB		☐	☐	☐
16.76	18.29	1.53				r607062	15-A06	RAB		☐	☐	☐
18.29	19.81	1.52				r607063	15-A06	RAB		☐	☐	☐
19.81	21.34	1.53				r607064	15-A06	RAB		☐	☐	☐
21.34	22.86	1.52				r607065	15-A06	RAB		☐	☐	☐
22.86	24.38	1.52				r607066	15-A06	RAB		☐	☐	☐
24.38	25.91	1.53				r607067	15-A06	RAB		☐	☐	☐
25.91	27.43	1.52				r607068	15-A06	RAB		☐	☐	☐
27.43	28.96	1.53				r607069	15-A06	RAB		☐	☐	☐
28.96	30.48	1.52				r607070	15-A06	RAB		☐	☐	☐
30.48	32.00	1.52				r607071	15-A06	RAB		☐	☐	☐
32.00	33.53	1.53				r607072	15-A06	RAB		☐	☐	☐
33.53	35.05	1.52				r607073	15-A06	RAB		☐	☐	☐
35.05	36.58	1.53				r607074	15-A06	RAB		☐	☐	☐
36.58	38.10	1.52				r607075	15-A06	RAB		☐	☐	☐
38.10	39.62	1.52				r607076	15-A06	RAB		☐	☐	☐
39.62	41.15	1.53				r607077	15-A06	RAB		☐	☐	☐
41.15	42.67	1.52				r607078	15-A06	RAB		☐	☐	☐
42.67	44.20	1.53				r607079	15-A06	RAB		☐	☐	☐
44.20	45.72	1.52				r607080	15-A06	RAB		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
45.72	47.24	1.52				r607081	15-A06	RAB		☐	☐	☐
47.24	48.77	1.53				r607082	15-A06	RAB		☐	☐	☐
48.77	50.29	1.52				r607083	15-A06	RAB		☐	☐	☐
50.29	51.82	1.53				r607084	15-A06	RAB		☐	☐	☐
51.82	53.34	1.52				r607085	15-A06	RAB		☐	☐	☐
53.34	54.86	1.52				r607086	15-A06	RAB		☐	☐	☐
54.86	56.39	1.53				r607087	15-A06	RAB		☐	☐	☐
56.39	57.91	1.52				r607088	15-A06	RAB		☐	☐	☐
57.91	59.44	1.53				r607089	15-A06	RAB		☐	☐	☐
59.44	60.96	1.52				r607090	15-A06	RAB		☐	☐	☐
60.96	62.48	1.52				r607091	15-A06	RAB		☐	☐	☐

Rackla Gold Property - Nadaleen Trend Project

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		618415	7113227	1346	15.24

ZONE: Anubis

SECTION:

HOLE: ARB-15-016

CLAIM: T 2964

Contractor: Superior

Drill: 1

Core Size:

Casing Depth:

Drilling Dates: Jul 10 -

Geology Logged By: R. Phillips

SURVEY			
Depth (m)	Azimuth	Dip	Method

TARGET:

SUMMARY

SAMPLES	
Numbers:	r607092 to r607100
Total:	9
Batch:	A06
Certificates:	WH15102110

COMMENTS

Hole abandoned due to clay sticking between rods and casing. Casing shoe broke off and is stuck down the hole.

ARB-15-016

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
1.52	3.05	1.53				r607092	15-A06	RAB		☐	☐	☐
3.05	4.57	1.52				r607093	15-A06	RAB		☐	☐	☐
4.57	6.10	1.53				r607094	15-A06	RAB		☐	☐	☐
6.10	7.62	1.52				r607095	15-A06	RAB		☐	☐	☐
7.62	9.14	1.52				r607096	15-A06	RAB		☐	☐	☐
9.14	10.67	1.53				r607097	15-A06	RAB		☐	☐	☐
10.67	12.19	1.52				r607098	15-A06	RAB		☐	☐	☐
12.19	13.72	1.53				r607099	15-A06	RAB		☐	☐	☐
13.72	15.24	1.52				r607100	15-A06	RAB		☐	☐	☐

Rackla Gold Property - Nadaleen Trend Project

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		618377	7113307		62.48

ZONE: Anubis

SECTION:

HOLE: ARB-15-017

CLAIM: T 2964

Contractor: Superior

Drill: 1

Core Size:

Casing Depth:

Drilling Dates: Nov 07 -

Geology Logged By: R. Phillips

SURVEY			
Depth (m)	Azimuth	Dip	Method

TARGET:

SUMMARY

SAMPLES	
Numbers:	r606110, r607101 to r607109, r607111 to r607140
Total:	40
Batch:	A06, A07
Certificates:	WH15102110, WH15106898

COMMENTS
Hole crossed the Anubis fault twice!

ARB-15-017

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
1.52	3.05	1.53				r607101	15-A06	RAB		☐	☐	☐
3.05	4.57	1.52				r607102	15-A06	RAB		☐	☐	☐
4.57	6.10	1.53				r607103	15-A06	RAB		☐	☐	☐
6.10	7.62	1.52				r607104	15-A06	RAB		☐	☐	☐
7.62	9.14	1.52				r607105	15-A06	RAB		☐	☐	☐
9.14	10.67	1.53				r607106	15-A06	RAB		☐	☐	☐
10.67	12.19	1.52				r607107	15-A06	RAB		☐	☐	☐
12.19	13.72	1.53				r607108	15-A06	RAB		☐	☐	☐
13.72	15.24	1.52				r607109	15-A07	RAB		☐	☐	☐
15.24	16.76	1.52				r606110	15-A07	RAB		☐	☐	☐
16.76	18.29	1.53				r607111	15-A07	RAB		☐	☐	☐
18.29	19.81	1.52				r607112	15-A07	RAB		☐	☐	☐
19.81	21.34	1.53				r607113	15-A07	RAB		☐	☐	☐
21.34	22.86	1.52				r607114	15-A07	RAB		☐	☐	☐
22.86	24.38	1.52				r607115	15-A07	RAB		☐	☐	☐
24.38	25.91	1.53				r607116	15-A07	RAB		☐	☐	☐
25.91	27.43	1.52				r607117	15-A07	RAB		☐	☐	☐
27.43	28.96	1.53				r607118	15-A07	RAB		☐	☐	☐
28.96	30.48	1.52				r607119	15-A07	RAB		☐	☐	☐
30.48	32.00	1.52				r607120	15-A07	RAB		☐	☐	☐
32.00	33.53	1.53				r607121	15-A07	RAB		☐	☐	☐
33.53	35.05	1.52				r607122	15-A07	RAB		☐	☐	☐
35.05	36.58	1.53				r607123	15-A07	RAB		☐	☐	☐
36.58	38.10	1.52				r607124	15-A07	RAB		☐	☐	☐
38.10	39.62	1.52				r607125	15-A07	RAB		☐	☐	☐
39.62	41.15	1.53				r607126	15-A07	RAB		☐	☐	☐
41.15	42.67	1.52				r607127	15-A07	RAB		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
42.67	44.20	1.53				r607128	15-A07	RAB		☐	☐	☐
44.20	45.72	1.52				r607129	15-A07	RAB		☐	☐	☐
45.72	47.24	1.52				r607130	15-A07	RAB		☐	☐	☐
47.24	48.77	1.53				r607131	15-A07	RAB		☐	☐	☐
48.77	50.29	1.52				r607132	15-A07	RAB		☐	☐	☐
50.29	51.82	1.53				r607133	15-A07	RAB		☐	☐	☐
51.82	53.34	1.52				r607134	15-A07	RAB		☐	☐	☐
53.34	54.86	1.52				r607135	15-A07	RAB		☐	☐	☐
54.86	56.39	1.53				r607136	15-A07	RAB		☐	☐	☐
56.39	57.91	1.52				r607137	15-A07	RAB		☐	☐	☐
57.91	59.44	1.53				r607138	15-A07	RAB		☐	☐	☐
59.44	60.96	1.52				r607139	15-A07	RAB		☐	☐	☐
60.96	62.48	1.52				r607140	15-A07	RAB		☐	☐	☐

Rackla Gold Property - Nadaleen Trend Project

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		618377	7113307	1341	9.14

ZONE: Anubis

SECTION:

HOLE: ARB-15-018

CLAIM: T 2964

Contractor: Superior

Drill: 1

Core Size:

Casing Depth:

Drilling Dates: Dec 07 -

Geology Logged By: R. Phillips

SURVEY			
Depth (m)	Azimuth	Dip	Method

TARGET:

SUMMARY

SAMPLES	
Numbers:	r607141 to r607145
Total:	5
Batch:	A07
Certificates:	WH15106898

COMMENTS

Casing was pulled to check the shoe at 30 feet. The shoe had spun off. The hole had to be abandoned and re-started.

ARB-15-018

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
1.52	3.05	1.53				r607141	15-A07	RAB		☐	☐	☐
3.05	4.57	1.52				r607142	15-A07	RAB		☐	☐	☐
4.57	6.10	1.53				r607143	15-A07	RAB		☐	☐	☐
6.10	7.62	1.52				r607144	15-A07	RAB		☐	☐	☐
7.62	9.14	1.52				r607145	15-A07	RAB		☐	☐	☐

Rackla Gold Property - Nadaleen Trend Project

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		618376	7113307	1341	62.48

ZONE: Anubis

SECTION:

HOLE: ARB-15-019

CLAIM: T 2964

Contractor: Superior

Drill: 1

Core Size:

Casing Depth:

Drilling Dates: Jul 13 - Jul 13, 2015

Geology Logged By: R. Phillips

SURVEY			
Depth (m)	Azimuth	Dip	Method

TARGET:

SUMMARY

SAMPLES	
Numbers:	r607146 to r607165, r607167 to r607180, r697166
Total:	35
Batch:	A07
Certificates:	WH15106898

COMMENTS
This hole is a re-drill of ARB-15-018. The top 30 feet will therefore NOT be sampled.

ARB-15-019

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
9.14	10.67	1.53				r607146	15-A07	RAB		☐	☐	☐
10.67	12.19	1.52				r607147	15-A07	RAB		☐	☐	☐
12.19	13.72	1.53				r607148	15-A07	RAB		☐	☐	☐
13.72	15.24	1.52				r607149	15-A07	RAB		☐	☐	☐
15.24	16.76	1.52				r607150	15-A07	RAB		☐	☐	☐
16.76	18.29	1.53				r607151	15-A07	RAB		☐	☐	☐
18.29	19.81	1.52				r607152	15-A07	RAB		☐	☐	☐
19.81	21.34	1.53				r607153	15-A07	RAB		☐	☐	☐
21.34	22.86	1.52				r607154	15-A07	RAB		☐	☐	☐
22.86	24.38	1.52				r607155	15-A07	RAB		☐	☐	☐
24.38	25.91	1.53				r607156	15-A07	RAB		☐	☐	☐
25.91	27.43	1.52				r607157	15-A07	RAB		☐	☐	☐
27.43	28.96	1.53				r607158	15-A07	RAB		☐	☐	☐
28.96	30.48	1.52				r607159	15-A07	RAB		☐	☐	☐
30.48	32.00	1.52				r607160	15-A07	RAB		☐	☐	☐
32.00	33.53	1.53				r607161	15-A07	RAB		☐	☐	☐
33.53	35.05	1.52				r607162	15-A07	RAB		☐	☐	☐
35.05	36.58	1.53				r607163	15-A07	RAB		☐	☐	☐
36.58	38.10	1.52				r607164	15-A07	RAB		☐	☐	☐
38.10	39.62	1.52				r607165	15-A07	RAB		☐	☐	☐
39.62	41.15	1.53				r697166	15-A07	RAB		☐	☐	☐
41.15	42.67	1.52				r607167	15-A07	RAB		☐	☐	☐
42.67	44.20	1.53				r607168	15-A07	RAB		☐	☐	☐
44.20	45.72	1.52				r607169	15-A07	RAB		☐	☐	☐
45.72	47.24	1.52				r607170	15-A07	RAB		☐	☐	☐
47.24	48.77	1.53				r607171	15-A07	RAB		☐	☐	☐
48.77	50.29	1.52				r607172	15-A07	RAB		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
50.29	51.82	1.53				r607173	15-A07	RAB		☐	☐	☐
51.82	53.34	1.52				r607174	15-A07	RAB		☐	☐	☐
53.34	54.86	1.52				r607175	15-A07	RAB		☐	☐	☐
54.86	56.39	1.53				r607176	15-A07	RAB		☐	☐	☐
56.39	57.91	1.52				r607177	15-A07	RAB		☐	☐	☐
57.91	59.44	1.53				r607178	15-A07	RAB		☐	☐	☐
59.44	60.96	1.52				r607179	15-A07	RAB		☐	☐	☐
60.96	62.48	1.52				r607180	15-A07	RAB		☐	☐	☐

Rackla Gold Property - Nadaleen Trend Project

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		618378	7113307	1341	62.48

ZONE: Anubis

SECTION:

HOLE: ARB-15-020

CLAIM: T 2964

Contractor: Superior

Drill: 1

Core Size:

Casing Depth:

Drilling Dates: Jul 14 - Jul 14, 2015

Geology Logged By: R. Phillips

SURVEY			
Depth (m)	Azimuth	Dip	Method

TARGET:

SUMMARY

SAMPLES	
Numbers:	r607181 to r607190, r607192 to r607219, r697191
Total:	39
Batch:	A07
Certificates:	WH15106898

COMMENTS
Hole passed in and out of the Anubis Fault several times between limestone and shale. The limestone was moderately to strongly oxidized near the fault.

ARB-15-020

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
3.05	4.57	1.52				r607181	15-A07	RAB		☐	☐	☐
4.57	6.10	1.53				r607182	15-A07	RAB		☐	☐	☐
6.10	7.62	1.52				r607183	15-A07	RAB		☐	☐	☐
7.62	9.14	1.52				r607184	15-A07	RAB		☐	☐	☐
9.14	10.67	1.53				r607185	15-A07	RAB		☐	☐	☐
10.67	12.19	1.52				r607186	15-A07	RAB		☐	☐	☐
12.19	13.72	1.53				r607187	15-A07	RAB		☐	☐	☐
13.72	15.24	1.52				r607188	15-A07	RAB		☐	☐	☐
15.24	16.76	1.52				r607189	15-A07	RAB		☐	☐	☐
16.76	18.29	1.53				r607190	15-A07	RAB		☐	☐	☐
18.29	19.81	1.52				r697191	15-A07	RAB		☐	☐	☐
19.81	21.34	1.53				r607192	15-A07	RAB		☐	☐	☐
21.34	22.86	1.52				r607193	15-A07	RAB		☐	☐	☐
22.86	24.38	1.52				r607194	15-A07	RAB		☐	☐	☐
24.38	25.91	1.53				r607195	15-A07	RAB		☐	☐	☐
25.91	27.43	1.52				r607196	15-A07	RAB		☐	☐	☐
27.43	28.96	1.53				r607197	15-A07	RAB		☐	☐	☐
28.96	30.48	1.52				r607198	15-A07	RAB		☐	☐	☐
30.48	32.00	1.52				r607199	15-A07	RAB		☐	☐	☐
32.00	33.53	1.53				r607200	15-A07	RAB		☐	☐	☐
33.53	35.05	1.52				r607201	15-A07	RAB		☐	☐	☐
35.05	36.58	1.53				r607202	15-A07	RAB		☐	☐	☐
36.58	38.10	1.52				r607203	15-A07	RAB		☐	☐	☐
38.10	39.62	1.52				r607204	15-A07	RAB		☐	☐	☐
39.62	41.15	1.53				r607205	15-A07	RAB		☐	☐	☐
41.15	42.67	1.52				r607206	15-A07	RAB		☐	☐	☐
42.67	44.20	1.53				r607207	15-A07	RAB		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
44.20	45.72	1.52				r607208	15-A07	RAB		☐	☐	☐
45.72	47.24	1.52				r607209	15-A07	RAB		☐	☐	☐
47.24	48.77	1.53				r607210	15-A07	RAB		☐	☐	☐
48.77	50.29	1.52				r607211	15-A07	RAB		☐	☐	☐
50.29	51.82	1.53				r607212	15-A07	RAB		☐	☐	☐
51.82	53.34	1.52				r607213	15-A07	RAB		☐	☐	☐
53.34	54.86	1.52				r607214	15-A07	RAB		☐	☐	☐
54.86	56.39	1.53				r607215	15-A07	RAB		☐	☐	☐
56.39	57.91	1.52				r607216	15-A07	RAB		☐	☐	☐
57.91	59.44	1.53				r607217	15-A07	RAB		☐	☐	☐
59.44	60.96	1.52				r607218	15-A07	RAB		☐	☐	☐
60.96	62.48	1.52				r607219	15-A07	RAB		☐	☐	☐

Rackla Gold Property - Nadaleen Trend Project

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		618661	7113194	1347	61.57

ZONE: Anubis

SECTION:

HOLE: ARB-15-021

CLAIM: T 2964

Contractor: Superior

Drill: 1

Core Size:

Casing Depth:

Drilling Dates: Jul 15 - Jul 15, 2015

Geology Logged By: R. Phillips

SURVEY			
Depth (m)	Azimuth	Dip	Method

TARGET:

SUMMARY

SAMPLES	
Numbers:	r606227, r607220 to r607226, r607228 to r607233, r607235 to r607241, r607243 to r607251, r607253 to r607258, r608252,
Total:	39
Batch:	A07
Certificates:	WH15106898

COMMENTS
Hole was in limestone the entire time. It encountered a very oxidized / hematite?? altered zone.

ARB-15-021

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
3.05	4.57	1.52				r607220	15-A07	RAB		☐	☐	☐
4.57	6.10	1.53				r607221	15-A07	RAB		☐	☐	☐
6.10	7.62	1.52				r607222	15-A07	RAB		☐	☐	☐
7.62	9.14	1.52				r607223	15-A07	RAB		☐	☐	☐
9.14	10.67	1.53				r607224	15-A07	RAB		☐	☐	☐
10.67	12.19	1.52				r607225	15-A07	RAB		☐	☐	☐
12.19	13.72	1.53				r607226	15-A07	RAB		☐	☐	☐
13.72	15.24	1.52				r606227	15-A07	RAB		☐	☐	☐
15.24	16.76	1.52				r607228	15-A07	RAB		☐	☐	☐
16.76	18.29	1.53				r607229	15-A07	RAB		☐	☐	☐
18.29	19.81	1.52				r607230	15-A07	RAB		☐	☐	☐
19.81	21.34	1.53				r607231	15-A07	RAB		☐	☐	☐
21.34	22.86	1.52				r607232	15-A07	RAB		☐	☐	☐
22.86	24.38	1.52				r607233	15-A07	RAB		☐	☐	☐
24.38	25.91	1.53				r696234	15-A07	RAB		☐	☐	☐
25.91	27.43	1.52				r607235	15-A07	RAB		☐	☐	☐
27.43	28.96	1.53				r607236	15-A07	RAB		☐	☐	☐
28.96	30.48	1.52				r607237	15-A07	RAB		☐	☐	☐
30.48	32.00	1.52				r607238	15-A07	RAB		☐	☐	☐
32.00	33.53	1.53				r607239	15-A07	RAB		☐	☐	☐
33.53	35.05	1.52				r607240	15-A07	RAB		☐	☐	☐
35.05	36.58	1.53				r607241	15-A07	RAB		☐	☐	☐
36.58	38.10	1.52				r697242	15-A07	RAB		☐	☐	☐
38.10	39.62	1.52				r607243	15-A07	RAB		☐	☐	☐
39.62	41.15	1.53				r607244	15-A07	RAB		☐	☐	☐
41.15	42.67	1.52				r607245	15-A07	RAB		☐	☐	☐
42.67	44.20	1.53				r607246	15-A07	RAB		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
44.20	45.72	1.52				r607247	15-A07	RAB		☐	☐	☐
45.72	47.24	1.52				r607248	15-A07	RAB		☐	☐	☐
47.24	48.77	1.53				r607249	15-A07	RAB		☐	☐	☐
48.77	50.29	1.52				r607250	15-A07	RAB		☐	☐	☐
50.29	51.82	1.53				r607251	15-A07	RAB		☐	☐	☐
51.82	53.34	1.52				r608252	15-A07	RAB		☐	☐	☐
53.34	54.86	1.52				r607253	15-A07	RAB		☐	☐	☐
54.86	56.39	1.53				r607254	15-A07	RAB		☐	☐	☐
56.39	57.91	1.52				r607255	15-A07	RAB		☐	☐	☐
57.91	59.44	1.53				r607256	15-A07	RAB		☐	☐	☐
59.44	60.96	1.52				r607257	15-A07	RAB		☐	☐	☐
60.96	62.48	1.52				r607258	15-A07	RAB		☐	☐	☐

Rackla Gold Property - Nadaleen Trend Project

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		618796	7113115	1338	62.48

ZONE: Anubis

SECTION:

HOLE: ARB-15-022

CLAIM: Dale 12

Contractor: Superior

Drill: 1

Core Size:

Casing Depth:

Drilling Dates: Jul 16 - Jul 16, 2015

Geology Logged By: J. Lane

SURVEY			
Depth (m)	Azimuth	Dip	Method

TARGET:

SUMMARY

SAMPLES	
Numbers:	r607259 to r607295
Total:	37
Batch:	A08
Certificates:	WH15106737

COMMENTS
9 Hours Drilling Time The hole crossed the Anubis fault from shale to limestone.

ARB-15-022

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
6.10	7.62	1.52				r607259	15-A08	RAB		☐	☐	☐
7.62	9.14	1.52				r607260	15-A08	RAB		☐	☐	☐
9.14	10.67	1.53				r607261	15-A08	RAB		☐	☐	☐
10.67	12.19	1.52				r607262	15-A08	RAB		☐	☐	☐
12.19	13.72	1.53				r607263	15-A08	RAB		☐	☐	☐
13.72	15.24	1.52				r607264	15-A08	RAB		☐	☐	☐
15.24	16.76	1.52				r607265	15-A08	RAB		☐	☐	☐
16.76	18.29	1.53				r607266	15-A08	RAB		☐	☐	☐
18.29	19.81	1.52				r607267	15-A08	RAB		☐	☐	☐
19.81	21.34	1.53				r607268	15-A08	RAB		☐	☐	☐
21.34	22.86	1.52				r607269	15-A08	RAB		☐	☐	☐
22.86	24.38	1.52				r607270	15-A08	RAB		☐	☐	☐
24.38	25.91	1.53				r607271	15-A08	RAB		☐	☐	☐
25.91	27.43	1.52				r607272	15-A08	RAB		☐	☐	☐
27.43	28.96	1.53				r607273	15-A08	RAB		☐	☐	☐
28.96	30.48	1.52				r607274	15-A08	RAB		☐	☐	☐
30.48	32.00	1.52				r607275	15-A08	RAB		☐	☐	☐
32.00	33.53	1.53				r607276	15-A08	RAB		☐	☐	☐
33.53	35.05	1.52				r607277	15-A08	RAB		☐	☐	☐
35.05	36.58	1.53				r607278	15-A08	RAB		☐	☐	☐
36.58	38.10	1.52				r607279	15-A08	RAB		☐	☐	☐
38.10	39.62	1.52				r607280	15-A08	RAB		☐	☐	☐
39.62	41.15	1.53				r607281	15-A08	RAB		☐	☐	☐
41.15	42.67	1.52				r607282	15-A08	RAB		☐	☐	☐
42.67	44.20	1.53				r607283	15-A08	RAB		☐	☐	☐
44.20	45.72	1.52				r607284	15-A08	RAB		☐	☐	☐
45.72	47.24	1.52				r607285	15-A08	RAB		☐	☐	☐

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	48.77	1.53				r607286	15-A08	RAB		☐	☐	☐
48.77	50.29	1.52				r607287	15-A08	RAB		☐	☐	☐
50.29	51.82	1.53				r607288	15-A08	RAB		☐	☐	☐
51.82	53.34	1.52				r607289	15-A08	RAB		☐	☐	☐
53.34	54.86	1.52				r607290	15-A08	RAB		☐	☐	☐
54.86	56.39	1.53				r607291	15-A08	RAB		☐	☐	☐
56.39	57.91	1.52				r607292	15-A08	RAB		☐	☐	☐
57.91	59.44	1.53				r607293	15-A08	RAB		☐	☐	☐
59.44	60.96	1.52				r607294	15-A08	RAB		☐	☐	☐
60.96	62.48	1.52				r607295	15-A08	RAB		☐	☐	☐

Rackla Gold Property - Nadaleen Trend Project

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		618796	7113115	1338	19.81

ZONE: Anubis

SECTION:

HOLE: ARB-15-023

CLAIM: Dale 12

Contractor: Superior

Drill: 1

Core Size:

Casing Depth:

Drilling Dates: Jul 17 - Jul 17, 2015

Geology Logged By: E. Flavelle

SURVEY			
Depth (m)	Azimuth	Dip	Method

TARGET:

SUMMARY

SAMPLES	
Numbers:	r607296 to r607303
Total:	8
Batch:	A08
Certificates:	WH15106737

COMMENTS
4 Hours Drilling Time Collared into shale, quickly hit limestone and then the Anubis fault at 30 feet; due to no recovery from 50-65, the hole was shut down.

ARB-15-023

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
3.05	4.57	1.52				r607296	15-A08	RAB		☐	☐	☐
4.57	6.10	1.53				r607297	15-A08	RAB		☐	☐	☐
6.10	7.62	1.52				r607298	15-A08	RAB		☐	☐	☐
7.62	9.14	1.52				r607299	15-A08	RAB		☐	☐	☐
9.14	10.67	1.53				r607300	15-A08	RAB		☐	☐	☐
10.67	12.19	1.52				r607301	15-A08	RAB		☐	☐	☐
12.19	13.72	1.53				r607302	15-A08	RAB		☐	☐	☐
13.72	15.24	1.52				r607303	15-A08	RAB		☐	☐	☐

Rackla Gold Property - Nadaleen Trend Project

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		618796	7113115	1338	9.14

ZONE: Anubis

SECTION:

HOLE: ARB-15-024

CLAIM: Dale 12

Contractor: Superior

Drill: 1

Core Size:

Casing Depth:

Drilling Dates: Jul 17 - Jul 17, 2015

Geology Logged By: E. Flavelle

SURVEY			
Depth (m)	Azimuth	Dip	Method

TARGET:

SUMMARY

SAMPLES	
Numbers:	r607304 to r607308
Total:	5
Batch:	A08
Certificates:	WH15106737

COMMENTS

2 Hours Drilling Time
Rods were pulled at 30 feet to change bits/hammers to discover bit was missing (pin had fallen out); casing was pulled to see if bit was still in casing or lost. Bit lost, stopped the hole at 30 feet.

ARB-15-024

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
1.52	3.05	1.53				r607304	15-A08	RAB		☐	☐	☐
3.05	4.57	1.52				r607305	15-A08	RAB		☐	☐	☐
4.57	6.10	1.53				r607306	15-A08	RAB		☐	☐	☐
6.10	7.62	1.52				r607307	15-A08	RAB		☐	☐	☐
7.62	9.14	1.52				r607308	15-A08	RAB		☐	☐	☐

Rackla Gold Property - Nadaleen Trend Project

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		618796	7113115	1338	62.48

ZONE: Anubis

SECTION:

HOLE: ARB-15-025

CLAIM: Dale 12

Contractor: Superior

Drill: 1

Core Size:

Casing Depth:

Drilling Dates: Jul 17 - Jul 18, 2015

Geology Logged By: E. Flavelle

SURVEY			
Depth (m)	Azimuth	Dip	Method

TARGET:

SUMMARY

SAMPLES	
Numbers:	r607309 to r607343
Total:	35
Batch:	A08
Certificates:	WH15106737

COMMENTS

12 Hours Drilling Time
Casing 30 Feet
This is a re-drill of RAB-15-024, therefore the top 30 feet will not be sampled. Hole collared into shale, crossed the Anubis fault and ended in limestone.

ARB-15-025

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
9.14	10.67	1.53				r607309	15-A08	RAB		☐	☐	☐
10.67	12.19	1.52				r607310	15-A08	RAB		☐	☐	☐
12.19	13.72	1.53				r607311	15-A08	RAB		☐	☐	☐
13.72	15.24	1.52				r607312	15-A08	RAB		☐	☐	☐
15.24	16.76	1.52				r607313	15-A08	RAB		☐	☐	☐
16.76	18.29	1.53				r607314	15-A08	RAB		☐	☐	☐
18.29	19.81	1.52				r607315	15-A08	RAB		☐	☐	☐
19.81	21.34	1.53				r607316	15-A08	RAB		☐	☐	☐
21.34	22.86	1.52				r607317	15-A08	RAB		☐	☐	☐
22.86	24.38	1.52				r607318	15-A08	RAB		☐	☐	☐
24.38	25.91	1.53				r607319	15-A08	RAB		☐	☐	☐
25.91	27.43	1.52				r607320	15-A08	RAB		☐	☐	☐
27.43	28.96	1.53				r607321	15-A08	RAB		☐	☐	☐
28.96	30.48	1.52				r607322	15-A08	RAB		☐	☐	☐
30.48	32.00	1.52				r607323	15-A08	RAB		☐	☐	☐
32.00	33.53	1.53				r607324	15-A08	RAB		☐	☐	☐
33.53	35.05	1.52				r607325	15-A08	RAB		☐	☐	☐
35.05	36.58	1.53				r607326	15-A08	RAB		☐	☐	☐
36.58	38.10	1.52				r607327	15-A08	RAB		☐	☐	☐
38.10	39.62	1.52				r607328	15-A08	RAB		☐	☐	☐
39.62	41.15	1.53				r607329	15-A08	RAB		☐	☐	☐
41.15	42.67	1.52				r607330	15-A08	RAB		☐	☐	☐
42.67	44.20	1.53				r607331	15-A08	RAB		☐	☐	☐
44.20	45.72	1.52				r607332	15-A08	RAB		☐	☐	☐
45.72	47.24	1.52				r607333	15-A08	RAB		☐	☐	☐
47.24	48.77	1.53				r607334	15-A08	RAB		☐	☐	☐
48.77	50.29	1.52				r607335	15-A08	RAB		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
50.29	51.82	1.53				r607336	15-A08	RAB		☐	☐	☐
51.82	53.34	1.52				r607337	15-A08	RAB		☐	☐	☐
53.34	54.86	1.52				r607338	15-A08	RAB		☐	☐	☐
54.86	56.39	1.53				r607339	15-A08	RAB		☐	☐	☐
56.39	57.91	1.52				r607340	15-A08	RAB		☐	☐	☐
57.91	59.44	1.53				r607341	15-A08	RAB		☐	☐	☐
59.44	60.96	1.52				r607342	15-A08	RAB		☐	☐	☐
60.96	62.48	1.52				r607343	15-A08	RAB		☐	☐	☐

Rackla Gold Property - Nadaleen Trend Project

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		618796	7113115	1338	62.48

ZONE: Anubis

SECTION:

HOLE: ARB-15-026

CLAIM: Dale 12

Contractor: Superior

Drill: 1

Core Size:

Casing Depth:

Drilling Dates: Jul 19 - Jul 20, 2015

Geology Logged By: E. Flavelle

SURVEY			
Depth (m)	Azimuth	Dip	Method

TARGET:

SUMMARY

SAMPLES	
Numbers:	r607344 to r607381
Total:	38
Batch:	A08, A09
Certificates:	WH15106737, WH15107993

COMMENTS

11 Hours Drilling Time
Casing 65 feet
Hole collared into shale, and remained in wattery shale for the entirety of the hole.

ARB-15-026

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
4.57	6.10	1.53				r607344	15-A08	RAB		☐	☐	☐
6.10	7.62	1.52				r607345	15-A08	RAB		☐	☐	☐
7.62	9.14	1.52				r607346	15-A08	RAB		☐	☐	☐
9.14	10.67	1.53				r607347	15-A08	RAB		☐	☐	☐
10.67	12.19	1.52				r607348	15-A08	RAB		☐	☐	☐
12.19	13.72	1.53				r607349	15-A08	RAB		☐	☐	☐
13.72	15.24	1.52				r607350	15-A08	RAB		☐	☐	☐
15.24	16.76	1.52				r607351	15-A08	RAB		☐	☐	☐
16.76	18.29	1.53				r607352	15-A08	RAB		☐	☐	☐
18.29	19.81	1.52				r607353	15-A08	RAB		☐	☐	☐
19.81	21.34	1.53				r607354	15-A08	RAB		☐	☐	☐
21.34	22.86	1.52				r607355	15-A08	RAB		☐	☐	☐
22.86	24.38	1.52				r607356	15-A08	RAB		☐	☐	☐
24.38	25.91	1.53				r607357	15-A08	RAB		☐	☐	☐
25.91	27.43	1.52				r607358	15-A08	RAB		☐	☐	☐
27.43	28.96	1.53				r607359	15-A08	RAB		☐	☐	☐
28.96	30.48	1.52				r607360	15-A08	RAB		☐	☐	☐
30.48	32.00	1.52				r607361	15-A08	RAB		☐	☐	☐
32.00	33.53	1.53				r607362	15-A08	RAB		☐	☐	☐
33.53	35.05	1.52				r607363	15-A08	RAB		☐	☐	☐
35.05	36.58	1.53				r607364	15-A08	RAB		☐	☐	☐
36.58	38.10	1.52				r607365	15-A08	RAB		☐	☐	☐
38.10	39.62	1.52				r607366	15-A08	RAB		☐	☐	☐
39.62	41.15	1.53				r607367	15-A08	RAB		☐	☐	☐
41.15	42.67	1.52				r607368	15-A08	RAB		☐	☐	☐
42.67	44.20	1.53				r607369	15-A08	RAB		☐	☐	☐
44.20	45.72	1.52				r607370	15-A08	RAB		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
45.72	47.24	1.52				r607371	15-A08	RAB		☐	☐	☐
47.24	48.77	1.53				r607372	15-A08	RAB		☐	☐	☐
48.77	50.29	1.52				r607373	15-A08	RAB		☐	☐	☐
50.29	51.82	1.53				r607374	15-A09	RAB		☐	☐	☐
51.82	53.34	1.52				r607375	15-A09	RAB		☐	☐	☐
53.34	54.86	1.52				r607376	15-A09	RAB		☐	☐	☐
54.86	56.39	1.53				r607377	15-A09	RAB		☐	☐	☐
56.39	57.91	1.52				r607378	15-A09	RAB		☐	☐	☐
57.91	59.44	1.53				r607379	15-A09	RAB		☐	☐	☐
59.44	60.96	1.52				r607380	15-A09	RAB		☐	☐	☐
60.96	62.48	1.52				r607381	15-A09	RAB		☐	☐	☐

Rackla Gold Property - Nadaleen Trend Project

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		618828	7113077	1378	62.48

ZONE: Anubis

SECTION:

SURVEY			
Depth (m)	Azimuth	Dip	Method

TARGET:

SUMMARY

HOLE: ARB-15-027

CLAIM: Dale 12

Contractor: Superior

Drill: 1

Core Size:

Casing Depth:

Drilling Dates: Jul 20 - Jul 21, 2015

Geology Logged By: E. Flavelle

SAMPLES	
Numbers:	r607382 to r607421
Total:	40
Batch:	A09
Certificates:	WH15107993

COMMENTS

14 Hours Drilling time
95 Feet Casing
Hole collared into shale, and crossed the Anubis fault (55-80 feet) into limestone.

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
1.52	3.05	1.53		0.00	0	r607382	15-A09	RAB		☐	☐	☐
3.05	4.57	1.52		0.00	0	r607383	15-A09	RAB		☐	☐	☐
4.57	6.10	1.53		0.00	0	r607384	15-A09	RAB		☐	☐	☐
6.10	7.62	1.52		0.00	0	r607385	15-A09	RAB		☐	☐	☐
7.62	9.14	1.52		0.00	0	r607386	15-A09	RAB		☐	☐	☐
9.14	10.67	1.53		0.00	0	r607387	15-A09	RAB		☐	☐	☐
10.67	12.19	1.52		0.00	0	r607388	15-A09	RAB		☐	☐	☐
12.19	13.72	1.53		0.00	0	r607389	15-A09	RAB		☐	☐	☐
13.72	15.24	1.52		0.00	0	r607390	15-A09	RAB		☐	☐	☐
15.24	16.76	1.52		0.00	0	r607391	15-A09	RAB		☐	☐	☐
16.76	18.29	1.53		0.00	0	r607392	15-A09	RAB		☐	☐	☐
18.29	19.81	1.52		0.00	0	r607393	15-A09	RAB		☐	☐	☐
19.81	21.34	1.53		0.00	0	r607394	15-A09	RAB		☐	☐	☐
21.34	22.86	1.52		0.00	0	r607395	15-A09	RAB		☐	☐	☐
22.86	24.38	1.52		0.00	0	r607396	15-A09	RAB		☐	☐	☐
24.38	25.91	1.53		0.00	0	r607397	15-A09	RAB		☐	☐	☐
25.91	27.43	1.52		0.00	0	r607398	15-A09	RAB		☐	☐	☐
27.43	28.96	1.53		0.00	0	r607399	15-A09	RAB		☐	☐	☐
28.96	30.48	1.52		0.00	0	r607400	15-A09	RAB		☐	☐	☐
30.48	32.00	1.52		0.00	0	r607401	15-A09	RAB		☐	☐	☐
32.00	33.53	1.53		0.00	0	r607402	15-A09	RAB		☐	☐	☐
33.53	35.05	1.52		0.00	0	r607403	15-A09	RAB		☐	☐	☐
35.05	36.58	1.53		0.00	0	r607404	15-A09	RAB		☐	☐	☐
36.58	38.10	1.52		0.00	0	r607405	15-A09	RAB		☐	☐	☐
38.10	39.62	1.52		0.00	0	r607406	15-A09	RAB		☐	☐	☐
39.62	41.15	1.53		0.00	0	r607407	15-A09	RAB		☐	☐	☐
41.15	42.67	1.52		0.00	0	r607408	15-A09	RAB		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
42.67	44.20	1.53		0.00	0	r607409	15-A09	RAB		☐	☐	☐
44.20	45.72	1.52		0.00	0	r607410	15-A09	RAB		☐	☐	☐
45.72	47.24	1.52		0.00	0	r607411	15-A09	RAB		☐	☐	☐
47.24	48.77	1.53		0.00	0	r607412	15-A09	RAB		☐	☐	☐
48.77	50.29	1.52		0.00	0	r607413	15-A09	RAB		☐	☐	☐
50.29	51.82	1.53		0.00	0	r607414	15-A09	RAB		☐	☐	☐
51.82	53.34	1.52		0.00	0	r607415	15-A09	RAB		☐	☐	☐
53.34	54.86	1.52		0.00	0	r607416	15-A09	RAB		☐	☐	☐
54.86	56.39	1.53		0.00	0	r607417	15-A09	RAB		☐	☐	☐
56.39	57.91	1.52				r607418	15-A09	RAB		☐	☐	☐
57.91	59.44	1.53				r607419	15-A09	RAB		☐	☐	☐
59.44	60.96	1.52				r607420	15-A09	RAB		☐	☐	☐
60.96	62.48	1.52				r607421	15-A09	RAB		☐	☐	☐

Rackla Gold Property - Nadaleen Trend Project

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		618828	7113077	1378	62.48

ZONE: Anubis

SECTION:

HOLE: ARB-15-028

CLAIM: Dale 12

Contractor: Superior

Drill: 1

Core Size:

Casing Depth:

Drilling Dates: -

Geology Logged By: E. Flavelle

SURVEY			
Depth (m)	Azimuth	Dip	Method

TARGET:

SUMMARY

SAMPLES	
Numbers:	R607422 to R607460
Total:	39
Batch:	A09
Certificates:	WH15107993

COMMENTS

13 Hour Drilling Time
75 Feet Casing
Hole collared into limey overburden and progressed into shale, followed by the Anubis fault (30-65 feet), ending in limestone.

ARB-15-028

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
1.52	3.05	1.53				R607422	15-A09	RAB		☐	☐	☐
3.05	4.57	1.52				R607423	15-A09	RAB		☐	☐	☐
4.57	6.10	1.53				R607424	15-A09	RAB		☐	☐	☐
6.10	7.62	1.52				R607425	15-A09	RAB		☐	☐	☐
7.62	9.14	1.52				R607426	15-A09	RAB		☐	☐	☐
9.14	10.67	1.53				R607427	15-A09	RAB		☐	☐	☐
10.67	12.19	1.52				R607428	15-A09	RAB		☐	☐	☐
13.72	15.24	1.52				R607429	15-A09	RAB		☐	☐	☐
15.24	16.76	1.52				R607430	15-A09	RAB		☐	☐	☐
16.76	18.29	1.53				R607431	15-A09	RAB		☐	☐	☐
18.29	19.81	1.52				R607432	15-A09	RAB		☐	☐	☐
19.81	21.34	1.53				R607433	15-A09	RAB		☐	☐	☐
21.34	22.86	1.52				R607434	15-A09	RAB		☐	☐	☐
22.86	24.38	1.52				R607435	15-A09	RAB		☐	☐	☐
24.38	25.91	1.53				R607436	15-A09	RAB		☐	☐	☐
25.91	27.43	1.52				R607437	15-A09	RAB		☐	☐	☐
27.43	28.96	1.53				R607438	15-A09	RAB		☐	☐	☐
28.96	30.48	1.52				R607439	15-A09	RAB		☐	☐	☐
30.48	32.00	1.52				R607440	15-A09	RAB		☐	☐	☐
32.00	33.53	1.53				R607441	15-A09	RAB		☐	☐	☐
33.53	35.05	1.52				R607442	15-A09	RAB		☐	☐	☐
35.05	36.58	1.53				R607443	15-A09	RAB		☐	☐	☐
36.58	38.10	1.52				R607444	15-A09	RAB		☐	☐	☐
38.10	39.62	1.52				R607445	15-A09	RAB		☐	☐	☐
39.62	41.15	1.53				R607446	15-A09	RAB		☐	☐	☐
41.15	42.67	1.52				R607447	15-A09	RAB		☐	☐	☐
42.67	44.20	1.53				R607448	15-A09	RAB		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
44.20	45.72	1.52				R607449	15-A09	RAB		☐	☐	☐
45.72	47.24	1.52				R607450	15-A09	RAB		☐	☐	☐
47.24	48.77	1.53				R607451	15-A09	RAB		☐	☐	☐
48.77	50.29	1.52				R607452	15-A09	RAB		☐	☐	☐
50.29	51.82	1.53				R607453	15-A09	RAB		☐	☐	☐
51.82	53.34	1.52				R607454	15-A09	RAB		☐	☐	☐
53.34	54.86	1.52				R607455	15-A09	RAB		☐	☐	☐
54.86	56.39	1.53				R607456	15-A09	RAB		☐	☐	☐
56.39	57.91	1.52				R607457	15-A09	RAB		☐	☐	☐
57.91	59.44	1.53				R607458	15-A09	RAB		☐	☐	☐
59.44	60.96	1.52				R607459	15-A09	RAB		☐	☐	☐
60.96	62.48	1.52				R607460	15-A09	RAB		☐	☐	☐

Rackla Gold Property - Nadaleen Trend Project

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		618828	7113077	1378	44.2

ZONE: Anubis

SECTION:

HOLE: ARB-15-029

CLAIM: Dale 12

Contractor: Superior

Drill: 1

Core Size:

Casing Depth:

Drilling Dates: -

Geology Logged By: E. Flavelle

SURVEY			
Depth (m)	Azimuth	Dip	Method

TARGET:

SUMMARY

SAMPLES	
Numbers:	R607461 to R607484
Total:	24
Batch:	A09, A10, A11
Certificates:	WH15107993, WH15112770, WH15116448

COMMENTS

7 Hours Drilling Time
50 Feet Casing
Void encountered from 125-145 feet. Could not fill with material or recover any material, so hole shut down. Collared into limey shale/overburden, crossed the Anubis fault (40-45 feet?) into variably oxidized limestone.

Sample Log

ARB-15-029

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
1.52	3.05	1.53				R607461	15-A09	RAB		☐	☐	☐
3.05	4.57	1.52				R607462	15-A09	RAB		☐	☐	☐
4.57	6.10	1.53				R607463	15-A09	RAB		☐	☐	☐
6.10	7.62	1.52				R607464	15-A09	RAB		☐	☐	☐
7.62	9.14	1.52				R607465	15-A09	RAB		☐	☐	☐
9.14	10.67	1.53				R607466	15-A09	RAB		☐	☐	☐
10.67	12.19	1.52				R607467	15-A09	RAB		☐	☐	☐
12.19	13.72	1.53				R607468	15-A10	RAB		☐	☐	☐
13.72	15.24	1.52				R607469	15-A10	RAB		☐	☐	☐
15.24	16.76	1.52				R607470	15-A10	RAB		☐	☐	☐
16.76	18.29	1.53				R607471	15-A10	RAB		☐	☐	☐
18.29	19.81	1.52				R607472	15-A10	RAB		☐	☐	☐
19.81	21.34	1.53				R607473	15-A10	RAB		☐	☐	☐
21.34	22.86	1.52				R607474	15-A10	RAB		☐	☐	☐
22.86	24.38	1.52				R607475	15-A10	RAB		☐	☐	☐
24.38	25.91	1.53				R607476	15-A10	RAB		☐	☐	☐
25.91	27.43	1.52				R607477	15-A10	RAB		☐	☐	☐
27.43	28.96	1.53				R607478	15-A10	RAB		☐	☐	☐
28.96	30.48	1.52				R607479	15-A10	RAB		☐	☐	☐
30.48	32.00	1.52				R607480	15-A10	RAB		☐	☐	☐
32.00	33.53	1.53				R607481	15-A10	RAB		☐	☐	☐
33.53	35.05	1.52				R607482	15-A10	RAB		☐	☐	☐
35.05	36.58	1.53				R607483	15-A10	RAB		☐	☐	☐
36.58	38.10	1.52				R607484	15-A11	RAB		☐	☐	☐

Rackla Gold Property - Nadaleen Trend Project

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		618858	7113025	1418	38.1

ZONE: Anubis

SECTION:

HOLE: ARB-15-030

CLAIM: Dale 12

Contractor: Superior

Drill: 1

Core Size:

Casing Depth:

Drilling Dates: Jul 28 - Jul 29, 2015

Geology Logged By: E. Flavelle

SURVEY			
Depth (m)	Azimuth	Dip	Method

TARGET:

SUMMARY

SAMPLES	
Numbers:	R607485 to R607508
Total:	24
Batch:	A11
Certificates:	WH15116448

COMMENTS
10 Hours Drilling Time Casing to 55 feet Hole collared into limey overburden with minor shale, quickly transitioning into weakly oxidized limestone until E.O.H. Hole shut down as rods were beginning to stick in weaklty altered limestone.

ARB-15-030

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
1.52	3.05	1.53				R607485	15-A11	RAB		☐	☐	☐
3.05	4.57	1.52				R607486	15-A11	RAB		☐	☐	☐
4.57	6.10	1.53				R607487	15-A11	RAB		☐	☐	☐
6.10	7.62	1.52				R607488	15-A11	RAB		☐	☐	☐
7.62	9.14	1.52				R607489	15-A11	RAB		☐	☐	☐
9.14	10.67	1.53				R607490	15-A11	RAB		☐	☐	☐
10.67	12.19	1.52				R607491	15-A11	RAB		☐	☐	☐
12.19	13.72	1.53				R607492	15-A11	RAB		☐	☐	☐
13.72	15.24	1.52				R607493	15-A11	RAB		☐	☐	☐
15.24	16.76	1.52				R607494	15-A11	RAB		☐	☐	☐
16.76	18.29	1.53				R607495	15-A11	RAB		☐	☐	☐
18.29	19.81	1.52				R607496	15-A11	RAB		☐	☐	☐
19.81	21.34	1.53				R607497	15-A11	RAB		☐	☐	☐
21.34	22.86	1.52				R607498	15-A11	RAB		☐	☐	☐
22.86	24.38	1.52				R607499	15-A11	RAB		☐	☐	☐
24.38	25.91	1.53				R607500	15-A11	RAB		☐	☐	☐
25.91	27.43	1.52				R607501	15-A11	RAB		☐	☐	☐
27.43	28.96	1.53				R607502	15-A11	RAB		☐	☐	☐
28.96	30.48	1.52				R607503	15-A11	RAB		☐	☐	☐
30.48	32.00	1.52				R607504	15-A11	RAB		☐	☐	☐
32.00	33.53	1.53				R607505	15-A11	RAB		☐	☐	☐
33.53	35.05	1.52				R607506	15-A11	RAB		☐	☐	☐
35.05	36.58	1.53				R607507	15-A11	RAB		☐	☐	☐
36.58	38.10	1.52				R607508	15-A11	RAB		☐	☐	☐

Rackla Gold Property - Nadaleen Trend Project

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		618858	7113025	1418	18.29

ZONE: Anubis

SECTION:

HOLE: ARB-15-031

CLAIM: Dale 12

Contractor: Superior

Drill: 1

Core Size:

Casing Depth:

Drilling Dates: -

Geology Logged By: E. Flavelle

SURVEY			
Depth (m)	Azimuth	Dip	Method

TARGET:

SUMMARY

SAMPLES	
Numbers:	R607509 to R607519
Total:	11
Batch:	A11
Certificates:	WH15116448

COMMENTS

6 Hours Drilling Time
Casing to 60 feet
Hole collared into limey overburden, quickly transitioning into limestone bedrock. Moderate oxidation to E.O.H at 60 feet.
Hole shut down when drill engine began to fail. All rods/casing recovered from hole.

ARB-15-031

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
1.52	3.05	1.53				R607509	15-A11	RAB		☐	☐	☐
3.05	4.57	1.52				R607510	15-A11	RAB		☐	☐	☐
4.57	6.10	1.53				R607511	15-A11	RAB		☐	☐	☐
6.10	7.62	1.52				R607512	15-A11	RAB		☐	☐	☐
7.62	9.14	1.52				R607513	15-A11	RAB		☐	☐	☐
9.14	10.67	1.53				R607514	15-A11	RAB		☐	☐	☐
10.67	12.19	1.52				R607515	15-A11	RAB		☐	☐	☐
12.19	13.72	1.53				R607516	15-A11	RAB		☐	☐	☐
13.72	15.24	1.52				R607517	15-A11	RAB		☐	☐	☐
15.24	16.76	1.52				R607518	15-A11	RAB		☐	☐	☐
16.76	18.29	1.53				R607519	15-A11	RAB		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
0.00	1.52	1.52	OVB		organic ovb									
						100	3W	1R						
									MD	BN	---	--	--	0
1.52	3.05	1.53	OVB		brown ovb									
						100	2W	0R						
									MD	BN	---	--	--	0
3.05	4.57	1.52	OVB		ovb									
						50	2W	0R						
									MD	BN	---	--	--	0
									DK	BN	---	--	--	0
4.57	6.10	1.53	SHL		appears to be shale. uniform black material with small chips. all unreactive.									
						100	1W	0R						
									DK	BK	---	--	--	0
6.10	7.62	1.52	SHL		powdery black gougey material. shale? altered zone like corona? non reactive. Chip disintegrate when squeezed.									
						100	1W	0R						
									DK	BK	---	--	--	0
7.62	9.14	1.52	SHL		dark brown, non reactive material.									
						50	2W	0R						
									DK	BN	---	--	--	0
									--	--				
									DK	BK	---	--	--	0
9.14	10.67	1.53	SHL		dk black sooty material.. shale? alteration?. unreactive									
						25	1W	0R						
									DK	BK				
						75	1W	0R						
									DK	BN	---	--	--	0

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
10.67	12.19	1.52	SHL		dk brown material									
						25	1W	0R						
									DK	BN				
						75	1W	0R						
									DK	BK	---	--	--	0
12.19	18.29	6.10	-?-		no recovery/ contammination									
						100	--	--						
									--	--	---	--	--	0
18.29	19.81	1.52	SHL		recovered material is black sooty material. likely lots of contamination from previously unrecovered 20 ft									
						100	1W	0R						
									DK	BK	---	--	--	0
19.81	21.34	1.53	SHL		black sooty unreactive material. possibly still contaminated from previous runs									
						100	1W	0R						
									DK	BK	---	--	--	0

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
0.00	3.05	3.05	OVB		ovb, not sampled									
						100	3W	3R						
									MD	BN	---	--	--	0
3.05	4.57	1.52	OVB		non calcareous brown material. ovb? oxidized material?									
						100	3W	0R						
									MD	BN	---	--	--	0
4.57	6.10	1.53	OX		heavily oxidized bbrown material. fault zone?									
						100	4W	0R						
									MD	BN	OXI	4I	--	0
6.10	7.62	1.52	OX		brown oxidized materiial									
						100	3W	0R						
									MD	BN	OXI	3I		
7.62	9.14	1.52	LST		brown calcareous material and lst chips.									
						100	2W	4R						
									MD	BN	OXI	2I	--	0
9.14	10.67	1.53	LST		lst, slight brown colour									
						100	2W	4R						
									MD	BN	OXI	1I	--	0
10.67	12.19	1.52	LST		lst									
						100	1W	4R						
									MD	BN	---	--	--	0
12.19	13.72	1.53	LST		lst									
						100	1W	4R						
									MD	BN	---	--	--	0
13.72	15.24	1.52	LST		lst									

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
						100	1W	4R						
									MD	BN	---	--	--	0
15.24	16.76	1.52	LST		lst									
						100	1W	4R						
									MD	BN	---	--	--	0
16.76	18.29	1.53	LST		lst. slightly lighter colour than previous intervals. eoh due to being in fresh looking lst where there is no strong geochem away from northern fault									
						100	1W	4R						
									LT	BN	---	--	--	0

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
0.00	1.52	1.52	OVB		ovb, not sampled									
						100	3W	4R						
									MD	BN	---	--	--	0
1.52	3.05	1.53	OVB		ovb, range of fresh and oxidized lst. sample is basically a deep soil sample									
						100	3W	4R						
									MD	BN	OXI	2I	--	0
3.05	4.57	1.52	OVB		likely still ovb but more uniform, fresher lst, with some oxi chips. some clastts unreactive (shale?)									
						100	1W	4R						
									MD	BN	---	--	--	0
4.57	6.10	1.53	SHL		fresh grey material. shale? non reactiive									
						100	1W	0R						
									MD	GY	---	--	--	0
6.10	7.62	1.52	SHL		fresh grey shale? non reactive, unalltered									
						100	1W	0R						
									MD	GY	---	--	--	0
7.62	9.14	1.52	SHL		fresh grey shale.									
						100	1W	0R						
									MD	GY	---	--	--	0
9.14	10.67	1.53	SHL		fresh grey shale									
						100	1W	0R						
									MD	GY	---	--	--	0
10.67	12.19	1.52	SHL		black sooty shale									
						50	1W	0R						
									DK	BK	---	--	--	0

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
									MD	BK	---		--	0
12.19	13.72	1.53	SHL		black sooty shale									
						100	1W	0R						
									DK	BK	---	--	--	0
13.72	15.24	1.52	SHL		black sooty shale									
						100	1W	0R						
									DK	BK	---	--	--	0
15.24	16.76	1.52	SHL		black sooty shale									
						100	1W	0R						
									DK	BK	---	--	--	0
16.76	18.29	1.53	SHL		black sooty shale									
						100	1W	0R						
									DK	BK	---	--	--	0
18.29	19.81	1.52	SHL		black sooty shale									
						100	1W	0R						
									DK	BK	---	--	--	0
													--	0
19.81	21.34	1.53	SHL		black sooty shale									
						100	1W	0R						
									DK	BK	---	--	--	0
21.34	22.86	1.52	SHL		black sooty shale									
						100	1W	0R						
									DK	BK	---	--	--	0
22.86	24.38	1.52	SHL		black sooty shale									
						100	1W	0R						
									DK	BK			--	0
24.38	25.91	1.53	SHL		black sooty shale.									
						100	1W	0R						
									DK	BK	---	--	--	0
25.91	27.43	1.52	SHL		black sooty shale									
						100	1W	0R						
									DK	BK	---	--	--	0

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
0.00	1.52	1.52	OVB		no recover, contaminated									
						100	--	--						
									--	--	---	--	--	0
1.52	3.05	1.53	SHL		weakly calcareous grey shales with yellow/orange oxidation on frxx									
						100	3W	1R						
									MD	GY	OXI	2I	--	0
3.05	4.57	1.52	SHL		weakly calcareous, grey/black shale. yellow/orange oxidation on frxx									
						100	2W	1R						
									MD	GY	OXI	1I	--	0
4.57	6.10	1.53	SHL		grey black shale, weakly calcareous, less oxidation than above									
						100	2W	2R						
									MD	GY	OXI	1I	--	0
6.10	7.62	1.52	LST		grey lst with weak oxi. through Anubis fault?									
						100	1W	4R						
									MD	GY	OXI	1I	--	0
7.62	9.14	1.52	LST		grey black lst with weak oxidation.									
						100	1W	4R						
									DK	GY	OXI	1I	--	0
9.14	10.67	1.53	LST		black powdery lst									
						100	1W	3R						
									MD	BK	---	--	--	0
10.67	12.19	1.52	SHL		weakly calcareous shales. last shl/lst may have been all ovb?									
						100	1W	1R						
									DK	BK	---	--	--	0
12.19	13.72	1.53	SHL		black, very weakly calcareous. shale									
						100	1W	1R						

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
									DK	BK	---	--	--	0
13.72	15.24	1.52	SHL		black, non calcareous shale									
						100	1W	0R						
									LT	BK	---	--	--	0
15.24	16.76	1.52	SHL		black shale									
						100	1W	0R						
									LT	BK	---	--	--	0
16.76	18.29	1.53	SHL		black shale									
						100	1W	0R						
									LT	BK	---	--	--	0
18.29	19.81	1.52	SHL		black shale									
						100	1W	0R						
									LT	BK	---	--	--	0
19.81	21.34	1.53	SHL		black shale									
						100	1W	0R						
									LT	BK	---	--	--	0
21.34	22.86	1.52	SHL		black shale									
						100	1W	0R						
									LT	BK	---	--	--	0
22.86	24.38	1.52	SHL		black shale. eoh.									
						100	1W	0R						
									LT	BK	---	--	--	0

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
0.00	2.44	2.44	OVB		ovb/road material, not. sampled. first casing onlyy 3ft in sure to angle hole									
						100	--	0R						
									--	--	---	--	--	0
2.44	3.96	1.52	SHL		black, non calcareous shales. may still be ovb									
						100	1W	0R						
									MD	BK	---	--	--	0
3.96	5.49	1.53	SHL		black non calcareous shale, trace orange oxidized chips									
						100	1W	0R						
									MD	BK	OXI	1I		
5.49	7.01	1.52	SHL		black non calcareous shale									
						100	1W	0R						
									MD	BK	---	--	--	0
7.01	8.53	1.52	LST		grey//black lst with trace oxi chips									
						100	1W	4R						
									MD	GY	OXI	1I	--	0
8.53	10.06	1.53	SHL		black shale, weakly calcareous									
						100	1W	2R						
									MD	BK	---	--	--	0
10.06	11.58	1.52	SHL		black calcareous shale									
						100	1W	3R						
									MD	BK	---	--	--	0
11.58	13.11	1.53	SHL		black, weakly calcareous calcareous shales									
						100	1W	1R						
									MD	BK	---	--	--	0
13.11	14.63	1.52	SHL		black weakly calcareous shales									

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
						100	1W	1R						
									MD	BK	---	--	--	0
14.63	16.15	1.52	SHL		black weakly calcareous shales									
						100	1W	1R						
									MD	BK	---	--	--	0
16.15	17.68	1.53	SHL		black non calcareous shales									
						100	1W	0R						
									MD	BK	---	--	--	0
17.68	19.20	1.52	SHL		black weakly calcareous shales									
						100	1W	1R						
									MD	BK	---	--	--	0
19.20	20.73	1.53	SHL		black non calcareous shales									
						100	1W	0R						
									MD	BK	---	--	--	0
20.73	22.25	1.52	SHL		black non calcareous shales									
						100	1W	0R						
									MD	BK	---	--	--	0
									--	OL	---	--	--	0
22.25	23.77	1.52	SHL		black non calcareous shales									
						100	1W	0R						
									MD	BK	---	--	--	0
23.77	25.30	1.53	SHL		black non calcareous shales									
						100	1W	0R						
									MD	BK	---	--	--	0
25.30	26.82	1.52	SHL		black non calcareous shales									
						100	1W	0R						
									MD	BK	---	--	--	0
26.82	28.35	1.53	SHL		black non calcareous shales with trace qtz chips									

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
						100	1W	0R						
									MD	BK	---	--	Qz	1
28.35	29.87	1.52	SHL		black non calcareous shales with trace qtz									
						100	1W	0R						
									MD	BK	---	--	Qz	1
29.87	31.39	1.52	SHL		black non calcareous shales with trace qtz									
						100	1W	0R						
									MD	BK	---	--	Qz	1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
0.00	2.44	2.44	OVB		ovb, no recovery									
						100	--	--						
									--	--	---	--	--	0
2.44	3.96	1.52	SHL		non calcareous grey shale, possibly still ovb									
						100	4W	0R						
									MD	GY	---	--	--	0
3.96	5.49	1.53	SHL		grey black shale									
						100	2W	0R						
									MD	GY	---	--	--	0
5.49	7.01	1.52	SHL		grey brown shale									
						100	2W	0R						
									MD	GY	---	--	--	0
7.01	8.53	1.52	SHL		black weakly calcareous shales									
						100	1W	2R						
									MD	BK	---	--	--	0
8.53	10.06	1.53	LST		black lst									
						100	1W	4R						
									LT	BK	---	--	--	0
10.06	11.58	1.52	SHL		grey/black shale									
						100	1W	0R						
									DK	GY	---	--	--	0
11.58	13.11	1.53	SHL		grey shale									
						100	1W	0R						
									MD	GY	---	--	--	0
13.11	14.63	1.52	SHL		grey shale									
						100	1W	0R						
									MD	GY	---	--	--	0

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
14.63	16.15	1.52	SHL		grey/black shale									
						100	1W	0R						
									DK	GY	---	--	--	0
16.15	17.68	1.53	LST		grey black lst									
						100	1W	4R						
									DK	GY	---	--	--	0
17.68	19.20	1.52	SHL		grey weakly calcareous shales									
						100	1W	2R						
									MD	GY	---	--	--	0
19.20	20.73	1.53	SHL		grey shale									
						100	1W	0R						
									MD	GY	---	--	--	0
20.73	22.25	1.52	SHL		grey shale									
						100	1W	0R						
									MD	GY	---	--	--	0
22.25	23.77	1.52	SHL		grey shale									
						100	1W	0R						
									MD	GY	---	--	--	0
23.77	25.30	1.53	SHL		grey shale									
						100	1W	0R						
									MD	GY	---	--	--	0
25.30	26.82	1.52	SHL		grey shale									
						100	1W	0R						
									MD	GY	---	--	--	0
26.82	28.35	1.53	SHL		grey shale									
						100	1W	0R						
									MD	GY	---	--	--	0
28.35	29.87	1.52	SHL		grey shale									
						100	1W	0R						

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
									MD	GY	---	--	--	0
29.87	31.39	1.52	SHL		grey shale									
						100	1W	0R						
									MD	GY	---	--	--	0
31.39	32.92	1.53	SHL		grey shale									
						100	1W	0R						
									MD	GY	---	--	--	0
32.92	34.44	1.52	SHL		grey shale									
						100	1W	0R						
									MD	GY	---	--	--	0
34.44	35.97	1.53	SHL		grey shale									
						100	1W	0R						
									MD	GY	---	--	--	0
35.97	37.49	1.52	SHL		grey shale									
						100	1W	0R						
									MD	GY	---	--	--	0
37.49	39.01	1.52	SHL		grey shale									
						100	1W	0R						
									MD	GY	---	--	--	0
39.01	40.54	1.53	SHL		grey shale									
						100	1W	0R						
									MD	GY	---	--	--	0
40.54	42.06	1.52	SHL		grey shale									
						100	1W	0R						
									MD	GY	---	--	--	0
42.06	43.59	1.53	LST		grey lst.									
						100	1W	4R						
									MD	GY	---	--	--	0

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
43.59	45.11	1.52	LST		grey lst with some orange oxi chips									
						100	1W	4R						
									MD	GY	OXI	1I	--	0
45.11	46.63	1.52	LST		grey lst									
						100	1W	4R						
									MD	GY	---	--	--	0
46.63	48.16	1.53	LST		grey lst									
						100	1W	4R						
									MD	GY	---	--	--	0
48.16	49.68	1.52	LST		grey lst									
						100	1W	4R						
									MD	GY	---	--	--	0
49.68	51.21	1.53	LST		grey llst									
						100	1W	4R						
									MD	GY	---	--	--	0
51.21	52.73	1.52	LST		grey lst									
						100	1W	4R						
									MD	GY	---	--	--	0
52.73	54.25	1.52	LST		grey lst									
						100	1W	4R						
									MD	GY	---	--	--	0
54.25	55.78	1.53	LST		grey lst									
						100	1W	4R						
									MD	GY	---	--	--	0
55.78	57.30	1.52	LST		grey lst									
						100	1W	4R						
									MD	GY	---	--	--	0
57.30	58.83	1.53	LST		grey lst									

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
						100	1W	4R						
									MD	GY	---	--	--	0
58.83	60.35	1.52	LST		grey lst									
						100	1W	4R						
									MD	GY	---	--	--	0
60.35	61.87	1.52	LST		grey lst. eoh, all looks pretty dry and getting pretty deep									
						100	1W	4R						
									MD	GY	---	--	--	0

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
0.00	1.52	1.52	OVB		ovb, altered material. possible material from old trench									
						100	1W	0R	MD	BN	OXI	3I	--	0
1.52	3.05	1.53	OVB		ovb? mostly all grey lst									
						100	2W	4R	MD	GY	---	--	--	10
3.05	4.57	1.52	LST		grey lst									
						100	2W	4R	MD	GY			--	0
4.57	6.10	1.53	LST		lst									
						100	2W	4R	MD	GY	---	--	--	0
6.10	7.62	1.52	LST		lst									
						100	1W	4R	MD	GY	---	--	--	0
7.62	9.14	1.52	LST		grey lst in broken mud									
						100	2W	4R	MD	GY	---	--	--	0
9.14	10.67	1.53	LST		grey lst in brown mud									
						100	1W	4R	MD	GY	---	--	--	0
10.67	12.19	1.52	FLT		for altn zone									
						100	3W	4R	MD	BN	OXI	3I	--	0
12.19	13.72	1.53	FLT		for altn zone									
						100	2W	4R						

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
									MD	BN	---	--	--	0
15.24	16.76	1.52	FLT		flt altn zone									
						100	1W	4R						
									MD	BN	---	--	--	0
16.76	18.29	1.53	LST		brown lst									
						100	2W	4R						
									MD	BN	---	--	--	0
18.29	19.81	1.52	LST		grey lst									
						100	2W	4R						
									MD	GY	---	--	--	0

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
0.00	1.52	1.52	OVB		no recovery									
						100	--	--						
									--	--	---	--	--	0
1.52	3.05	1.53	LST		grey lst									
						100	2W	4R						
									MD	GY	---	--	--	0
3.05	4.57	1.52	LST		grey ls t									
						100	1W	4R						
									MD	GY	---	--	--	0
4.57	6.10	1.53	LST		dark brown powdery material, very reactive									
						100	2W	4R						
									DK	BN	---	--	--	0
6.10	7.62	1.52	LST		dark brown powdery lst									
						100	2W	4R						
									DK	BN	---	--	--	0
7.62	9.14	1.52	LST		white powdery lst (sanded?)									
						100	2W	4R						
									LT	WH	---	--	--	0
9.14	10.67	1.53	LST		white sanded lst									
						100	2W	4R						
									LT	WH	---	--	--	0
10.67	12.19	1.52	LST		brown and white lst									
						100	1W	4R						
									MD	BN	---	--	--	0
									LT	WH				
12.19	13.72	1.53	LST		white lst									
						100	1W	4R						

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
									LT	WH	---	--	--	0
13.72	15.24	1.52	LST		white and brown lst									
						100	1W	4R						
									LT	WH				
									MD	BN	---	--	--	0
15.24	16.76	1.52	LST		brown lst									
						100	1W	4R						
									MD	BN	---	--	--	0
16.76	18.29	1.53	LST		brown lst									
						100	1W	4R						
									MD	BN	---	--	--	0
18.29	19.81	1.52	LST		brown and white white lst									
						100	1W	4R						
									MD	BN	---	--	--	0
									LT	WH				
19.81	21.34	1.53	LST		brown lst									
						100	1W	4R						
									MD	BN	---	--	--	0
21.34	22.86	1.52	LST		brown lst									
						100	1W	4R						
									LT	BN	---	--	--	0
22.86	24.38	1.52	LST		brown lst									
						100	1W	4R						
									LT	BN	---	--	--	0
									LT	BN	---	--	--	0
24.38	25.91	1.53	LST		brown lst									
						100	1W	4R						
									MD	BN	---	--	--	0
25.91	27.43	1.52	LST		brown lst									

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
						100	1W	4R						
									MD	BN	---	--	--	0
27.43	28.96	1.53	LST		brown lst									
						100	1W	4R						
									LT	BN	---	--	--	0
28.96	30.48	1.52	LST		brown lst									
						100	1W	4R						
									MD	BN	---	--	--	0
30.48	32.00	1.52	LST		brown lst									
						100	1W	4R						
									MD	BN	---	--	--	0

ARB-15-009

Nadaleen
Anubis Zone

Archer,Cathro & Associates (1981) Limited

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
0.00	9.14	9.14	OVB		no recovery, losing air down hole and plugging up rods									
						100	--	--						
									--	--	---	--	--	0
9.14	10.67	1.53	LST		brown lst, low recovery									
						100	2W	4R						
									MD	BN	---	--	--	0
10.67	12.19	1.52	LST		brown and white lst									
						100	2W	4R						
									LT	WH				
									MD	BN	---	--	--	0
12.19	13.72	1.53	LST		white lst									
						100	1W	4R						
									LT	WH	---	--	--	0

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
0.00	1.52	1.52	-?-		ovb/ road material									
						100	--	--						
									--	--	---	--	--	0
1.52	3.05	1.53	OVB		ovb? grey lst chips									
						100	2W	4R						
									MD	GY	---	--	--	0
3.05	4.57	1.52	LST		grey lst									
						100	1W	4R						
									MD	GY	---	--	--	0
4.57	6.10	1.53	LST		grey lst									
						100	1W	4R						
									MD	GY	---	--	--	0
6.10	7.62	1.52	LST		grey lst with some brown material									
						100	1W	4R						
									MD	GY	---	--	--	100
7.62	9.14	1.52	LST		brown oxidized lst									
						100	2W	4R						
									LT	BN	OXI	2I	--	0
9.14	10.67	1.53	LST		grey lst									
						100	1W	4R						
									MD	GY	---	--	--	0
10.67	12.19	1.52	LST		grey lst									
						100	1W	4R						
									MD	GY	---	--	--	0
12.19	13.72	1.53	LST		grey lst with some brown material									
						100	1W	4R						
									MD	GY	---	--	--	0
									LT	BN				

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
13.72	15.24	1.52	LST		grey lst									
						100	1W	4R						
									MD	GY	---	--	--	0
15.24	16.76	1.52	LST		grey llst									
						100	1W	4R						
									MD	GY	---	--	--	0
16.76	18.29	1.53	LST		grey lst with some brown material									
						100	1W	4R						
									MD	GY	---	--	--	0
18.29	19.81	1.52	LST		brown lst									
						100	1W	4R						
									MD	BN	---	--	--	0
19.81	21.34	1.53	LST		grey lst									
						100	1W	4R						
									MD	GY	---	--	--	0
21.34	22.86	1.52	LST		grey lst with some brown material									
						100	1W	4R						
									MD	GY	---	--	--	0
									LT	BN				
22.86	24.38	1.52	LST		grey. lst									
						100	1W	4R						
									MD	GY	---	--	--	0
24.38	25.91	1.53	LST		grey lst									
						100	1W	4R						
									MD	GY	---	--	--	0
25.91	27.43	1.52	LST		grey lst									
						100	1W	4R						
									MD	GY	---	--	--	0

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
27.43	28.96	1.53	LST		dark green lst with some brown material									
						100	1W	4R						
									DK	GY	---	--	--	0
28.96	30.48	1.52	LST		grey lst									
						100	1W	4R						
									MD	GY	---	--	--	0
30.48	32.00	1.52	LST		grey lst with some brown material									
						100	1W	4R						
									LT	BN				
									MD	GY	---	--	--	0
32.00	33.53	1.53	LST		grey lst									
						100	1W	4R						
									MD	GY	---	--	--	0
33.53	35.05	1.52	LST		grey lst									
						100	1W	4R						
									MD	GY	---	--	--	0
35.05	36.58	1.53	LST		grey lst with some brown material									
						100	1W	4R						
									MD	GY	---	--	--	0
									LT	BN				
36.58	38.10	1.52	LST		grey lst									
						100	1W	4R						
									MD	GY	---	--	--	0
38.10	39.62	1.52	LST		grey lst									
						100	1W	4R						
									--	GY	---	--	--	0
39.62	41.15	1.53	LST		grey lst									
						100	1W	4R						
									MD	GY	---	--	--	0

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
41.15	42.67	1.52	LST		grey lst									
						100	1W	4R						
									MD	BN	---	--	--	0
42.67	44.20	1.53	LST		grey lst with coarse calcite									
						100	1W	4R						
									MD	GY	---	--	--	0
44.20	45.72	1.52	LST		grey lst									
						100	1W	4R						
									MD	GY	---	--	--	0
45.72	47.24	1.52	LST		grey lst									
						100	1W	4R						
									MD	GY	---	--	--	0
47.24	48.77	1.53	LST		grey lst									
						100	1W	4R						
									MD	GY	---	--	--	0
48.77	50.29	1.52	LST		grey lst with some brown material									
						100	1W	4R						
									LT	BN				
									MD	GY	---	--	--	0
50.29	51.82	1.53	LST		grey lst									
						100	1W	4R						
									MD	GY	---	--	--	0
51.82	53.34	1.52	LST		grey lst									
						100	1W	4R						
									MD	GY	---	--	--	0
53.34	54.86	1.52	LST		grey lst									
						100	1W	4R						
									MD	GY	---	--	--	0

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
54.86	56.39	1.53	LST		grey lst									
						100	1W	4R						
									MD	GY	---	--	--	0
56.39	57.91	1.52	LST		grey lst									
						100	1W	4R						
									MD	GY	---	--	--	0
57.91	59.44	1.53	LST		grey lst with some brown material									
						100	1W	4R						
									MD	BN	---	--	--	0
59.44	60.96	1.52	LST		grey lst									
						100	1W	4R						
									MD	GY	---	--	--	0
60.96	62.48	1.52	LST		grey lst with some brown material									
						100	1W	4R						
									LT	BN				
									MD	GY				

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
0.00	1.52	1.52	OVB		ovb, no recovery									
						100	--	--						
									--	--	---	--	--	0
1.52	3.05	1.53	OVB		brown lst ovb									
						100	3W	4R						
									MD	BN	---	--	--	0
3.05	4.57	1.52	LST		light brown lst									
						100	2W	4R						
									LT	BN	---	--	--	0
4.57	6.10	1.53	LST		light brown lst									
						100	1W	4R						
									LT	BN	---	--	--	0
6.10	7.62	1.52	LST		light brown lst									
						100	2W	4R						
									LT	BN	---	--	--	0
7.62	9.14	1.52	LST		grey lst with brown material									
						100	1W	4R						
									MD	BN	---	--	--	0
									LT	GY				
9.14	10.67	1.53	LST		lst grey light brown									
						100	1W	4R						
									LT	BN	---	--	--	0
10.67	12.19	1.52	LST		light grey lst									
						100	1W	4R						
									LT	GY	---	--	--	0
12.19	13.72	1.53	LST		grey lst									
						100	1W	4R						
									LT	GY	---	--	--	0
13.72	15.24	1.52	LST		grey lst									
						100	1W	4R						

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
									LT	GY	---	--	--	0
15.24	16.76	1.52	LST		grey lst									
						100	1W	4R						
									LT	GY	---	--	--	0
16.76	18.29	1.53	LST		grey lst									
						100	1W	4R						
									LT	GY	---	--	--	0
18.29	19.81	1.52	LST		grey lst									
						100	1W	4R						
									LT	GY	---	--	--	0
19.81	21.34	1.53	LST		grey lst									
						100	1W	4R						
									LT	GY	---	--	--	0
21.34	22.86	1.52	LST		greylst									
						100	1W	4R						
									LT	GY	---	--	--	0
22.86	24.38	1.52	LST		grey lst									
						100	1W	4R						
									LT	GY	---	--	--	0
24.38	25.91	1.53	LST		grey lst with some brown material									
						100	1W	4R						
									LT	GY	---	--	--	0
									LT	BN				
25.91	27.43	1.52	LST		grey lst with some brown material									
						100	1W	4R						
									LT	GY	---	--	--	0
									LT	BN				
27.43	28.96	1.53	LST		grey lst									
						100	1W	4R						
									LT	GY	---	--	--	0
28.96	30.48	1.52	LST		grey lst									
						100	1W	4R						
									LT	GY	---	--	--	0
30.48	32.00	1.52	LST		grey lst with some brown material									

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
						100	1W	4R						
									LT	BN				
									LT	GY	---	--	--	0
32.00	33.53	1.53	LST		grey lst									
						100	1W	4R						
									LT	GY	---	--	--	0
33.53	35.05	1.52	LST		grey lst with some red/orange material									
						100	1W	4R						
									LT	GY	---	--	--	0
									LT	RD				
35.05	36.58	1.53	LST		grey lst with some brown material									
						100	1W	4R						
									LT	GY	---	--	--	0
									LT	BN				
36.58	38.10	1.52	LST		grey lst with some brown material									
						100	1W	4R						
									LT	GY	---	--	--	0
									LT	BN				
38.10	39.62	1.52	LST		grey lst									
						100	1W	4R						
									LT	GY	---	--	--	0
39.62	41.15	1.53	LST		grey lst									
						100	1W	4R						
									LT	GY	---	--	--	0
41.15	42.67	1.52	LST		grey lst									
						100	1W	4R						
									LT	GY	---	--	--	0
42.67	44.20	1.53	LST		grey lst with brown material									
						100	1W	4R						
									LT	GY	---	--	--	0
									LT	BN				
44.20	45.72	1.52	LST		grey lst									
						100	1W	4R						

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
									MD	GY	---	--	--	0
45.72	47.24	1.52	LST		grey lst									
						100	1W	4R						
									LT	GY	---	--	--	0
47.24	48.77	1.53	LST		grey lst									
						100	1W	4R						
									LT	GY	---	--	--	0
48.77	50.29	1.52	LST		grey lst									
						100	1W	4R						
									LT	GY	---	--	--	0
50.29	51.82	1.53	LST		grey lst									
						100	1W	4R						
									LT	GY	---	--	--	0
51.82	53.34	1.52	LST		grey lst									
						100	1W	4R						
									LT	GY	---	--	--	0
53.34	54.86	1.52	LST		grey lst									
						100	1W	4R						
									LT	GY	---	--	--	0
54.86	56.39	1.53	LST		grey lst									
						100	1W	4R						
									LT	GY	---	--	--	0
56.39	57.91	1.52	LST		grey lst									
						100	1W	4R						
									LT	GY	---	--	--	0
57.91	59.44	1.53	LST		grey lst									
						100	1W	4R						
									LT	GY	---	--	--	0
59.44	60.96	1.52	LST		grey lst									
						100	1W	4R						
									LT	GY	---	--	--	0
60.96	62.48	1.52	LST		grey lst									
						100	1W	4R						

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Colour Shade	Colour	Alteration	Intensity	Mineral	Conc.
									LT	GY	---	--	--	0

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
1.52	3.05	1.53	LST		light green LST									
						100	1W	4R						
									LT	GY	---	--	--	0
3.05	4.57	1.52	LST		light grey lst									
						100	--	4R						
									LT	GY	---	--	--	0
4.57	6.10	1.53	LST		three shades in this run. medium grey 30%, light grey 30%,beige 30%									
						100	2W	4R						
									MD	GY	OXI	2I	--	0
									LT	GY				
									MD	BG				
7.62	9.14	1.52	LST		30% beige 70% light grey									
						100	2W	4R						
									MD	BG				
									LT	GY	OXI	2I		
9.14	10.67	1.53	LST		80% of grey,20% light grey									
						100	3W	4R						
									LT	GY	OXI	3I		
									MD	YW				
10.67	12.19	1.52	LST		80% grey,20% medium beige									
						100	2W	4R						
									LT	GY	OXI	2I		
									MD	BG				
12.19	13.72	1.53	LST		light grey limestone with 10% beige									
						100	1W	4R						
									LT	GY	OXI	1I		
									LT	BG				
13.72	15.24	1.52	LST		50% beige 50% grey									

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
						100	2W	4R						
									LT	BG				
									LT	GY	OXI	1I		
15.24	16.76	1.52	LST		light yellow grey lst.									
						100	2W	4R						
									LT	YW	OXI	1I		
									LT	GY				
16.76	18.29	1.53	LST		light grey limestone									
						100	--	4R						
									LT	GY	---	--		
18.29	19.81	1.52	LST		light yellowish grey limestone									
						100	--	4R						
									LT	GY	---	--		
19.81	21.34	1.53	LST		light grey limestone.									
						100	--	4R						
									LT	GY	---	--		
21.34	22.86	1.52	LST		aaaa									
						100	--	4R						
									LT	GY	---	--	--	0
22.86	24.38	1.52	LST		aaaa									
						100	1W	4R						
									LT	GY	---	--	--	0
									LT	BG				
24.38	25.91	1.53	LST		aaa									
						100	--	4R						
									LT	GY	---	--	--	0
									LT	YW				
									--	--	---	--	--	0
25.91	27.43	1.52	LST		aaa									
						100	--	4R						
									LT	GY	---	--	--	0
									MD	GY				

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
27.43	28.96	1.53	LST		aaa									
						100	2W	4R						
									MD	GY	OXI	2I	--	0
									MD	YW				
28.96	30.48	1.52	LST		aaa									
						100	2W	4R						
									--	--				
									MD	GY	---	--	--	0
30.48	32.00	1.52	LST		aaa									
						100	--	4R						
									MD	GY	---	--	--	0
									LT	GY				
32.00	33.53	1.53	LST		aaa									
						100	1W	4R						
									MD	BG	OXI	1I	--	0
									MD	GY				
									LT	BN				
33.53	35.05	1.52	LST		aaa									
						100	--	4R						
									MD	GY			--	0
									MD	YW				
35.05	36.58	1.53	LST		aaa									
						100	1W	4R						
									LT	GY	OXI	1I	--	0
									LT	YW				
36.58	38.10	1.52	LST		aaa									
						100	--	4R						
									LT	GY				
38.10	39.62	1.52	LST		aaa									

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
						100	1W	4R						
									LT	GY	OXI	1I	--	0
									LT	BG				
39.62	41.15	1.53	LST		aaa									
						100	--	4R						
									LT	GY	---	--	--	0
41.15	42.67	1.52	LST		aaa									
						100	--	4R						
									LT	GY	OXI	1I	--	0
									LT	YW				
42.67	44.20	1.53	LST		aaa									
						100	1W	4R						
									LT	GY	---	--	--	0
									LT	BN				
44.20	45.72	1.52	LST		aaa									
						100	--	--						
									LT	GY	---	--	--	0
									LT	BN				
45.72	47.24	1.52	LST		aaa									
						100	--	--						
									LT	GY	---	--	--	0
									MD	BN				
47.24	48.77	1.53	LST		aaa									
						100	--	4R						
									LT	GY	---	--	--	0
48.77	50.29	1.52	LST		aaa									
						100	--	4R						
									LT	GY	---	--	--	0
50.29	51.82	1.53	LST		aaa									
						100	--	4R						
									LT	GY	---	--	--	0
									--	--				
51.82	53.34	1.52	LST		aa									

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
						100	--	4R						
									LT	YW				
									LT	GY	OXI	1I	--	0
53.34	54.86	1.52	LST		aaa									
						100	--	4R						
									LT	GY	---	--	--	0
54.86	56.39	1.53	LST		aaa									
						100	--	4R						
									LT	GY	---	--	--	0
56.39	57.91	1.52	LST		aaa									
						100	--	4R						
									MD	GY	---	--	--	0
57.91	59.44	1.53	LST		aaa									
						100	--	4R						
									LT	GY	---	--	--	0
59.44	60.96	1.52	LST		aaa									
						180	--	4R						
									LT	GY	---	--	--	0
60.96	62.48	1.52	LST		aaa									
						100	--	4R						
									LT	GY	---	--	--	0

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
0.00	1.52	1.52	OVB		overburden/cover. not sampled									
						100	--	--						
									--	--	---	--	--	0
1.52	3.05	1.53	OVB		overburden-. shale									
						100	3W	0R						
									DK	GY	OXI	2I	--	0
3.05	4.57	1.52	OVB		overburden-. 50/50 black shale/grey limestone.									
						100	2W	0R						
									DK	GY	OXI	2I	--	0
									DK	BN				
4.57	6.10	1.53	SLT		aa									
						100	3W	0R						
									DK	BR	OXI	2I	--	0
6.10	7.62	1.52	OVB		brown wet overburden. some small fragments of shale.									
						100	2W	0R						
									DK	BN	OXI	2I	--	0
7.62	9.14	1.52	SLT		brown slt									
						100	2W	0R						
									MD	BN	OXI	2I	--	0
											---	--		
9.14	10.67	1.53	SLT		brown lst?									
						100	3W	0R						
									MD	BN	OXI	2I	--	0
10.67	12.19	1.52	SLT		brown slt?									
						100	3W	0R						
									MD	BN	OXI	3I	--	0
12.19	13.72	1.53	LST		light grey lst									
						20	2W	3R						
									LT	GY	OXI	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
						80	3W	1R						
									MD	BN	OXI	2I	--	0
13.72	15.24	1.52	LST		grey lst.									
						40	2W	3R						
									LT	GY	OXI	2I	--	0
						60	3W	1R						
									MD	BN	OXI	2I	--	0
15.24	16.76	1.52	LST		yellow limestone									
						100	3W	4R						
									MD	YW	OXI	3I	--	0
									MD	BG				
16.76	18.29	1.53	LST		yellow brown limestone. very poor recovery!									
						100	3W	4R						
									LT	BN	OXI	2I	--	0
18.29	19.81	1.52	LST		light yellow brown limestone									
						100	3W	4R						
									LT	BG	OXI	3I	--	100
19.81	21.34	1.53	LST		light yellow lst.									
						100	3W	4R						
									LT	YW	OXI	3I	--	0
21.34	22.86	1.52	LST		very light beige lst.									
						100	2W	4R						
									LT	BG	OXI	2I	--	0
22.86	24.38	1.52	LST		medium to light brown limestone.									
						100	2W	4R						
									LT	BN	OXI	2I	--	0

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
0.00	1.52	1.52	OVB		brown ovb.									
						100	3W	2R						
									MD	BN	OXI	2I	--	0
1.52	3.05	1.53	OVB		brown overburden.									
						100	3W	2R						
									MD	BN			--	0
3.05	4.57	1.52	LST		small lst fragments in lst									
						5	3W	2R						
											OXI	--	--	0
						95	3W	0R						
									DK	GY	OXI	2I	--	0
4.57	6.10	1.53	LST		brown grey lst fault ???									
						50	2W	2R						
									MD	BN	OXI	2I	--	0
									MD	GY				
									LT	BN				
									MD	GY				
6.10	7.62	1.52	SLT		brown slt									
						100	3W	0R						
									MD	BN	OXI	3I	--	0
7.62	9.14	1.52	LST		10% limestone									
						10	2W	3R						
									MD	BN	OXI	2I	--	0
									MD	GY				
						90	3W	0R						
									MD	BN	OXI	3I	--	0
									MD	GY				

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
9.14	10.67	1.53	SLT		brown slt.									
						50	3W	0R						
									MD	BN	OXI	3I	--	0
									MD	GY	OXI	2I	--	0
10.67	12.19	1.52	LST		light beige limestone.									
						100	4W	4R						
									LT	BG	OXI	3I	--	0
12.19	13.72	1.53	LST		light beige lst									
						100	3W	4R						
									LT	BG	OXI	--	--	0
13.72	15.24	1.52	LST		beige limestone									
						100	2W	2R						
									MD	BG	OXI	2I	--	0
15.24	16.76	1.52	LST		light beige grey limestone									
						100	2W	4R						
									LT	GY	OXI	2I	--	0
									MD	BG				
16.76	18.29	1.53	LST		light grey limestone									
						100	1W	4R						
									LT	GY	OXI	1I	--	0
18.29	19.81	1.52	LST		light brown grey limestone									
						100	1W	4R						
									LT	GY				
									LT	BN	OXI	1I	--	0
19.81	21.34	1.53	LST		light beige grey limestone									
						100	1W	4R						
									LT	GY				
									LT	BG	OXI	1I	--	0
21.34	22.86	1.52	LST		beige limestone									
						100	2W	4R						
									MD	BG	OXI	2I	--	0

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
22.86	24.38	1.52	LST		beige limestone									
						100	2W	4R						
									MD	BG	OXI	2I	--	0
24.38	25.91	1.53	LST		beige limestone									
						100	2W	4R						
									MD	BG	OXI	2I	--	0
25.91	27.43	1.52	LST		beige limestone									
						100	2W	4R						
									MD	BG	OXI	2I	--	0
27.43	28.96	1.53	LST		light beige grey limestone									
						100	1W	4R						
									LT	BG	OXI	1I	--	0
									LT	GY				
28.96	30.48	1.52	LST		light beige grey limestone.									
						100	1W	4R						
									LT	BG	OXI	1I	--	0
									LT	GY				
30.48	32.00	1.52	LST		light. beige limestone									
						100	1W	4R						
									LT	BG	OXI	1I	--	0
									LT	GY				
32.00	33.53	1.53	LST		light grey limestone									
						100	1W	4R						
									LT	GY	OXI	1I	--	0
33.53	35.05	1.52	LST		light beige limestone									
						100	1W	4R						
									LT	BG	OXI	1I	--	0
35.05	36.58	1.53	LST		limestone									
						100	--	4R						
									LT	GY	---	--	--	0
36.58	38.10	1.52	LST		light grey limestone									
						100	--	4R						

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
									LT	GY	---	--	--	0
38.10	39.62	1.52	LST		light grey and light brown limestone									
						100	1W	4R						
									LT	GY	OXI	1I	--	0
									LT	BR				
39.62	41.15	1.53	LST		light grey limestone. difficult to get return while drilling. the hole is sucking air									
						100	--	4R						
									LT	GY	---	--	--	0
41.15	42.67	1.52	LST		light grey to white limestone. sample recovery very low. hole is sucking air. possible karst in area or fault???									
						100	--	4R						
									LT	GY	---	--	--	0
									DK	WH				
42.67	44.20	1.53	LST		very light grey to white limestone. very poor recovery. hole is. sucking air and only making dust. hole shut down.									
						100	--	4R						
									DK	WH				
									LT	GY	---	--	--	0

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
0.00	1.52	1.52	OVB		road fill overburden- - no recovery									
						100	--	--						
									--	--	---	--	--	0
1.52	3.05	1.53	LST		angular limestone fragments in overburden.									
						100	1W	4R						
									MD	GY	OXI	1I	--	0
3.05	4.57	1.52	LST		very wet limestone chips in mud									
						100	2W	4R						
									MD	TP	---	--	--	0
4.57	6.10	1.53	LST		very wet sample of limestone mud with moderate concentration of limestone rock chips.									
						100	1W	4R						
									MD	TP	---	--	--	0
6.10	7.62	1.52	LST		wet taupe mud with limestone fragments within.									
						100	--	3R						
									MD	TP	---	0I	--	0
7.62	9.14	1.52	LST		material transitions into dry sand half way through. likely into bedrock.									
						100	1W	4R						
									LT	TP	---	--	--	0
9.14	10.67	1.53	LST		beige limestone									
						100	1W	4R						
									MD	BG	OXI	1I	--	0
10.67	12.19	1.52	LST		light beige limestone									
						100	1W	4R						
									LT	BG	---	--	--	0
12.19	13.72	1.53	LST		beige grey limestone									
						100	--	4R						

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
									MD	BG			--	0
									LT	GY				
13.72	15.24	1.52	LST		sample high in rock chip concentration.									
						100	--	4R						
									MD	GY	---	--	--	0
15.24	16.76	1.52	LST		limestone - high concentration of rock chops									
						100	--	4R						
									MD	GY	---	--	--	100
16.76	18.29	1.53	LST		limestone. high concentration of rock chips									
						100	1W	4R						
									MD	BG	OXI	1I	--	0
18.29	19.81	1.52	LST		beige limestone with narrow brown oxide interval									
						100	1W	4R						
									MD	BG	---	--		
19.81	21.34	1.53	LST		limestone									
						100	1W	4R						
									MD	BG				
									MD	GY	---	--	--	0
21.34	22.86	1.52	LST		limestone									
						100	--	4R						
									LT	GY	---	--	--	0
22.86	24.38	1.52	LST		beige and grey limestone									
						100	2W	4R						
									MD	BG	OXI	2I	--	0
									LT	GY				
24.38	25.91	1.53	LST		transition from grey to brown limestone 1/2 was down									

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
						100	3W	4R						
									LT	GY	OXI	3I	--	0
									MD	OR				
25.91	27.43	1.52	LST		grey and yellow limestone									
						100	3W	4R						
									LT	GY	OXI	3I	--	0
									MD	YW				
27.43	28.96	1.53	LST		tan and grey limestone									
						100	2W	4R						
									MD	TN	OXI	1I	--	0
									LT	GY				
28.96	30.48	1.52	LST		orange brown limestone									
						100	3W	4R						
									DK	TN				
									MD	BG	OXI	3I	--	0
30.48	32.00	1.52	LST		thanks grey limestone									
						100	1W	4R						
									MD	TN	OXI	1I	--	0
									LT	GY				
32.00	33.53	1.53	LST		tan grey limestone									
						100	1W	4R						
									LT	GY	OXI	1I	--	0
									MD	TN				
33.53	35.05	1.52	LST		taupe grey limestone									
						100	1W	4R						
									MD	TP	OXI	1I	--	0
									LT	GY				
35.05	36.58	1.53	LST		light grey limestone with thin broken interval at top.									
						100	--	4R						
									LT	BN	---	--		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
									LT	GY	---	--	--	0
36.58	38.10	1.52	LST		grey limestone with sharp transition into brown limestone. !smalls like sulphide!									
						100	2W	4R						
									LT	GY	OXI	2I	--	0
									MD	BR				
38.10	39.62	1.52	-?-		delete									
						0	--	--						
									--	--	---	--	--	0
						100	1W	4R						
									LT	GY	OXI	1I	--	0
									MD	BG				
39.62	41.15	1.53	LST		grey and light yellow limestone									
						100	1W	4R						
									LT	YW				
									LT	GY	---	--	--	0
41.15	42.67	1.52	LST		light yellow grey limesstone									
						100	2W	4R						
									LT	GY	OXI	1I	--	0
									LT	YW				
42.67	44.20	1.53	LST		light yellow grey limestone									
						100	1W	4R						
									LT	YW	OXI	1I	--	0
									LT	GY				
44.20	45.72	1.52	LST		grey limestone with a short orange brown intervals.									
						100	2W	4R						
									LT	TN	OXI	2I	--	0
									LT	GY				
									LT	BN				
45.72	47.24	1.52	LST		yellow beige limestone									
						100	1W	4R						

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
									LT	YW	OXI	1I	--	0
									MD	BG				
47.24	48.77	1.53	LST		light yellow grey limestone									
						100	1W	4R						
									LT	YW				
									LT	GY	OXI	1I	--	0
48.77	50.29	1.52	LST		brown tan limestone									
						100	3W	4R						
									LT	BN	OXI	2I	--	0
									MD	TN				
50.29	51.82	1.53	LST		light brown to light grey limestone									
						100	2W	4R						
									LT	BN	OXI	2I	--	0
									LT	GY				
51.82	53.34	1.52	LST		light grey limestone									
						100	--	4R						
									LT	GY	---	--	--	100
53.34	54.86	1.52	LST		light grey limestone									
						100	--	4R						
									LT	GY	---	--	--	0
54.86	56.39	1.53	LST		light brown and grey limestone									
						100	1W	4R						
									LT	BN	OXI	1I	--	0
									LT	GY				
56.39	57.91	1.52	LST		light tan and grey limestone									
						100	1W	4R						
									LT	GY				
									LT	TN				
57.91	59.44	1.53	LST		light taupe limestone.									
						100	--	4R						
									LT	TP	---	--	--	0
59.44	60.96	1.52	LST		light grey limestone									

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
						100	--	4R						
									LT	GY	---	--	--	0
60.96	62.48	1.52	LST		grey limestone. e.o.h. out of rods									
						100	--	4R						
									LT	GY	---	--	--	0

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Nadaleen
Anubis Zone

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From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
0.00	1.52	1.52	OVB		road cut ovb									
						100	--	--						
									--	--	---	--	--	0
1.52	3.05	1.53	OVB		limestone ovb - very low recovery.									
						100	--	--						
									MD	BR	---	--	--	0
3.05	4.57	1.52	LST		grey brown limestone									
						50	1W	4R						
									MD	GY	---	--	--	0
									MD	OR	OXI	5I	Ca	2
									MD	BN				
4.57	6.10	1.53	OX		variably calcareous orange brown oxide with small chips of black siltstone within.									
						100	5W	2R						
									MD	OR	OXI	5I	--	0
									MD	BN				
6.10	7.62	1.52	OX		orange brown oxide with rock chips of both limestone and shale within.									
						100	5W	2R						
									MD	BN				
									MD	OR	OXI	5I	--	0
7.62	9.14	1.52	SHL		brownish grey shale									
						40	3W	0R						
									MD	BN				
									MD	GY	OXI	2I	--	0
						60	5W	2R						

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
									MD	BN				
									MD	OR	OXI	5I	--	0
9.14	10.67	1.53	LST		medium brown limestone									
						100	2W	3R						
									MD	BN	OXI	1I	--	0
10.67	12.19	1.52	LST		slightly calcareous limestone dirt. trouble with casing above so sample is likely contaminated. sample has very low recovery.									
						100	2W	2R						
									MD	BN	---	--	--	0
									MD	GY				
12.19	13.72	1.53	SHL		dark brown grey very slightly calcareous shale??									
						100	1W	1R						
									DK	BN	---	--	--	0
									MD	GY				
13.72	15.24	1.52	SHL		very slightly calcareous shale. very good recovery. into competent rock.									
						100	1W	1R						
									MD	GY				
									DK	BN	---	--	--	0

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
0.00	1.52	1.52	OVB		road fill overburden. part limestone part shale.									
						100	2W	2R						
									MD	GY				
									MD	BN	OXI	2I	--	0
1.52	3.05	1.53	SHL		weakly calcareous shale.									
						100	1W	2R						
									DK	GY	---	--	--	0
3.05	4.57	1.52	SHL		very slightly calcareous shale									
						100	--	1R						
									DK	GY	---	--	--	0
4.57	6.10	1.53	SHL		non calcareous shale									
						100	--	0R						
									DK	BK	---	--	--	0
6.10	7.62	1.52	SHL		wet goopy black shale									
						100	--	0R						
									DK	BK	---	--	--	0
7.62	9.14	1.52	SHL		black shale. not as goopy as the last run.									
						100	--	0R						
									DK	BK	---	--	--	0
9.14	10.67	1.53	SHL		black shale									
						100	--	0R						
									DK	BK	---	--	--	0
10.67	12.19	1.52	SHL		black shale									
						100	--	0R						
									DK	BK	---	--	--	0
12.19	13.72	1.53	SHL		black shale									
						100	--	0R						
									DK	BK	---	--	--	0
13.72	15.24	1.52	SHL		black shale									

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
						100	--	0R						
									DK	BK	---	--	--	0
15.24	16.76	1.52	SHL		black shale									
						100	--	0R						
									DK	BK	---	--	--	0
16.76	18.29	1.53	SHL		black shale									
						100	--	0R						
									DK	BK	---	--	--	0
18.29	19.81	1.52	SHL		black shale									
						100	--	0R						
									DK	BK	---	--	--	0
19.81	21.34	1.53	SHL		black shale									
						100	--	0R						
									DK	BK	---	--	--	0
21.34	22.86	1.52	SHL		dark grey shale									
						100	--	0R						
									DK	GY	---	--	--	0
22.86	24.38	1.52	SHL		dark grey brown shale									
						100	--	0R						
									DK	GY	---	--	--	0
									DK	BN				
24.38	25.91	1.53	SHL		dark brown grey shale									
						100	--	0R						
									DK	BN	---	--	--	0
									DK	GY				
25.91	27.43	1.52	SHL		dark grey and shale									
						100	--	0R						
									DK	BN	---	--	--	0
									DK	GY				
27.43	28.96	1.53	SHL		grey slightly calcareous dark grey brown shale									
						100	--	1R						
									DK	BN	---	--	--	0
									DK	GY				

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
28.96	30.48	1.52	SHL		dark brown grey shale									
						100	--	0R						
									DK	BN	---	--	--	0
									DK	GY				
30.48	32.00	1.52	SHL		very slightly calcareous shale									
						100	--	1R						
											---	--	--	0
32.00	33.53	1.53	SHL		shale									
						100	--	0R						
									DK	GY	---	--	--	0
									DK	BN				
33.53	35.05	1.52	SHL		shale									
						100	--	0R						
									DK	GY				
									DK	BN	---	--	--	0
35.05	36.58	1.53	SHL		shale									
						100	--	0R						
									DK	GY			--	0
36.58	38.10	1.52	SHL		shale									
						100	--	0R						
									DK	GY	---	--	--	0
38.10	39.62	1.52	SHL		shale									
						100	--	0R						
									DK	GY	---	--	--	0
39.62	41.15	1.53	SHL		shale									
						100	--	0R						
									DK	GY	---	--	--	0
41.15	42.67	1.52	SHL		shale									
						100	--	0R						
									DK	GY	---	--	--	0
42.67	44.20	1.53	SHL		shale									
						100	--	0R						
									DK	GY	---	--	--	0
44.20	45.72	1.52	SHL		very slightly calcareous shale									

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
						100	--	1R						
									DK	BK	---	--	--	0
									DK	BN				
45.72	47.24	1.52	SHL		shale									
						100	--	0R						
									DK	GY	---	--	--	0
47.24	48.77	1.53	SLT		brown siltstone ?? Anubis fault ??									
						100	2W	1R						
									MD	BN	OXI	2I	--	0
48.77	50.29	1.52	LST		orange brown oxidized limestone									
						100	3W	2R						
									MD	BN				
									MD	OR	OXI	4I	--	0
50.29	51.82	1.53	LST		medium orange yellow brown limestone									
						100	3W	4R						
									MD	BN				
									MD	OR	OXI	3I	--	0
									MD	YW				
51.82	53.34	1.52	LST		orange brown limestone									
						30	4W	4R						
									MD	OR	OXI	3I	--	0
									MD	BN				
						70	1W	0R						
									DK	GY			--	0
53.34	54.86	1.52	SHL		black shale									
						100	--	0R						
									DK	GY	---	--	--	0
54.86	56.39	1.53	SHL		dark grey brown shale									
						100	--	0R						

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
									DK	GY	---	--	--	0
									DK	BN				
56.39	57.91	1.52	SHL		dark grey shale									
						100	--	0R						
									DK	GY	---	0I	--	0
57.91	59.44	1.53	SHL		dark green shale									
						100	--	0R						
									DK	GY	---	0I	--	0
59.44	60.96	1.52	LST		light grey partially oxidized (to medium brown) limestone									
						100	2W	4R						
									LT	GY	OXI	2I	--	0
									MD	BN				
60.96	62.48	1.52	LST		medium taupe to brown limestonee									
						100	2W	4R						
									MD	BN				
									MD	TP	OXI	2I	--	0

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Nadaleen
Anubis Zone

Archer,Cathro & Associates (1981) Limited

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
0.00	1.52	1.52	SHL		black shale road fill overburden.									
						100	--	0R						
									DK	GY	---	--	--	0
1.52	3.05	1.53	SHL		black shale. overburden??									
						100	--	0R						
									DK	GY	---	--	--	0
									DK	GY	---	--	--	0
3.05	4.57	1.52	SHL		black shale									
						100	--	0R						
									DK	GY	---	--	--	0
4.57	6.10	1.53	SHL		black shale									
						100	--	0R						
									DK	GY	---	--	--	0
6.10	7.62	1.52	SHL		black shale									
						100	--	0R						
									DK	GY	---	--	--	0
7.62	9.14	1.52	SHL		black shale									
						100	--	0R						
									DK	GY	---	--	--	0

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
0.00	1.52	1.52	OVB		no recovery									
						100	--	--						
									--	--	---	--	--	0
1.52	3.05	1.53	OVB		overburden - no recovery									
						100	--	--						
									--	--	---	--	--	0
3.05	4.57	1.52	SHL		very wet soupy shale overburden.									
						100	--	--						
									DK	GY	---	--	--	0
4.57	6.10	1.53	SHL		soupy shale overburden.									
						100	--	--						
									DK	GY	---	--	--	0
6.10	7.62	1.52	SHL		sticky black shale.									
						100	--	--						
									DK	GY	---	--	--	0
7.62	9.14	1.52	SHL		black shale. material is starting to dry out.									
						100	--	0R						
									DK	GY	---	--	--	0
9.14	10.67	1.53	SHL		black shale									
						100	--	0R						
									--	--	---	--	--	0
10.67	12.19	1.52	SHL		black shale									
						100	--	0R						
									DK	GY				
12.19	13.72	1.53	SHL		black shale									
						100	--	0R						
									DK	GY	---	--	--	0
13.72	15.24	1.52	SHL		black shale									
						100	--	0R						
									DK	GY			--	0
15.24	16.76	1.52	SHL		black shale									

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
						100	--	0R						
									DK	GY	---	--	--	0
16.76	18.29	1.53	SHL		black shale									
						100	--	0R						
									DK	GY	---	--	--	0
18.29	19.81	1.52	SHL		grey brown shale									
						100	--	0R						
									DK	BN				
									DK	GY	---	--	--	0
19.81	21.34	1.53	SHL		medium grey brown shale. Anubis fault ???									
						50	2W	1R						
									MD	GY	---	--		
									MD	BN	OXI	1I	--	0
									MD	BN	OXI	1I	--	0
21.34	22.86	1.52	LST		medium brown limestone									
						100	2W	4R						
									MD	BN	---	--	--	0
22.86	24.38	1.52	LST		taupe limestone									
						100	1W	4R						
									MD	TP	---	--	--	0
24.38	25.91	1.53	LST		taupe to light brown limestone									
						100	1W	4R						
									MD	TP	---	--	--	0
									LT	BN				
25.91	27.43	1.52	LST		light and medium brown and orange oxidized limestone									
						100	3W	4R						
									MD	OR				
									LT	BN				

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
									MD	BN				
27.43	28.96	1.53	LST		dark grey limestone / calcareous shale??									
						100	--	3R						
									DK	GY	---	--	--	0
28.96	30.48	1.52	SHL		dark grey shale									
						100	--	1R						
									DK	GY	---	--	--	0
30.48	32.00	1.52	SHL		slightly calcareous shale									
						100	--	1R						
									DK	GY	---	--	--	0
32.00	33.53	1.53	SHL		slightly calcareous shale									
						100	--	1R						
									DK	GY	---	--	--	0
33.53	35.05	1.52	SHL		very slightly calcareous shale									
						100	--	1R						
									DK	GY	---	--	--	0
35.05	36.58	1.53	SHL		very slightly calcareous shale									
						100	--	1R						
									DK	GY	---	--	--	0
36.58	38.10	1.52	SHL		very slightly calcareous shale									
						100	--	1R						
									DK	GY	---	--	--	0
38.10	39.62	1.52	SHL		slightly calcareous shale									
						100	--	1R						
									DK	GY	---	--	--	0
39.62	41.15	1.53	SHL		black shale									
						100	--	0R						
									DK	GY	---	--	--	0
41.15	42.67	1.52	SHL		slightly calcareous shale									
						100	--	1R						
									DK	GY	---	--	--	0
42.67	44.20	1.53	SHL		slightly calcareous shale									

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
						100	--	1R						
									DK	GY	---	--	--	0
44.20	45.72	1.52	SHL		slightly calcareous shale									
						100	--	1R						
									DK	GY	---	--	--	0
45.72	47.24	1.52	SHL		slightly calcareous shale									
						50	2W	1R						
									DK	GY	---	--	--	0
									MD	OR	OXI	2I	--	0
									LT	GY				
47.24	48.77	1.53	LST		taupe and medium orange brown limestone									
						100	3W	4R						
									MD	BN				
									MD	TP	OXI	3I	--	0
									MD	OR				
48.77	50.29	1.52	LST		orange oxidized limestone									
						100	3W	4R						
									MD	OR	OXI	4I	--	0
									MD	BN				
50.29	51.82	1.53	LST		yellowish brown and taupe oxidized limestone									
						100	3W	4R						
									MD	OR	OXI	2I	--	0
									LT	BN				
									MD	TP				
51.82	53.34	1.52	LST		taupe limestone									
						100	1W	4R						
									MD	TP	---	--	--	0
53.34	54.86	1.52	LST		taupe limestone									

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
						100	1W	4R						
									MD	TP	---	--	--	0
54.86	56.39	1.53	LST		taupe to light grey limestone									
						100	--	4R						
									MD	TP	---	--	--	0
									LT	GY				
56.39	57.91	1.52	LST		taupe limestone									
						100	--	4R						
									MD	TP	---	--	--	0
57.91	59.44	1.53	LST		limestone with calcite sand within									
						100	--	4R						
									LT	TP	OXI	1I	Ca	2
59.44	60.96	1.52	LST		slightly oxidized limestone with calcite sand within									
						100	2W	4R						
									LT	GY	OXI	2I	Ca	3
									LT	OR				
60.96	62.48	1.52	LST		beige to taupe to meet one with increasing calcite from sand content									
						100	1W	4R						
									LT	TP	OXI	1I	Ca	5

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
0.00	1.52	1.52	OVB		road fill overburden - black shale									
						100	--	--						
									DK	GY	---	--	--	0
1.52	3.05	1.53	SHL		black shale overburden									
						100	--	--						
									DK	GY	---	--	--	0
3.05	4.57	1.52	SHL		black shal									
						100	--	0R						
									DK	GY	---	--	--	0
4.57	6.10	1.53	SHL		black shale									
						100	--	0R						
									DK	GY	---	--	--	0
6.10	7.62	1.52	SHL		black shale									
						100	--	0R						
									DK	GY	---	--	--	0
7.62	9.14	1.52	SHL		black shale									
						100	--	0R						
									DK	GY	---	--	--	0
9.14	10.67	1.53	SHL		black shale									
						100	--	0R						
									DK	GY	---	--	--	0
10.67	12.19	1.52	SHL		black shale									
						100	--	0R						
									DK	GY	---	--	--	0
12.19	13.72	1.53	SHL		black to dark brown shale									
						100	--	0R						
									DK	BN	---	--	--	0
									DK	GY				
13.72	15.24	1.52	SHL		dark brown to black shale									
						100	--	0R						
									DK	BN	---	--	--	0
									DK	GY				

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
15.24	16.76	1.52	SHL		non calcareous dark to medium brown and orange shale									
						100	3W	0R						
									DK	BN	OXI	3I	--	0
									MD	OR				
16.76	18.29	1.53	LST		medium brown limestone									
						100	3W	4R						
									MD	BN	OXI	2I	--	0
18.29	19.81	1.52	LST		medium orange brown siltstone									
						100	3W	4R						
									MD	BN				
									MD	OR	OXI	3I	--	0
19.81	21.34	1.53	LST		orange taupe limestone									
						100	3W	4R						
									MD	OR				
									MD	TP				
21.34	22.86	1.52	LST		taupe limestone									
						100	3W	4R						
									MD	TP				
22.86	24.38	1.52	LST		light taupe limestone									
						100	2W	4R						
									LT	TP	---	--	--	0
24.38	25.91	1.53	LST		taupe to light orange limestone									
						100	2W	4R						
									LT	OR				
									MD	TP	OXI	1I	--	0
25.91	27.43	1.52	LST		tan to orange limestone									
						100	3W	4R						
									MD	TN	OXI	3I	--	0

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
									MD	OR				
27.43	28.96	1.53	LST		tan limestone									
						100	1W	4R						
									MD	TN	OXI	1I	--	0
28.96	30.48	1.52	LST		light grey to taupe limestone									
						100	1W	4R						
									LT	GY	---	--	--	0
									MD	TP				
30.48	32.00	1.52	LST		light grey and orange brown limestone									
						100	2W	4R						
									MD	OR				
									LT	GY	OXI	2I	--	0
									MD	BN				
32.00	33.53	1.53	LST		medium orange brown limestone									
						100	3W	4R						
									MD	OR	---	--	--	0
33.53	35.05	1.52	LST		medium brown limestone									
						100	3W	4R						
									MD	BN	---	--	--	0
35.05	36.58	1.53	LST		light grey and brown limestone									
						100	3W	4R						
									LT	GY	OXI	3I	--	0
									MD	BN				
36.58	38.10	1.52	LST		light and medium brown limestone									
						100	2W	4R						
									MD	BN				
									LT	BN				
38.10	39.62	1.52	LST		light and medium brown limestone									

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
						100	2W	4R						
									LT	BN	OXI	2I	--	0
									MD	BN				
39.62	41.15	1.53	LST		light medium and dark brown oxidized limestone									
						100	3W	4R						
									LT	BN	OXI	2I	--	0
									MD	BN				
									DK	BN				
41.15	42.67	1.52	LST		light and medium brown limestone									
						100	2W	4R						
									LT	BN	OXI	1I	--	0
									MD	BN				
42.67	44.20	1.53	LST		medium brown limestone									
						100	2W	2R						
									MD	BN	OXI	2I	--	0
44.20	45.72	1.52	LST		medium orange brown limestone									
						100	2W	4R						
									MD	OR	OXI	1I	--	0
									MD	BN				
45.72	47.24	1.52	LST		light to medium brown limestone									
						100	2W	4R						
									LT	BN	OXI	1I	--	0
									MD	BN				
47.24	48.77	1.53	LST		medium orange brown limestone									
						100	2W	4R						
									MD	OR	OXI	2I	--	0
									MD	BN				
48.77	50.29	1.52	SHL		slightly calcareous shale									
						100	--	2R						

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
									DK	GY	---	--	--	0
50.29	51.82	1.53	SHL		slightly calcareous shale									
						100	--	1R						
									DK	GY	---	--	--	0
51.82	53.34	1.52	SHL		slightly calcareous shale									
						100	--	1R						
									DK	GY	---	--	--	0
53.34	54.86	1.52	SHL		very slightly calcareous shale									
						100	--	1R						
									DK	GY	---	--	--	0
54.86	56.39	1.53	SHL		very slightly calcareous shale									
						100	--	1R						
									DK	GY	---	--	--	0
56.39	57.91	1.52	LST		dark to medium brown limestone									
						100	1W	2R						
									DK	BN	---	--	--	0
									MD	BN				
57.91	59.44	1.53	LST		orange brown limestone									
						100	3W	4R						
									MD	OR	---	--	--	0
									MD	BN				
59.44	60.96	1.52	LST		medium brown limestone									
						100	--	3R						
									MD	BN	---	--	--	0
60.96	62.48	1.52	LST		light orange brown limestone									
						100	--	--						
									LT	OR	OXI	2I	--	0

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
0.00	1.52	1.52	LST		limestone overburden									
						100	--	3R						
									DK	BN	---	--	--	0
									DK	BN	---	--	--	0
1.52	3.05	1.53	LST		limestone overburden									
						100	4W	2R						
									DK	GY	---	--	--	0
3.05	4.57	1.52	LST		dark brown limestone gravel									
						100	4W	3R						
									DK	BN	---	--	--	0
4.57	6.10	1.53	LST		medium brown oxidized limestone pebbles									
						100	4W	4R						
									MD	BN	---	--	--	0
6.10	7.62	1.52	LST		medium brown oxidized limestone									
						100	3W	4R						
									MD	BN	OXI	3I	--	0
7.62	9.14	1.52	LST		medium brown limestone									
						100	3W	3R						
									MD	BN	OXI	2I	--	0
9.14	10.67	1.53	LST		medium orange brown limestone									
						100	3W	3R						
									MD	OR	OXI	3I	--	0
									MD	BN				
10.67	12.19	1.52	LST		light brown limestone									
						100	4W	4R						
									MD	BN	---	--	--	0
12.19	13.72	1.53	LST		light to medium brown limestone									
						100	2W	3R						

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
									LT	BN			--	0
									MD	BN				
13.72	15.24	1.52	LST		orange limestone with moderate concentration of white calcite fragments.									
						100	4W	4R						
									MD	OR	OXI	3I	--	0
15.24	16.76	1.52	LST		orange brown oxidized limestone									
						100	4W	4R						
									MD	BN				
									MD	OR	OXI	2I	--	0
16.76	18.29	1.53	LST		orange limestone									
						100	3W	4R						
									MD	OR	OXI	2I	Ca	1
18.29	19.81	1.52	LST		orange limestone									
						100	3W	4R						
									MD	OR	OXI	3I	--	0
19.81	21.34	1.53	LST		strongly oxidized orange limestone									
						100	4W	4R						
									MD	OR	OXI	4I	--	0
21.34	22.86	1.52	LST		red and orange strongly oxidized limestone									
						100	5W	4R						
									MD	RD	OXI	4I	--	0
									MD	OR				
22.86	24.38	1.52	LST		red limestone									
						100	5W	4R						
									MD	RD	HEM	4I	--	0
24.38	25.91	1.53	LST		grey yellow and red limestone									

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
						100	3W	4R						
									LT	OR	OXI	2I	--	0
									LT	RD	HEM	2I		
25.91	27.43	1.52	LST		red and grey limestone									
						100	2W	4R						
									LT	RD	HEM	1I	--	0
									LT	GY				
27.43	28.96	1.53	LST		slightly pinkish red limestone									
						100	2W	4R						
									LT	GY	HEM	2I	--	0
									LT	RD				
28.96	30.48	1.52	LST		grey limestone									
						100	--	4R						
									LT	GY	---	--	--	0
30.48	32.00	1.52	LST		slightly orange ish grey limestone									
						100	1W	4R						
									LT	GY				
									LT	OR	OXI	1I	--	0
32.00	33.53	1.53	LST		light grey limestone									
						100	--	4R						
									LT	GY	---	--	--	0
33.53	35.05	1.52	LST		light grey limestone									
						100	--	4R						
									LT	GY	---	--	--	0
35.05	36.58	1.53	LST		light grey. limestone									
						100	--	4R						
									LT	GY	---	--	--	0
36.58	38.10	1.52	LST		light grey limestone									
						100	--	4R						
									LT	GY	---	--	--	0
38.10	39.62	1.52	LST		light grey limestone									
						100	--	4R						

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
									LT	GY	---	--	--	0
39.62	41.15	1.53	LST		light grey limestone									
						100	--	4R						
									LT	GY	---	--	--	0
41.15	42.67	1.52	LST		creamy grey limestone									
						100	--	4R						
									LT	GY	---	--	--	0
42.67	44.20	1.53	LST		light grey limestone									
						100	--	4R						
									LT	GY	---	--	--	0
44.20	45.72	1.52	LST		light grey to white limestone									
						100	--	4R						
									LT	GY	---	--	--	0
45.72	47.24	1.52	LST		light beige grey limestone									
						100	--	4R						
									LT	BG	---	--	--	0
									LT	GY				
47.24	48.77	1.53	LST		light beige and medium brown lst									
						100	2W	4R						
									MD	BG	OXI	1I	--	0
									MD	BN				
48.77	50.29	1.52	LST		light grey limestone									
						100	--	4R						
											---	--		
									LT	GY	---	--	--	0
50.29	51.82	1.53	LST		very slightly tan grey limestone									
						100	1W	4R						
									LT	GY				
									LT	TN	OXI	1I	--	0
51.82	53.34	1.52	LST		beige send red brown oxidized limestone									
						100	--	4R						
									MD	BG	OXI	2I	--	0

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
									LT	BN				
									MD	OR				
53.34	54.86	1.52	LST		light yellow grey limestone									
						100	--	4R						
									LT	YW	OXI	1I	--	0
									LT	GY				
54.86	56.39	1.53	LST		light grey limestone									
						100	--	4R						
									LT	GY	---	--	--	0
56.39	57.91	1.52	LST		light orange grey limestone									
						100	1W	4R						
									LT	OR	OXI	1I	--	0
									LT	GY				
57.91	59.44	1.53	LST		light to medium grey limestone									
						100	--	4R						
									LT	GY	---	--	--	0
									MD	GY				
59.44	60.96	1.52	LST		medium grey liimeestone									
						100	--	4R						
									MD	GY	---	--	--	0
60.96	62.48	1.52	LST		yellow orange grey limestone									
						100	--	4R						
									LT	GY				
									LT	YW	OXI	1I	--	0
									LT	OR				

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
0.00	1.52	1.52	OVB		limestone gravel overburden									
						100	2W	3R						
									DK	GY	---	--	--	0
1.52	3.05	1.53	OVB		limestone gravel overburden									
						100	2W	3R						
									DK	GY	---	--	--	0
3.05	4.57	1.52	OVB		limestone gravel overburden.									
						100	2W	3R						
									DK	GY	---	--	--	0
4.57	6.10	1.53	OVB		limestone gravel ovetburden									
						100	2W	3R						
									DK	GY	---	--	--	0
6.10	7.62	1.52	LST		limestone pebble / mud. OVB????									
						100	3W	3R						
									DK	BN	---	--	--	0
7.62	9.14	1.52	LST		limestone pebble (ovb??)									
						100	3W	2R						
									DK	BN	---	--	--	0
9.14	10.67	1.53	SHL		very slightly calcareous dark brown shale									
						100	4W	1R						
											OXI	2I	--	0
10.67	12.19	1.52	SHL		slightly calcareous dark brown shale									
						100	4W	2R						
									DK	BN	OXI	2I	--	0
12.19	13.72	1.53	SHL		dark brown shale.									
						100	2W	0R						
									DK	BN	---	--	--	0
13.72	15.24	1.52	SHL		dark brown shale									
						100	2W	0R						
									DK	BN	---	--	--	0
15.24	16.76	1.52	SHL		dark brown shale									

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
						100		2R						
									DK	BN	---	--	--	0
16.76	18.29	1.53	SHL		black shale									
						100	1W	0R						
									DK	GY	---	--	--	0
18.29	19.81	1.52	SHL		black shale									
						100	1W	1R						
									DK	GY	---	--	--	0
19.81	21.34	1.53	SHL		dark brown shale									
						40	1W	--						
											---	--	--	0
						60	1W	4R						
											---	--	--	0
21.34	22.86	1.52	LST		grey to brown limestone									
						100	2W	4R						
									MD	BN				
									LT	GY			--	0
									MD	GY	---	--	--	0
22.86	24.38	1.52	LST		medium brown limestone									
						100	2W	4R						
									MD	BN	---	--	--	0
24.38	25.91	1.53	LST		dark brown limestone									
						100	--	4R						
									DK	BN	---	--	--	0
27.43	28.96	1.53	LST		limestone									
						100	--	4R						
									DK	BN			--	0
28.96	30.48	1.52	SHL		shale?									
						100	--	2R						
									DK	BN	---	--	--	0
30.48	32.00	1.52	SHL		shale									
						100	--	1R						

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
									DK	BN	---	--	--	0
32.00	33.53	1.53	SHL		shale									
						100	--	1R						
									DK	GY	---	--	--	0
33.53	35.05	1.52	LST		limestone									
						100	2W	4R						
									MD	GY	OXI	2I	--	0
									MD	OR				
35.05	36.58	1.53	LST		limestone									
						100	--	4R						
									MD	OR	OXI	2I	--	0
									MD	GY				
36.58	38.10	1.52	LST		limestone									
						100	1W	4R						
									MD	GY				
									MD	OR	OXI	2I	--	0
38.10	39.62	1.52	LST		limestone									
						100	1W	4R						
									MD	GY	OXI	1I	--	0
									MD	OR				
39.62	41.15	1.53	LST		limestone									
						100	1W	4R						
									MD	GY	OXI	1I	--	0
									MD	OR				
41.15	42.67	1.52	LST		limestone									
						100	1W	4R						
									MD	GY	OXI	0I	--	0

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
									MD	OR				
42.67	44.20	1.53	LST		limestone									
						100	--	4R						
									MD	GY	---	--	--	0
44.20	45.72	1.52	LST		limestone									
						100	2W	4R						
									MD	GY	OXI	1I	--	0
									MD	OR				
									MD	WH				
45.72	47.24	1.52	LST		limestone									
						100	2W	4R						
									LT	OR	OXI	2I	--	0
									MD	OR				
									MD	GY				
47.24	48.77	1.53	LST		limestone									
						100	2W	4R						
									MD	OR				
									MD	GY	OXI	1I	--	0
48.77	50.29	1.52	LST		limestone									
						100	2W	4R						
									MD	GY				
									MD	OR	OXI	3I	--	0
50.29	51.82	1.53	LST		limestone									
						100	1W	4R						
									MD	GY	OXI	1I	--	0
									MD	OR				
									--	--				

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
									--	--				
51.82	53.34	1.52	LST		limestone									
						100	1W	4R						
									MD	GY	OXI	0I	--	0
53.34	54.86	1.52	LST		limestone									
						100	--	4R						
									LT	GY	---	--	--	0
54.86	56.39	1.53	LST		limestone									
						100	2W	4R						
									MD	GY	OXI	2I	--	0
									MD	OR				
56.39	57.91	1.52	LST		limestone									
						100	--	4R						
									LT	GY	---	--	--	0
57.91	59.44	1.53	LST		limestone									
						100	--	4R						
									LT	GY	---	--	--	0
59.44	60.96	1.52	LST		limestone									
						100	2W	4R						
									LT	GY	OXI	2I	--	0
									MD	OR				
60.96	62.48	1.52	LST		limestone									
						100	1W	4R						
									LT	OR				
									MD	GY	OXI	0I	--	0

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
0.00	1.52	1.52	OVB		shale and soil overburden									
						100	--	--						
									DK	BK	---	--	--	0
1.52	3.05	1.53	OVB		shale and soil overburden									
						100	--	--						
									DK	BK	---	--	--	0
3.05	4.57	1.52	SHL		shale									
						25	--	--						
									DK	GY	---	--	--	0
						75	--	--						
									DK	BK	---	--	--	0
4.57	6.10	1.53	SHL		shale with limestone fragments, very low recovery									
						100	--	2R						
									DK	BK	---	--	--	0
									LT	OR				
6.10	7.62	1.52	LST		limestone									
						100	--	4R						
									MD	GY	---	--	--	0
									DK	GY				
7.62	9.14	1.52	LST		limestone									
						100	--	4R						
									DK	BN				
									MD	GY	OXI	1I	--	0
9.14	10.67	1.53	FLR		fault rock with limestone fragments?									
						100	2W	2R						
									MD	BN	OXI	2I	--	0
10.67	12.19	1.52	FLR		clay rich flr?									
						100	4W	1R						
									MD	BN	OXI	4I	--	0

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
									MD	OR				
12.19	13.72	1.53	FLR		clay rich									
						100	4W	0R						
									MD	BN	OXI	3I	--	0
									MD	OR				
13.72	15.24	1.52	FLR		clay rich fault rock? low recovery									
						100	4W	0R						
									MD	OR	OXI	4I	--	0
									MD	BN				
15.24	16.76	1.52	-?-		no recovery									
						100	--	--						
									--	--	---	--	--	0
16.76	18.29	1.53	-?-		no recovery									
						100	--	--						
									--	--	---	--	--	100
18.29	19.81	1.52	-?-		no recovery									
						100	--	--						
									--	--	---	--	--	0

ARB-15-024

Nadaleen
Anubis Zone

Archer,Cathro & Associates (1981) Limited

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
0.00	1.52	1.52	OVB		shale soil with minor limestone overburden									
						100	--	2R						
									DK	BN	---	--	--	0
1.52	3.05	1.53	LST		limestone with shale and soil, low recovery									
						100	2W	3R						
									DK	GY	OXI	2I	--	0
3.05	4.57	1.52	LST		limestone with minor shale									
						100	1W	4R						
									DK	GY	OXI	1I	Ca	1
4.57	6.10	1.53	LST		limestone with minor shale, very low recovery									
						100	1W	3R						
									DK	GY	OXI	1I	Ca	1
6.10	7.62	1.52	LST		limestone with trace shale, very low recovery									
						100	1W	3R						
									DK	GY	OXI	1I	--	0
7.62	9.14	1.52	LST		limestone with trace shale? low recovery									
						100	1W	3R						
									DK	GY	OXI	0I	Ca	1

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Nadaleen
Anubis Zone

Archer,Cathro & Associates (1981) Limited

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
0.00	1.52	1.52	OVB		shale soil with minor limestone overburden, very low recovery									
						100	--	2R						
									DK	BN	---	--	--	0
1.52	3.05	1.53	LST		limestone with shale and soil, low recovery									
						100	2W	3R						
									DK	GY	OXI	2I	--	0
3.05	4.57	1.52	LST		limestone, very low recovery									
						100	1W	4R						
											---	--		
									DK	GY	OXI	1I	--	0
4.57	6.10	1.53	LST		limestone, very low recovery									
						100	1W	3R						
									DK	GY	---	--	--	0
6.10	7.62	1.52	LST		limestone, very low recovery									
						100	--	3R						
									DK	BN				
									DK	GY	OXI	1I	--	0
7.62	9.14	1.52	LST		limestone, very low recovery									
						100	1W	3R						
									DK	GY	---	--	--	0
9.14	10.67	1.53	SHL		shale, very low recovery									
						100	--	1R						
									DK	GY	---	--	--	0
10.67	12.19	1.52	SHL		shale									
						100	1W	1R						
									DK	GY	OXI	0I	--	0
12.19	13.72	1.53	SHL		clay rich shale									
						100	--	1R						
									DK	GY	---	--	--	0
13.72	15.24	1.52	SHL		clay rich shale									

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
						100	2W	2R						
									DK	GY	OXI	2I	--	0
15.24	16.76	1.52	FLR		clay rich fault rock? first sample of bedrock?									
						100	--	0R						
									DK	BN	---	--	--	0
16.76	18.29	1.53	FLR		clay rich fault rock?									
						100	1W	1R						
									MD	BN	OXI	1I	--	0
18.29	19.81	1.52	FLR		fault rock?									
						100	2W	0R						
									MD	BN	OXI	2I	--	0
19.81	21.34	1.53	LST		limestone									
						100	2W	4R						
									MD	GY	OXI	2I	--	0
									MD	BN				
21.34	22.86	1.52	LST		limestone									
						100	2W	4R						
									MD	BN	OXI	2I	--	0
									MD	GY				
22.86	24.38	1.52	LST		limestone									
						100	4W	4R						
									MD	OR	OXI	4I	--	0
									MD	BN				
24.38	25.91	1.53	LST		limestone									
						100	2W	4R						
									MD	BN	OXI	2I	--	0
									MD	GY				
25.91	27.43	1.52	LST		limestone									

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
						100	2W	4R						
									MD	GY	OXI	2I	--	0
									MD	BN				
27.43	28.96	1.53	LST		limestone									
						100	--	3R						
									DK	GY	---	--	--	0
									MD	GY				
28.96	30.48	1.52	LST		limestone									
						100	--	4R						
									LT	GY	---	--	--	0
30.48	32.00	1.52	LST		limestone									
						100	1W	4R						
									MD	GY	OXI	0I	--	0
32.00	33.53	1.53	LST		limestone									
						100	1W	4R						
									LT	OR				
									MD	GY	OXI	1I	--	0
33.53	35.05	1.52	LST		limestone									
						100	2W	4R						
									LT	OR				
									MD	GY	OXI	2I	--	0
35.05	36.58	1.53	LST		limestone									
						100	1W	4R						
									LT	OR				
									MD	GY	OXI	1I	--	0
36.58	38.10	1.52	LST		limestone									
						100	1W	4R						
									LT	OR				
									MD	GY	OXI	1I	--	0
38.10	39.62	1.52	LST		limestone									

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
						100	3W	4R						
									MD	WH				
									MD	OR	OXI	3I	Ca	3
39.62	41.15	1.53	LST		limestone									
						100	3W	4R						
									MD	OR	OXI	3I	Ca	1
									LT	GY				
41.15	42.67	1.52	LST		limestone									
						100	1W	4R						
									MD	BN	OXI	1I	--	0
									MD	GY				
42.67	44.20	1.53	LST		limestone									
						100	2W	4R						
									LT	GY	OXI	2I	--	0
									MD	OR				
44.20	45.72	1.52	LST		limestone									
						100	1W	4R						
									MD	GY	OXI	1I	--	0
45.72	47.24	1.52	LST		limestone									
						100	--	4R						
									LT	GY	---	--	--	0
47.24	48.77	1.53	LST		limestone									
						100	--	4R						
									LT	GY	---	--	--	0
48.77	50.29	1.52	LST		limestone									
						100	--	4R						
									LT	GY	---	--	--	0
50.29	51.82	1.53	LST		limestone									
						100	--	4R						
									LT	GY	---	--	--	0

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
51.82	53.34	1.52	LST		limestone									
						100	1W	4R						
									LT	OR				
									LT	GY	OXI	1I	--	0
53.34	54.86	1.52	LST		limestone									
						100	1W	4R						
									LT	GY	OXI	1I	--	0
54.86	56.39	1.53	LST		limestone									
						100	1W	4R						
									LT	GY	OXI	1I	--	0
									LT	OR				
56.39	57.91	1.52	LST		limestone									
						100	1W	4R						
									LT	GY	OXI	1I	--	0
57.91	59.44	1.53	LST		limestone									
						100	--	4R						
									LT	GY	---	--	--	0
59.44	60.96	1.52	LST		limestone									
						100	--	4R						
									LT	GY	---	--	--	0
60.96	62.48	1.52	LST		limestone									
						100	--	4R						
									LT	GY	---	--	--	0

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
0.00	1.52	1.52	-?-		no recovery									
						100	--	--						
									--	--	---	--	--	0
1.52	3.05	1.53	OVB		limey overburden									
						100	1W	4R						
									DK	BN	OXI	1I	--	0
3.05	4.57	1.52	OVB		limey overburden									
						100	1W	4R						
									DK	BN	OXI	1I	--	0
4.57	6.10	1.53	SHL		shale rich overburden									
						100	--	2R						
									LT	BN	---	--	--	0
6.10	7.62	1.52	SHL		shale rich overburden									
						100	--	0R						
									DK	BK	---	--	--	0
7.62	9.14	1.52	SHL		shale rich overburden									
						100	--	0R						
									DK	BK	---	--	--	0
9.14	10.67	1.53	SHL		shale									
						100	--	1R						
									DK	BK	---	--	--	0
10.67	12.19	1.52	SHL		shale									
						100	--	1R						
									DK	BK	---	--	--	0
12.19	13.72	1.53	SHL		clay rich shale									
						100	1W	0R						
									DK	GY	---	--	--	0
13.72	15.24	1.52	-?-		mostly brown water with few indistinguishable fragments									
						100	--	--						
									DK	BN	---	--	--	0
15.24	16.76	1.52	SHL		shale									

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
						100	--	0R						
									DK	GY	---	--	--	0
16.76	18.29	1.53	SHL		shale									
						100	--	0R						
									DK	GY	---	--	--	0
18.29	19.81	1.52	SHL		shale bedrock									
						100	--	0R						
									DK	GY	---	--	--	0
19.81	21.34	1.53	SHL		shale, low recovery									
						100	--	0R						
									DK	GY	---	--	--	0
21.34	22.86	1.52	SHL		shale									
						100	--	0R						
									DK	GY	---	--	--	0
22.86	24.38	1.52	SHL		shale									
						100	--	0R						
									DK	GY	---	--	--	0
24.38	25.91	1.53	SHL		shale									
						100	--	0R						
									DK	GY	---	--	--	0
25.91	27.43	1.52	SHL		shale mud									
						100	--	0R						
									DK	GY	---	--	--	0
27.43	28.96	1.53	SHL		mostly water with few fragments									
						100	--	0R						
									DK	GY	---	--	--	0
28.96	30.48	1.52	SHL		mostly water with few fragments									
						100	--	0R						
									DK	GY	---	--	--	0
30.48	32.00	1.52	SHL		very wet shale									
						100	--	0R						
									DK	GY	---	--	--	0
32.00	33.53	1.53	SHL		mostly water with some shale fragments									

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
						100	--	0R						
									DK	GY	---	--	--	0
33.53	35.05	1.52	SHL		very wet shale									
						100	--	0R						
									LT	GY	---	--	Ca	1
35.05	36.58	1.53	SHL		mostly water with a small amount of shale fragments									
						100	--	0R						
									DK	GY	---	--	Ca	1
36.58	38.10	1.52	SHL		water with shale									
						100	--	0R						
									DK	GY	---	--	Ca	1
38.10	39.62	1.52	SHL		water with shale									
						100	--	0R						
									DK	GY	---	--	Ca	1
39.62	41.15	1.53	SHL		water with shale									
						100	--	0R						
									DK	GY	---	--	Ca	1
41.15	42.67	1.52	SHL		water with shale									
						100	--	0R						
									DK	GY	---	--	Ca	1
42.67	44.20	1.53	SHL		water with shale									
						100	--	0R						
									DK	GY	---	--	Ca	1
44.20	45.72	1.52	SHL		water with shale									
						100	--	0R						
									DK	GY	---	--	Ca	1
45.72	47.24	1.52	SHL		water with shale									
						100	--	0R						
									DK	GY	---	--	Ca	1
47.24	48.77	1.53	SHL		water with shale									
						100	--	0R						
									DK	GY	---	--	Ca	1
48.77	50.29	1.52	SHL		water with shale									

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
						100	--	0R						
									DK	GY	---	--	Ca	1
50.29	51.82	1.53	SHL		water with shale									
						100	--	0R						
									DK	GY	---	--	Ca	1
51.82	53.34	1.52	SHL		water with shale									
						100	--	0R						
									DK	GY	---	--	Ca	1
53.34	54.86	1.52	SHL		water with shale									
						100	--	0R						
									DK	GY	---	--	Ca	1
54.86	56.39	1.53	SHL		water with shale									
						100	--	0R						
									DK	GY	---	--	Ca	1
56.39	57.91	1.52	SHL		water with shale									
						100	--	0R						
									DK	GY	---	--	Ca	1
57.91	59.44	1.53	SHL		water with shale									
						100	--	0R						
									DK	GY	---	--	Ca	1
59.44	60.96	1.52	SHL		water with shale									
						100	--	0R						
									DK	GY	---	--	Ca	1
60.96	62.48	1.52	SHL		water with shale									
						100	--	0R						
									DK	GY	---	--	Ca	1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
0.00	1.52	1.52	OVB		limey overburden									
						100	--	4R						
									MD	BN	---	--	--	0
1.52	3.05	1.53	OVB		limey overburden with shale fragments									
						100	--	3R						
									DK	GY	---	--	--	0
3.05	4.57	1.52	OVB		shale rich overburden									
						100	--	--						
									DK	GY	---	--	--	0
4.57	6.10	1.53	SHL		shale with minor overburden									
						100	--	--						
									DK	GY	---	--	--	0
6.10	7.62	1.52	SHL		shale bedrock									
						100	--	0R						
									DK	GY	---	--	--	0
7.62	9.14	1.52	SHL		shale									
						100	--	0R						
									DK	GY	---	--	--	0
9.14	10.67	1.53	SHL		shale									
						100	--	0R						
									DK	GY	---	--	--	0
10.67	12.19	1.52	SHL		shale									
						100	--	0R						
									DK	GY	---	--	--	0
12.19	13.72	1.53	SHL		oxidized and unoxidized shale or fault rock									
						100	2W	0R						
									DK	GY	OXI	2I	--	0
									MD	BN				
13.72	15.24	1.52	SHL		oxidized and unoxidized shale or fault rock?									

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
						100	3W	0R						
									MD	BN				
									DK	GY	OXI	3I	--	0
15.24	16.76	1.52	SHL		oxidized shale or fault rock									
						100	4W	0R						
									MD	OR	OXI	4I	--	0
16.76	18.29	1.53	FLR		fault rock?									
						100	4W	2R						
									MD	OR	OXI	4I	--	0
18.29	19.81	1.52	FLR		limey, clay rich fault rock									
						100	4W	4R						
									MD	OR	OXI	4I	Ca	3
19.81	21.34	1.53	FLR		limey, clay rich fault rock									
						100	4W	4R						
									MD	OR	OXI	4I	Ca	1
22.86	24.38	1.52	FLR		clay rich mud									
						100	4W	4R						
									MD	GY	OXI	4I	--	0
24.38	25.91	1.53	LST		Oxidized limestone.									
						100	3W	4R						
									MD	BN	OXI	3I	Ca	1
25.91	27.43	1.52	LST		Oxidized limestone.									
						100	3W	4R						
									MD	BN	OXI	3I	--	0
27.43	28.96	1.53	LST		Oxidized limestone.									
						100	3W	4R						
									MD	BN	OXI	3I	--	0
28.96	30.48	1.52	LST		Weakly oxidized limestone.									
						100	2W	4R						

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
									MD	BN	OXI	2I	--	0
									LT	GY				
30.48	32.00	1.52	LST		Weakly oxidized limestone.									
						100	2W	4R						
									LT	GY	OXI	2I	--	0
									LT	OR				
32.00	33.53	1.53	LST		Limestone.									
						100	1W	4R						
									LT	GY	OXI	1I	--	0
33.53	35.05	1.52	LST		Limestone.									
						100	1W	4R						
									LT	GY	OXI	1I	--	0
35.05	36.58	1.53	LST		Trace oxidized limestone.									
						100	1W	4R						
									LT	GY	OXI	1I	--	0
36.58	38.10	1.52	LST		Trace oxidized limestone.									
						100	1W	4R						
									LT	GY	OXI	1I	--	0
38.10	39.62	1.52	LST		Trace oxidized limestone.									
						100	1W	4R						
									LT	GY	OXI	1I	--	0
39.62	41.15	1.53	LST		Limestone with minor oxidation.									
						100	2W	4R						
									MD	GY	OXI	2I	--	0
									MD	OR				
41.15	42.67	1.52	LST		Limestone.									
						100	1W	4R						
									MD	GY	---	--	--	0
42.67	44.20	1.53	LST		Limestone.									
						100	--	4R						
									LT	GY	---	--	--	0

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
44.20	45.72	1.52	LST		Limestone.									
						100	--	4R						
									LT	GY	---	--	--	0
45.72	47.24	1.52	LST		Limestone.									
						100	--	4R						
									LT	GY	---	--	--	0
47.24	48.77	1.53	LST		Weakly oxidized limestone.									
						100	2W	4R						
									LT	GY	OXI	2I	--	0
									MD	OR				
48.77	50.29	1.52	LST		Trace oxidized limestone.									
						100	1W	4R						
									LT	GY	OXI	1I	--	0
									MD	OR				
50.29	51.82	1.53	LST		Limestone.									
						100	--	4R						
									MD	GY	---	--	--	0
51.82	53.34	1.52	LST		Weakly oxidized limestone.									
						100	2W	4R						
									MD	GY	OXI	2I	--	0
									MD	OR				
53.34	54.86	1.52	LST		Moderately oxidized limestone.									
						100	3W	4R						
									MD	OR	OXI	3I	--	0
									MD	GY				
54.86	56.39	1.53	LST		Limestone.									
						100	--	4R						
									MD	GY	---	--	--	0
56.39	57.91	1.52	LST		Limestone.									

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
						100	--	4R						
									MD	GY	---	--	--	0
57.91	59.44	1.53	LST		Limestone.									
						100	--	4R						
									MD	GY	---	--	--	0
59.44	60.96	1.52	LST		Trace oxidized limestone.									
						100	1W	4R						
									MD	GY	OXI	1I	--	0
60.96	62.48	1.52	LST		Limestone.									
						100	--	4R						
									MD	GY	---	--	--	0

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
0.00	1.52	1.52	OVB		Limey overburden.									
						100	--	4R						
									DK	BN	---	--	--	0
1.52	3.05	1.53	OVB		Overburden with shale fragments.									
						100	--	2R						
									DK	BN	---	--	--	0
3.05	4.57	1.52	SHL		Shale with minor overburden.									
						100	--	1R						
									DK	BN	---	--	--	0
4.57	6.10	1.53	SHL		Shale with minor overburden.									
						100	--	2R						
									DK	BN	---	--	--	0
6.10	7.62	1.52	SHL		Shale.									
						100	--	1R						
									DK	BN	---	--	--	0
7.62	9.14	1.52	SHL		Shale.									
						100	--	0R						
									DK	BN	---	--	--	0
									DK	GY				
9.14	10.67	1.53	FLR		Fault rock?									
						100	2W	0R						
									MD	BN	OXI	2I	--	0
10.67	12.19	1.52	FLR		Fault rock.									
						100	3W	2R						
									MD	OR	OXI	3I	--	0
12.19	13.72	1.53	-?-		No recovery - void?									
						100	--	--						
									--	--	---	--	--	0
13.72	15.24	1.52	FLR		Limey fault rock.									
						100	3W	3R						

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
									MD	OR	OXI	3I	--	0
									LT	GY				
15.24	16.76	1.52	FLR		Fault rock.									
						100	4W	0R						
									MD	OR	OXI	4I	--	0
16.76	18.29	1.53	FLR		Clay-rich fault rock.									
						100	4W	0R						
									MD	OR	OXI	4I	--	0
18.29	19.81	1.52	FLR		Limey, clay-rich fault rock mud.									
						100	4W	3R						
									MD	OR	OXI	4I	--	0
19.81	21.34	1.53	LST		Oxidized limestone.									
						100	3W	4R						
									LT	GY				
									MD	OR	OXI	3I	--	0
21.34	22.86	1.52	LST		Oxidized limestone.									
						100	2W	4R						
									MD	OR	OXI	2I	--	0
									LT	GY				
22.86	24.38	1.52	LST		Oxidized limestone.									
						100	3W	4R						
									MD	OR	OXI	3I	--	0
24.38	25.91	1.53	LST		Oxidized limestone.									
						100	3W	4R						
									MD	OR	OXI	3I	--	0
25.91	27.43	1.52	LST		Oxidized limestone.									
						100	2W	4R						
									MD	OR	OXI	2I	--	0
									LT	GY				

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
27.43	28.96	1.53	LST		Oxidized limestone.									
						100	2W	4R						
									MD	OR	OXI	2I	--	0
									LT	GY				
28.96	30.48	1.52	LST		Trace oxidized limestone.									
						100	1W	4R						
									MD	BN	OXI	1I	--	0
									MD	GY				
30.48	32.00	1.52	LST		Limestone.									
						100	--	4R						
									MD	GY	---	--	--	0
32.00	33.53	1.53	LST		Weakly oxidized limestone.									
						100	2W	4R						
									LT	OR				
									LT	GY	OXI	2I	--	0
33.53	35.05	1.52	LST		Trace oxidized limestone.									
						100	1W	4R						
									LT	GY	OXI	1I	--	0
									LT	OR				
35.05	36.58	1.53	LST		Moderately oxidized limestone.									
						100	3W	4R						
									MD	OR	OXI	3I	--	0
36.58	38.10	1.52	LST		Trace oxidized limestone.									
						100	1W	4R						
									MD	GY	OXI	1I	--	0
									DK	OR				
38.10	39.62	1.52	LST		Limestone.									
						100	--	4R						
									MD	GY	---	--	--	0
39.62	41.15	1.53	LST		Limestone.									

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
						100	--	4R						
									MD	GY	---	--	--	0
41.15	42.67	1.52	LST		Limestone.									
						100	--	4R						
									MD	GY	---	--	--	0
42.67	44.20	1.53	LST		Limestone.									
						100	--	4R						
									MD	GY	---	--	--	0
44.20	45.72	1.52	LST		Trace oxidized limestone.									
						100	1W	4R						
									MD	GY	OXI	1I	--	0
									MD	OR				
45.72	47.24	1.52	LST		Weakly oxidized limestone.									
						100	2W	4R						
									MD	OR				
									MD	GY	OXI	2I	--	0
47.24	48.77	1.53	LST		Trace oxidized limestone.									
						100	1W	4R						
									MD	GY	OXI	1I	--	0
									LT	OR				
48.77	50.29	1.52	LST		Trace oxidized limestone.									
						100	1W	4R						
									MD	GY	OXI	1I	--	0
									LT	OR				
50.29	51.82	1.53	LST		Weakly oxidized limestone.									
						100	2W	4R						
									LT	GY	OXI	2I	--	0
									LT	OR				
51.82	53.34	1.52	LST		Limestone.									

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
						100	--	4R						
									MD	GY	---	--	--	0
53.34	54.86	1.52	LST		Limestone.									
						100	--	4R						
									MD	GY	---	--	--	0
54.86	56.39	1.53	LST		Limestone.									
						100	--	4R						
									MD	GY	---	--	--	0
56.39	57.91	1.52	LST		Limestone.									
						100	--	4R						
									MD	GY	---	--	--	0
57.91	59.44	1.53	LST		Limestone.									
						100	1W	4R						
									MD	GY	OXI	1I	--	0
									LT	OR				
59.44	60.96	1.52	LST		Limestone.									
						100	--	4R						
									MD	GY	---	--	--	0
60.96	62.48	1.52	LST		Weakly oxidized limestone.									
						100	2W	4R						
									MD	OR				
									MD	GY	OXI	2I	--	0

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
0.00	1.52	1.52	OVB		Limey overburden.									
						100	--	4R						
									DK	BN	---	--	--	0
1.52	3.05	1.53	OVB		Limey overburden with shale fragments.									
						100	--	4R						
									DK	BN	---	--	--	0
3.05	4.57	1.52	SHL		Limey shale.									
						100	--	2R						
									DK	BN	---	--	--	0
4.57	6.10	1.53	SHL		Limey shale.									
						100	--	2R						
									DK	GY	---	--	--	0
6.10	7.62	1.52	SHL		Limey shale.									
						100	--	2R						
									DK	GY	---	--	--	0
7.62	9.14	1.52	SHL		Limey shale.									
						100	--	1R						
									DK	GY	---	--	--	0
9.14	10.67	1.53	SHL		Oxidized, limey shale?									
						100	3W	3R						
									MD	OR				
									DK	GY	OXI	3I	--	0
10.67	12.19	1.52	LST		Oxidized limestone? Possible fault rock?									
						100	3W	4R						
									MD	OR	OXI	3I	--	0
12.19	13.72	1.53	FLR		Fault rock?									
						100	4W	1R						
									MD	OR	OXI	4I	--	0

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
13.72	15.24	1.52	LST		Oxidized limestone. Possible fault rock?									
						100	3W	4R						
									MD	OR	OXI	3I	--	0
15.24	16.76	1.52	LST		Weakly oxidized limestone with low recovery.									
						100	2W	4R						
									LT	GY	OXI	2I	--	0
									LT	OR				
16.76	18.29	1.53	LST		Moderately oxidized limestone with low recovery.									
						100	3W	4R						
									MD	OR	OXI	3I	--	0
18.29	19.81	1.52	LST		Moderately oxidized limestone with low recovery.									
						100	3W	4R						
									MD	OR	OXI	3I	--	0
19.81	21.34	1.53	LST		Moderately oxidized limestone.									
						100	2W	4R						
									MD	OR	OXI	2I	--	0
21.34	22.86	1.52	LST		Weakly oxidized limestone.									
						100	2W	4R						
									MD	OR	OXI	2I	--	0
22.86	24.38	1.52	LST		Weakly oxidized limestone.									
						100	2W	4R						
									LT	GY	OXI	2I	--	0
									MD	OR				
24.38	25.91	1.53	LST		Moderately oxidized limestone.									
						100	3W	4R						
									MD	OR	OXI	3I	--	0
25.91	27.43	1.52	LST		Moderately oxidized limestone.									

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
						100	3W	4R						
									MD	OR	OXI	3I	--	0
27.43	28.96	1.53	LST		Weakly oxidized limestone.									
						100	2W	4R						
									LT	GY	OXI	2I	--	0
									MD	OR				
28.96	30.48	1.52	LST		Weakly oxidized limestone.									
						100	2W	4R						
									LT	GY	OXI	2I	--	0
									LT	OR				
30.48	32.00	1.52	LST		Weakly oxidized limestone.									
						100	2W	4R						
									LT	GY	OXI	2I	--	0
									LT	OR				
32.00	33.53	1.53	LST		Trace oxidized limestone.									
						100	1W	4R						
									MD	GY	OXI	1I	--	0
33.53	35.05	1.52	LST		Trace oxidized limestone.									
						100	1W	4R						
									MD	GY	OXI	1I	--	0
35.05	36.58	1.53	LST		Trace oxidized limestone.									
						100	1W	4R						
									MD	GY	OXI	1I	--	0
36.58	38.10	1.52	LST		Trace oxidized limestone with low recovery. Void?									
						100	1W	4R						
									MD	GY	OXI	1I	--	0
38.10	39.62	1.52	-?-		No recovery. Void?									
						100	--	--						
									--	--	---	--	--	0
39.62	41.15	1.53	-?-		No recovery. Void?									

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
						100	--	--						
									--	--	---	--	--	0
41.15	42.67	1.52	-?-		No recovery. Void?									
						100	--	--						
									--	--	---	--	--	0
42.67	44.20	1.53	-?-		No recovery. Void?									
						100	--	--						
									--	--	---	--	--	0

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
0.00	1.52	1.52	OVB		Limey overburden.									
						100	2W	4R						
									MD	BN	OXI	1I	--	0
1.52	3.05	1.53	OVB		Shale-rich limey overburden.									
						100	1W	4R						
									DK	BN	OXI	1I	--	0
3.05	4.57	1.52	OVB		Mixed shale- and limestone-rich overburden.									
						100	1W	4R						
									DK	BN	OXI	1I	--	0
4.57	6.10	1.53	OVB		Overburden and limestone bedrock (?)									
						100	1W	4R						
									DK	BN	OXI	1I	--	0
									MD	GY				
6.10	7.62	1.52	LST		Limestone bedrock.									
						100	--	4R						
									MD	GY	---	--	--	0
7.62	9.14	1.52	LST		Limestone									
						100	--	4R						
									MD	GY	---	--	--	0
9.14	10.67	1.53	LST		Limestone									
						100	--	4R						
									MD	GY	---	--	--	0
10.67	12.19	1.52	LST		Weakly oxidized limestone.									
						100	1W	4R						
									MD	GY	OXI	1I	--	0
									MD	OR				

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
12.19	13.72	1.53	LST		Weakly oxidized limestone.									
						100	2W	4R						
									MD	GY	OXI	2I	--	0
									MD	OR				
13.72	15.24	1.52	LST		Weakly oxidized limestone.									
						100	2W	4R						
									MD	GY	OXI	2I	--	0
									MD	OR				
15.24	16.76	1.52	LST		Weakly oxidized limestone.									
						100	1W	4R						
									MD	GY	OXI	1I	--	0
16.76	18.29	1.53	LST		Wet, low recovery limestone (or fault rock?).									
						100	1W	4R						
									MD	OR				
									MD	GY	OXI	1I		
18.29	19.81	1.52	LST		Weakly oxidized limestone.									
						100	2W	4R						
									MD	GY	OXI	2I	--	0
									MD	OR				
19.81	21.34	1.53	LST		Wet, clay-rich mud with more competent limestone fragments.									
						100	2W	4R						
									MD	GY	OXI	2I	--	0
									MD	OR				
21.34	22.86	1.52	LST		Weakly oxidized limestone.									
						100	1W	4R						
									MD	GY	OXI	1I	--	0

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
22.86	24.38	1.52	LST		Weakly oxidized limestone.									
						100	1W	4R						
									MD	GY	OXI	1I	--	0
24.38	25.91	1.53	LST		Weakly oxidized limestone.									
						100	1W	4R						
									MD	GY	OXI	1I	--	0
25.91	27.43	1.52	LST		Weakly oxidized limestone.									
						100	1W	4R						
									MD	GY	OXI	1I	--	0
27.43	28.96	1.53	LST		Limestone.									
						100	--	4R						
									MD	GY	---	--	--	0
28.96	30.48	1.52	LST		Limestone.									
						100	--	4R						
									MD	GY	---	--	--	0
30.48	32.00	1.52	LST		Limestone.									
						100	--	4R						
									MD	GY	---	--	--	0
32.00	33.53	1.53	LST		Weakly oxidized limestone.									
						100	1W	4R						
									MD	GY	OXI	1I	--	0
33.53	35.05	1.52	LST		Weakly oxidized limestone.									
						100	1W	4R						
									MD	GY	OXI	1I	--	0
35.05	36.58	1.53	LST		Weakly oxidized limestone.									
						100	1W	4R						
									MD	GY	OXI	1I	--	0
36.58	38.10	1.52	LST		Weakly oxidized limestone.									

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
						100	1W	4R						
									MD	GY	OXI	1I	--	0

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Nadaleen
Anubis Zone

Archer,Cathro & Associates (1981) Limited

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
0.00	1.52	1.52	OVB		Weakly limey overburden.									
						100	1W	2R						
									DK	BN	OXI	1I	--	0
1.52	3.05	1.53	OVB		Limey overburden.									
						100	2W	4R						
									DK	BN	OXI	2I	--	0
3.05	4.57	1.52	LST		Limestone bedrock.									
						100	2W	4R						
									MD	GY	OXI	2I	--	0
4.57	6.10	1.53	LST		Moderately oxidized limestone.									
						100	3W	4R						
									MD	OR	OXI	3I	--	0
									MD	GY				
6.10	7.62	1.52	LST		Moderately oxidized limestone.									
						100	3W	4R						
									MD	OR	OXI	3I	--	0
									MD	GY				
7.62	9.14	1.52	LST		Moderately oxidized limestone.									
						100	3W	4R						
									MD	OR	OXI	3I	--	0
									MD	GY				
9.14	10.67	1.53	LST		Moderately oxidized limestone.									
						100	3W	4R						
									MD	GY				
									MD	OR	OXI	3I	--	0
10.67	12.19	1.52	LST		Moderately oxidized limestone.									
						100	3W	4R						

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Lithology %	Weathering	HCL Reactivity	Shade	Colour	Alteration	Intensity	Mineral	Conc.
									MD	GY				
									MD	OR	OXI	3I	--	0
12.19	13.72	1.53	LST		Moderately oxidized limestone.									
						100	3W	4R						
									MD	OR	OXI	3I	--	0
									MD	GY				
13.72	15.24	1.52	LST		Moderately oxidized limestone.									
						100	2W	4R						
									MD	GY	OXI	2I	--	0
									MD	OR				
15.24	16.76	1.52	LST		Weakly oxidized limestone.									
						100	1W	4R						
									MD	GY	OXI	1I	--	0
									MD	OR				
16.76	18.29	1.53	LST		Weakly oxidized limestone.									
						100	2W	4R						
									MD	OR				
									MD	GY	OXI	2I	--	0

APPENDIX VIII

RAB DRILLING - CERTIFICATES OF ANALYSIS

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (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-2015
Account: RCM

CERTIFICATE WH15106737

Project: NADALEEN

P.O. No.: NA-15-008

This report is for 115 Rock samples submitted to our lab in Whitehorse, YT, Canada on 21-JUL-2015.

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
BAG-06	Double Bagging Coarse Rejects
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

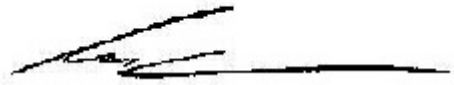
ANALYTICAL PROCEDURES

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-MS42	Trace Hg by ICPMS	ICP-MS
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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Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15106737

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
R607259		0.60	0.04		2.38	4.54	364	3840	1.40	0.19	0.97	5.70	44.5	6.2	151	12.20
R607260		1.12	0.05		2.22	4.33	879	4250	1.40	0.17	0.80	4.93	41.2	5.1	147	11.35
R607261		1.26	0.05		0.71	5.81	948	2070	1.21	0.24	0.26	0.77	61.2	1.3	104	15.45
R607262		0.95	0.01		0.72	5.76	1120	2040	1.29	0.28	0.27	0.76	63.2	2.5	101	17.45
R607263		0.99	0.01		0.62	5.83	571	1990	1.25	0.27	0.18	0.23	61.7	1.9	95	15.80
R607264		1.03	<0.01		0.56	5.87	675	1810	1.17	0.27	0.18	0.17	61.9	1.2	100	17.05
R607265		0.93	0.01		0.58	5.72	436	1970	1.23	0.31	0.15	0.12	62.1	0.8	95	17.45
R607266		0.94	0.01		1.17	5.86	825	2000	1.21	0.25	0.18	0.20	61.0	2.3	96	15.45
R607267		0.81	0.07		3.48	6.46	1605	1860	1.75	0.27	0.22	1.59	65.9	11.9	105	12.40
R607268		0.62	0.02		1.43	3.00	1375	1070	1.39	0.13	19.05	2.85	29.8	5.5	57	6.40
R607269		0.70	<0.01		0.93	0.92	277	590	0.79	0.05	32.1	2.23	10.25	3.4	21	1.57
R607270		0.78	0.06		0.68	0.62	399	590	0.62	0.03	32.8	9.44	7.20	14.3	16	1.40
R607271		0.60	0.02		3.58	5.14	1025	1820	2.27	0.21	1.86	10.75	51.9	5.1	110	11.10
R607272		0.51	0.01		2.76	6.23	1625	1760	1.85	0.25	1.08	9.75	67.5	2.6	105	14.00
R607273		0.86	0.01		1.85	6.07	1830	1360	1.76	0.25	0.82	2.72	61.5	16.7	98	12.00
R607274		0.86	0.01		5.50	6.44	1835	1520	1.70	0.26	0.99	2.50	66.1	12.5	99	11.55
R607275		0.85	0.02		5.96	6.29	1955	1810	1.56	0.25	0.66	3.10	63.5	10.8	97	14.70
R607276		1.10	0.01		7.42	5.57	274	2350	1.22	0.26	0.25	0.75	62.2	1.4	79	10.95
R607277		0.98	0.01		1.04	1.19	345	850	0.72	0.05	31.4	10.65	14.00	8.3	19	2.42
R607278		1.10	0.01		0.52	0.61	186.5	440	0.43	0.03	34.9	4.17	7.95	3.6	12	1.31
R607279		0.90	<0.01		0.41	1.18	371	660	0.95	0.03	32.6	4.89	7.76	8.8	15	1.61
R607280		0.99	0.05		0.34	0.52	156.0	360	0.33	0.03	33.8	1.69	6.24	2.5	12	1.05
R607281		1.11	0.03		0.24	0.38	119.5	290	0.30	0.02	34.9	1.87	5.02	1.9	8	0.79
R607282		0.83	0.03		0.24	0.34	107.0	330	0.23	0.02	34.7	1.40	5.16	1.8	8	0.72
R607283		1.05	0.27		0.23	0.26	102.0	380	0.22	0.02	36.3	1.64	4.48	2.0	6	0.63
R607284		0.96	5.16		0.82	0.40	794	2400	0.38	0.02	26.4	4.39	4.94	11.0	9	1.09
R607285		0.77	3.04		0.56	1.18	976	2310	0.79	0.03	25.5	6.83	8.23	13.3	19	2.89
R607286		0.98	0.37		0.32	0.85	493	1110	0.60	0.03	32.7	4.59	6.68	7.1	12	2.14
R607287		1.12	0.14		0.22	0.41	275	680	0.36	0.02	35.6	1.53	3.97	2.7	7	0.91
R607288		1.08	0.11		0.14	0.23	268	310	0.21	0.01	32.0	1.04	2.66	2.2	5	0.53
R607289		1.31	0.13		0.18	0.28	334	360	0.24	0.02	35.2	1.89	3.16	2.2	6	0.80
R607290		1.31	0.07		0.21	0.26	137.5	250	0.24	0.02	36.4	0.89	3.20	1.3	5	0.60
R607291		1.12	0.06		0.33	0.29	325	290	0.27	0.02	35.5	3.06	3.69	1.8	6	0.73
R607292		1.00	0.03		0.14	0.17	80.0	250	0.16	0.01	36.7	1.12	2.43	0.8	4	0.43
R607293		1.28	0.03		0.14	0.20	90.6	330	0.17	0.02	36.1	1.53	2.70	1.0	4	0.55
R607294		1.06	0.05		0.23	0.51	376	310	0.49	0.02	35.1	9.13	4.64	9.6	12	1.49
R607295		1.09	0.03		0.24	0.31	172.0	340	0.27	0.02	36.0	2.31	4.30	1.8	7	0.82
R607296		0.66	0.02		1.47	2.73	180.0	6810	0.87	0.11	10.90	5.58	30.0	3.5	96	7.21
R607297		0.43	0.06		1.57	3.73	181.0	5100	1.17	0.14	4.78	5.29	38.4	5.4	135	9.17
R607298		0.92	0.01		0.75	2.02	120.5	2810	0.66	0.07	22.1	2.38	18.70	4.6	61	3.88

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

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VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15106737

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-MS42	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	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1
R607259		71.8	2.96	13.10	0.15	2.1	1.725	0.048	1.59	28.5	17.2	0.36	204	12.70	0.09	10.6
R607260		145.5	4.85	13.50	0.12	2.0	1.660	0.069	1.56	26.2	14.3	0.32	163	16.70	0.11	11.0
R607261		40.0	3.25	20.5	0.09	2.7	1.935	0.068	2.68	31.7	11.7	0.39	27	6.15	0.04	17.0
R607262		44.5	3.73	19.50	0.09	2.7	1.695	0.066	2.67	33.0	10.0	0.41	24	7.36	0.04	17.8
R607263		28.5	2.97	19.50	0.10	2.7	1.115	0.071	2.75	31.3	9.2	0.43	17	5.88	0.04	17.3
R607264		28.3	3.19	18.90	0.09	2.7	1.070	0.058	2.69	33.2	9.1	0.41	13	6.00	0.03	18.5
R607265		28.7	2.44	17.60	0.12	2.7	1.360	0.054	2.53	34.3	10.0	0.39	12	5.35	0.03	18.1
R607266		36.1	3.50	17.55	0.07	2.7	1.640	0.068	2.66	31.6	8.0	0.38	14	7.02	0.03	18.8
R607267		97.8	3.08	19.55	0.10	2.8	5.78	0.060	2.77	33.8	9.0	0.35	60	6.89	0.03	18.4
R607268		87.0	1.87	8.33	0.10	1.3	4.58	0.044	1.15	17.2	5.5	0.24	105	4.71	0.01	8.0
R607269		19.2	0.70	2.75	0.14	0.4	1.970	0.011	0.38	7.6	1.6	0.22	223	6.49	0.01	2.2
R607270		21.3	1.16	1.70	0.06	0.3	1.500	0.009	0.22	5.7	1.2	0.39	509	7.28	<0.01	1.6
R607271		240	3.05	13.40	0.14	2.6	3.97	0.057	2.00	29.5	8.3	0.27	57	8.40	0.02	17.2
R607272		122.5	2.38	17.95	0.21	3.0	3.57	0.065	2.70	35.7	9.1	0.37	35	5.96	0.03	19.4
R607273		93.7	3.42	16.40	0.14	2.7	3.15	0.066	2.65	31.5	8.7	0.47	213	6.15	0.03	19.2
R607274		84.6	2.21	17.65	0.13	2.9	6.52	0.062	2.86	32.9	9.3	0.59	187	4.75	0.03	18.4
R607275		75.6	3.02	17.85	0.12	2.8	4.57	0.066	2.59	32.4	11.9	0.44	151	5.62	0.03	18.0
R607276		31.6	1.51	16.00	0.19	2.9	5.09	0.032	2.44	32.3	9.3	0.33	24	5.65	0.03	19.2
R607277		40.9	1.26	3.03	0.11	0.5	2.12	0.010	0.43	10.0	2.5	0.17	236	2.13	0.01	3.2
R607278		13.8	0.56	1.74	0.10	0.3	0.958	0.007	0.25	6.2	1.2	0.16	371	1.19	<0.01	1.8
R607279		71.0	2.13	1.86	0.08	0.3	1.055	0.008	0.23	5.9	2.4	0.16	320	2.81	0.01	1.5
R607280		15.2	0.42	1.43	0.06	0.2	0.911	0.009	0.19	5.1	1.4	0.15	380	1.28	<0.01	1.3
R607281		14.5	0.33	1.04	0.08	0.2	0.818	0.007	0.14	4.7	0.9	0.14	433	0.82	<0.01	0.9
R607282		13.7	0.31	0.99	0.07	0.2	0.850	0.013	0.13	4.8	0.9	0.15	575	0.90	<0.01	0.9
R607283		8.9	0.27	0.82	0.07	0.1	1.135	0.006	0.10	4.4	0.8	0.14	500	0.88	<0.01	0.7
R607284		13.7	1.08	1.16	<0.05	0.2	>100	0.008	0.13	4.2	5.1	0.13	403	5.99	<0.01	0.8
R607285		45.7	2.91	2.64	<0.05	0.3	22.2	0.011	0.29	5.5	9.1	0.19	355	2.88	0.01	1.3
R607286		30.2	1.52	1.88	<0.05	0.2	13.00	0.010	0.23	4.0	3.3	0.25	341	1.47	0.01	1.2
R607287		11.1	0.62	1.09	<0.05	0.2	3.37	0.005	0.14	2.4	1.3	0.18	211	1.13	<0.01	0.8
R607288		6.4	0.40	0.69	0.06	0.1	4.11	<0.005	0.09	1.8	0.8	2.84	335	1.10	<0.01	0.5
R607289		8.6	0.52	0.83	0.07	0.1	2.25	0.007	0.10	2.4	1.2	0.26	295	1.04	<0.01	0.6
R607290		5.6	0.25	0.78	<0.05	0.1	1.925	0.007	0.10	2.5	1.0	0.35	195	0.58	<0.01	0.6
R607291		7.8	0.53	0.90	0.05	0.1	3.20	0.006	0.11	2.8	1.1	0.20	309	1.46	<0.01	0.7
R607292		3.9	0.16	0.54	<0.05	0.1	1.010	0.005	0.07	1.9	0.7	0.13	207	0.41	<0.01	0.4
R607293		7.9	0.20	0.63	0.06	0.1	1.160	0.005	0.08	2.1	0.7	0.17	145	0.86	<0.01	0.5
R607294		17.9	1.18	1.24	0.06	0.2	1.220	0.009	0.15	3.2	2.4	0.93	473	1.45	0.01	0.8
R607295		6.5	0.35	0.90	<0.05	0.1	1.135	0.005	0.12	3.2	1.0	0.54	250	0.96	<0.01	0.7
R607296		39.6	2.12	7.52	0.11	1.3	0.725	0.033	0.99	20.7	12.5	1.08	138	9.65	0.04	5.7
R607297		49.3	2.56	10.10	0.11	1.7	1.060	0.037	1.31	26.8	14.2	0.66	187	9.74	0.05	7.5
R607298		28.0	1.60	5.34	0.07	0.8	0.548	0.024	0.57	12.2	9.9	0.57	239	4.35	0.20	4.0

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Finalized Date: 5-AUG-2015
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Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15106737

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
R607259		88.4	1820	51.3	76.0	0.006	0.21	7.56	10.5	8	1.5	233	0.72	0.13	6.1	0.285
R607260		90.5	1790	48.8	72.7	0.010	0.24	11.80	12.3	6	1.4	241	0.71	0.12	6.0	0.268
R607261		30.6	1010	19.1	118.0	0.004	0.52	5.21	9.4	3	1.9	341	1.17	0.09	8.6	0.362
R607262		36.9	1100	18.1	116.5	0.008	0.53	4.54	10.0	4	1.9	337	1.24	0.14	9.2	0.365
R607263		27.6	890	20.0	116.0	0.016	0.59	3.98	9.3	5	1.9	282	1.17	0.12	8.9	0.369
R607264		22.7	880	19.6	116.0	0.011	0.62	4.51	8.8	5	1.8	272	1.21	0.11	8.5	0.367
R607265		18.5	930	33.3	111.5	0.006	0.55	5.83	9.1	5	1.9	274	1.16	0.15	8.9	0.369
R607266		25.4	1010	30.6	107.5	0.006	0.75	5.67	9.0	4	1.8	304	1.35	0.13	8.7	0.362
R607267		80.0	1050	33.5	111.0	0.018	0.19	8.39	12.2	8	1.9	253	1.23	0.15	9.7	0.377
R607268		58.4	840	26.6	46.8	0.016	0.06	4.47	9.7	2	0.9	293	0.53	0.06	4.0	0.167
R607269		33.7	270	21.4	14.4	0.018	0.05	2.43	2.6	2	0.3	365	0.15	<0.05	1.2	0.052
R607270		106.5	290	15.2	8.6	0.009	<0.01	1.94	7.9	1	0.2	268	0.11	<0.05	0.8	0.033
R607271		117.5	1090	50.5	82.4	0.022	0.06	7.57	9.8	9	1.7	299	1.16	0.11	7.2	0.316
R607272		52.3	1060	30.7	117.0	0.012	0.16	7.38	11.3	8	2.1	321	1.30	0.13	9.1	0.382
R607273		96.8	1140	30.1	108.5	0.008	1.41	6.26	10.1	8	1.8	265	1.27	0.10	8.7	0.376
R607274		71.1	940	28.2	118.0	0.006	0.91	7.62	10.1	5	2.0	227	1.24	0.09	9.3	0.389
R607275		72.7	1090	45.3	102.5	0.005	1.00	10.50	10.4	7	2.0	337	1.21	0.12	9.0	0.378
R607276		14.6	1270	55.2	96.6	0.007	0.33	6.80	7.6	5	1.8	390	1.31	0.07	8.6	0.380
R607277		88.1	280	14.9	17.9	0.002	0.05	1.63	3.9	2	0.3	228	0.21	<0.05	1.7	0.064
R607278		29.2	180	9.2	10.0	0.003	0.05	1.06	4.4	1	0.2	189.0	0.12	<0.05	0.9	0.037
R607279		166.0	660	7.5	9.9	0.012	0.04	0.98	1.7	2	0.2	245	0.10	<0.05	0.9	0.033
R607280		25.6	270	5.4	7.8	0.004	0.03	0.93	1.5	1	0.2	244	0.09	<0.05	0.7	0.028
R607281		20.8	160	4.8	5.7	0.003	0.03	0.72	1.6	1	<0.2	206	0.06	<0.05	0.5	0.020
R607282		18.9	200	6.3	5.2	0.004	0.03	0.69	1.2	1	<0.2	264	0.06	<0.05	0.5	0.019
R607283		14.7	120	5.3	4.2	0.003	0.02	0.67	1.0	<1	<0.2	250	<0.05	<0.05	0.4	0.015
R607284		86.7	250	39.1	5.1	0.002	0.08	5.71	2.2	4	0.4	179.5	0.05	<0.05	0.5	0.020
R607285		319	670	18.1	12.1	0.002	0.07	2.46	3.4	1	0.5	180.5	0.10	<0.05	1.0	0.036
R607286		159.0	360	9.6	9.8	0.003	0.06	1.78	3.0	2	0.2	165.5	0.08	<0.05	0.8	0.029
R607287		49.2	180	5.4	5.8	0.002	0.03	1.86	2.0	1	<0.2	237	0.06	<0.05	0.5	0.019
R607288		27.4	110	4.7	3.4	0.002	0.05	1.41	1.2	1	<0.2	283	<0.05	<0.05	0.3	0.013
R607289		40.5	130	6.6	4.2	0.002	0.08	1.65	1.2	1	<0.2	410	<0.05	<0.05	0.4	0.014
R607290		16.0	120	6.2	4.0	<0.002	0.02	0.78	1.1	1	<0.2	355	<0.05	<0.05	0.4	0.014
R607291		30.6	130	6.2	4.5	<0.002	0.04	2.68	2.0	2	<0.2	235	0.05	<0.05	0.5	0.016
R607292		8.4	90	3.8	2.7	<0.002	0.02	0.52	4.8	1	<0.2	221	<0.05	<0.05	0.3	0.010
R607293		11.3	80	3.7	3.5	<0.002	0.03	0.65	1.7	1	<0.2	187.5	<0.05	<0.05	0.3	0.012
R607294		97.9	270	10.8	7.0	<0.002	0.02	0.79	11.7	1	0.2	181.5	0.06	<0.05	0.7	0.019
R607295		22.3	170	21.8	5.3	0.002	0.04	2.52	4.1	2	<0.2	245	0.05	<0.05	0.5	0.017
R607296		57.9	2170	16.8	50.0	0.009	0.27	4.88	6.1	6	0.9	632	0.46	0.08	3.9	0.156
R607297		77.7	1930	31.5	64.8	0.005	0.22	5.24	7.7	7	1.1	407	0.58	0.11	5.0	0.221
R607298		32.4	680	21.7	29.2	0.006	0.11	2.77	6.0	2	0.6	302	0.30	<0.05	2.4	0.167

***** 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: 5-AUG-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15106737

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
R607259		3.50	6.6	381	2.4	30.7	404	84.4
R607260		4.52	9.0	487	3.2	27.4	416	80.4
R607261		6.49	4.3	418	9.7	18.7	89	109.5
R607262		8.20	4.7	427	7.1	19.5	113	112.0
R607263		6.17	4.1	395	4.0	19.3	73	109.5
R607264		8.17	4.3	410	3.8	19.5	76	111.0
R607265		8.50	4.1	374	5.8	18.1	30	111.5
R607266		10.35	4.3	402	6.7	15.9	94	107.0
R607267		10.05	6.0	410	12.4	20.4	415	114.5
R607268		2.41	7.7	240	6.2	18.0	312	56.2
R607269		0.93	5.1	187	1.8	12.9	210	16.7
R607270		0.82	5.5	109	1.6	32.4	601	14.2
R607271		5.24	7.4	555	9.0	37.2	661	105.5
R607272		14.25	5.5	452	10.8	31.0	282	121.5
R607273		9.63	4.3	407	8.5	27.6	792	111.0
R607274		11.90	4.0	373	11.2	23.0	428	118.5
R607275		14.85	4.5	375	13.1	24.7	560	114.5
R607276		12.30	4.3	370	11.8	20.7	81	116.0
R607277		1.93	5.1	81	2.0	35.7	622	22.6
R607278		1.18	5.5	60	1.3	22.8	236	13.0
R607279		1.13	9.3	58	1.2	43.1	1050	10.9
R607280		0.90	4.0	49	1.1	15.7	186	9.6
R607281		0.63	4.2	39	0.7	14.9	155	6.8
R607282		0.62	3.8	41	0.8	12.1	134	7.0
R607283		0.51	4.0	33	0.7	9.8	91	5.2
R607284		2.03	3.9	62	1.7	10.2	462	7.2
R607285		2.10	6.3	63	1.4	32.6	1260	12.0
R607286		2.89	5.9	45	0.9	25.3	728	9.8
R607287		0.67	2.4	29	0.7	10.7	249	6.3
R607288		2.89	2.7	23	0.5	6.6	173	4.3
R607289		3.22	2.5	22	0.5	9.6	228	4.8
R607290		0.67	1.0	17	0.5	8.4	113	4.7
R607291		1.29	2.2	29	0.7	12.8	237	5.8
R607292		0.57	1.3	33	0.3	16.5	61	4.9
R607293		0.90	1.1	20	0.4	9.4	89	4.2
R607294		1.10	2.2	68	0.5	38.7	939	9.0
R607295		1.40	1.4	35	0.6	16.1	230	6.4
R607296		1.73	4.8	268	1.4	23.0	300	52.1
R607297		1.98	5.3	297	1.7	27.1	357	65.2
R607298		0.93	3.0	146	1.0	14.4	153	33.6

***** 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: 5-AUG-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15106737

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	As-OG62 As % 0.001	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
R607299		0.97	0.04		1.35	3.39	244	2530	1.12	0.13	11.30	3.45	35.4	4.6	106	8.48
R607300		1.33	0.07		4.73	5.39	2600	2190	2.69	0.23	0.99	13.55	59.5	4.6	117	12.85
R607301		0.97	0.06		4.40	6.36	5520	2040	7.32	0.17	0.76	13.35	45.1	28.0	149	9.48
R607302		1.81	0.04		2.74	8.00	5280	1840	11.75	0.13	0.85	13.90	28.4	30.6	104	4.97
R607303		1.86	0.04		3.46	7.53	3710	2130	7.18	0.18	0.71	11.10	48.0	18.2	115	8.63
R607304		1.09	<0.01		2.19	3.69	534	2890	1.32	0.14	7.71	6.37	35.9	4.8	137	8.54
R607305		1.38	0.04		1.88	3.26	497	4060	1.26	0.13	10.80	6.29	32.3	4.1	114	7.90
R607306		0.42	0.04		1.69	3.51	361	4120	1.30	0.14	7.87	6.31	34.2	4.6	119	7.83
R607307		0.47	0.05		2.45	4.23	727	4620	2.08	0.15	5.73	7.96	41.8	6.0	122	9.59
R607308		1.34	0.03		2.28	4.13	729	4470	1.84	0.15	6.09	6.88	38.9	6.1	123	9.26
R607309		1.03	0.02		2.11	4.25	366	4300	1.31	0.17	2.79	5.61	43.7	5.3	145	10.70
R607310		1.59	0.02		1.85	4.49	568	5320	2.05	0.16	3.04	5.07	45.5	6.1	134	10.65
R607311		2.91	0.05		2.47	4.21	1235	3860	1.76	0.17	2.87	6.35	45.6	4.9	138	10.55
R607312		1.50	0.06		2.19	4.26	1275	4170	1.84	0.15	3.16	6.80	43.3	6.7	132	9.85
R607313		1.77	0.01		4.28	6.60	1810	1650	1.77	0.24	0.25	3.67	65.0	9.3	95	12.55
R607314		2.25	0.01		4.77	6.47	1440	1610	2.00	0.28	0.27	2.50	69.9	8.5	108	15.20
R607315		1.83	0.01		3.03	6.29	2430	1820	2.24	0.27	0.41	9.17	66.1	5.1	109	13.95
R607316		2.15	0.01		0.80	1.76	1035	710	1.53	0.07	27.3	3.52	19.65	3.6	34	3.56
R607317		2.18	0.02		0.55	1.24	635	730	1.09	0.05	31.0	3.18	12.00	3.6	23	2.10
R607318		2.20	0.09		2.32	4.90	2080	2410	2.76	0.16	11.70	16.30	44.5	14.6	65	12.55
R607319		2.10	0.05		0.62	1.08	821	730	1.32	0.04	32.7	4.42	8.59	4.4	14	2.13
R607320		1.86	0.81		1.77	3.40	5560	1200	1.04	0.13	15.40	4.04	39.7	3.2	62	7.92
R607321		1.47	1.53		3.59	5.42	2380	1480	1.23	0.26	0.84	0.56	66.2	1.4	86	9.51
R607322		2.40	1.68		1.43	1.43	1980	520	0.49	0.07	28.1	2.22	17.05	1.3	25	3.72
R607323		2.33	0.20		0.25	0.34	439	220	0.31	0.02	35.0	1.75	4.70	2.0	8	0.71
R607324		2.38	1.20		0.34	0.24	697	240	0.22	0.02	35.1	1.29	4.65	1.1	7	0.50
R607325		1.58	0.51		0.74	2.63	954	1660	1.66	0.07	27.6	12.40	23.0	11.8	34	7.66
R607326		2.06	0.29		0.48	0.63	2710	670	0.49	0.03	31.2	4.74	7.52	5.3	24	1.21
R607327		2.05	0.25		0.29	0.71	630	1770	0.47	0.02	34.8	5.21	6.92	4.5	7	1.18
R607328		1.80	0.99		0.58	2.06	1555	2150	1.50	0.03	26.9	9.97	8.76	14.6	13	2.63
R607329		1.78	1.68		0.82	0.86	4220	1880	0.70	0.03	29.4	10.25	6.83	13.2	12	1.61
R607330		1.68	0.10		0.18	0.29	652	380	0.42	0.02	34.7	1.36	3.06	2.0	6	0.60
R607331		1.93	0.07		0.21	0.28	541	410	0.39	0.02	35.0	1.87	3.36	1.8	8	0.59
R607332		2.06	0.03		0.15	0.29	268	380	0.38	0.02	37.4	1.20	4.00	1.3	7	0.63
R607333		1.81	0.02		0.08	0.13	104.0	220	0.21	0.02	36.9	0.54	2.13	0.7	4	0.27
R607334		2.40	0.03		0.14	0.21	186.5	290	0.32	0.02	36.9	2.54	2.90	1.3	5	0.55
R607335		2.68	0.01		0.04	0.08	102.0	200	0.18	0.01	37.8	0.60	1.61	0.7	3	0.19
R607336		2.54	0.01		0.06	0.16	102.5	240	0.26	0.01	36.3	1.83	2.20	1.5	4	0.56
R607337		2.31	0.02		0.11	0.09	360	370	0.30	0.01	36.8	4.93	1.74	2.9	3	0.26
R607338		1.63	0.02		0.24	0.10	131.0	200	0.25	0.02	37.2	3.06	1.69	1.1	3	0.25

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Finalized Date: 5-AUG-2015
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Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15106737

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-MS42	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	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1
R607299		47.0	2.20	9.22	0.11	1.6	1.265	0.035	1.19	23.2	12.1	0.37	183	8.11	0.09	7.4
R607300		263	9.44	16.10	0.08	2.0	3.58	0.073	2.25	32.3	9.6	0.31	67	7.71	0.04	13.7
R607301		614	14.80	13.85	<0.05	1.4	3.62	0.125	1.55	26.0	8.4	0.20	175	16.95	0.03	9.6
R607302		848	14.85	8.19	<0.05	1.0	3.14	0.093	1.05	17.9	7.2	0.14	172	22.3	0.02	5.8
R607303		514	9.53	12.75	<0.05	1.7	3.67	0.083	1.79	27.6	8.6	0.23	111	15.75	0.03	11.0
R607304		83.3	2.89	9.06	<0.05	1.5	1.215	0.044	1.25	24.9	12.0	0.31	122	10.60	0.04	6.8
R607305		70.9	2.54	8.28	<0.05	1.5	1.265	0.034	1.10	22.7	11.5	0.32	133	9.78	0.03	6.2
R607306		64.9	2.69	8.82	<0.05	1.5	1.045	0.036	1.20	24.1	12.8	0.34	131	9.60	0.04	6.8
R607307		121.5	3.33	10.70	0.05	1.8	1.550	0.047	1.42	27.8	13.8	0.33	139	11.30	0.04	8.4
R607308		112.0	3.44	10.40	<0.05	1.6	1.490	0.043	1.37	26.0	13.0	0.36	150	10.55	0.05	8.1
R607309		62.8	2.94	11.45	0.06	2.0	1.135	0.046	1.51	30.2	15.5	0.35	164	11.80	0.07	9.0
R607310		210	3.53	11.55	0.06	2.0	1.430	0.048	1.50	29.8	16.9	0.36	125	11.65	0.07	9.2
R607311		169.0	5.92	12.55	<0.05	1.9	1.535	0.061	1.49	29.3	12.8	0.32	129	14.60	0.06	11.0
R607312		231	6.68	11.90	<0.05	1.8	1.720	0.058	1.49	27.8	12.3	0.30	153	13.30	0.08	9.8
R607313		100.5	2.96	16.60	0.07	2.8	3.37	0.064	2.76	35.1	10.8	0.32	41	6.69	0.03	20.2
R607314		110.0	2.60	18.50	0.11	2.9	4.34	0.061	2.74	37.9	10.9	0.38	40	5.06	0.03	19.1
R607315		157.0	3.61	18.70	0.07	2.8	1.885	0.077	2.52	35.9	12.0	0.34	66	4.92	0.03	17.2
R607316		78.2	1.50	4.86	<0.05	0.8	1.220	0.025	0.60	12.7	3.8	0.22	187	2.51	0.01	4.4
R607317		52.2	1.10	2.90	<0.05	0.5	1.160	0.014	0.38	8.2	2.5	0.21	249	2.01	0.01	2.6
R607318		234	4.02	10.70	0.08	1.7	12.30	0.039	1.57	25.4	7.6	0.26	171	6.87	0.02	11.7
R607319		59.7	1.12	1.82	<0.05	0.3	2.79	0.009	0.23	6.8	2.0	0.23	232	1.98	<0.01	1.7
R607320		40.8	2.35	9.95	0.07	1.5	53.0	0.038	1.46	22.4	5.9	0.28	243	4.07	0.02	9.3
R607321		26.7	1.57	16.00	0.21	2.9	>100	0.044	2.56	35.4	7.5	0.32	25	3.71	0.03	17.2
R607322		19.5	0.86	4.18	0.09	0.7	22.6	0.014	0.61	9.8	2.5	0.15	349	1.68	0.01	4.0
R607323		11.1	0.41	1.01	0.06	0.2	4.71	0.011	0.13	4.4	1.2	0.12	572	1.06	<0.01	0.8
R607324		8.1	0.32	0.75	0.08	0.1	6.61	0.006	0.09	5.3	1.0	0.13	685	1.27	<0.01	0.7
R607325		140.5	2.64	5.25	0.06	0.7	5.00	0.026	0.67	16.4	14.7	0.24	397	2.56	0.02	3.3
R607326		24.6	0.88	1.89	<0.05	0.2	5.24	0.007	0.19	7.6	2.8	0.14	244	13.40	<0.01	1.2
R607327		24.2	0.66	1.16	<0.05	0.1	1.900	0.007	0.11	6.5	3.2	0.13	323	1.16	<0.01	0.6
R607328		158.5	2.25	2.24	<0.05	0.3	4.95	0.015	0.25	6.1	10.2	0.12	440	3.02	0.01	1.0
R607329		66.7	1.57	1.68	<0.05	0.2	53.0	0.010	0.15	6.4	5.5	0.17	487	4.51	0.01	0.8
R607330		12.2	0.38	0.81	<0.05	0.1	4.24	0.005	0.09	2.4	1.1	2.56	407	1.08	<0.01	0.5
R607331		10.2	0.53	0.80	<0.05	0.1	2.76	<0.005	0.09	2.8	0.9	1.68	342	1.29	<0.01	0.6
R607332		9.4	0.32	0.84	0.05	0.1	1.520	<0.005	0.10	3.3	0.9	0.29	378	0.79	<0.01	0.6
R607333		5.2	0.14	0.41	0.09	0.1	0.682	<0.005	0.04	2.8	0.6	1.12	290	0.41	<0.01	0.3
R607334		8.0	0.28	0.57	0.07	0.1	2.04	<0.005	0.06	3.6	1.1	0.56	264	0.61	<0.01	0.3
R607335		3.5	0.15	0.29	0.07	<0.1	0.609	<0.005	0.03	2.4	0.5	0.20	144	0.58	<0.01	0.2
R607336		8.6	0.24	0.48	0.07	0.1	0.533	<0.005	0.04	2.8	1.2	0.21	295	0.45	0.01	0.2
R607337		8.3	0.48	0.37	0.06	0.1	0.658	<0.005	0.03	2.1	0.6	0.16	166	1.36	<0.01	0.2
R607338		4.7	0.22	0.35	0.05	0.1	0.631	<0.005	0.03	2.1	0.6	0.96	231	0.51	<0.01	0.2

***** 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: 5-AUG-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15106737

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
R607299		57.5	1230	34.0	59.1	0.005	0.16	5.18	7.7	5	1.1	257	0.56	0.07	4.5	0.216
R607300		104.0	2260	61.2	97.5	0.003	0.26	10.30	11.5	4	1.6	404	0.97	0.13	8.1	0.303
R607301		482	3180	40.9	68.7	0.002	0.22	12.30	26.6	5	1.2	325	0.70	0.11	6.2	0.210
R607302		659	3330	40.6	44.8	0.003	0.21	12.55	35.6	7	0.8	182.0	0.45	0.08	4.2	0.138
R607303		406	2500	38.1	75.9	0.002	0.17	10.10	25.9	5	1.3	270	0.80	0.09	6.8	0.242
R607304		96.1	2550	31.8	61.5	0.011	0.18	6.87	8.6	7	1.2	370	0.53	0.11	4.9	0.203
R607305		77.1	2230	28.8	55.9	0.012	0.19	6.69	7.8	6	0.9	397	0.48	0.09	4.4	0.178
R607306		81.3	2030	22.9	58.7	0.008	0.19	5.82	8.0	7	1.0	360	0.51	0.09	4.6	0.195
R607307		120.0	2200	28.5	70.3	0.006	0.21	6.88	10.4	7	1.2	359	0.65	0.11	5.5	0.224
R607308		112.0	2250	30.8	64.7	0.007	0.21	6.63	10.0	7	1.2	348	0.62	0.10	5.3	0.226
R607309		81.9	1820	39.0	75.9	0.004	0.23	6.43	9.4	7	1.3	274	0.70	0.13	6.0	0.261
R607310		96.4	1620	67.3	77.3	0.012	0.26	8.96	14.1	8	1.3	305	0.71	0.10	5.9	0.245
R607311		102.0	1790	55.3	72.6	0.007	0.19	10.10	11.7	6	1.3	269	0.78	0.11	6.0	0.245
R607312		110.5	1880	35.7	69.5	0.007	0.18	8.50	11.1	6	1.3	297	0.74	0.12	5.9	0.241
R607313		59.8	990	42.2	115.0	0.010	0.22	7.23	11.9	3	1.8	287	1.77	0.12	10.0	0.378
R607314		58.3	980	41.3	123.5	0.020	0.22	8.05	12.9	3	2.0	273	1.42	0.15	10.0	0.384
R607315		63.3	1060	24.3	112.0	0.009	0.18	6.50	13.2	3	1.9	305	1.26	0.14	9.7	0.366
R607316		38.7	480	13.8	28.7	0.006	0.04	2.75	4.6	2	0.5	256	0.33	0.05	2.6	0.090
R607317		43.5	320	9.3	16.5	0.006	0.03	1.88	3.2	1	0.3	247	0.20	<0.05	1.5	0.057
R607318		298	770	21.4	71.3	0.003	0.06	6.37	7.3	7	1.2	283	0.82	0.08	6.0	0.233
R607319		95.2	290	10.0	10.0	0.007	0.03	2.76	2.2	2	0.2	350	0.13	<0.05	1.0	0.036
R607320		41.1	670	19.1	63.2	0.007	0.20	8.21	5.8	5	1.1	399	0.68	0.06	5.4	0.209
R607321		24.5	820	30.3	108.0	0.006	0.37	6.68	7.7	4	2.3	288	1.27	0.10	9.2	0.383
R607322		20.6	290	10.0	27.8	0.005	0.08	1.94	5.3	2	0.6	286	0.30	<0.05	2.2	0.088
R607323		18.7	110	3.8	5.5	0.002	0.01	0.64	2.7	1	<0.2	258	0.07	<0.05	0.5	0.019
R607324		12.7	140	7.1	3.9	<0.002	0.02	0.85	1.9	1	0.2	252	0.05	<0.05	0.4	0.014
R607325		317	550	18.3	32.4	0.002	0.04	2.25	5.8	2	0.6	290	0.26	<0.05	2.8	0.089
R607326		97.1	960	9.6	8.1	0.006	0.01	2.07	2.2	1	0.2	294	0.09	0.05	0.9	0.028
R607327		118.0	210	29.4	5.1	<0.002	0.05	0.97	1.8	1	<0.2	358	<0.05	<0.05	0.5	0.014
R607328		423	400	30.7	12.0	<0.002	0.04	0.93	4.6	3	0.3	307	0.08	<0.05	1.0	0.029
R607329		208	370	71.5	6.7	0.003	0.05	2.12	5.7	3	0.3	226	0.06	<0.05	0.7	0.021
R607330		28.8	150	10.1	3.9	<0.002	0.03	0.98	1.8	1	<0.2	168.0	<0.05	<0.05	0.4	0.012
R607331		31.3	130	7.8	3.9	0.002	0.03	1.95	5.9	1	<0.2	181.0	<0.05	<0.05	0.4	0.013
R607332		16.9	160	5.8	4.4	0.003	0.03	0.95	6.8	1	<0.2	244	<0.05	<0.05	0.5	0.014
R607333		7.1	80	2.7	1.9	0.004	0.01	0.35	4.5	1	<0.2	290	<0.05	<0.05	0.2	0.006
R607334		24.2	130	5.2	2.6	0.004	0.01	0.79	4.6	1	<0.2	261	<0.05	<0.05	0.3	0.008
R607335		10.5	60	1.7	1.2	0.003	0.01	0.51	0.7	1	<0.2	253	<0.05	<0.05	<0.2	<0.005
R607336		23.3	80	3.9	2.2	0.005	0.01	0.31	0.7	1	<0.2	261	<0.05	<0.05	0.2	0.005
R607337		30.1	70	3.4	1.4	0.002	0.01	3.08	1.2	1	<0.2	226	<0.05	<0.05	<0.2	0.005
R607338		16.4	60	16.9	1.5	0.002	0.01	3.11	1.0	1	<0.2	262	<0.05	<0.05	0.2	0.005

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 5-AUG-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15106737

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
R607299		2.41	4.7	266	1.8	22.3	278	61.2
R607300		8.59	9.0	476	9.2	28.0	565	81.1
R607301		9.34	45.3	553	7.6	53.4	2760	59.0
R607302		2.61	78.9	445	4.9	81.3	4050	42.3
R607303		3.40	47.5	446	6.5	52.6	2100	69.0
R607304		2.16	8.1	341	2.0	27.4	468	60.4
R607305		2.08	6.9	299	1.8	26.4	392	56.1
R607306		1.88	7.1	296	1.8	26.7	398	59.9
R607307		2.23	10.4	347	2.9	31.9	542	68.1
R607308		2.37	9.7	341	2.6	29.4	537	68.6
R607309		2.82	6.3	360	2.3	29.6	397	76.4
R607310		2.91	12.1	324	2.5	33.1	432	76.0
R607311		2.73	9.9	477	3.8	30.3	463	80.8
R607312		2.75	8.9	437	3.9	31.7	616	72.7
R607313		5.89	5.6	411	10.1	17.8	304	106.0
R607314		8.19	6.3	440	10.0	20.0	252	116.5
R607315		6.37	6.2	409	11.2	23.4	414	106.5
R607316		1.80	6.8	118	3.8	19.0	286	30.7
R607317		1.23	4.6	82	2.4	22.7	292	18.3
R607318		5.94	6.6	266	4.9	80.1	1620	71.1
R607319		1.71	7.2	61	1.9	29.9	501	12.4
R607320		154.5	4.7	226	7.0	20.2	404	62.3
R607321		137.5	4.1	349	11.6	17.1	60	109.0
R607322		58.6	3.0	111	2.9	20.7	111	29.3
R607323		5.28	3.6	39	0.8	16.4	200	6.1
R607324		3.86	3.6	36	0.8	14.4	100	4.9
R607325		6.62	6.6	103	1.9	48.6	1650	26.4
R607326		2.82	9.6	76	1.5	19.4	420	8.9
R607327		1.48	4.2	28	0.6	29.2	518	4.9
R607328		1.54	10.4	43	0.9	71.7	1880	9.4
R607329		3.59	7.6	63	1.3	51.5	1020	9.3
R607330		1.94	4.9	21	0.7	10.9	197	4.4
R607331		1.55	4.8	42	0.7	19.9	189	5.7
R607332		0.97	2.8	37	0.7	20.2	106	6.7
R607333		0.62	3.8	31	0.4	14.7	48	3.4
R607334		0.77	5.0	37	0.4	17.9	155	4.3
R607335		0.53	4.1	17	0.2	6.4	51	2.3
R607336		0.47	3.8	19	0.2	7.4	115	2.8
R607337		0.46	2.8	29	0.5	8.3	165	2.8
R607338		0.63	2.3	15	0.4	9.1	125	2.8

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Finalized Date: 5-AUG-2015
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Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15106737

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	As-OG62 As % 0.001	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
R607339		2.71	0.01		0.15	0.10	89.1	150	0.18	0.02	36.2	1.35	1.77	0.9	2	0.30
R607340		3.11	0.02		0.09	0.15	76.5	170	0.24	0.01	37.0	1.33	2.25	0.8	3	0.39
R607341		2.59	0.01		0.04	0.09	65.4	110	0.21	0.01	38.0	0.67	1.42	0.7	2	0.19
R607342		2.59	0.01		0.14	0.23	55.6	180	0.26	0.02	37.4	0.71	2.44	0.6	5	0.63
R607343		2.42	0.01		0.04	0.07	47.2	90	0.10	0.01	34.9	0.42	0.98	0.6	3	0.17
R607344		1.59	0.03		2.36	4.44	238	3010	1.36	0.18	1.92	3.13	46.7	5.2	141	15.20
R607345		2.13	0.02		2.60	4.51	183.5	4180	1.35	0.18	1.17	3.46	46.8	4.5	146	15.20
R607346		1.85	0.03		2.89	4.67	168.5	4360	1.46	0.19	0.79	4.41	52.8	3.6	159	16.85
R607347		1.74	0.02		2.23	4.44	130.0	2880	1.35	0.18	0.34	1.56	55.0	2.5	127	11.95
R607348		1.98	0.03		2.02	4.78	239	3170	1.44	0.20	0.40	1.99	56.4	3.4	133	13.70
R607349		2.30	0.10		2.08	5.06	255	3320	1.59	0.23	0.39	2.22	58.6	4.0	135	14.70
R607350		2.70	0.08		2.10	5.14	395	3750	1.85	0.23	0.59	4.26	58.2	6.5	143	14.45
R607351		2.07	4.36		5.17	6.01	6520	1420	1.59	0.22	0.32	1.20	69.1	2.5	101	14.70
R607352		2.53	2.96		4.67	6.78	5460	950	2.24	0.25	0.25	4.72	76.0	5.8	113	23.7
R607353		1.75	3.74		5.68	6.75	6510	1860	2.20	0.27	0.24	8.13	75.6	4.4	110	17.70
R607354		1.72	1.62		4.54	6.70	6060	1580	2.16	0.27	0.23	4.03	70.3	6.7	108	17.15
R607355		1.82	3.50		3.85	6.34	9780	490	2.10	0.27	0.18	2.79	67.2	13.5	101	13.15
R607356		1.95	5.27		4.87	6.36	5340	1350	2.05	0.25	0.17	2.99	70.3	8.2	109	13.80
R607357		1.72	2.36		5.53	6.36	4250	1140	2.01	0.24	0.19	4.08	66.6	11.2	101	13.55
R607358		3.70	1.61		4.43	6.47	4810	1340	2.21	0.27	0.15	4.10	70.6	9.7	105	13.90
R607359		2.11	1.50		4.62	6.60	4670	950	2.23	0.29	0.20	4.08	71.0	10.5	105	14.80
R607360		1.86	2.84	1.030	9.08	6.22	>10000	640	2.54	0.30	0.22	11.30	67.5	11.0	106	14.20
R607361		2.45	3.48		4.95	6.26	4060	930	2.10	0.29	0.23	2.41	69.3	11.9	109	15.00
R607362		2.65	2.92		5.16	6.48	2320	1220	2.21	0.27	0.23	3.53	70.4	10.3	103	15.50
R607363		2.19	4.09		4.20	6.13	4480	660	1.91	0.28	0.13	2.41	65.0	12.5	98	12.85
R607364		2.38	5.95		3.21	6.01	2760	740	1.80	0.26	0.75	3.39	63.4	12.0	86	15.85
R607365		2.60	2.11		4.26	5.27	8800	650	1.62	0.24	1.19	1.64	56.6	11.9	75	12.10
R607366		2.15	2.66		3.51	5.57	6150	840	1.77	0.30	1.25	1.76	61.7	11.3	90	12.95
R607367		2.85	7.38		2.26	5.78	8200	810	1.84	0.29	0.69	1.03	64.9	13.5	93	14.15
R607368		2.72	9.74		2.29	5.89	5400	850	1.81	0.29	0.38	2.30	65.7	14.4	95	14.20
R607369		2.18	11.05		3.10	4.34	6630	570	1.40	0.26	0.41	0.99	47.0	13.9	78	9.94
R607370		2.19	4.62		2.54	5.82	6620	990	1.79	0.26	0.52	0.66	65.5	13.7	94	13.55
R607371		1.85	1.28		2.61	5.62	5240	1050	1.66	0.29	0.77	0.94	61.0	12.1	89	13.55
R607372		2.26	2.11		3.93	4.97	7840	890	1.33	0.26	1.27	2.99	52.4	10.3	75	11.70
R607373		1.96	3.01		3.42	5.05	7220	950	1.36	0.26	1.17	3.05	52.5	9.8	80	10.90

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Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15106737

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-MS42	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	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1
R607339		3.5	0.17	0.36	0.10	<0.1	0.698	<0.005	0.04	2.0	0.8	1.77	337	0.42	0.01	0.2
R607340		4.7	0.19	0.47	0.07	0.1	0.616	<0.005	0.05	2.4	0.9	1.28	338	0.42	<0.01	0.3
R607341		3.2	0.13	0.31	0.09	<0.1	0.441	<0.005	0.03	1.4	0.6	1.12	312	0.28	0.01	0.2
R607342		3.5	0.14	0.62	0.08	0.1	0.675	<0.005	0.09	2.0	1.0	1.28	116	0.32	<0.01	0.4
R607343		3.1	0.09	0.26	0.11	<0.1	0.316	<0.005	0.02	0.9	0.5	3.66	95	0.33	0.01	0.1
R607344		61.8	2.40	12.55	0.21	2.0	1.425	0.039	1.52	34.0	14.8	0.31	110	9.98	0.08	9.2
R607345		53.8	2.26	12.80	0.18	2.0	1.400	0.039	1.57	33.8	14.4	0.30	96	9.44	0.08	9.6
R607346		51.7	2.12	13.75	0.22	2.4	1.190	0.041	1.74	38.0	14.7	0.31	74	11.65	0.08	13.0
R607347		33.2	1.41	13.45	0.23	2.5	1.500	0.033	1.73	37.1	11.4	0.27	37	7.31	0.04	15.4
R607348		60.3	2.16	14.35	0.20	2.5	1.590	0.042	1.87	37.3	12.8	0.30	62	10.45	0.05	15.2
R607349		65.4	2.35	14.90	0.19	2.5	1.670	0.052	2.02	38.5	13.0	0.32	75	10.25	0.06	15.2
R607350		119.5	3.74	14.90	0.15	2.5	1.620	0.056	1.97	39.2	14.5	0.32	251	11.90	0.08	14.1
R607351		373	2.57	18.80	0.17	2.8	12.55	0.055	2.70	38.1	10.9	0.38	38	2.87	0.03	16.6
R607352		195.5	2.67	20.1	0.18	3.1	15.00	0.062	2.84	42.1	12.6	0.35	40	4.89	0.03	19.5
R607353		164.0	2.71	19.75	0.17	3.1	15.70	0.056	2.98	42.7	11.0	0.36	29	4.29	0.03	20.3
R607354		213	2.59	19.65	0.17	3.0	7.58	0.051	3.00	39.6	10.9	0.41	33	4.79	0.03	19.2
R607355		420	3.19	17.90	0.13	2.8	12.95	0.059	2.65	36.9	11.8	0.37	30	5.75	0.03	19.1
R607356		287	2.70	19.00	0.12	2.9	18.40	0.073	2.71	39.9	11.5	0.37	32	6.36	0.03	19.7
R607357		156.5	2.42	18.60	0.16	2.9	17.40	0.050	2.82	37.9	10.5	0.40	36	5.37	0.03	18.8
R607358		232	2.55	18.35	0.17	3.0	15.75	0.066	2.72	39.7	11.5	0.37	32	6.02	0.03	19.0
R607359		230	2.53	19.40	0.17	3.0	10.50	0.059	2.86	40.6	11.6	0.39	32	5.77	0.03	20.1
R607360		214	3.46	18.45	0.16	2.7	17.25	0.067	2.65	37.8	11.4	0.36	27	5.52	0.03	17.9
R607361		161.0	2.28	18.65	0.14	2.8	30.4	0.048	2.84	39.4	9.6	0.40	27	5.78	0.03	18.0
R607362		131.5	2.12	19.05	0.17	2.9	30.0	0.049	2.97	39.3	9.4	0.43	28	5.21	0.03	19.0
R607363		125.0	2.42	17.80	0.15	2.8	17.95	0.041	2.70	36.1	10.6	0.37	28	5.04	0.03	17.7
R607364		109.0	2.30	17.85	0.13	2.8	16.90	0.047	2.56	35.1	12.2	0.65	150	4.58	0.02	16.5
R607365		94.6	3.76	15.80	0.15	2.4	9.60	0.052	2.29	28.5	10.4	0.77	271	4.31	0.03	15.7
R607366		104.5	2.93	16.40	0.19	2.6	10.70	0.057	2.46	33.3	9.8	0.80	202	5.14	0.03	16.6
R607367		103.5	3.13	17.50	0.18	2.8	12.95	0.044	2.63	34.7	10.0	0.62	119	10.80	0.03	16.8
R607368		89.3	2.58	17.55	0.19	2.7	13.55	0.058	2.66	35.5	9.9	0.49	69	18.85	0.03	16.8
R607369		99.4	3.32	13.05	0.18	2.1	13.00	0.033	1.92	25.8	8.2	0.41	92	12.55	0.02	12.2
R607370		90.7	2.71	17.30	0.19	2.8	10.95	0.038	2.67	35.1	9.4	0.54	101	7.67	0.03	16.9
R607371		95.1	2.58	16.60	0.18	2.7	5.91	0.055	2.47	32.8	10.1	0.61	128	5.12	0.03	16.7
R607372		95.7	3.03	14.30	0.18	2.2	6.65	0.049	2.20	28.6	9.4	0.76	240	4.14	0.03	15.0
R607373		88.3	2.71	14.65	0.17	2.3	7.24	0.050	2.24	29.0	9.2	0.74	199	4.50	0.03	14.4

***** 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: 5-AUG-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15106737

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
R607339		12.2	50	8.2	1.7	0.002	0.02	1.23	0.5	1	<0.2	350	<0.05	<0.05	0.2	<0.005
R607340		10.5	70	4.0	2.3	0.002	0.04	0.55	0.6	1	<0.2	309	<0.05	<0.05	0.2	0.006
R607341		7.1	40	2.6	1.5	0.002	0.01	0.32	0.3	<1	<0.2	161.5	<0.05	<0.05	<0.2	<0.005
R607342		5.8	80	15.0	3.6	<0.002	0.05	0.89	1.0	1	<0.2	186.0	<0.05	<0.05	0.4	0.011
R607343		5.3	40	2.3	1.1	<0.002	0.01	0.37	0.3	1	<0.2	134.5	<0.05	<0.05	<0.2	<0.005
R607344		81.5	1250	120.0	76.2	0.008	0.14	7.84	9.6	8	1.4	193.5	0.68	0.11	6.6	0.264
R607345		70.6	1270	78.7	79.0	0.011	0.17	7.29	9.3	7	1.4	210	0.71	0.10	6.6	0.273
R607346		68.8	1410	45.2	85.6	0.014	0.21	7.70	9.4	8	1.6	236	1.01	0.14	7.7	0.298
R607347		40.1	790	29.6	85.1	0.010	0.13	6.00	8.6	4	1.5	204	1.05	0.10	7.7	0.300
R607348		55.2	1170	32.3	90.7	0.012	0.19	7.68	9.9	6	1.6	256	1.04	0.14	8.1	0.313
R607349		58.7	1220	32.3	96.0	0.017	0.21	7.60	10.2	6	1.7	261	1.07	0.14	8.4	0.321
R607350		87.4	1540	36.5	95.5	0.019	0.23	8.36	11.3	7	1.7	275	1.03	0.14	8.4	0.315
R607351		26.4	1150	34.0	121.0	0.041	1.01	5.17	11.7	9	2.2	319	1.23	0.15	9.7	0.353
R607352		59.6	1530	29.0	125.0	0.022	1.32	6.97	12.7	12	2.2	405	1.41	0.17	11.0	0.389
R607353		48.2	1260	30.9	125.0	0.008	1.05	7.82	15.9	9	2.4	372	1.48	0.16	10.9	0.401
R607354		54.8	890	28.6	128.5	0.013	1.18	7.08	14.1	9	2.3	237	1.39	0.12	10.2	0.399
R607355		85.7	1280	47.2	116.5	0.007	2.04	6.23	15.6	7	2.4	299	1.35	0.14	9.3	0.373
R607356		58.2	1250	29.2	121.5	0.007	1.30	5.99	17.6	7	2.2	303	1.42	0.14	10.5	0.382
R607357		72.9	930	20.6	122.0	0.005	1.46	4.97	12.2	6	2.1	187.5	1.36	0.14	9.5	0.377
R607358		71.7	1260	25.6	116.5	0.007	1.28	6.58	14.1	6	2.2	299	1.36	0.13	10.7	0.378
R607359		75.4	1110	25.4	125.5	0.009	1.41	6.44	13.3	7	2.2	235	1.41	0.14	10.3	0.389
R607360		64.0	1270	129.5	120.5	0.005	2.09	13.05	12.4	8	2.4	193.5	1.28	0.15	9.8	0.352
R607361		64.8	1040	23.0	126.5	0.007	1.51	3.81	11.2	6	2.5	146.5	1.26	0.15	9.8	0.364
R607362		63.0	1000	17.3	129.5	0.004	1.35	3.30	11.5	6	2.4	146.5	1.32	0.14	10.1	0.381
R607363		66.8	930	19.1	118.5	0.004	1.72	3.88	10.1	7	2.2	225	1.27	0.12	8.6	0.353
R607364		84.9	770	17.5	115.5	0.005	1.67	3.77	12.1	4	2.1	164.0	1.16	0.10	9.0	0.338
R607365		72.9	820	25.3	104.5	0.004	2.69	6.01	11.9	7	1.8	161.5	0.95	0.10	8.2	0.308
R607366		75.8	880	31.0	112.5	0.006	2.14	5.06	11.4	6	2.1	153.5	1.07	0.16	9.5	0.340
R607367		78.2	870	27.0	121.0	0.006	2.46	4.22	11.2	7	2.4	127.0	1.12	0.14	9.8	0.347
R607368		108.5	800	23.5	123.0	0.004	2.14	3.71	9.2	6	2.4	123.5	1.07	0.11	10.0	0.358
R607369		92.5	650	33.3	87.4	0.003	2.91	5.12	7.5	6	1.8	101.5	0.81	0.12	7.2	0.255
R607370		75.3	760	28.7	120.5	0.004	2.08	3.95	10.0	6	2.3	113.0	1.10	0.12	10.0	0.348
R607371		69.6	800	28.0	113.0	0.004	1.90	4.34	10.2	6	2.0	153.5	1.06	0.12	9.4	0.337
R607372		59.6	800	24.5	95.1	0.003	2.08	5.17	9.8	7	1.7	173.5	0.93	0.10	7.8	0.294
R607373		57.1	770	21.3	96.4	0.004	1.89	5.19	9.8	7	1.8	172.0	0.93	0.11	8.0	0.296

***** 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: 5-AUG-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15106737

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
R607339		1.26	1.2	8	0.3	6.4	88	1.8
R607340		0.83	0.9	9	0.4	7.2	95	2.5
R607341		0.35	0.5	6	0.2	5.3	72	1.8
R607342		0.60	0.8	10	0.4	7.2	107	3.6
R607343		0.40	0.6	6	0.1	3.5	49	1.4
R607344		1.92	6.4	273	2.8	29.1	410	81.3
R607345		2.16	6.4	308	2.9	27.8	368	81.8
R607346		2.72	7.3	441	3.1	30.0	323	96.7
R607347		2.44	6.2	440	3.3	27.0	163	101.5
R607348		3.07	6.8	440	3.7	28.2	238	103.5
R607349		3.21	6.7	429	4.2	28.9	258	105.0
R607350		3.64	7.3	415	4.2	35.1	446	100.0
R607351		17.55	5.5	362	9.6	23.6	97	109.0
R607352		18.75	9.2	453	15.6	28.9	298	122.5
R607353		21.9	10.7	494	13.6	30.3	252	123.0
R607354		13.55	7.2	443	11.3	27.8	271	121.0
R607355		19.60	7.7	432	10.8	28.4	299	115.5
R607356		20.1	8.7	449	12.8	26.3	274	119.0
R607357		12.20	6.0	417	11.4	28.0	240	115.0
R607358		12.60	8.4	432	11.5	30.2	352	117.5
R607359		12.40	7.1	439	11.0	31.9	296	121.5
R607360		16.45	8.0	416	11.8	35.9	949	112.0
R607361		13.90	6.6	426	10.6	31.1	254	116.0
R607362		10.55	6.0	418	11.2	31.0	309	119.0
R607363		16.05	5.2	392	10.6	30.6	245	111.0
R607364		18.10	4.6	337	10.6	26.7	426	107.0
R607365		21.6	4.2	320	9.8	28.6	343	92.5
R607366		19.40	3.9	353	9.9	27.8	354	104.0
R607367		28.1	4.2	363	10.5	27.5	257	110.5
R607368		25.7	4.3	358	11.3	24.4	537	106.5
R607369		28.9	3.4	284	8.1	19.5	243	83.5
R607370		16.45	4.1	360	9.9	24.5	180	106.5
R607371		9.34	3.9	361	9.8	23.4	200	106.5
R607372		10.80	3.2	320	9.4	21.9	473	88.0
R607373		11.15	3.3	324	10.0	21.0	432	90.2

***** 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

Project: NADALEEN

Finalized Date: 5-AUG-2015
Account: RCM

CERTIFICATE OF ANALYSIS WH15106737

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.

BAG-06	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-MS42	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: 4-AUG-2015
Account: RCM

CERTIFICATE WH15106898

Project: NADALEEN

P.O. No.: NA-15-007

This report is for 150 Rock samples submitted to our lab in Whitehorse, YT, Canada on 17-JUL-2015.

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
BAG-06	Double Bagging Coarse Rejects

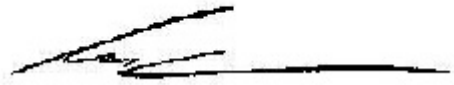
ANALYTICAL PROCEDURES

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-MS42	Trace Hg by ICPMS	ICP-MS
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
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15106898

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	As-OG62 As % 0.001	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
R607109		1.12	0.01		0.52	4.75	997	880	1.27	0.33	0.08	0.13	64.7	1.0	73	10.30
R607110		0.93	0.01		0.47	5.13	333	1000	1.28	0.18	0.05	0.10	67.7	0.7	78	14.40
R607111		0.76	0.01		0.46	4.94	683	990	1.29	0.27	0.03	0.08	67.5	0.8	77	9.64
R607112		0.95	0.01		0.51	5.15	638	930	1.16	0.21	0.03	0.02	67.3	0.8	78	11.90
R607113		1.23	0.02		0.60	5.05	1720	950	1.17	0.22	0.03	0.38	66.1	1.1	83	11.50
R607114		1.55	0.01		0.58	5.30	878	490	1.27	0.24	0.03	0.24	63.4	6.0	94	9.57
R607115		1.20	0.01		0.55	5.52	1015	300	1.28	0.24	0.02	0.95	68.8	10.6	97	9.55
R607116		0.86	0.01		0.54	5.53	802	450	1.40	0.25	0.03	0.57	68.7	9.8	97	11.35
R607117		1.33	0.01		0.52	5.75	723	470	1.49	0.24	0.04	1.71	69.1	9.6	96	11.75
R607118		1.52	0.01		0.57	5.52	494	920	1.43	0.24	0.03	0.23	67.8	4.7	96	14.50
R607119		1.57	0.01		0.56	5.11	663	760	1.37	0.16	0.02	0.15	63.2	3.3	90	12.25
R607120		1.39	0.01		0.57	5.67	563	500	1.54	0.26	0.04	1.12	68.8	10.0	94	11.35
R607121		1.51	0.01		0.51	5.87	495	910	1.57	0.22	0.06	0.25	71.9	4.3	95	15.45
R607122		1.48	0.02		0.51	5.83	1370	330	1.52	0.28	0.03	0.39	74.1	10.0	96	17.05
R607123		1.41	0.01		0.50	5.67	830	870	1.47	0.23	0.06	1.60	71.5	10.4	95	12.70
R607124		1.82	0.22		0.51	5.57	1380	370	1.39	0.24	0.04	1.75	70.4	10.1	92	11.85
R607125		1.73	0.01		0.54	6.00	2270	330	1.47	0.25	0.05	2.80	75.7	11.7	104	19.50
R607126		1.57	0.01		0.56	5.36	2190	360	1.33	0.23	0.03	2.27	66.5	13.7	95	12.65
R607127		1.19	0.01		0.61	5.39	699	1050	1.29	0.24	0.04	0.81	76.7	1.9	91	14.70
R607128		1.29	0.01		0.67	4.44	1115	960	1.00	0.24	0.06	0.17	73.1	1.4	78	13.00
R607129		1.49	0.01		1.00	3.96	1970	1020	0.90	0.21	0.04	0.14	64.5	0.7	77	15.60
R607130		1.55	0.01		0.60	4.64	3580	900	0.95	0.22	0.05	0.07	72.3	0.8	89	23.4
R607131		1.35	0.01		0.63	4.12	6660	790	1.43	0.14	0.07	3.77	80.6	1.4	94	19.65
R607132		1.26	0.01	1.140	0.29	5.30	>10000	690	4.92	0.14	3.31	11.40	62.4	6.6	98	25.9
R607133		1.64	<0.01		0.10	1.98	1885	240	1.32	0.03	27.3	3.17	14.75	6.9	23	3.82
R607134		1.33	0.02		0.68	5.14	4610	760	1.77	0.12	3.55	3.16	53.6	2.3	81	13.50
R607135		1.70	0.04		0.95	4.75	1475	990	0.90	0.21	0.14	0.07	63.6	0.6	83	13.40
R607136		1.24	0.02		0.62	4.48	2910	920	0.98	0.21	0.12	0.09	63.9	0.7	75	11.55
R607137		1.52	0.01		0.57	4.56	3760	1000	1.01	0.29	0.17	0.14	67.8	0.9	80	13.80
R607138		1.36	0.01		0.58	5.10	2390	1150	1.15	0.20	0.16	0.06	69.8	0.9	86	16.35
R607139		1.69	<0.01		0.22	1.93	1640	530	0.86	0.08	25.6	1.80	29.3	1.8	35	10.70
R607140		2.05	<0.01		0.14	0.95	471	170	0.44	0.04	30.1	0.65	14.60	2.1	19	3.12
R607141		1.11	0.01		0.56	4.71	1865	890	0.86	0.22	0.20	0.08	65.8	1.0	91	12.55
R607142		1.30	0.01		0.59	5.23	302	1170	0.92	0.29	0.14	0.03	74.3	0.8	89	21.5
R607143		1.46	0.01		0.55	5.20	539	1090	0.92	0.24	0.05	0.08	75.0	0.9	83	14.55
R607144		1.03	0.01		0.44	5.01	415	1140	1.01	0.23	0.05	0.04	72.9	0.9	82	11.35
R607145		0.95	0.01		0.56	5.47	378	1250	1.12	0.28	0.05	0.04	78.2	1.0	84	11.25
R607146		1.28	0.01		0.56	5.14	476	1090	0.94	0.25	0.04	0.08	71.8	1.3	77	10.85
R607147		1.45	0.01		0.59	5.20	327	1190	0.98	0.26	0.03	0.04	73.9	0.7	72	13.85
R607148		1.14	0.01		0.53	4.66	694	1070	0.90	0.27	0.03	0.04	72.4	0.8	66	9.30

***** 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: 4-AUG-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15106898

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-MS42	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	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1
R607109		18.5	0.63	15.60	0.12	2.9	0.662	0.050	2.06	37.3	16.2	0.36	17	10.05	0.03	19.8
R607110		30.7	0.64	16.20	0.13	3.0	0.370	0.042	2.25	37.8	16.2	0.37	17	8.00	0.03	20.3
R607111		29.1	0.64	16.40	0.12	3.0	0.382	0.044	2.16	38.3	15.2	0.35	18	8.73	0.03	20.4
R607112		9.2	0.70	15.45	0.12	3.1	0.370	0.038	2.25	38.1	13.9	0.38	17	9.14	0.04	19.2
R607113		24.5	1.15	14.65	0.14	2.8	0.819	0.059	2.23	36.2	13.7	0.33	14	9.29	0.03	19.0
R607114		162.5	2.82	17.25	0.11	2.9	0.580	0.047	2.20	35.7	15.3	0.35	24	7.85	0.03	19.3
R607115		155.0	2.93	17.95	0.11	2.9	0.566	0.068	2.28	36.5	16.8	0.36	26	9.58	0.03	19.6
R607116		87.4	3.12	17.50	0.13	2.8	0.533	0.068	2.28	37.1	16.2	0.37	24	14.35	0.03	18.7
R607117		97.4	2.62	18.25	0.11	2.8	0.510	0.059	2.37	37.0	16.3	0.39	23	16.15	0.03	18.1
R607118		56.9	2.06	16.60	0.11	2.9	0.497	0.037	2.34	37.8	17.9	0.38	19	15.60	0.03	18.9
R607119		58.0	1.98	14.85	0.10	2.8	0.630	0.055	2.13	35.0	15.4	0.32	19	14.20	0.03	19.1
R607120		92.9	2.98	17.45	0.11	2.9	0.614	0.066	2.50	36.6	14.3	0.37	24	11.95	0.03	19.2
R607121		56.4	1.41	17.75	0.11	3.0	1.255	0.042	2.48	40.5	16.4	0.40	19	15.90	0.04	19.3
R607122		98.9	3.23	17.40	0.12	2.9	4.02	0.047	2.40	39.7	16.6	0.39	26	13.70	0.03	18.9
R607123		75.0	2.28	16.50	0.13	2.7	1.225	0.054	2.37	37.8	15.6	0.37	23	12.70	0.03	17.9
R607124		74.3	2.95	16.10	0.11	2.7	3.80	0.055	2.29	36.9	15.3	0.36	25	11.75	0.03	17.7
R607125		76.6	3.94	17.15	0.12	3.0	6.23	0.059	2.43	39.1	16.3	0.38	25	13.40	0.03	18.2
R607126		113.0	4.06	18.20	0.11	2.7	6.38	0.063	2.19	34.8	14.2	0.34	24	13.70	0.03	18.3
R607127		28.7	1.43	16.90	0.11	3.1	8.55	0.053	2.38	43.1	12.3	0.36	18	16.60	0.03	20.5
R607128		14.9	1.52	14.45	0.11	2.7	10.80	0.051	2.05	41.1	10.3	0.30	14	22.1	0.03	17.7
R607129		17.3	1.25	13.40	0.10	2.5	10.80	0.052	1.73	37.1	9.8	0.27	14	28.6	0.03	15.0
R607130		16.5	1.96	16.60	0.10	2.9	23.3	0.039	2.07	40.9	11.3	0.31	13	17.80	0.03	19.9
R607131		49.4	7.70	14.95	0.13	2.3	16.55	0.060	2.02	39.7	10.3	0.25	18	49.8	0.04	16.1
R607132		149.0	11.45	11.75	0.13	1.6	1.000	0.062	1.41	31.1	16.7	0.29	56	30.8	0.03	10.4
R607133		48.4	2.48	2.67	0.06	0.5	0.907	0.012	0.34	7.4	3.3	0.34	100	6.07	0.01	2.7
R607134		59.7	3.77	12.55	0.10	2.0	5.45	0.034	1.62	30.4	10.6	0.27	34	30.2	0.03	12.3
R607135		19.4	1.86	15.25	0.13	2.6	9.90	0.030	2.12	36.5	10.7	0.32	13	27.4	0.03	15.7
R607136		19.2	2.34	14.80	0.12	2.7	7.95	0.034	2.09	36.0	11.4	0.31	13	13.85	0.03	16.3
R607137		24.5	3.44	15.45	0.13	2.6	10.95	0.063	2.30	37.3	12.2	0.33	13	16.60	0.04	16.6
R607138		22.5	2.14	16.90	0.12	2.7	7.63	0.036	2.27	37.4	14.0	0.38	14	9.06	0.04	17.7
R607139		28.0	1.83	5.70	0.07	1.0	1.705	0.025	0.79	17.7	5.2	0.21	171	6.12	0.01	5.9
R607140		11.7	0.81	2.95	0.06	0.5	1.040	0.012	0.38	9.6	3.0	0.14	315	4.40	0.01	3.1
R607141		18.1	1.36	20.3	0.19	2.6	0.509	0.137	1.97	35.2	13.2	0.33	18	11.90	0.03	16.5
R607142		28.8	0.80	19.50	0.22	3.1	0.482	0.074	2.10	40.7	13.0	0.36	15	8.92	0.04	19.7
R607143		35.4	0.78	18.60	0.23	3.1	0.505	0.056	2.03	40.8	13.5	0.35	14	11.00	0.04	19.7
R607144		20.2	0.91	17.25	0.19	3.0	0.925	0.060	2.08	40.3	14.3	0.35	14	14.85	0.04	20.2
R607145		19.5	0.99	18.65	0.24	3.5	1.355	0.064	2.20	45.2	12.8	0.37	16	21.3	0.04	21.0
R607146		15.1	0.74	17.30	0.23	3.3	0.619	0.049	2.00	42.6	11.4	0.34	15	17.50	0.04	19.8
R607147		8.3	0.74	16.70	0.20	3.4	0.620	0.050	2.02	43.3	12.1	0.34	14	12.65	0.04	19.6
R607148		7.3	0.74	15.30	0.20	3.1	3.64	0.053	1.85	43.0	11.0	0.30	14	12.05	0.03	18.1

***** 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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VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15106898

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
R607109		16.1	320	43.7	105.0	0.007	0.22	29.2	8.5	6	1.8	63.7	1.20	0.08	8.4	0.361
R607110		14.2	350	26.8	107.0	0.008	0.08	16.65	7.5	4	1.9	70.8	1.25	0.05	8.9	0.369
R607111		14.4	330	20.2	106.5	0.006	0.20	16.90	9.0	5	1.8	70.1	1.23	0.11	9.8	0.366
R607112		15.6	430	18.9	109.5	0.007	0.14	13.35	9.0	4	1.9	61.6	1.19	0.11	9.2	0.370
R607113		15.9	530	23.4	103.0	0.007	0.99	16.75	11.7	8	1.8	59.5	1.19	0.14	10.3	0.357
R607114		43.4	380	20.3	100.0	0.005	2.76	18.15	8.7	5	1.8	65.6	1.18	0.09	10.4	0.349
R607115		56.5	510	20.6	105.0	0.007	2.87	20.0	8.8	6	1.8	71.9	1.19	0.10	11.3	0.345
R607116		48.2	540	18.7	109.0	0.005	3.06	19.10	8.8	5	1.8	61.2	1.11	0.10	10.2	0.346
R607117		46.4	520	17.0	110.0	0.005	2.49	14.35	8.7	5	1.9	67.4	1.11	0.11	9.8	0.356
R607118		30.6	660	17.9	110.0	0.008	1.80	14.00	8.2	5	1.8	63.4	1.18	0.09	9.5	0.362
R607119		28.8	1030	17.0	97.2	0.008	1.81	12.80	7.9	5	1.7	65.0	1.18	0.09	9.8	0.332
R607120		57.6	700	20.4	112.0	0.006	2.92	12.35	8.9	6	1.9	49.7	1.17	0.10	11.2	0.357
R607121		30.5	690	17.1	116.0	0.008	1.06	22.8	8.7	4	2.0	75.8	1.20	0.11	9.2	0.372
R607122		50.2	760	17.8	115.0	0.006	3.13	42.8	8.5	5	1.9	113.5	1.16	0.11	9.7	0.362
R607123		56.5	1110	17.0	109.0	0.005	2.07	16.40	8.6	5	1.8	88.9	1.11	0.10	9.3	0.342
R607124		57.7	1280	16.9	107.5	0.006	2.83	31.9	8.3	5	1.8	108.5	1.09	0.09	9.8	0.338
R607125		58.9	1510	17.2	113.5	0.005	3.97	46.9	8.7	5	1.9	109.5	1.16	0.10	11.9	0.358
R607126		61.5	820	19.2	103.0	0.008	4.14	46.5	8.0	6	1.8	119.0	1.11	0.11	9.6	0.340
R607127		20.8	1010	19.4	111.5	0.006	0.78	49.4	8.8	7	2.0	120.5	1.27	0.12	11.0	0.386
R607128		17.3	1220	21.2	90.7	0.010	0.61	31.6	7.3	8	1.9	131.5	1.09	0.11	11.8	0.341
R607129		16.9	1340	27.4	83.3	0.024	0.37	31.1	6.7	9	1.7	129.0	0.94	0.11	9.0	0.302
R607130		13.6	1580	18.5	98.5	0.011	0.50	74.8	6.8	4	1.8	115.0	1.24	0.06	8.8	0.351
R607131		14.4	1860	15.7	104.5	0.013	1.00	58.9	5.3	7	1.4	230	0.98	0.13	11.1	0.276
R607132		67.7	3580	19.5	79.0	0.002	1.37	34.9	7.6	5	1.1	228	0.64	0.07	7.1	0.198
R607133		40.4	800	8.2	16.9	<0.002	2.57	6.53	2.0	2	0.3	161.0	0.17	<0.05	1.7	0.051
R607134		30.8	1340	34.5	75.6	0.025	1.29	24.0	5.2	7	1.3	153.0	0.79	0.14	7.2	0.243
R607135		16.3	800	40.0	95.7	0.029	0.58	32.3	6.1	6	1.8	164.0	0.98	0.11	8.4	0.329
R607136		13.5	1010	24.6	98.5	0.019	0.65	29.0	6.4	5	1.7	148.5	1.02	0.09	8.8	0.317
R607137		14.7	1610	21.2	110.0	0.013	1.03	35.4	8.2	6	1.8	149.5	1.02	0.10	9.8	0.318
R607138		15.9	710	21.7	112.0	0.022	0.66	20.3	7.2	4	1.8	107.0	1.10	0.08	8.6	0.347
R607139		15.8	550	9.3	41.4	0.004	0.44	9.22	3.6	2	0.6	127.0	0.37	<0.05	3.5	0.116
R607140		14.1	460	7.4	18.7	<0.002	0.09	4.93	4.1	2	0.4	106.0	0.19	<0.05	1.8	0.059
R607141		16.9	400	17.7	103.5	0.006	0.33	13.35	9.4	4	1.8	79.4	1.02	0.07	11.7	0.328
R607142		15.8	400	23.8	109.5	0.005	0.16	12.00	8.2	5	1.9	97.5	1.23	0.12	10.1	0.382
R607143		15.2	400	21.3	111.5	0.007	0.33	13.05	7.9	5	2.0	98.0	1.26	0.10	9.4	0.375
R607144		17.4	620	18.3	105.5	0.006	0.26	14.95	8.4	5	2.0	102.5	1.24	0.11	9.5	0.367
R607145		20.1	590	23.6	115.5	0.009	0.32	17.80	8.9	5	2.1	121.5	1.39	0.14	10.3	0.419
R607146		18.3	410	19.8	103.0	0.012	0.27	15.00	7.0	5	2.0	106.5	1.29	0.07	9.2	0.399
R607147		16.0	590	20.4	104.5	0.009	0.14	9.62	8.1	6	2.2	107.5	1.31	0.11	13.1	0.404
R607148		15.8	730	18.1	99.7	0.011	0.38	8.50	8.2	6	1.9	115.0	1.19	0.11	11.5	0.367

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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
R607109		4.40	4.2	350	4.3	14.0	46	112.5
R607110		3.24	4.3	351	4.4	14.9	33	117.0
R607111		4.32	4.4	325	4.7	15.1	20	117.5
R607112		3.88	4.1	314	4.8	14.0	17	116.0
R607113		4.08	4.0	309	7.5	13.7	12	112.0
R607114		3.96	4.8	378	5.0	15.2	37	111.0
R607115		6.12	11.5	380	5.2	22.7	136	110.5
R607116		4.66	7.9	359	5.0	24.3	82	109.5
R607117		4.22	5.3	355	5.1	20.9	87	109.0
R607118		3.47	4.8	350	5.9	17.4	25	112.5
R607119		1.93	5.0	390	5.7	16.7	23	108.5
R607120		4.29	6.2	375	5.2	22.7	122	111.0
R607121		5.25	4.9	355	4.9	17.0	37	115.0
R607122		15.15	4.8	360	4.6	24.3	64	111.5
R607123		6.89	5.0	359	4.3	27.2	218	107.5
R607124		17.35	5.3	369	4.0	25.8	232	103.0
R607125		30.6	6.0	392	4.2	28.0	252	111.0
R607126		37.5	9.2	364	4.0	22.7	205	105.5
R607127		29.2	6.8	354	4.4	17.1	20	119.0
R607128		19.50	6.5	348	4.1	14.4	18	105.0
R607129		14.90	7.1	441	3.9	13.6	13	93.5
R607130		27.4	5.5	376	4.4	14.5	16	114.0
R607131		77.2	6.9	502	3.7	17.2	158	88.8
R607132		26.4	13.8	552	3.6	51.1	930	62.4
R607133		4.25	3.9	116	0.9	31.7	442	17.7
R607134		15.50	7.1	482	3.8	21.3	251	77.3
R607135		25.9	6.1	469	5.1	13.1	17	107.5
R607136		20.3	4.7	364	4.3	13.3	22	99.0
R607137		41.1	4.5	333	3.9	13.5	27	103.0
R607138		26.7	4.2	347	3.8	14.5	21	106.5
R607139		9.24	5.8	142	1.8	17.7	150	38.6
R607140		1.81	6.4	83	1.0	16.0	106	21.6
R607141		6.01	4.1	323	4.6	13.3	17	104.5
R607142		3.90	5.0	345	5.8	16.0	12	118.5
R607143		7.73	4.9	315	5.6	16.8	12	117.5
R607144		4.58	4.7	313	5.1	16.4	17	116.5
R607145		5.50	5.1	339	6.2	18.8	16	127.5
R607146		6.67	5.2	359	5.9	16.0	11	125.0
R607147		5.86	5.0	327	5.3	16.9	9	125.0
R607148		6.12	4.7	306	4.8	15.7	14	120.0

***** 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: 4-AUG-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15106898

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	As-OG62 As % 0.001	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
R607149		1.13	0.01		0.60	4.54	443	1550	0.87	0.21	0.04	0.03	70.1	0.7	69	12.55
R607150		1.21	0.01		0.57	5.42	327	1180	1.02	0.22	0.05	0.05	72.7	0.9	79	11.90
R607151		0.86	0.02		0.55	4.17	1855	1230	0.98	0.23	0.05	0.18	69.8	0.6	66	13.65
R607152		0.99	0.01		0.52	3.95	4390	940	0.94	0.29	0.14	0.07	73.5	0.5	71	22.7
R607153		0.73	0.02		0.67	4.84	5810	820	1.44	0.24	0.88	1.34	71.9	2.9	88	16.70
R607154		1.53	0.01		1.37	1.82	1345	360	0.73	0.11	26.1	2.91	22.2	4.0	32	3.86
R607155		1.70	<0.01		0.56	0.80	437	250	0.46	0.05	33.0	1.62	13.30	1.3	16	2.09
R607156		1.62	<0.01		0.21	0.98	499	260	0.48	0.05	32.7	1.70	14.75	1.9	16	2.26
R607157		1.40	<0.01		0.32	3.21	2310	550	1.14	0.13	18.70	4.54	38.7	4.2	51	4.62
R607158		1.35	0.01		0.54	5.54	1650	1140	1.16	0.28	1.22	0.36	74.4	1.3	86	10.30
R607159		0.75	0.01		0.55	5.59	1265	820	0.99	0.26	0.46	0.43	76.9	1.0	88	13.10
R607160		1.15	0.01		0.60	4.85	1295	1310	1.06	0.25	0.40	0.09	68.6	0.9	73	11.40
R607161		1.03	0.01		0.63	5.43	1140	1190	1.14	0.32	0.36	0.85	76.5	1.1	79	11.15
R607162		0.94	0.01		0.63	5.43	451	1250	0.95	0.26	0.27	0.09	70.2	0.8	84	9.27
R607163		0.91	0.01		0.56	5.10	1115	1360	1.02	0.21	0.29	0.13	68.5	0.8	86	8.53
R607164		1.11	0.02		0.67	5.15	826	1440	1.22	0.26	0.31	0.10	69.3	0.8	94	7.06
R607165		1.01	0.01		0.55	5.40	606	1240	1.28	0.33	0.34	0.10	72.6	1.0	88	8.45
R607166		1.03	0.01		0.60	5.38	351	1240	1.19	0.30	0.29	0.08	73.4	1.0	86	11.60
R607167		1.18	0.01		0.57	5.31	1215	1080	1.10	0.28	0.31	0.08	74.2	1.0	84	11.00
R607168		1.23	0.01		0.58	4.97	2340	1140	1.15	0.28	0.32	0.08	73.0	1.0	84	8.80
R607169		1.46	0.01		0.60	4.73	5020	1090	1.04	0.27	0.28	0.41	71.2	0.9	83	10.50
R607170		1.20	0.01		0.48	3.72	2990	800	0.97	0.18	10.40	2.71	50.1	1.4	69	8.77
R607171		1.52	<0.01		0.24	3.18	1320	490	0.93	0.12	18.70	1.48	37.7	7.5	43	4.06
R607172		1.35	<0.01		0.48	5.14	2820	750	1.37	0.19	3.33	3.16	56.4	7.5	70	8.46
R607173		1.52	0.01		0.19	1.32	941	270	0.71	0.06	28.9	1.38	16.55	3.8	20	3.18
R607174		1.44	<0.01		0.12	0.83	451	740	0.54	0.04	33.2	0.86	11.85	1.7	15	3.00
R607175		1.72	<0.01		0.10	0.58	342	200	0.52	0.03	34.8	1.05	8.11	1.3	10	1.54
R607176		1.94	<0.01		0.08	0.52	388	200	0.56	0.03	36.3	0.86	7.94	1.4	10	1.37
R607177		1.61	<0.01		0.06	0.46	340	100	0.69	0.02	38.2	0.72	6.86	1.7	9	1.20
R607178		1.57	<0.01		0.08	0.47	470	130	0.59	0.03	36.0	0.71	6.89	2.0	9	1.26
R607179		2.18	<0.01		0.09	0.49	903	110	0.52	0.03	34.9	1.29	7.09	3.9	10	1.59
R607180		1.85	<0.01		0.06	0.35	419	90	0.40	0.02	36.9	1.22	5.16	2.0	7	1.04
R607181		1.07	0.01		0.57	5.28	260	920	1.19	0.16	0.09	0.03	64.6	0.9	60	17.05
R607182		1.30	<0.01		0.61	4.63	162.0	810	1.15	0.27	0.06	<0.02	53.1	0.7	57	12.85
R607183		1.24	0.01		0.62	5.72	271	930	1.30	0.26	0.06	<0.02	64.1	0.7	69	13.85
R607184		1.07	0.01		0.63	5.69	296	1130	1.40	0.25	0.04	<0.02	67.1	0.8	68	13.55
R607185		1.20	<0.01		0.52	5.38	277	3100	1.33	0.25	0.02	<0.02	68.9	0.8	65	17.05
R607186		1.23	0.01		0.58	4.23	1245	2520	0.94	0.26	0.03	<0.02	56.9	0.6	53	12.40
R607187		1.10	0.01	1.245	0.54	3.81	>10000	1280	0.77	0.23	0.03	0.11	55.6	0.5	59	13.40
R607188		1.29	0.04		0.95	4.66	5190	1430	1.00	0.20	0.08	0.04	58.4	0.5	69	20.9

***** 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: 4-AUG-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15106898

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-MS42	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	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1
R607149		10.2	0.87	14.85	0.23	3.2	4.33	0.051	1.76	40.8	12.6	0.30	17	8.81	0.03	18.6
R607150		17.2	0.94	18.70	0.21	3.1	1.605	0.065	2.07	40.9	12.5	0.35	14	6.29	0.03	17.7
R607151		16.3	1.02	16.65	0.20	3.0	1.075	0.077	1.62	40.2	13.1	0.26	13	8.94	0.03	17.7
R607152		20.5	4.01	17.25	0.16	2.8	1.155	0.073	1.87	41.0	12.5	0.26	14	23.7	0.03	15.9
R607153		69.2	12.45	18.00	0.13	2.4	2.80	0.075	2.12	40.4	12.0	0.30	99	60.2	0.03	11.9
R607154		31.9	3.25	5.60	0.07	1.0	2.05	0.023	0.65	13.5	5.3	0.23	330	13.70	0.01	4.0
R607155		11.6	1.18	2.64	0.07	0.5	0.955	0.014	0.30	10.2	2.4	0.19	192	5.77	0.01	2.2
R607156		20.3	1.42	2.82	0.08	0.5	0.540	0.014	0.32	11.5	2.4	0.19	127	5.90	0.01	2.5
R607157		85.8	3.32	8.93	0.10	1.5	0.611	0.035	0.90	23.2	8.5	0.21	115	7.28	0.02	8.2
R607158		40.9	2.21	19.20	0.20	3.1	0.377	0.070	2.09	42.1	16.4	0.38	24	7.40	0.04	17.8
R607159		108.5	2.57	20.7	0.18	3.1	0.431	0.049	2.02	43.1	14.5	0.35	15	8.90	0.03	17.9
R607160		17.1	1.21	14.95	0.17	3.1	1.870	0.077	1.87	40.3	11.9	0.30	15	7.24	0.03	18.6
R607161		24.0	1.03	18.60	0.19	3.2	3.44	0.066	1.98	43.4	13.7	0.34	18	7.58	0.03	19.0
R607162		16.8	1.38	21.2	0.20	3.1	0.591	0.050	1.90	40.2	14.4	0.35	15	8.23	0.03	17.8
R607163		18.2	1.68	17.60	0.18	3.0	0.498	0.059	1.83	38.1	14.7	0.31	17	6.24	0.03	18.0
R607164		26.5	1.36	18.05	0.19	3.1	0.421	0.089	1.78	38.3	17.5	0.30	18	8.96	0.03	19.4
R607165		25.7	1.18	18.20	0.20	3.2	0.503	0.065	2.00	40.7	14.4	0.36	19	8.14	0.03	19.5
R607166		28.8	1.25	18.10	0.19	3.3	0.468	0.054	1.92	40.9	15.8	0.34	16	6.88	0.04	21.0
R607167		22.0	1.50	18.40	0.19	3.2	0.425	0.083	1.91	41.0	14.8	0.32	16	7.10	0.04	18.9
R607168		22.9	1.36	17.35	0.17	3.2	0.439	0.053	1.82	41.8	13.3	0.32	16	6.68	0.04	20.0
R607169		26.6	2.91	18.30	0.17	3.0	0.616	0.069	1.90	40.4	12.4	0.31	17	10.95	0.04	18.2
R607170		42.4	3.85	12.15	0.12	2.1	0.695	0.049	1.34	29.4	9.6	0.27	46	10.75	0.03	12.8
R607171		42.3	2.37	7.90	0.11	1.5	0.408	0.028	0.91	21.3	10.0	0.21	148	4.94	0.02	8.7
R607172		71.3	3.87	12.50	0.14	2.4	0.701	0.050	1.38	34.3	16.2	0.24	50	9.76	0.03	13.5
R607173		15.0	1.37	3.70	0.10	0.7	0.383	0.015	0.40	9.8	3.9	0.17	203	4.44	0.01	3.6
R607174		6.6	0.75	2.60	0.10	0.5	0.347	0.012	0.30	6.9	2.6	0.16	214	2.61	0.01	2.4
R607175		5.2	0.53	1.85	0.10	0.3	0.203	0.009	0.21	4.8	2.1	0.14	230	2.19	0.01	1.7
R607176		4.9	0.56	1.67	0.09	0.3	0.296	0.008	0.19	4.8	1.9	0.16	306	1.99	0.01	1.5
R607177		3.8	0.46	1.47	0.10	0.2	0.223	0.008	0.17	4.2	1.9	0.15	398	1.44	<0.01	1.3
R607178		4.2	0.60	1.51	0.09	0.3	0.318	0.006	0.17	4.2	1.6	0.13	379	1.85	<0.01	1.3
R607179		5.5	1.02	1.61	0.10	0.3	0.256	0.008	0.18	4.5	1.7	0.15	263	3.09	<0.01	1.3
R607180		3.6	0.52	1.12	0.09	0.2	0.148	0.006	0.13	3.3	1.5	0.12	222	1.56	<0.01	0.9
R607181		22.4	0.82	17.90	0.25	3.1	1.025	0.102	2.38	37.2	12.1	0.40	15	10.35	0.04	21.0
R607182		10.5	0.91	16.25	0.25	2.5	0.452	0.054	2.08	30.5	13.9	0.34	15	6.91	0.03	14.9
R607183		5.6	0.91	18.20	0.30	3.0	0.465	0.042	2.51	36.9	15.8	0.42	15	8.87	0.04	19.6
R607184		10.3	1.03	18.30	0.23	3.1	0.557	0.050	2.56	38.3	15.8	0.42	13	8.39	0.04	19.5
R607185		6.9	1.40	17.60	0.26	2.9	0.322	0.056	2.48	39.0	14.0	0.39	13	10.65	0.03	19.8
R607186		9.0	1.33	14.25	0.20	2.8	0.966	0.068	2.03	32.3	9.8	0.30	13	14.85	0.04	17.2
R607187		18.2	6.89	14.05	0.22	2.4	3.98	0.065	2.20	32.6	8.6	0.27	11	27.4	0.04	15.7
R607188		28.2	4.14	15.80	0.15	2.6	5.73	0.043	2.57	35.7	9.9	0.33	13	15.60	0.04	16.1

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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	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
R607149		14.4	830	18.7	86.0	0.008	0.27	7.09	9.8	6	1.9	147.5	1.23	0.11	14.4	0.368
R607150		15.9	540	17.9	106.0	0.005	0.24	5.84	9.9	4	2.0	90.6	1.17	0.10	10.9	0.389
R607151		13.8	1310	17.9	93.7	0.009	0.30	7.32	9.8	6	1.9	141.5	1.17	0.13	12.5	0.318
R607152		11.1	2020	22.6	99.9	0.013	1.03	9.14	8.3	6	1.9	133.0	1.06	0.16	13.3	0.311
R607153		27.7	2150	33.0	97.6	0.007	1.01	15.40	9.2	8	1.9	129.5	0.80	0.24	14.6	0.294
R607154		29.4	650	117.0	29.1	0.003	0.11	5.49	6.1	2	0.7	141.0	0.28	<0.05	3.8	0.097
R607155		8.7	330	38.2	14.8	0.004	0.08	2.73	2.6	2	0.4	271	0.14	<0.05	1.9	0.048
R607156		12.9	440	16.0	15.7	0.003	0.10	2.44	2.2	2	0.3	297	0.16	<0.05	1.9	0.054
R607157		34.8	710	15.6	42.6	0.003	0.13	4.32	5.7	2	0.9	141.0	0.54	<0.05	5.9	0.173
R607158		20.2	890	17.5	100.5	0.009	0.51	4.41	8.9	5	2.0	81.0	1.20	0.08	10.3	0.378
R607159		16.0	600	20.8	95.3	0.023	0.85	6.73	6.9	7	2.0	126.5	1.19	0.12	9.6	0.371
R607160		16.3	920	17.7	88.4	0.007	0.45	7.27	8.2	6	1.9	96.0	1.22	0.08	13.5	0.367
R607161		15.9	850	20.5	98.5	0.006	0.31	7.70	8.6	5	2.2	103.5	1.25	0.12	12.5	0.384
R607162		15.1	670	22.1	89.5	0.006	0.40	5.93	7.2	5	2.0	97.4	1.17	0.09	10.4	0.380
R607163		14.6	1370	17.7	86.4	0.008	0.48	6.36	7.4	4	1.9	112.0	1.18	0.07	11.4	0.365
R607164		15.1	1510	18.9	83.1	0.006	0.41	7.93	9.6	6	1.9	88.8	1.26	0.08	11.6	0.365
R607165		15.4	1330	19.3	95.0	0.007	0.33	7.24	8.4	6	2.1	80.2	1.28	0.08	11.4	0.396
R607166		15.6	980	20.5	92.3	0.009	0.44	7.12	8.1	5	2.1	83.5	1.37	0.08	10.1	0.408
R607167		16.9	1170	18.9	90.8	0.006	0.54	5.26	9.7	3	2.1	70.8	1.28	0.10	10.7	0.397
R607168		16.7	1350	18.6	88.4	0.007	0.43	5.31	9.0	4	2.1	66.7	1.32	0.11	9.6	0.397
R607169		13.7	1130	20.6	89.6	0.006	0.76	6.43	7.7	5	2.0	83.5	1.20	0.10	9.9	0.371
R607170		19.4	1050	17.4	63.4	0.006	0.63	6.84	6.1	3	1.3	174.5	0.83	0.07	7.6	0.250
R607171		60.8	880	9.4	42.0	<0.002	0.72	4.00	5.8	1	0.9	154.5	0.57	<0.05	5.2	0.177
R607172		83.2	1260	18.1	62.7	<0.002	0.41	6.68	6.5	3	1.4	180.0	0.90	0.09	8.2	0.275
R607173		29.8	580	18.2	19.5	<0.002	0.19	3.36	5.2	1	0.4	116.5	0.23	<0.05	2.3	0.073
R607174		13.7	250	10.0	14.5	<0.002	0.08	1.77	3.9	1	0.3	101.5	0.16	<0.05	1.8	0.054
R607175		9.3	330	9.9	10.2	<0.002	0.04	1.57	2.3	1	0.2	117.5	0.11	<0.05	1.2	0.036
R607176		10.2	230	8.3	9.3	<0.002	0.05	1.52	3.0	1	0.2	67.7	0.10	<0.05	1.1	0.033
R607177		10.0	290	6.3	7.9	<0.002	0.03	1.19	3.5	1	0.2	50.3	0.08	<0.05	1.0	0.028
R607178		11.1	280	7.1	7.9	<0.002	0.04	1.51	4.1	1	0.2	46.0	0.09	<0.05	1.0	0.029
R607179		23.0	430	13.1	8.4	<0.002	0.03	2.65	3.4	1	0.2	66.0	0.09	<0.05	1.0	0.030
R607180		11.2	210	8.0	6.0	<0.002	0.02	1.28	2.5	1	<0.2	80.8	0.07	<0.05	0.7	0.021
R607181		22.8	210	16.1	112.0	0.010	0.22	31.4	9.1	5	1.9	76.4	1.26	0.09	9.2	0.400
R607182		18.1	220	22.5	96.1	0.004	0.19	9.16	7.2	5	1.5	62.9	0.95	0.09	7.6	0.313
R607183		16.0	260	26.1	117.0	0.007	0.13	12.40	8.2	12	1.8	83.2	1.21	0.08	8.0	0.401
R607184		15.8	320	18.8	122.0	0.007	0.19	12.45	9.0	6	1.9	97.8	1.22	0.06	8.9	0.399
R607185		19.1	470	14.4	124.0	0.005	0.38	15.35	10.0	5	1.9	122.5	1.20	0.10	11.7	0.385
R607186		14.5	650	18.2	92.8	0.008	0.36	29.6	8.5	3	1.7	111.5	1.07	0.06	9.2	0.347
R607187		11.1	1230	17.9	97.2	0.009	1.11	53.5	7.6	7	1.6	94.3	0.98	0.10	7.7	0.324
R607188		9.4	1070	70.6	109.0	0.044	1.00	29.4	6.7	4	1.9	152.5	0.99	0.08	7.8	0.338

***** 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: 4-AUG-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15106898

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
R607149		3.07	5.2	318	5.0	15.7	8	116.0
R607150		3.31	5.1	314	5.3	15.6	8	114.5
R607151		4.94	5.2	277	5.5	17.1	8	109.5
R607152		10.35	6.1	300	4.8	15.4	8	103.5
R607153		13.85	8.3	464	6.7	20.3	1340	84.6
R607154		1.64	7.6	137	2.7	15.2	502	35.2
R607155		1.15	5.7	62	1.3	11.6	166	18.5
R607156		1.41	4.6	65	1.3	17.0	186	18.3
R607157		1.51	7.0	204	2.4	23.7	588	55.7
R607158		4.93	4.9	329	3.9	16.5	53	115.5
R607159		4.92	4.8	379	3.7	15.0	25	114.5
R607160		4.43	4.7	320	4.2	14.7	17	115.5
R607161		7.04	5.1	324	4.2	16.5	21	120.5
R607162		3.18	4.6	332	3.7	16.4	14	114.5
R607163		3.31	5.4	361	4.0	18.2	17	109.5
R607164		2.56	7.4	406	4.5	20.6	20	114.0
R607165		2.55	6.3	364	4.7	19.4	27	119.5
R607166		2.19	6.2	371	4.5	18.9	15	126.0
R607167		2.23	6.1	328	4.1	18.7	16	118.0
R607168		1.93	5.8	334	4.3	17.8	17	122.5
R607169		2.79	4.7	374	4.1	16.4	22	115.5
R607170		3.15	5.6	323	3.3	16.1	229	81.4
R607171		0.90	5.9	185	2.1	21.5	355	56.5
R607172		1.20	4.9	341	3.1	33.9	468	86.1
R607173		0.82	6.1	92	1.3	14.0	196	25.6
R607174		0.71	4.2	55	1.0	8.4	101	17.7
R607175		0.49	4.2	43	0.7	7.6	79	12.9
R607176		0.54	4.1	43	0.7	9.0	60	11.9
R607177		0.46	4.7	37	0.6	9.3	58	10.1
R607178		0.57	4.9	41	0.6	9.3	66	10.5
R607179		0.58	5.8	50	0.8	9.2	104	11.2
R607180		0.33	4.0	32	0.5	7.2	58	7.4
R607181		8.49	3.9	333	5.1	15.1	14	121.0
R607182		4.11	3.1	275	4.5	11.8	8	96.6
R607183		3.93	3.6	341	4.7	14.7	10	115.0
R607184		3.62	3.6	331	4.8	15.4	10	116.5
R607185		4.79	3.9	340	4.6	15.1	9	112.5
R607186		3.98	3.6	256	4.7	12.6	7	102.5
R607187		14.10	3.6	368	4.6	10.3	17	92.0
R607188		12.85	5.3	327	6.2	9.8	11	99.3

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

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 4-AUG-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15106898

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	As-OG62 As % 0.001	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
R607189		1.41	0.02		0.69	4.99	5700	2210	1.24	0.24	0.11	0.85	64.5	1.5	82	31.6
R607190		1.33	0.01		0.34	2.41	2330	1790	0.81	0.11	22.4	1.31	29.4	2.4	45	8.09
R607191		1.73	<0.01		0.12	0.87	885	430	0.54	0.04	33.8	2.21	9.22	3.0	14	2.29
R607192		1.53	<0.01		0.13	0.67	699	460	0.30	0.04	34.9	1.12	8.72	2.5	14	2.22
R607193		1.62	<0.01		0.14	0.78	521	560	0.32	0.04	33.3	0.74	10.25	1.5	14	2.49
R607194		1.36	<0.01		0.11	0.50	361	550	0.21	0.03	35.9	0.38	7.03	1.3	9	1.69
R607195		1.80	<0.01		0.09	0.40	511	2600	0.28	0.03	37.1	0.60	6.98	1.9	9	1.43
R607196		1.37	0.01		0.14	1.49	1575	8450	0.99	0.04	31.9	1.54	12.65	6.6	16	2.83
R607197		1.44	<0.01		0.08	0.30	292	430	0.16	0.03	37.1	0.78	4.66	1.7	6	0.98
R607198		1.38	<0.01		0.07	0.30	292	1190	0.16	0.02	37.3	0.47	4.95	1.2	7	1.06
R607199		1.14	<0.01		0.07	0.60	351	480	0.44	0.02	36.3	0.95	6.55	1.3	8	1.20
R607200		1.35	<0.01		0.06	0.79	585	6200	0.51	0.02	36.6	0.86	6.51	2.7	8	1.26
R607201		1.06	0.01		0.34	3.49	1875	2620	1.26	0.15	16.45	0.83	39.7	4.1	48	8.14
R607202		1.11	0.01		0.23	2.29	1335	1620	0.74	0.09	26.3	0.64	25.5	4.3	31	5.56
R607203		1.23	0.01		0.27	3.35	1580	1340	1.44	0.12	19.90	1.21	35.4	5.1	41	7.56
R607204		0.77	0.01		0.34	3.29	1820	2900	1.27	0.14	19.75	1.33	36.1	3.9	41	9.23
R607205		1.12	0.01		0.27	2.92	1280	2830	1.06	0.12	21.9	1.25	31.7	4.4	37	7.61
R607206		0.99	0.01		0.13	1.30	674	1510	0.51	0.05	30.8	0.79	15.65	2.7	17	5.88
R607207		1.40	0.01		0.21	2.04	1040	1910	0.88	0.09	25.8	0.85	24.0	4.0	28	14.20
R607208		1.43	0.01		0.19	2.08	964	1120	0.85	0.10	26.3	0.77	23.3	4.8	27	7.57
R607209		1.02	0.01		0.27	3.39	938	1300	1.38	0.15	19.20	0.98	35.3	7.7	43	11.10
R607210		0.89	0.01		0.57	6.10	2090	1660	3.00	0.22	2.52	2.58	57.9	4.3	80	16.50
R607211		0.84	0.01		0.55	5.59	1135	1710	1.54	0.32	0.79	0.21	65.4	7.5	88	18.20
R607212		1.07	0.03		0.50	5.87	1210	780	1.70	0.27	0.41	0.99	60.5	13.1	94	18.75
R607213		1.86	0.04		0.54	5.52	2270	590	1.54	0.24	0.32	2.09	57.6	9.4	91	18.70
R607214		1.67	0.03		0.53	5.99	2070	590	1.91	0.26	0.33	1.84	62.1	12.8	88	19.00
R607215		1.24	0.02		0.55	5.15	2330	1070	1.60	0.25	0.53	0.58	60.4	5.7	78	17.50
R607216		1.11	0.02		0.56	5.47	3190	2560	2.30	0.23	0.63	2.08	62.8	3.5	85	18.25
R607217		1.25	0.03		0.52	5.98	2320	1640	2.93	0.28	0.48	2.42	76.6	4.7	95	18.90
R607218		0.99	0.03		0.52	5.36	1875	1260	3.17	0.22	3.01	2.17	61.7	5.8	77	15.85
R607219		1.78	0.02		0.11	1.43	578	590	1.28	0.06	32.6	0.97	15.40	4.0	17	3.86
R607220		1.18	0.03		0.82	3.96	265	1200	1.24	0.18	11.05	1.58	50.2	8.4	61	6.21
R607221		1.29	0.63		0.46	0.90	238	550	0.45	0.05	33.8	6.84	12.65	3.0	16	3.30
R607222		0.96	2.32		1.00	2.64	270	1370	0.89	0.10	26.0	4.68	32.2	3.2	34	9.84
R607223		0.99	0.18		0.24	0.92	339	360	0.41	0.04	34.4	3.38	11.65	4.5	12	3.28
R607224		0.92	0.13		0.18	0.39	223	250	0.26	0.02	36.9	1.23	7.08	5.0	9	1.36
R607225		1.14	0.14		0.21	0.51	461	360	0.58	0.02	35.2	2.07	7.85	6.6	188	1.89
R607226		1.21	0.19		0.53	1.64	1530	1760	1.69	0.04	32.1	5.69	15.75	24.5	16	5.74
R607227		1.06	0.18		0.55	0.93	864	9190	1.12	0.04	34.2	5.26	11.75	14.8	12	5.02
R607228		1.08	0.15		0.40	0.68	666	6970	0.98	0.04	37.0	2.81	9.92	9.6	10	3.84

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Finalized Date: 4-AUG-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15106898

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-MS42	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	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1
R607189		60.9	6.35	17.90	0.16	2.5	6.01	0.065	2.44	36.7	11.8	0.35	15	18.55	0.05	16.3
R607190		39.2	3.75	8.83	0.14	1.2	1.145	0.033	1.02	18.0	5.4	0.25	80	7.30	0.02	7.1
R607191		18.1	2.10	2.31	0.06	0.3	0.419	0.011	0.26	6.1	1.6	0.15	115	2.57	0.01	1.7
R607192		11.1	1.70	2.28	0.05	0.3	0.478	0.012	0.26	6.0	1.2	0.18	96	2.34	0.01	1.9
R607193		9.4	1.15	2.54	<0.05	0.4	0.432	0.010	0.33	6.8	1.5	0.18	93	2.29	0.01	2.4
R607194		6.9	0.66	1.72	<0.05	0.3	0.411	0.008	0.21	4.9	1.1	0.18	70	1.54	0.01	1.6
R607195		7.2	1.01	1.35	<0.05	0.2	0.331	0.006	0.17	5.2	0.8	0.13	167	1.90	0.01	1.2
R607196		27.8	2.82	2.56	<0.05	0.4	0.357	0.011	0.35	8.4	2.3	0.12	225	4.45	<0.01	2.4
R607197		5.0	0.77	0.96	<0.05	0.2	0.257	<0.005	0.12	3.8	0.7	0.12	110	1.17	0.01	0.9
R607198		4.3	0.58	1.03	<0.05	0.2	0.286	<0.005	0.14	4.1	0.7	0.13	84	1.14	0.01	1.0
R607199		14.0	0.94	1.10	<0.05	0.2	0.315	<0.005	0.14	4.9	1.1	0.15	99	1.10	0.01	1.0
R607200		12.8	1.12	1.21	<0.05	0.2	0.404	0.006	0.16	4.9	1.6	0.12	131	1.44	<0.01	1.1
R607201		45.4	3.17	9.49	0.06	1.6	0.653	0.035	1.48	22.9	8.6	0.27	76	6.77	0.03	9.9
R607202		26.2	1.87	5.99	<0.05	1.1	0.652	0.020	0.96	15.7	4.5	0.46	115	4.93	0.02	6.4
R607203		54.1	2.16	8.56	0.10	1.5	2.12	0.026	1.32	20.8	7.2	0.24	123	6.55	0.02	9.1
R607204		47.4	2.05	8.85	0.10	1.5	1.205	0.030	1.34	21.6	6.7	0.26	69	5.49	0.02	9.4
R607205		38.2	1.98	7.74	0.08	1.3	1.475	0.026	1.19	18.6	5.4	0.23	95	5.37	0.01	8.2
R607206		16.3	1.03	3.54	0.05	0.7	0.379	0.012	0.54	9.7	2.7	0.16	113	2.72	0.02	3.8
R607207		26.0	1.61	5.80	0.09	1.0	0.672	0.023	0.86	14.1	5.1	0.19	182	3.68	0.02	6.0
R607208		24.6	1.62	5.64	0.07	1.0	0.374	0.019	0.86	14.0	4.8	0.19	197	3.21	0.02	5.9
R607209		41.2	1.97	9.05	0.10	1.5	0.577	0.031	1.36	20.6	9.5	0.27	187	3.45	0.03	8.8
R607210		103.5	3.66	14.75	0.12	2.4	0.747	0.049	2.23	32.5	16.4	0.38	24	6.12	0.04	15.2
R607211		51.2	2.29	17.65	0.15	2.9	0.483	0.039	2.57	37.4	14.1	0.46	20	6.61	0.05	19.0
R607212		74.7	2.74	17.70	0.13	2.9	0.817	0.060	2.59	33.2	13.9	0.43	26	6.05	0.04	18.3
R607213		69.2	3.80	15.85	0.13	2.7	1.145	0.055	2.45	29.0	13.0	0.38	24	7.49	0.03	17.2
R607214		74.8	3.37	17.60	0.11	2.9	1.030	0.064	2.61	32.8	13.9	0.42	26	6.89	0.04	17.9
R607215		112.5	2.39	15.60	0.11	2.6	0.910	0.048	2.39	33.8	12.0	0.37	18	6.36	0.04	17.1
R607216		65.2	5.29	16.25	0.12	2.5	1.080	0.059	2.48	34.9	12.7	0.39	26	7.41	0.05	16.4
R607217		111.0	4.25	18.45	0.18	2.9	0.659	0.074	2.56	41.6	17.1	0.40	32	8.09	0.04	18.0
R607218		114.5	3.65	14.95	0.15	2.5	1.370	0.053	2.12	36.1	15.1	0.33	49	6.99	0.03	15.4
R607219		24.6	1.22	3.11	0.12	0.6	0.335	0.015	0.42	9.7	3.7	0.17	177	2.04	0.03	3.1
R607220		39.8	2.97	11.40	0.15	1.9	2.42	0.039	1.36	29.7	21.8	3.00	543	4.15	0.22	9.9
R607221		8.4	0.71	2.73	0.12	0.4	1.150	0.010	0.32	9.7	4.8	0.37	366	1.70	0.02	1.9
R607222		12.4	0.75	7.45	0.17	1.1	1.820	0.021	1.00	20.7	10.4	0.36	274	1.05	0.04	6.3
R607223		12.3	0.84	2.36	0.12	0.4	1.490	0.009	0.29	9.6	5.5	0.21	290	0.78	0.02	1.5
R607224		6.8	0.66	1.13	0.11	0.2	1.380	<0.005	0.14	7.3	2.3	0.17	207	0.63	0.01	0.8
R607225		36.0	1.23	1.44	0.10	0.2	0.900	0.005	0.17	7.2	2.7	0.16	332	2.12	0.02	1.0
R607226		87.3	4.30	3.46	0.10	0.4	0.893	0.018	0.40	11.5	9.7	0.18	534	1.59	0.02	1.6
R607227		12.6	2.51	2.87	0.08	0.3	2.90	0.012	0.31	10.3	5.7	0.16	692	1.27	0.01	1.3
R607228		9.6	1.97	2.52	0.09	0.3	1.750	0.011	0.23	9.4	4.2	0.15	617	1.52	<0.01	1.0

***** 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: 4-AUG-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15106898

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
R607189		15.6	1500	30.1	111.0	0.012	0.61	25.0	7.8	6	1.8	238	1.00	0.11	12.4	0.328
R607190		25.9	1160	18.0	47.2	0.003	0.24	11.70	4.3	3	0.8	243	0.47	0.06	4.7	0.150
R607191		25.0	510	6.5	11.7	0.002	0.06	3.65	2.1	1	0.2	167.0	0.11	<0.05	1.2	0.038
R607192		18.5	450	5.9	12.3	0.002	0.06	3.05	1.3	1	0.2	215	0.11	<0.05	1.2	0.040
R607193		11.2	290	6.0	15.0	0.002	0.06	3.48	1.6	1	0.3	204	0.14	<0.05	1.4	0.050
R607194		7.5	190	5.9	10.1	<0.002	0.05	2.36	1.1	1	0.2	279	0.10	<0.05	0.9	0.032
R607195		10.4	330	5.0	7.9	<0.002	0.10	2.87	2.6	1	<0.2	133.5	0.08	<0.05	0.8	0.026
R607196		41.9	460	8.7	15.3	<0.002	0.23	9.29	4.0	2	0.3	81.4	0.16	<0.05	1.4	0.051
R607197		6.4	200	3.2	5.5	<0.002	0.04	1.63	1.1	1	<0.2	141.0	0.06	<0.05	0.5	0.018
R607198		4.5	160	2.8	6.2	0.002	0.06	1.67	0.8	1	<0.2	128.5	0.06	<0.05	0.6	0.021
R607199		8.4	290	2.9	6.5	<0.002	0.05	1.53	0.8	1	<0.2	108.0	0.06	<0.05	0.6	0.021
R607200		21.0	280	3.0	7.2	<0.002	0.19	1.95	1.0	1	<0.2	99.8	0.07	<0.05	0.7	0.024
R607201		42.4	660	12.0	62.7	<0.002	0.12	10.45	4.5	2	1.0	144.5	0.63	0.05	5.7	0.204
R607202		39.5	710	9.0	40.1	<0.002	0.06	8.71	3.4	2	0.7	137.0	0.42	<0.05	3.7	0.135
R607203		47.6	870	10.4	55.9	<0.002	0.05	11.30	4.5	3	0.9	106.5	0.60	0.06	5.0	0.187
R607204		33.3	840	10.4	58.0	<0.002	0.09	6.36	4.3	4	1.0	152.0	0.60	0.05	5.0	0.187
R607205		41.5	710	10.0	49.7	0.002	0.08	7.51	4.1	3	0.9	112.5	0.52	0.05	4.5	0.167
R607206		24.1	420	5.3	23.6	<0.002	0.06	4.15	2.5	1	0.4	116.5	0.24	<0.05	2.1	0.077
R607207		32.5	550	8.3	40.5	<0.002	0.06	3.88	4.6	2	0.6	97.4	0.38	<0.05	3.4	0.123
R607208		37.7	640	8.0	38.1	0.002	0.03	3.13	4.2	1	0.6	94.9	0.39	<0.05	3.4	0.121
R607209		38.6	710	9.2	61.2	<0.002	0.14	3.08	5.2	2	0.9	78.0	0.56	<0.05	5.2	0.189
R607210		56.7	1230	16.2	97.3	<0.002	1.35	4.61	7.6	4	1.6	113.5	0.98	0.07	8.3	0.318
R607211		32.3	480	17.3	115.5	0.006	1.29	4.95	8.0	5	1.9	73.8	1.22	0.11	9.1	0.390
R607212		74.4	780	15.5	118.0	0.004	2.56	4.12	8.2	4	1.8	95.3	1.13	0.12	9.5	0.368
R607213		80.1	1300	17.6	106.5	0.004	3.85	5.09	7.8	6	1.7	111.0	1.11	0.08	8.7	0.339
R607214		80.2	1100	16.4	118.0	0.004	3.28	4.47	8.3	5	1.9	96.0	1.16	0.11	9.1	0.364
R607215		28.9	1140	16.2	105.5	0.005	1.52	4.65	7.2	5	1.8	120.5	1.08	0.11	9.1	0.348
R607216		28.4	1160	17.8	109.0	0.003	0.61	5.18	7.4	4	1.7	175.5	1.05	0.09	9.8	0.336
R607217		40.4	1400	20.2	120.0	0.003	0.26	5.71	8.8	3	2.0	150.0	1.19	0.09	11.7	0.352
R607218		59.2	720	15.5	96.0	<0.002	0.90	6.36	7.1	4	1.6	152.0	1.01	0.09	9.1	0.297
R607219		31.8	380	4.6	20.4	<0.002	0.13	1.81	2.3	1	0.4	136.0	0.20	<0.05	2.0	0.064
R607220		38.1	990	30.7	68.4	<0.002	0.06	2.93	8.8	2	1.3	247	0.67	0.06	7.5	0.251
R607221		22.1	400	17.1	16.1	0.003	<0.01	0.88	2.7	1	0.3	178.5	0.13	<0.05	1.7	0.046
R607222		26.5	530	22.0	49.5	<0.002	0.01	0.85	4.7	1	0.9	229	0.41	<0.05	4.7	0.141
R607223		31.7	180	14.9	14.8	<0.002	0.01	0.67	2.3	1	0.3	178.0	0.10	<0.05	1.5	0.039
R607224		30.8	110	9.3	6.7	<0.002	0.01	0.55	1.3	1	<0.2	176.0	0.05	<0.05	0.7	0.020
R607225		98.1	510	18.1	8.4	<0.002	0.01	0.97	2.3	1	0.3	131.0	0.07	<0.05	0.9	0.025
R607226		247	2090	18.4	20.9	<0.002	0.04	1.06	5.9	1	0.4	106.5	0.12	<0.05	2.1	0.045
R607227		107.5	1310	10.9	15.9	<0.002	0.23	1.00	2.6	1	0.3	115.5	0.09	<0.05	1.5	0.035
R607228		73.5	1750	12.0	11.7	0.002	0.18	1.58	2.3	1	0.2	159.0	0.07	<0.05	1.1	0.027

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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: 4-AUG-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15106898

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
R607189		7.35	4.9	418	5.6	12.7	114	96.3
R607190		2.89	4.3	170	2.6	13.8	184	45.6
R607191		0.76	3.0	47	0.7	20.6	380	12.1
R607192		0.79	2.6	45	0.8	11.2	305	13.2
R607193		0.96	2.7	49	0.9	9.6	173	15.9
R607194		0.62	1.9	31	0.7	7.2	68	10.7
R607195		0.53	4.5	30	0.5	12.4	107	8.9
R607196		0.49	4.9	74	1.1	26.8	385	16.5
R607197		0.39	2.5	21	0.4	9.0	121	6.2
R607198		0.44	2.1	22	0.4	7.0	75	6.9
R607199		0.45	2.4	28	0.4	13.2	80	7.0
R607200		0.44	3.0	34	0.5	13.4	174	8.2
R607201		1.44	3.7	219	2.8	21.6	237	61.0
R607202		1.11	5.7	136	2.6	14.9	222	42.0
R607203		1.14	5.6	187	4.0	25.5	363	58.0
R607204		1.62	4.7	213	4.6	24.3	298	58.5
R607205		1.30	4.8	186	4.3	21.1	366	52.2
R607206		0.60	4.3	82	2.1	11.5	176	25.2
R607207		0.90	5.4	130	2.8	15.9	297	39.5
R607208		0.74	5.5	128	2.6	17.6	421	38.7
R607209		1.20	4.3	179	2.7	25.4	640	58.3
R607210		1.29	4.7	370	4.2	41.7	396	92.4
R607211		2.29	3.9	361	4.5	16.3	39	118.0
R607212		2.43	5.0	377	5.7	17.0	98	109.0
R607213		3.10	4.9	364	6.1	21.4	67	101.0
R607214		2.87	4.9	385	6.4	25.2	113	107.0
R607215		2.87	4.3	330	5.5	18.4	54	104.5
R607216		2.43	4.1	405	5.8	32.3	270	98.5
R607217		2.66	5.0	400	7.7	31.0	397	110.0
R607218		1.69	4.1	350	7.6	37.4	584	95.1
R607219		0.54	3.2	72	1.6	23.5	382	22.1
R607220		1.92	3.8	149	2.0	20.2	206	72.1
R607221		1.77	7.4	52	1.1	14.7	209	16.0
R607222		6.39	5.9	122	3.5	14.6	201	42.9
R607223		1.73	5.7	39	0.8	13.7	284	12.4
R607224		0.86	4.2	33	0.5	11.7	150	6.5
R607225		1.33	11.7	43	0.9	13.5	324	8.9
R607226		3.49	22.9	61	0.9	34.1	1610	15.6
R607227		3.01	14.5	40	1.0	16.6	813	13.2
R607228		2.30	16.5	35	1.2	16.1	537	10.9

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Finalized Date: 4-AUG-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15106898

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
R607229		0.91	0.11		0.34	0.42	867	9840	0.91	0.02	37.3	3.29	6.64	10.9	7	1.71
R607230		1.14	0.09		0.30	0.33	1005	2960	0.71	0.02	36.8	2.42	5.47	16.1	6	1.12
R607231		1.02	0.10		0.17	0.33	776	1330	0.62	0.02	37.4	2.18	4.54	15.4	4	0.83
R607232		1.15	0.43		0.70	0.54	2340	8770	1.52	0.03	34.2	7.46	8.26	19.7	9	3.08
R607233		1.21	0.23		1.08	0.49	4080	7440	0.99	0.04	29.2	5.14	6.51	16.4	8	2.27
R607234		1.35	0.03		0.13	0.28	699	930	0.42	0.02	28.2	3.18	3.54	5.1	4	0.88
R607235		1.03	0.04		0.18	0.31	322	840	0.43	0.02	34.6	3.69	3.99	4.5	5	1.22
R607236		1.01	0.04		0.28	0.64	282	730	0.61	0.03	33.0	2.20	7.81	1.9	8	1.82
R607237		0.74	0.05		0.24	0.41	205	450	0.74	0.03	39.6	3.58	6.57	1.3	4	1.17
R607238		1.03	0.19		0.60	1.33	305	1260	0.91	0.06	36.3	14.60	14.45	1.9	13	4.86
R607239		1.17	0.03		0.13	0.34	140.5	600	0.55	0.02	39.0	1.35	4.71	1.0	4	1.00
R607240		1.42	0.03		0.18	0.48	188.5	430	0.56	0.03	37.7	3.18	5.07	1.1	6	1.74
R607241		1.21	0.04		0.11	0.28	103.5	300	0.46	0.02	38.4	1.63	3.79	0.9	4	0.75
R607242		1.19	0.03		0.10	0.27	106.5	320	0.46	0.02	39.0	1.58	3.62	1.0	4	0.71
R607243		1.33	0.01		0.19	0.18	77.3	250	0.41	0.01	35.0	4.76	2.64	0.8	3	0.36
R607244		1.15	0.02		0.26	0.10	133.0	280	0.23	0.01	37.2	5.56	1.64	1.3	5	0.33
R607245		1.22	0.01		0.13	0.06	69.9	170	0.15	0.01	33.9	2.44	0.88	0.8	2	0.14
R607246		0.87	0.01		0.11	0.07	49.6	160	0.15	0.01	34.2	1.45	1.05	0.7	2	0.17
R607247		2.10	0.03		0.25	0.06	106.0	110	0.13	0.01	29.2	2.64	0.88	1.1	3	0.11
R607248		1.61	0.06		1.12	0.47	302	350	0.27	0.03	25.7	10.85	5.17	1.0	7	0.85
R607249		1.54	0.01		0.68	0.32	352	220	0.42	0.02	24.6	6.32	2.97	2.3	4	0.70
R607250		1.57	0.01		0.23	0.09	52.4	70	0.10	0.01	23.9	2.51	0.99	0.8	3	0.16
R607251		1.35	0.01		0.13	0.12	156.0	160	0.22	0.01	25.8	2.10	1.76	1.9	3	0.48
R607252		1.32	0.12		0.36	0.93	511	1160	0.59	0.04	27.6	1.84	10.15	1.4	14	1.77
R607253		1.10	0.03		0.09	0.37	141.0	310	0.31	0.01	35.1	0.74	5.01	0.9	5	0.92
R607254		1.63	0.01		0.03	0.13	406	130	0.20	0.01	36.9	0.29	2.59	0.5	3	0.26
R607255		1.37	0.01		0.13	1.05	444	630	0.69	0.04	33.9	2.42	12.20	2.3	12	2.99
R607256		1.36	0.01		0.05	0.37	154.0	240	0.31	0.02	35.5	1.21	5.04	1.6	5	0.82
R607257		1.35	0.01		0.07	0.34	310	500	0.31	0.01	37.0	1.57	4.47	1.0	5	0.75
R607258		1.22	0.01		0.08	0.86	662	520	0.57	0.03	28.7	1.08	10.10	1.9	10	1.97

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

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Finalized Date: 4-AUG-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15106898

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-MS42	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	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1
R607229		10.9	2.78	1.16	0.10	0.2	0.675	<0.005	0.11	6.2	2.2	0.13	529	1.47	<0.01	0.6
R607230		12.8	2.92	0.75	0.08	0.1	0.569	<0.005	0.06	6.6	1.4	0.11	570	1.45	0.01	0.4
R607231		14.2	2.24	0.66	0.08	0.1	0.474	0.005	0.05	4.9	1.3	0.10	616	1.12	0.01	0.3
R607232		37.8	3.93	2.45	0.08	0.2	1.375	0.013	0.12	7.8	2.0	0.13	568	14.75	<0.01	0.7
R607233		6.7	7.51	2.33	0.06	0.2	2.19	0.008	0.17	4.5	1.5	0.24	512	19.90	0.01	0.8
R607234		3.2	1.36	1.18	<0.05	0.1	1.225	<0.005	0.10	2.1	1.3	5.28	376	5.93	0.01	0.5
R607235		3.1	0.77	1.10	0.06	0.1	0.791	0.006	0.11	2.3	1.9	0.86	294	2.02	0.01	0.5
R607236		4.2	0.61	1.87	0.07	0.3	1.905	0.007	0.25	4.2	3.1	0.93	298	1.54	0.01	1.1
R607237		3.7	0.38	1.25	0.09	0.2	0.991	0.008	0.17	3.7	2.1	0.36	472	0.89	0.01	0.7
R607238		5.4	0.58	3.66	0.11	0.5	3.15	0.010	0.52	8.1	6.8	0.28	440	1.17	0.02	2.0
R607239		3.3	0.28	0.95	0.11	0.1	0.377	<0.005	0.14	2.7	1.7	0.25	260	0.64	0.01	0.5
R607240		5.0	0.42	1.29	0.10	0.2	0.536	0.005	0.21	2.8	2.6	0.16	128	1.05	0.01	0.8
R607241		2.6	0.24	0.76	0.11	0.1	0.486	<0.005	0.11	2.2	1.4	0.27	109	0.54	0.01	0.4
R607242		2.3	0.24	0.75	0.10	0.1	0.491	<0.005	0.11	2.1	1.4	0.24	112	0.51	0.01	0.4
R607243		1.8	0.15	0.53	0.14	0.1	2.10	<0.005	0.07	1.6	1.0	3.75	148	0.34	0.01	0.3
R607244		4.4	0.25	0.36	0.10	<0.1	1.760	<0.005	0.04	1.4	0.6	0.16	108	0.55	0.01	0.2
R607245		1.4	0.12	0.20	0.13	<0.1	1.380	<0.005	0.02	0.8	0.5	3.64	79	0.35	0.01	0.1
R607246		1.5	0.11	0.26	0.18	<0.1	0.390	<0.005	0.02	0.9	0.6	3.79	70	0.31	0.01	0.1
R607247		1.4	0.14	0.26	0.27	<0.1	1.250	<0.005	0.02	0.8	0.7	7.06	73	0.45	0.01	0.1
R607248		3.3	0.30	1.37	0.21	0.2	6.34	<0.005	0.19	3.0	2.0	9.90	85	0.78	0.01	0.8
R607249		6.9	0.69	0.70	0.16	0.1	3.61	0.005	0.08	1.6	1.8	9.86	116	0.85	0.01	0.3
R607250		2.2	0.11	0.30	0.25	<0.1	1.315	<0.005	0.03	0.6	0.7	10.95	65	0.48	0.01	0.1
R607251		2.0	0.45	0.41	0.21	<0.1	0.327	<0.005	0.04	1.0	0.9	9.22	153	0.77	0.01	0.2
R607252		8.1	0.80	2.52	0.18	0.5	0.611	<0.005	0.35	5.9	3.9	6.45	176	2.78	0.01	1.7
R607253		3.1	0.23	0.96	0.13	0.2	0.421	0.005	0.15	2.7	1.6	1.80	108	0.69	0.01	0.5
R607254		1.3	0.09	0.36	0.15	0.1	0.523	<0.005	0.06	1.6	0.8	0.68	46	0.34	<0.01	0.2
R607255		4.8	0.68	2.74	0.13	0.4	2.30	0.007	0.43	7.1	5.1	0.81	122	1.20	0.01	1.5
R607256		2.3	0.32	0.98	0.14	0.1	0.804	0.008	0.17	2.9	2.1	2.61	72	0.61	0.01	0.6
R607257		2.2	0.20	0.88	0.12	0.1	0.444	0.006	0.15	2.4	1.8	0.92	78	0.54	0.01	0.5
R607258		4.5	0.62	2.26	0.16	0.3	0.763	0.009	0.40	5.4	5.4	5.08	180	1.17	0.02	1.3

***** 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: 4-AUG-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15106898

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
R607229		98.0	620	9.0	5.7	<0.002	0.24	0.76	4.2	1	<0.2	144.5	0.05	<0.05	0.6	0.015
R607230		135.0	310	7.5	3.2	<0.002	0.07	0.37	3.6	1	<0.2	142.0	<0.05	<0.05	0.4	0.009
R607231		122.5	390	6.6	2.6	<0.002	0.03	0.37	3.2	1	<0.2	106.5	<0.05	<0.05	0.3	0.008
R607232		375	850	137.0	5.8	<0.002	0.22	30.4	4.3	4	0.3	186.5	0.05	<0.05	0.7	0.019
R607233		638	320	70.7	7.1	0.002	0.22	13.30	2.4	2	0.2	119.0	0.05	<0.05	0.8	0.022
R607234		128.5	130	7.3	4.3	0.003	0.02	3.15	1.0	1	<0.2	92.6	<0.05	<0.05	0.5	0.013
R607235		55.2	140	11.1	4.7	0.002	0.03	1.62	2.3	2	<0.2	129.5	<0.05	<0.05	0.5	0.013
R607236		44.6	150	19.1	10.1	0.002	0.04	2.48	2.3	1	0.2	124.0	0.07	<0.05	1.1	0.032
R607237		18.0	130	12.2	7.3	<0.002	0.05	1.35	2.3	1	0.2	99.0	0.05	<0.05	0.7	0.020
R607238		26.9	270	35.5	22.5	<0.002	0.05	2.17	4.0	1	0.5	162.0	0.15	<0.05	2.2	0.064
R607239		11.2	100	7.6	5.8	<0.002	0.03	1.38	1.0	1	<0.2	101.5	<0.05	<0.05	0.6	0.017
R607240		17.4	90	23.4	8.9	<0.002	0.01	2.75	1.2	3	0.2	125.5	0.05	<0.05	0.8	0.024
R607241		8.4	90	14.1	4.7	<0.002	0.01	1.10	0.8	3	<0.2	157.5	<0.05	<0.05	0.5	0.013
R607242		8.4	80	12.2	4.6	<0.002	0.02	0.88	0.9	2	<0.2	150.0	<0.05	<0.05	0.5	0.013
R607243		5.1	70	21.1	2.8	<0.002	0.02	1.47	0.6	2	<0.2	139.0	<0.05	<0.05	0.3	0.008
R607244		9.7	40	53.2	1.9	<0.002	0.03	3.27	0.9	1	<0.2	135.0	<0.05	<0.05	0.2	0.005
R607245		4.7	30	36.7	0.8	<0.002	0.01	2.02	0.3	1	<0.2	106.0	<0.05	<0.05	<0.2	<0.005
R607246		3.9	30	49.6	1.1	<0.002	0.01	2.39	0.9	1	<0.2	115.0	<0.05	<0.05	<0.2	<0.005
R607247		5.1	30	99.1	0.8	<0.002	<0.01	6.06	0.7	1	<0.2	108.0	<0.05	<0.05	<0.2	<0.005
R607248		7.9	170	320	7.6	<0.002	<0.01	22.5	2.9	1	0.3	198.5	0.06	<0.05	0.8	0.027
R607249		16.3	100	285	3.6	<0.002	<0.01	8.18	3.2	1	0.2	156.0	<0.05	<0.05	0.4	0.010
R607250		5.9	40	64.6	1.2	<0.002	<0.01	1.83	1.1	1	<0.2	122.0	<0.05	<0.05	<0.2	<0.005
R607251		10.9	60	18.1	1.9	<0.002	<0.01	1.72	0.9	1	<0.2	104.5	<0.05	<0.05	0.2	0.005
R607252		21.8	570	30.9	13.5	<0.002	<0.01	23.3	2.8	3	0.3	297	0.12	<0.05	1.9	0.054
R607253		8.7	150	5.3	6.3	<0.002	0.02	1.39	1.2	1	0.2	241	<0.05	<0.05	0.6	0.017
R607254		2.7	60	3.3	2.4	<0.002	0.05	2.14	0.6	1	<0.2	190.0	<0.05	<0.05	0.2	0.006
R607255		24.0	230	17.0	17.7	0.002	0.04	5.11	2.7	2	0.4	228	0.10	<0.05	1.6	0.047
R607256		11.5	150	8.5	6.7	0.003	0.13	1.53	0.9	2	0.2	156.5	<0.05	<0.05	0.6	0.018
R607257		6.0	180	6.5	6.0	<0.002	0.11	2.58	1.6	1	0.2	190.0	<0.05	<0.05	0.6	0.017
R607258		16.5	340	11.6	16.5	<0.002	0.02	18.25	2.3	2	0.3	268	0.09	<0.05	1.5	0.043

***** 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: 4-AUG-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15106898

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
R607229		1.09	9.8	29	0.7	20.3	711	6.5
R607230		0.80	7.3	27	0.4	26.5	1200	3.9
R607231		0.64	7.6	24	0.4	22.5	917	3.6
R607232		2.59	10.1	65	2.2	28.5	1500	9.7
R607233		3.81	5.8	96	1.7	13.4	1640	10.4
R607234		1.41	2.8	21	0.6	6.5	327	5.4
R607235		1.60	2.6	23	0.5	9.2	220	5.5
R607236		1.21	4.0	21	1.1	8.6	216	10.3
R607237		1.50	5.8	21	0.7	10.8	283	7.4
R607238		1.52	7.9	32	2.1	14.3	661	17.7
R607239		0.81	2.2	13	0.6	6.8	104	5.1
R607240		0.34	1.2	16	0.9	5.3	227	6.3
R607241		0.23	1.1	9	0.6	4.3	126	3.8
R607242		0.26	1.1	9	0.5	4.4	121	3.7
R607243		0.20	0.6	10	0.4	9.6	611	2.9
R607244		0.49	1.2	11	0.3	6.0	546	2.0
R607245		0.29	0.8	6	0.1	3.6	208	1.0
R607246		0.16	0.6	7	0.1	3.7	109	1.3
R607247		0.31	0.4	6	0.1	3.8	176	1.2
R607248		0.58	1.1	13	0.9	6.1	954	8.1
R607249		0.31	1.1	16	0.3	9.3	543	4.1
R607250		0.12	0.6	6	0.1	4.3	290	1.8
R607251		0.42	1.3	7	0.2	4.5	191	2.2
R607252		0.79	3.5	31	2.1	6.0	345	15.8
R607253		0.54	1.1	11	0.5	5.6	102	5.2
R607254		0.56	0.6	5	0.3	3.6	43	2.3
R607255		1.21	1.9	21	1.6	12.2	370	13.2
R607256		0.95	0.8	8	0.4	5.4	120	5.4
R607257		0.94	1.6	11	0.6	6.7	72	5.4
R607258		0.91	2.1	27	1.3	8.8	227	11.9

***** 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

Project: NADALEEN

Finalized Date: 4-AUG-2015
Account: RCM

CERTIFICATE OF ANALYSIS WH15106898

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.

BAG-06	CRU-31	LOG-21	PUL-31
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-MS42	ME-MS61
ME-OG62			

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

Finalized Date: 10-AUG-2015
Account: RCM

CERTIFICATE WH15107993

Project: NADALEEN

P.O. No.: NA-15-009

This report is for 94 Rock samples submitted to our lab in Whitehorse, YT, Canada on 24-JUL-2015.

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
BAG-06	Double Bagging Coarse Rejects
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

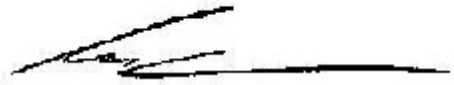
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	
Hg-MS42	Trace Hg by ICPMS	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: 10-AUG-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15107993

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
R607374		2.60	0.92	1.73	5.50	4630	820	1.76	0.25	1.05	1.16	62.9	10.8	92	13.40	97.1
R607375		2.12	2.91	0.95	5.84	6360	670	1.84	0.26	1.04	1.21	66.6	10.9	92	14.95	90.6
R607376		1.77	5.68	0.85	5.25	6190	430	1.64	0.23	1.35	0.81	60.4	10.2	81	12.35	86.4
R607377		1.86	5.90	0.89	5.22	5010	380	1.53	0.24	1.41	1.23	59.2	10.3	79	14.20	87.3
R607378		1.73	4.96	0.89	5.07	3500	300	1.57	0.25	1.42	1.63	56.8	10.1	74	13.50	96.2
R607379		1.83	2.47	0.82	5.35	2160	340	1.59	0.26	1.40	1.63	57.7	9.9	78	14.60	98.1
R607380		1.85	1.89	0.80	5.54	2530	400	1.70	0.26	1.39	1.74	59.9	10.0	82	13.50	94.0
R607381		1.94	2.56	0.74	5.18	2810	380	1.58	0.25	1.34	1.55	58.8	10.1	80	12.40	88.0
R607382		2.26	0.13	2.69	3.85	293	2790	1.46	0.15	3.42	6.91	40.0	3.9	159	11.55	65.4
R607383		2.03	0.04	4.15	4.22	243	1750	1.13	0.20	0.23	0.79	65.1	0.6	100	12.35	13.6
R607384		1.75	0.02	2.58	3.77	858	1790	1.03	0.19	0.18	0.63	63.7	0.6	86	10.45	12.7
R607385		2.35	0.02	2.70	3.21	382	1290	0.80	0.24	0.15	0.33	70.7	0.4	71	9.25	16.2
R607386		2.11	0.01	2.23	3.70	1200	1230	1.01	0.18	0.14	0.19	61.0	0.4	94	14.20	17.7
R607387		1.82	0.03	3.39	4.18	647	1440	1.16	0.20	0.14	0.23	61.0	0.4	103	14.10	20.2
R607388		2.80	0.02	2.75	4.32	1160	1350	1.23	0.18	0.19	0.37	59.2	0.4	119	17.75	24.9
R607389		2.33	0.02	2.62	4.25	2870	1340	2.45	0.16	0.23	4.58	52.5	4.7	150	17.55	167.0
R607390		1.20	0.04	2.27	3.34	5180	1460	3.47	0.11	0.37	13.65	36.0	18.8	169	9.72	440
R607391		0.76	0.05	1.94	3.14	7040	1260	3.09	0.10	0.43	20.2	31.7	28.2	200	10.20	593
R607392		2.03	0.11	3.62	4.70	1585	1920	4.90	0.12	6.17	21.7	40.9	12.4	149	7.38	561
R607393		3.46	0.14	2.50	3.07	1130	3160	2.34	0.09	18.50	23.7	27.5	9.4	94	6.33	207
R607394		2.60	0.24	2.48	7.11	1660	2380	6.42	0.11	9.83	29.3	36.5	22.1	107	8.33	553
R607395		1.89	0.09	1.42	4.72	838	2700	4.26	0.06	21.4	29.8	20.8	18.3	51	4.44	349
R607396		1.81	0.09	1.02	2.38	561	1640	2.55	0.03	28.7	25.6	11.95	13.3	31	2.56	183.0
R607397		2.84	0.06	2.61	2.58	857	1350	1.63	0.09	17.90	12.20	30.3	7.8	96	4.85	89.3
R607398		2.53	0.06	2.24	1.93	795	1500	0.98	0.07	23.1	7.76	23.0	5.8	78	3.41	45.7
R607399		2.87	0.08	1.58	1.36	500	810	0.74	0.04	27.9	5.53	15.75	3.9	46	2.33	27.9
R607400		2.62	0.17	0.39	0.42	183.0	270	0.45	0.02	35.5	2.61	4.12	1.9	19	0.78	14.7
R607401		3.23	0.03	0.34	0.37	205	270	0.38	0.02	36.1	2.50	4.10	1.6	15	1.01	9.6
R607402		3.49	0.05	0.26	0.25	101.5	180	0.30	0.01	36.6	1.95	2.47	1.1	11	0.44	5.8
R607403		3.91	0.06	0.34	0.28	86.5	190	0.33	0.02	35.8	1.32	2.36	1.3	9	0.50	5.2
R607404		3.16	0.74	0.36	0.37	148.5	210	0.36	0.02	35.3	2.63	3.83	1.5	7	0.80	4.4
R607405		2.92	0.62	0.17	0.26	158.0	120	0.37	0.01	36.5	2.11	2.14	1.8	6	0.63	4.8
R607406		2.86	3.42	0.44	0.23	975	110	0.24	0.01	33.2	3.82	3.74	1.8	5	0.46	5.0
R607407		2.45	1.31	0.43	0.17	568	210	0.29	0.01	33.2	5.63	2.18	2.2	6	0.35	7.9
R607408		2.94	0.04	0.19	0.06	97.5	190	0.30	0.01	36.9	1.33	1.37	1.0	6	0.13	3.1
R607409		3.04	0.01	0.09	0.05	39.3	120	0.17	0.01	36.4	0.59	1.56	0.6	3	0.09	2.0
R607410		2.90	0.01	0.09	0.06	44.0	130	0.12	0.01	37.6	0.52	1.52	0.6	3	0.11	2.3
R607411		3.05	0.01	1.42	0.05	58.2	120	0.16	0.01	36.9	0.75	1.56	0.5	3	0.12	10.3
R607412		2.40	0.04	0.22	0.07	254	90	0.28	0.01	36.3	4.88	1.49	5.9	3	0.13	11.3
R607413		2.91	0.01	0.12	0.06	120.5	110	0.22	<0.01	37.0	2.13	1.36	3.3	2	0.10	7.0

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

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15107993

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-MS42	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	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
R607374		2.65	15.95	0.17	2.5	5.08	0.055	2.51	34.6	9.6	0.72	186	4.93	0.02	16.8	67.3
R607375		2.84	16.85	0.20	2.6	7.40	0.056	2.66	36.1	9.6	0.75	152	4.33	0.02	17.7	68.5
R607376		3.13	15.00	0.19	2.2	9.24	0.044	2.39	32.1	8.9	0.84	152	4.59	0.02	16.0	68.5
R607377		3.45	14.65	0.18	2.2	10.75	0.045	2.36	31.1	9.1	0.86	166	4.35	0.02	15.8	67.3
R607378		3.81	14.35	0.17	2.1	10.50	0.054	2.31	30.4	9.6	0.86	174	4.31	0.02	15.3	65.5
R607379		3.31	14.85	0.15	2.2	8.35	0.056	2.38	31.3	10.9	0.86	186	4.06	0.02	16.0	63.3
R607380		3.13	15.25	0.17	2.4	8.02	0.058	2.47	32.6	10.7	0.87	196	4.08	0.02	16.4	62.5
R607381		3.65	14.50	0.16	2.2	7.34	0.050	2.35	31.2	9.7	0.81	200	3.99	0.02	15.7	59.9
R607382		2.50	10.35	0.18	1.7	1.655	0.042	1.33	29.4	16.1	0.30	76	15.10	0.04	8.1	85.3
R607383		1.32	13.15	0.20	2.8	5.75	0.035	1.87	41.9	10.6	0.22	17	11.30	0.02	19.4	15.6
R607384		1.31	11.75	0.20	2.7	6.90	0.035	1.68	43.1	9.7	0.23	13	11.65	0.02	18.4	14.9
R607385		1.17	10.20	0.25	3.1	14.50	0.033	1.44	46.4	7.2	0.19	13	21.1	0.02	21.0	15.4
R607386		2.35	12.35	0.18	2.6	4.82	0.061	1.79	39.8	9.2	0.23	9	13.20	0.02	17.8	12.6
R607387		2.84	14.15	0.22	2.6	5.33	0.068	2.05	38.3	10.1	0.23	14	13.30	0.02	17.4	12.0
R607388		3.24	15.10	0.19	2.5	5.11	0.041	2.01	37.2	10.3	0.26	12	19.35	0.03	16.7	11.4
R607389		8.84	15.45	0.18	1.9	2.04	0.083	1.74	32.3	10.9	0.22	62	42.5	0.02	13.8	112.5
R607390		20.8	12.95	0.18	1.3	2.29	0.101	1.15	24.2	8.5	0.15	169	61.0	0.01	7.8	307
R607391		24.2	16.70	0.17	1.3	1.755	0.140	1.09	21.0	7.3	0.14	326	71.0	0.01	6.4	399
R607392		6.01	9.92	0.15	1.6	3.38	0.053	1.19	28.9	11.2	0.17	122	36.5	0.01	9.9	388
R607393		4.07	6.66	0.11	1.1	2.90	0.034	0.87	19.8	6.9	0.15	259	21.2	0.01	6.1	292
R607394		6.64	9.21	0.14	1.6	2.27	0.055	1.19	25.4	16.9	0.16	220	35.5	<0.01	9.0	939
R607395		4.36	4.88	0.09	0.9	1.375	0.029	0.64	14.6	9.2	0.13	318	18.05	0.01	4.7	641
R607396		3.08	2.82	0.09	0.5	1.220	0.017	0.40	8.4	4.2	0.13	385	13.90	<0.01	2.4	365
R607397		3.00	6.96	0.12	1.2	2.77	0.027	0.92	21.4	6.3	0.16	217	24.5	0.01	6.9	203
R607398		2.22	5.47	0.11	0.9	3.66	0.025	0.70	17.0	4.8	0.13	256	20.1	<0.01	5.0	141.0
R607399		1.35	3.73	0.11	0.7	4.04	0.014	0.50	11.2	2.9	0.11	271	13.15	<0.01	3.3	80.6
R607400		0.52	1.11	<0.05	0.2	5.21	0.008	0.15	3.0	1.3	0.13	359	5.08	<0.01	0.9	35.1
R607401		0.47	1.01	<0.05	0.2	1.705	<0.005	0.14	3.0	1.2	0.15	228	5.20	<0.01	0.8	30.4
R607402		0.28	0.67	<0.05	0.1	1.495	<0.005	0.09	1.9	0.9	0.14	287	3.08	<0.01	0.5	17.8
R607403		0.23	0.75	<0.05	0.1	2.57	<0.005	0.11	1.8	0.8	0.11	193	3.64	<0.01	0.6	14.6
R607404		0.33	1.03	<0.05	0.2	5.27	0.005	0.15	2.4	1.1	0.14	346	2.16	<0.01	0.7	24.9
R607405		0.38	0.62	<0.05	0.1	16.15	0.005	0.09	1.4	1.3	0.13	400	1.08	<0.01	0.4	38.5
R607406		0.58	0.59	<0.05	0.1	26.8	0.005	0.08	3.7	5.0	0.09	381	2.33	<0.01	0.4	34.3
R607407		0.52	0.44	<0.05	0.1	12.20	0.005	0.05	2.8	2.5	0.15	217	1.48	<0.01	0.2	36.4
R607408		0.25	0.22	<0.05	<0.1	2.09	<0.005	0.02	2.2	0.5	0.38	129	1.35	<0.01	0.1	16.1
R607409		0.10	0.16	<0.05	<0.1	0.677	<0.005	0.01	2.9	0.5	0.83	95	0.59	<0.01	0.1	8.5
R607410		0.08	0.19	<0.05	<0.1	1.055	<0.005	0.02	2.7	0.5	0.76	70	1.18	<0.01	0.1	8.2
R607411		0.08	0.20	<0.05	<0.1	1.260	<0.005	0.02	2.9	0.6	0.36	64	1.45	<0.01	0.1	9.5
R607412		0.87	0.17	<0.05	<0.1	1.190	<0.005	0.02	2.7	0.5	0.58	156	1.75	<0.01	0.1	90.1
R607413		0.44	0.15	<0.05	<0.1	0.765	<0.005	0.01	2.6	0.5	0.44	69	1.38	<0.01	0.1	44.7

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1016-510 W HASTINGS ST
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Finalized Date: 10-AUG-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15107993

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
R607374		840	19.6	119.0	0.005	1.71	4.22	12.4	6	1.8	129.0	0.93	0.11	9.5	0.350	6.53
R607375		890	16.2	127.0	0.004	2.09	3.61	13.2	6	2.1	135.0	0.99	0.11	10.0	0.363	16.60
R607376		980	13.2	112.0	0.005	2.46	3.81	12.5	6	2.0	135.5	0.90	0.12	8.8	0.328	21.4
R607377		930	12.7	108.0	0.005	2.85	3.74	12.1	5	2.0	140.0	0.88	0.11	8.9	0.326	23.5
R607378		880	13.4	108.0	0.004	3.42	3.95	12.5	6	2.0	139.5	0.85	0.09	8.4	0.316	20.4
R607379		910	14.3	109.5	0.004	2.69	3.55	12.5	6	1.9	155.5	0.89	0.11	8.4	0.333	12.40
R607380		930	14.1	113.5	0.005	2.42	3.80	13.0	6	1.9	153.0	0.91	0.11	9.4	0.347	11.15
R607381		880	12.4	109.5	0.004	3.00	3.81	11.9	5	1.8	137.0	0.85	0.11	8.5	0.328	13.95
R607382		2640	29.7	70.3	0.019	0.25	7.08	8.8	11	1.1	396	0.47	0.11	5.4	0.227	2.55
R607383		650	77.4	88.1	0.005	0.38	9.75	7.4	9	1.7	261	1.05	0.13	9.2	0.344	14.30
R607384		670	51.7	77.3	0.007	0.37	9.13	7.4	14	1.8	229	1.01	0.18	8.7	0.330	9.14
R607385		430	37.3	72.6	0.011	0.29	29.5	7.0	30	1.7	153.0	1.18	0.22	9.8	0.374	11.50
R607386		1490	48.2	90.0	0.012	0.67	15.25	17.5	11	1.7	260	0.95	0.24	9.0	0.322	11.90
R607387		1020	55.8	99.6	0.016	0.85	13.25	9.0	13	1.7	358	0.96	0.31	9.5	0.328	12.00
R607388		1300	48.7	97.0	0.006	0.69	12.80	7.6	9	1.6	489	0.93	0.22	9.1	0.310	13.55
R607389		2550	47.0	81.0	0.002	0.48	12.20	10.2	8	1.3	531	0.73	0.18	7.2	0.253	6.53
R607390		5220	51.8	51.7	0.002	0.36	15.30	13.5	11	1.0	421	0.47	0.14	4.9	0.167	4.64
R607391		6140	52.7	48.9	0.002	0.44	17.75	16.5	16	1.1	416	0.38	0.21	4.7	0.143	5.99
R607392		3300	106.0	56.3	0.003	0.14	14.80	9.5	12	1.1	399	0.53	0.12	5.0	0.192	2.18
R607393		1810	64.6	41.5	<0.002	0.20	8.69	6.9	7	0.8	279	0.37	0.10	3.6	0.134	2.62
R607394		2480	83.2	49.7	0.002	0.15	14.60	16.3	8	1.1	448	0.53	0.10	4.6	0.192	1.37
R607395		1280	46.3	29.1	0.002	0.12	8.35	8.9	5	0.6	232	0.31	0.05	2.5	0.102	0.66
R607396		870	31.4	18.0	<0.002	0.07	4.52	6.5	3	0.4	178.0	0.16	<0.05	1.5	0.058	0.57
R607397		1870	60.9	44.6	<0.002	0.02	7.38	5.5	7	0.9	231	0.42	0.07	3.8	0.150	0.71
R607398		1440	53.4	33.8	0.002	0.02	9.79	4.9	6	0.7	220	0.30	0.07	2.9	0.115	0.67
R607399		950	60.0	24.0	0.003	0.01	4.67	4.3	8	0.5	160.0	0.21	<0.05	2.1	0.079	0.50
R607400		310	19.2	5.9	0.003	0.02	1.42	2.3	2	0.2	168.5	0.06	<0.05	0.6	0.024	0.45
R607401		280	14.3	5.4	0.002	0.01	1.43	1.7	1	0.2	180.5	0.05	<0.05	0.6	0.021	0.23
R607402		240	17.3	3.5	<0.002	0.01	0.82	0.9	1	<0.2	205	<0.05	<0.05	0.4	0.013	0.16
R607403		250	18.6	4.1	0.002	0.01	0.82	1.0	1	0.2	149.0	<0.05	<0.05	0.4	0.015	0.25
R607404		460	17.1	5.5	0.003	0.03	0.92	1.5	2	0.2	247	<0.05	<0.05	0.6	0.020	1.81
R607405		150	9.8	3.3	<0.002	0.01	0.59	2.1	1	<0.2	198.0	<0.05	<0.05	0.3	0.011	0.37
R607406		150	20.0	3.0	<0.002	<0.01	1.21	1.1	1	0.2	298	<0.05	<0.05	0.3	0.010	0.59
R607407		210	39.8	1.8	0.003	0.01	1.71	1.3	1	0.2	388	<0.05	<0.05	0.2	0.006	0.28
R607408		180	30.9	0.8	0.003	0.03	2.58	0.5	1	<0.2	333	<0.05	<0.05	<0.2	<0.005	0.13
R607409		120	10.8	0.6	0.002	0.01	1.82	0.5	1	<0.2	333	<0.05	<0.05	<0.2	<0.005	0.09
R607410		160	6.3	0.8	0.009	0.01	1.21	0.2	1	<0.2	358	<0.05	<0.05	<0.2	<0.005	0.10
R607411		190	112.5	0.7	0.006	0.02	109.5	0.3	4	<0.2	394	<0.05	<0.05	<0.2	<0.005	0.52
R607412		140	15.7	0.7	0.003	0.01	2.22	0.4	1	<0.2	267	<0.05	<0.05	<0.2	<0.005	0.12
R607413		190	9.1	0.6	0.012	0.01	1.46	0.3	1	<0.2	286	<0.05	<0.05	<0.2	<0.005	0.08

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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
R607374		3.7	358	9.3	25.0	253	104.5
R607375		3.8	355	9.6	26.3	232	107.5
R607376		3.7	340	8.7	26.0	136	94.4
R607377		3.5	333	8.6	24.8	206	93.1
R607378		3.3	323	8.1	24.0	262	89.0
R607379		3.5	340	8.2	23.7	284	94.0
R607380		3.8	358	8.5	24.4	336	98.0
R607381		3.6	334	8.0	24.0	300	93.5
R607382		8.5	363	1.9	30.2	369	69.6
R607383		6.0	478	6.9	23.4	65	119.0
R607384		5.7	427	4.7	20.8	65	118.5
R607385		6.5	356	4.8	24.0	45	132.0
R607386		5.5	443	4.1	21.1	35	114.5
R607387		6.2	475	5.4	20.6	35	112.5
R607388		6.8	550	4.3	19.4	31	108.5
R607389		9.8	693	4.0	27.5	1020	85.9
R607390		17.3	992	3.5	41.5	2840	58.8
R607391		19.1	1160	3.1	52.7	3870	55.3
R607392		16.6	513	4.2	103.0	2050	67.3
R607393		11.5	337	3.0	63.5	1580	49.9
R607394		27.4	423	5.4	116.5	3450	67.1
R607395		18.7	217	3.3	88.7	2640	39.1
R607396		14.0	150	2.1	64.6	1740	23.1
R607397		7.6	352	2.5	41.2	1250	56.5
R607398		8.2	267	2.8	25.0	971	40.6
R607399		6.6	176	2.1	19.4	586	29.7
R607400		3.8	53	1.0	9.3	242	8.1
R607401		4.8	42	1.0	9.0	203	7.2
R607402		4.5	30	0.8	4.2	131	4.7
R607403		5.5	28	0.9	3.8	119	5.0
R607404		7.5	23	1.6	6.3	195	5.8
R607405		4.3	20	0.8	7.7	210	3.5
R607406		2.6	20	1.1	9.0	250	2.8
R607407		3.9	25	0.8	12.7	332	2.6
R607408		3.7	18	0.3	8.6	132	1.8
R607409		3.9	15	0.2	7.5	61	1.2
R607410		4.0	12	0.2	5.5	59	1.0
R607411		3.3	9	0.2	5.9	82	1.0
R607412		3.4	11	0.2	12.4	537	1.1
R607413		4.0	12	0.2	8.7	263	0.9

***** 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: 10-AUG-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15107993

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
R607414		2.95	0.01	0.16	0.14	102.5	180	0.20	0.01	37.7	2.22	2.05	1.2	3	0.30	9.4
R607415		2.49	0.01	0.14	0.17	126.0	130	0.28	0.01	36.8	2.97	2.62	2.2	4	0.37	10.8
R607416		2.79	0.01	0.13	0.43	170.0	160	0.40	0.01	36.4	4.61	3.83	3.3	6	0.72	20.8
R607417		2.44	0.02	0.05	0.07	86.5	110	0.14	0.01	35.4	0.54	2.85	1.1	3	0.13	3.2
R607418		2.90	<0.01	0.05	0.07	85.6	130	0.17	0.01	39.7	0.45	2.96	1.1	4	0.13	3.1
R607419		2.62	<0.01	0.03	0.05	35.7	100	0.12	0.01	35.6	0.43	2.24	0.6	3	0.08	2.1
R607420		2.72	<0.01	0.04	0.07	83.1	100	0.14	<0.01	34.5	1.85	2.87	1.3	3	0.12	3.3
R607421		2.80	<0.01	0.03	0.06	223	80	0.10	0.01	34.9	0.37	1.86	0.6	3	0.10	2.7
R607422		2.10	0.02	1.70	3.19	213	3580	1.05	0.12	12.35	3.73	30.1	3.0	119	9.32	42.7
R607423		2.40	0.03	3.70	4.50	246	2190	1.15	0.23	0.66	1.45	63.7	0.8	103	11.95	30.5
R607424		2.45	0.03	3.82	4.32	213	1500	1.06	0.22	0.72	0.80	60.5	0.7	102	15.40	19.2
R607425		2.26	0.03	3.96	4.39	375	1490	1.19	0.22	0.33	0.62	57.5	0.8	114	17.50	19.3
R607426		2.40	0.02	3.33	4.07	672	1250	1.03	0.17	0.33	1.15	54.4	0.5	110	12.75	18.8
R607427		2.76	0.03	2.79	4.19	1250	1400	1.27	0.20	0.45	1.45	54.8	0.7	119	15.25	80.6
R607428		2.33	0.16	4.11	3.59	4210	2440	2.34	0.15	0.76	9.69	37.7	7.5	207	16.55	443
R607429		2.52	0.04	0.64	4.12	598	7290	6.21	0.03	26.5	17.95	7.26	20.6	22	2.52	336
R607430		2.32	0.07	1.16	11.40	1350	7200	15.15	0.05	1.92	27.3	11.50	50.4	78	3.76	776
R607431		2.36	0.07	1.60	9.76	1645	5230	13.60	0.08	2.75	30.5	13.00	46.3	101	4.57	856
R607432		4.07	0.08	1.30	8.15	1210	4970	10.60	0.06	11.25	39.5	16.35	43.9	65	3.83	754
R607433		2.99	0.04	0.60	1.07	296	470	1.36	0.02	33.5	25.8	4.81	6.8	15	1.02	96.1
R607434		2.85	0.10	0.92	1.08	367	750	1.22	0.03	33.0	13.15	6.35	5.2	31	1.35	68.8
R607435		1.85	0.04	0.54	4.78	534	1600	4.52	0.04	24.6	24.2	11.30	20.4	33	3.57	245
R607436		1.74	0.02	0.36	1.38	251	3700	1.51	0.02	34.1	12.45	4.84	8.8	19	1.43	73.1
R607437		1.98	0.02	0.46	0.83	195.5	1660	0.91	<0.01	35.0	6.79	3.96	4.4	19	0.94	40.2
R607438		2.14	0.01	0.62	0.81	98.6	820	0.65	0.01	32.5	3.66	6.27	3.3	23	1.00	19.9
R607439		2.28	<0.01	0.36	0.40	91.0	440	0.43	<0.01	34.9	2.37	3.49	1.6	14	0.61	10.4
R607440		2.83	0.02	0.24	0.24	59.5	250	0.34	<0.01	37.5	2.82	1.96	1.6	11	0.30	6.8
R607441		2.80	1.59	0.33	0.53	48.0	930	0.31	<0.01	36.1	5.09	3.49	3.9	15	0.91	8.2
R607442		2.36	0.36	0.39	0.43	51.7	1270	0.34	<0.01	34.8	9.07	4.96	2.6	19	1.06	9.8
R607443		2.46	0.20	0.37	1.78	165.0	6840	1.51	0.02	32.9	14.40	8.67	9.8	21	3.58	65.9
R607444		2.59	0.23	0.41	0.84	496	3530	1.38	<0.01	31.6	6.92	4.04	15.0	15	1.03	98.3
R607445		2.93	0.08	0.18	0.42	202	1770	0.75	<0.01	35.0	3.01	4.40	6.0	7	0.55	39.3
R607446		2.69	0.05	0.92	0.28	126.0	920	0.51	<0.01	33.9	1.98	3.53	3.6	11	0.33	29.1
R607447		2.60	0.03	0.41	0.21	101.5	630	0.37	<0.01	34.8	2.16	3.68	2.4	5	0.28	17.2
R607448		2.80	0.02	0.22	0.15	68.2	440	0.27	<0.01	35.3	2.48	3.00	2.1	8	0.21	12.3
R607449		1.98	0.02	0.21	0.22	81.9	430	0.35	<0.01	35.1	3.56	2.43	3.3	11	0.30	17.4
R607450		2.55	0.03	0.21	0.66	148.0	480	0.65	<0.01	34.0	7.30	4.05	9.4	14	1.02	48.9
R607451		2.17	0.01	0.19	0.17	51.2	390	0.26	<0.01	36.0	2.20	1.89	2.5	9	0.25	14.5
R607452		2.21	0.01	0.25	0.13	59.7	310	0.22	<0.01	36.8	1.34	1.65	1.8	11	0.17	11.3
R607453		2.60	0.01	0.22	0.14	52.4	390	0.22	<0.01	35.5	2.81	2.43	2.2	9	0.23	12.3

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15107993

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-MS42	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	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
R607414		0.25	0.27	<0.05	<0.1	1.060	<0.005	0.03	3.5	0.8	0.19	101	0.83	<0.01	0.1	26.3
R607415		0.39	0.33	<0.05	<0.1	1.020	<0.005	0.04	4.5	1.0	0.36	79	1.26	<0.01	0.2	41.7
R607416		0.57	0.59	<0.05	0.1	0.993	<0.005	0.07	5.5	1.8	0.36	88	1.17	<0.01	0.3	70.9
R607417		0.10	0.25	<0.05	<0.1	0.302	<0.005	0.02	5.6	0.6	1.17	46	2.91	<0.01	0.1	26.5
R607418		0.09	0.28	<0.05	<0.1	0.470	<0.005	0.03	6.2	0.6	1.27	47	2.83	0.01	0.1	24.1
R607419		0.07	0.18	<0.05	<0.1	0.275	<0.005	0.02	4.2	0.5	0.99	46	0.85	<0.01	0.1	7.4
R607420		0.29	0.21	<0.05	0.1	0.399	<0.005	0.02	5.0	0.5	1.70	57	0.80	<0.01	0.1	27.2
R607421		0.11	0.20	<0.05	<0.1	0.452	<0.005	0.02	3.2	0.4	1.89	48	0.66	<0.01	0.1	7.6
R607422		1.87	8.42	0.09	1.4	1.040	0.030	1.12	21.4	11.6	0.31	72	11.15	0.03	6.7	60.8
R607423		1.65	14.45	0.13	2.8	6.54	0.045	1.93	39.5	11.3	0.25	18	16.35	0.01	19.1	17.9
R607424		1.73	14.90	0.13	2.8	4.71	0.041	1.93	37.9	10.4	0.27	12	11.05	0.02	19.2	15.0
R607425		2.58	16.05	0.13	2.7	3.92	0.062	2.06	35.9	10.5	0.27	16	13.95	0.02	18.2	15.3
R607426		2.43	16.35	0.12	2.5	3.52	0.058	1.83	33.4	9.2	0.25	13	12.55	0.02	17.1	14.8
R607427		5.15	18.30	0.13	2.5	3.26	0.056	1.90	32.9	9.6	0.25	16	16.40	0.02	16.7	18.8
R607428		20.5	17.10	0.15	1.4	3.41	0.090	1.32	25.5	9.2	0.18	112	82.1	0.01	8.7	179.0
R607429		4.62	2.16	0.06	0.3	1.240	0.011	0.23	4.3	4.5	0.10	412	13.10	<0.01	1.2	447
R607430		12.30	3.93	0.10	0.6	1.785	0.028	0.42	7.8	9.2	0.07	235	55.9	0.01	2.4	1320
R607431		11.75	5.23	0.12	0.9	2.04	0.031	0.62	8.0	10.7	0.09	254	56.7	0.03	3.8	1310
R607432		10.05	3.91	0.11	0.6	2.09	0.022	0.46	11.4	7.7	0.09	378	45.0	0.01	2.7	1040
R607433		1.79	1.14	<0.05	0.2	0.832	0.006	0.16	3.4	1.5	0.12	311	16.60	<0.01	0.8	167.5
R607434		1.57	1.87	<0.05	0.3	1.395	0.011	0.26	5.2	2.1	0.09	338	19.15	<0.01	1.3	140.5
R607435		4.84	3.08	0.05	0.4	0.812	0.011	0.37	7.1	8.5	0.13	312	22.8	0.01	1.7	680
R607436		1.94	1.42	0.13	0.2	0.571	0.007	0.19	3.3	2.3	0.10	421	9.17	<0.01	0.8	240
R607437		1.08	1.13	0.10	0.2	0.750	0.006	0.14	2.8	1.7	0.13	357	6.21	<0.01	0.7	117.5
R607438		0.70	1.67	0.15	0.2	2.13	0.007	0.26	3.6	2.2	2.54	249	4.03	0.01	1.1	57.7
R607439		0.40	0.91	0.11	0.1	1.180	0.008	0.13	2.1	1.3	0.35	376	3.00	0.01	0.6	34.1
R607440		0.35	0.54	0.12	0.1	1.385	<0.005	0.07	1.2	0.9	0.46	417	2.47	0.01	0.3	27.4
R607441		0.57	1.20	0.13	0.2	0.706	0.009	0.16	2.8	1.7	0.13	359	1.72	<0.01	0.6	64.8
R607442		0.42	0.91	0.12	0.1	0.847	<0.005	0.11	2.9	1.8	0.17	366	1.31	<0.01	0.4	51.4
R607443		1.65	2.74	0.14	0.3	1.455	0.011	0.29	6.2	7.8	0.16	444	2.68	<0.01	1.1	279
R607444		1.73	1.23	0.14	0.1	4.55	0.009	0.08	5.1	2.2	1.00	161	3.62	<0.01	0.3	199.5
R607445		0.75	0.78	0.12	0.1	1.935	<0.005	0.07	6.8	1.4	0.76	176	2.11	<0.01	0.2	81.9
R607446		0.49	0.62	0.10	0.1	1.175	0.006	0.05	5.8	1.1	1.01	122	1.63	<0.01	0.2	50.0
R607447		0.36	0.47	0.11	<0.1	1.345	<0.005	0.04	6.2	1.1	0.91	121	1.44	<0.01	0.2	34.7
R607448		0.32	0.39	0.10	<0.1	1.235	<0.005	0.03	5.1	1.3	0.70	93	1.36	<0.01	0.2	27.7
R607449		0.55	0.39	0.11	<0.1	2.16	<0.005	0.03	4.0	1.3	0.64	117	1.50	<0.01	0.1	47.1
R607450		1.25	0.81	0.09	0.1	0.980	0.006	0.09	4.4	2.4	1.29	147	1.57	0.01	0.4	161.0
R607451		0.33	0.27	0.10	<0.1	0.998	<0.005	0.03	3.2	0.8	1.09	98	0.78	<0.01	0.1	35.6
R607452		0.23	0.24	0.11	<0.1	0.714	<0.005	0.02	3.0	0.7	1.40	78	0.84	<0.01	0.1	24.2
R607453		0.27	0.28	0.15	<0.1	1.615	<0.005	0.03	4.2	0.8	1.15	89	0.84	<0.01	0.1	33.4

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CERTIFICATE OF ANALYSIS WH15107993

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
R607414		160	15.5	1.2	0.004	0.01	12.15	1.2	1	<0.2	274	<0.05	<0.05	0.2	<0.005	0.14
R607415		110	8.9	1.5	0.003	0.01	30.8	0.6	1	<0.2	351	<0.05	<0.05	0.2	0.005	0.14
R607416		230	9.5	2.9	0.003	0.01	2.41	1.0	1	<0.2	347	<0.05	<0.05	0.4	0.009	0.19
R607417		90	1.9	1.0	0.037	0.06	1.24	0.3	1	<0.2	258	<0.05	<0.05	<0.2	<0.005	0.48
R607418		110	1.8	1.1	0.073	0.06	1.12	0.3	1	<0.2	310	<0.05	<0.05	<0.2	<0.005	0.40
R607419		120	1.4	0.7	0.015	0.02	0.83	0.2	1	<0.2	238	<0.05	<0.05	<0.2	<0.005	0.19
R607420		100	2.1	0.8	0.004	0.01	1.17	0.3	1	<0.2	246	<0.05	<0.05	0.2	<0.005	0.17
R607421		170	1.7	0.8	0.002	0.01	4.11	0.2	1	<0.2	250	<0.05	<0.05	<0.2	<0.005	0.29
R607422		1310	32.3	53.2	0.010	0.20	5.41	6.8	7	0.9	318	0.40	0.07	4.4	0.190	2.07
R607423		860	57.4	87.5	0.004	0.43	10.45	8.3	4	1.9	302	1.09	0.16	9.4	0.358	13.85
R607424		600	61.7	93.3	0.004	0.48	9.85	7.4	5	1.9	260	1.10	0.17	9.1	0.345	10.85
R607425		770	56.2	96.3	0.005	0.76	11.80	9.3	8	1.8	339	1.07	0.22	9.4	0.330	11.95
R607426		770	55.0	83.2	0.008	0.53	13.35	7.2	8	1.6	307	1.00	0.18	8.4	0.316	6.04
R607427		1440	44.7	86.3	0.007	0.66	12.45	7.6	9	1.6	415	0.97	0.12	8.2	0.306	8.10
R607428		5010	47.6	59.2	0.005	0.55	19.75	8.5	17	1.1	605	0.49	0.22	5.3	0.180	6.78
R607429		700	9.2	9.9	<0.002	0.24	3.34	8.0	6	0.2	94.1	0.08	<0.05	0.9	0.025	0.81
R607430		2300	34.3	16.0	0.002	0.31	12.45	29.3	15	0.5	170.0	0.17	<0.05	1.8	0.054	0.82
R607431		2990	58.0	18.7	0.002	0.22	20.9	23.2	15	0.6	183.0	0.25	0.07	2.1	0.083	0.98
R607432		2190	41.1	21.1	0.002	0.21	15.55	20.1	14	0.5	170.0	0.19	<0.05	2.0	0.063	1.00
R607433		520	22.9	6.3	0.002	0.02	4.01	3.4	3	0.2	159.5	0.05	<0.05	0.6	0.021	0.32
R607434		870	40.5	10.0	0.002	0.01	3.80	4.4	2	0.3	126.5	0.08	<0.05	1.0	0.034	0.29
R607435		630	33.1	16.8	0.002	0.05	9.63	5.4	4	0.4	158.0	0.12	<0.05	1.5	0.046	0.51
R607436		470	16.2	7.3	0.002	0.10	3.17	3.8	2	0.2	76.2	0.07	<0.05	0.7	0.024	0.28
R607437		370	19.2	5.4	0.002	0.05	2.55	2.5	1	0.2	185.0	0.05	<0.05	0.5	0.019	0.28
R607438		480	53.6	9.1	0.010	0.13	1.68	1.6	2	0.3	334	0.08	<0.05	0.8	0.031	0.75
R607439		290	24.7	4.6	0.003	0.03	1.15	1.3	1	0.2	310	0.05	<0.05	0.4	0.017	0.41
R607440		150	12.6	2.5	0.004	0.04	0.80	2.4	2	<0.2	237	<0.05	<0.05	0.3	0.010	0.28
R607441		520	6.8	5.7	0.002	<0.01	0.33	1.8	1	0.3	361	0.05	<0.05	0.5	0.020	0.22
R607442		700	22.2	4.3	<0.002	0.03	0.46	3.2	1	0.2	237	<0.05	<0.05	0.4	0.014	0.41
R607443		460	14.2	12.1	0.002	0.17	0.59	4.5	2	0.4	174.5	0.09	<0.05	1.2	0.034	0.82
R607444		410	35.1	3.4	0.005	0.10	20.6	1.9	16	0.2	455	<0.05	<0.05	0.3	0.010	0.43
R607445		260	12.8	2.6	0.005	0.10	6.74	1.3	5	0.2	400	<0.05	<0.05	0.3	0.008	0.58
R607446		210	17.7	1.9	0.006	0.07	8.06	0.7	3	0.2	404	<0.05	<0.05	0.2	0.006	0.34
R607447		140	50.2	1.6	0.004	0.05	10.50	0.6	3	<0.2	337	<0.05	<0.05	0.2	0.006	0.29
R607448		150	11.8	1.2	0.002	0.04	3.16	0.5	2	<0.2	282	<0.05	<0.05	0.2	<0.005	0.18
R607449		210	17.1	1.4	0.002	0.03	3.47	0.9	2	<0.2	282	<0.05	<0.05	<0.2	<0.005	0.14
R607450		310	15.4	3.9	0.002	0.02	3.25	1.5	2	0.2	354	<0.05	<0.05	0.4	0.012	0.22
R607451		170	11.3	1.1	0.004	0.02	3.04	0.7	1	<0.2	319	<0.05	<0.05	<0.2	<0.005	0.14
R607452		210	30.9	0.8	0.003	0.02	5.51	0.4	2	<0.2	265	<0.05	<0.05	<0.2	<0.005	0.44
R607453		130	13.6	1.0	0.002	<0.01	7.50	0.7	1	<0.2	239	<0.05	<0.05	<0.2	<0.005	0.21

***** 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: 10-AUG-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15107993

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
R607414		5.9	16	0.2	10.8	142	1.7
R607415		4.7	15	0.2	12.0	286	1.8
R607416		5.3	19	0.3	19.0	507	2.8
R607417		6.1	14	0.2	8.0	73	1.3
R607418		6.5	17	0.2	8.2	64	1.4
R607419		5.0	14	0.1	6.0	50	1.0
R607420		3.5	14	0.1	8.6	205	1.3
R607421		3.5	14	0.2	5.2	54	1.1
R607422		5.0	258	1.7	20.7	273	57.6
R607423		5.9	474	7.0	22.1	70	132.5
R607424		6.0	488	5.9	20.9	58	120.0
R607425		7.2	534	4.6	20.8	69	113.0
R607426		6.0	531	4.6	19.2	75	105.0
R607427		7.2	596	4.6	19.0	139	102.5
R607428		14.0	1000	3.3	20.6	1920	60.0
R607429		10.8	128	0.6	125.0	2560	13.8
R607430		33.5	261	3.6	270	6910	26.6
R607431		31.6	350	4.4	248	6340	36.6
R607432		27.4	248	3.1	328	5660	27.2
R607433		8.6	68	1.2	76.5	968	8.3
R607434		9.4	98	1.5	49.9	742	12.8
R607435		14.1	117	3.1	133.5	2990	18.2
R607436		6.9	62	1.3	50.4	1260	9.3
R607437		6.2	55	1.0	27.6	619	6.8
R607438		7.0	33	1.6	13.3	501	9.4
R607439		4.4	21	1.0	8.7	246	5.4
R607440		3.7	20	0.9	9.5	218	3.3
R607441		4.1	20	1.3	12.2	368	6.0
R607442		5.0	27	0.8	17.4	302	5.0
R607443		6.0	44	0.9	54.8	1190	11.6
R607444		5.6	53	1.3	43.3	993	4.1
R607445		5.0	31	0.8	24.8	484	3.3
R607446		5.1	26	0.7	16.6	306	2.2
R607447		6.7	27	0.4	13.9	258	2.0
R607448		5.6	29	0.3	12.3	242	1.6
R607449		5.4	27	0.3	16.9	403	1.8
R607450		4.7	27	0.3	31.8	903	3.9
R607451		3.2	15	0.2	12.8	244	1.3
R607452		3.5	12	0.2	9.2	157	1.0
R607453		3.7	14	0.2	13.7	211	1.3

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15107993

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
R607454		2.62	0.01	0.15	0.11	37.9	350	0.16	<0.01	34.6	0.76	2.24	1.2	8	0.16	9.5
R607455		1.15	0.01	0.08	0.09	51.4	270	0.16	<0.01	33.9	1.44	1.86	1.4	3	0.15	8.0
R607456		2.72	0.01	0.06	0.10	50.5	190	0.17	<0.01	36.2	1.18	1.33	1.2	8	0.17	6.9
R607457		2.47	<0.01	0.05	0.09	28.9	220	0.15	<0.01	35.1	0.54	1.79	1.0	11	0.11	5.7
R607458		2.34	0.01	0.14	0.12	41.3	220	0.19	<0.01	35.4	4.06	2.09	1.9	7	0.32	7.9
R607459		2.79	0.01	0.08	0.07	28.8	230	0.18	<0.01	35.9	1.27	1.82	1.2	5	0.11	5.5
R607460		2.81	0.02	0.22	0.76	303	360	0.72	<0.01	35.5	5.31	6.04	6.5	18	1.85	35.9
R607461		2.55	0.01	2.47	3.72	803	4670	1.23	0.14	5.89	5.34	37.6	3.5	155	9.81	47.4
R607462		2.81	0.02	2.71	4.16	325	3140	1.09	0.21	0.90	1.04	65.5	0.8	109	12.00	11.8
R607463		2.25	0.02	3.64	3.87	259	4050	0.91	0.22	1.17	1.11	67.6	1.0	92	9.72	16.3
R607464		2.76	0.01	2.51	3.85	815	360	0.92	0.21	0.47	0.53	54.4	0.6	104	12.90	18.4
R607465		3.21	0.05	5.04	4.20	2000	800	1.30	0.22	0.57	1.78	58.4	0.5	147	12.25	65.6
R607466		2.74	0.13	3.62	4.30	2270	1200	1.58	0.17	0.94	4.53	53.0	1.1	157	10.90	81.5
R607467		2.41	0.04	2.74	4.35	2340	4200	1.62	0.16	0.62	5.71	55.6	1.7	186	9.05	130.0

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Finalized Date: 10-AUG-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15107993

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-MS42	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	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
R607454		0.16	0.31	0.14	<0.1	3.61	<0.005	0.02	4.0	0.7	2.40	79	0.83	0.01	0.1	16.2
R607455		0.19	0.22	0.14	<0.1	2.31	<0.005	0.02	3.6	0.6	1.77	98	0.84	<0.01	0.1	17.5
R607456		0.16	0.20	0.17	<0.1	1.000	<0.005	0.02	2.2	0.6	1.41	239	0.51	<0.01	0.1	17.7
R607457		0.13	0.23	0.15	<0.1	0.414	<0.005	0.02	3.4	0.6	3.26	71	0.82	0.01	0.1	12.8
R607458		0.24	0.31	0.14	<0.1	0.702	<0.005	0.03	3.5	0.7	0.55	82	0.72	<0.01	0.1	27.7
R607459		0.15	0.19	0.16	<0.1	0.688	<0.005	0.01	3.2	0.5	2.11	111	0.54	<0.01	0.1	14.4
R607460		1.16	1.39	0.13	0.2	1.890	0.007	0.15	5.9	4.3	0.82	213	1.52	0.01	0.7	146.0
R607461		2.05	10.15	0.22	1.7	1.015	0.037	1.27	26.6	14.2	0.35	78	13.05	0.03	7.6	68.3
R607462		1.48	13.40	0.29	3.0	0.758	0.044	1.78	41.9	9.5	0.28	21	18.85	0.03	18.8	20.4
R607463		1.16	11.90	0.28	2.9	9.47	0.032	1.63	43.7	8.6	0.23	24	15.25	0.02	18.9	23.2
R607464		2.07	13.45	0.28	2.6	4.34	0.060	1.70	28.6	7.9	0.24	14	14.20	0.03	17.0	16.6
R607465		4.24	15.85	0.27	2.5	5.30	0.060	1.81	36.7	9.9	0.23	12	23.6	0.04	15.8	20.6
R607466		5.45	17.65	0.21	2.2	6.13	0.075	1.63	34.6	11.0	0.23	31	31.5	0.03	12.7	39.0
R607467		7.33	18.05	0.20	2.1	1.175	0.091	1.52	37.0	10.2	0.22	27	57.7	0.02	12.1	102.0

***** 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: 10-AUG-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15107993

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
R607454		170	3.6	1.0	0.003	<0.01	3.79	0.9	1	<0.2	271	<0.05	<0.05	<0.2	<0.005	0.70
R607455		190	3.8	0.7	0.003	0.02	2.75	0.9	1	<0.2	250	<0.05	<0.05	<0.2	<0.005	0.41
R607456		160	10.3	0.7	0.002	0.01	2.10	6.0	1	<0.2	167.5	<0.05	<0.05	<0.2	<0.005	0.31
R607457		170	4.8	0.7	0.002	0.03	1.29	0.7	1	<0.2	233	<0.05	<0.05	<0.2	<0.005	0.19
R607458		190	4.1	1.2	0.002	0.02	0.93	0.7	1	<0.2	201	<0.05	<0.05	<0.2	<0.005	0.11
R607459		140	4.4	0.6	0.002	0.01	1.04	2.0	1	<0.2	217	<0.05	<0.05	<0.2	<0.005	0.08
R607460		440	17.2	6.9	0.002	0.01	2.70	8.1	2	0.2	268	0.06	<0.05	0.7	0.021	0.39
R607461		2070	33.7	57.9	0.014	0.28	6.62	8.2	9	1.1	484	0.58	0.10	5.0	0.222	2.48
R607462		660	39.3	78.1	0.005	0.46	10.10	7.8	9	1.9	241	1.31	0.15	8.0	0.351	16.00
R607463		730	46.1	69.7	0.003	0.37	13.85	7.4	11	1.7	242	1.25	0.15	7.9	0.348	9.88
R607464		1320	39.2	76.2	0.006	0.58	12.25	12.9	10	1.7	294	1.15	0.21	7.0	0.315	11.25
R607465		2100	75.2	77.8	0.024	0.62	13.80	9.8	15	1.7	551	1.10	0.20	7.5	0.299	12.60
R607466		2910	64.3	69.0	0.025	0.57	12.50	9.7	12	1.5	715	0.90	0.17	6.8	0.275	16.75
R607467		3030	49.2	64.9	0.003	0.33	12.15	12.9	6	1.4	655	0.87	0.19	6.9	0.263	3.06

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

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15107993

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
R607454		3.7	18	0.2	10.3	106	1.5
R607455		3.7	17	0.2	9.8	129	1.3
R607456		2.5	43	0.1	22.7	115	4.0
R607457		3.6	15	0.1	8.9	80	1.2
R607458		2.7	11	0.1	9.7	196	1.5
R607459		3.7	23	0.1	13.6	108	1.6
R607460		4.5	60	0.4	39.8	835	8.6
R607461		6.1	344	2.1	27.0	309	70.7
R607462		6.1	491	4.7	22.9	87	128.0
R607463		6.4	424	5.5	23.7	99	127.0
R607464		5.8	468	4.4	21.0	67	110.5
R607465		10.4	679	7.3	22.4	77	105.0
R607466		10.0	613	6.1	25.5	280	92.0
R607467		9.9	642	4.7	24.2	524	84.6

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

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VANCOUVER BC V6B 1L8

Finalized Date: 10-AUG-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15107993

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.

BAG-06	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-MS42	ME-MS61

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-AUG-2015
Account: RCM

CERTIFICATE WH15112770

Project: NADALEEN

P.O. No.: NA-15-010

This report is for 16 Rock samples submitted to our lab in Whitehorse, YT, Canada on 29-JUL-2015.

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
BAG-06	Double Bagging Coarse Rejects
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

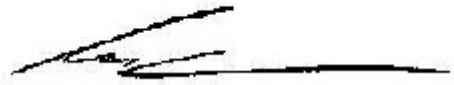
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	
Hg-MS42	Trace Hg by ICPMS	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: 11-AUG-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15112770

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
R607468		1.50	0.10	4.22	4.12	3230	3030	3.02	0.14	0.54	10.50	48.8	9.3	252	10.05	254
R607469		2.02	0.07	1.12	1.47	1005	1670	1.12	0.05	28.1	11.60	15.15	5.9	64	2.94	94.6
R607470		0.06	0.04	1.03	1.95	1260	1880	2.13	0.05	26.4	9.80	13.50	6.2	94	2.57	331
R607471		0.03	0.06	0.90	1.35	1010	2130	2.01	0.04	30.0	12.15	10.15	6.7	67	1.91	303
R607472		1.46	0.04	0.71	1.16	549	1730	0.99	0.04	33.4	11.90	12.30	3.8	20	2.96	54.1
R607473		1.84	0.01	0.20	0.33	193.5	1180	0.78	0.02	36.1	4.31	3.30	1.7	7	0.80	20.9
R607474		2.72	0.02	0.34	0.50	246	760	0.68	0.02	36.0	5.69	4.45	2.0	12	0.85	30.5
R607475		2.44	0.01	0.16	0.28	118.5	400	0.42	0.01	36.9	4.82	2.34	1.7	5	0.41	12.1
R607476		2.16	0.04	0.23	0.47	206	890	0.62	0.01	35.7	11.60	3.45	5.2	7	0.75	17.1
R607477		2.30	0.05	0.30	0.44	214	990	0.52	0.02	35.5	9.80	3.72	5.2	7	0.90	16.0
R607478		2.41	0.02	0.14	0.29	104.5	420	0.34	0.01	36.6	4.44	2.75	2.3	4	0.54	7.3
R607479		2.41	0.59	0.14	0.17	74.6	180	0.19	0.01	35.5	2.36	1.75	1.5	3	0.37	5.1
R607480		1.96	1.35	0.37	0.37	186.0	1180	0.42	0.02	33.4	3.18	4.14	2.6	8	0.89	10.2
R607481		1.85	0.64	0.26	0.21	130.5	1040	0.31	0.01	36.5	3.26	2.62	2.1	6	0.48	8.5
R607482		1.83	0.33	0.26	0.41	220	1050	0.57	0.02	35.2	5.34	3.99	3.4	10	1.09	19.8
R607483		2.33	0.14	0.22	0.48	217	780	0.52	0.02	36.4	6.77	4.40	3.4	11	1.36	23.2

***** 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: 11-AUG-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15112770

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-MS42	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	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
R607468		12.10	16.00	0.17	1.6	1.610	0.126	1.27	34.1	11.3	0.19	88	72.1	0.02	10.7	289
R607469		3.98	5.10	0.11	0.5	1.065	0.038	0.42	10.5	3.3	0.12	297	20.9	0.01	3.1	126.5
R607470		5.28	7.99	0.13	0.5	1.840	0.135	0.36	9.0	3.1	0.14	333	20.7	0.02	2.6	154.5
R607471		4.17	5.50	0.11	0.4	1.600	0.083	0.26	6.6	2.9	0.12	451	15.75	0.01	1.9	160.0
R607472		1.81	3.09	0.10	0.5	1.030	0.021	0.45	6.9	2.2	0.14	507	14.70	0.01	1.9	112.0
R607473		0.69	0.93	0.09	0.1	0.574	0.007	0.12	2.0	0.7	0.12	453	4.79	0.01	0.5	37.2
R607474		0.88	1.50	0.09	0.2	0.870	0.010	0.18	2.6	1.4	0.16	521	4.85	0.01	0.8	42.8
R607475		0.46	0.55	0.09	0.1	0.555	<0.005	0.08	1.5	1.1	0.15	463	2.00	0.01	0.3	34.6
R607476		1.12	0.84	0.10	0.1	0.663	<0.005	0.12	2.3	1.7	0.13	455	2.06	0.01	0.5	114.0
R607477		1.23	0.93	0.08	0.1	0.763	0.006	0.14	2.3	1.6	0.14	451	2.27	0.01	0.6	115.0
R607478		0.52	0.68	0.09	0.1	0.748	<0.005	0.10	1.7	1.3	0.16	291	1.26	0.01	0.4	44.2
R607479		0.33	0.38	0.09	0.1	1.415	0.005	0.05	1.3	2.1	0.10	392	0.75	<0.01	0.2	26.0
R607480		0.62	0.94	0.09	0.1	4.76	0.006	0.12	3.2	4.0	0.11	336	2.18	0.01	0.6	47.3
R607481		0.44	0.53	0.09	0.1	3.90	0.005	0.06	2.4	2.0	0.27	465	1.55	0.01	0.3	35.9
R607482		0.85	0.99	0.10	0.1	3.53	0.007	0.11	3.2	2.7	0.28	383	1.66	0.01	0.6	77.3
R607483		0.84	1.11	0.09	0.2	1.880	0.006	0.13	3.6	2.7	0.19	218	1.77	0.01	0.7	75.6

***** 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: 11-AUG-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15112770

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
R607468		3630	58.1	63.5	0.002	0.17	10.15	16.1	12	1.2	543	0.62	0.13	6.1	0.210	1.53
R607469		1330	23.1	21.5	0.002	0.09	3.83	6.3	4	0.4	253	0.18	0.06	1.8	0.066	0.92
R607470		1970	23.3	18.6	<0.002	0.12	4.03	11.4	4	0.4	247	0.16	0.05	1.7	0.057	1.00
R607471		1470	24.8	14.7	0.002	0.13	3.48	8.3	4	0.3	172.5	0.11	0.06	1.2	0.039	1.16
R607472		950	45.1	20.2	<0.002	0.06	2.61	3.8	1	0.4	124.0	0.12	<0.05	1.6	0.059	0.31
R607473		310	11.3	4.9	<0.002	0.04	1.04	2.7	1	<0.2	48.1	<0.05	<0.05	0.4	0.016	0.13
R607474		510	12.8	7.5	0.002	0.04	1.21	2.3	1	0.2	150.0	0.05	<0.05	0.6	0.022	0.27
R607475		200	9.1	3.4	<0.002	0.02	0.71	1.2	1	<0.2	175.0	<0.05	<0.05	0.3	0.010	0.16
R607476		290	9.2	5.1	<0.002	0.03	0.46	2.3	1	<0.2	150.0	<0.05	<0.05	0.5	0.015	0.17
R607477		250	9.5	5.7	0.002	0.03	0.50	2.0	1	<0.2	165.0	<0.05	<0.05	0.5	0.016	0.27
R607478		190	9.5	4.2	0.002	0.02	0.45	1.0	1	<0.2	219	<0.05	<0.05	0.4	0.013	0.19
R607479		110	5.5	2.2	<0.002	0.01	0.29	0.8	1	<0.2	312	<0.05	<0.05	0.2	0.007	0.10
R607480		410	21.4	5.0	<0.002	0.04	3.07	1.6	3	0.2	277	<0.05	<0.05	0.5	0.016	0.30
R607481		200	15.8	2.5	0.002	0.03	1.86	4.3	2	0.2	183.5	<0.05	<0.05	0.3	0.009	0.18
R607482		260	16.4	5.1	<0.002	0.03	1.18	4.0	2	0.2	204	<0.05	<0.05	0.5	0.016	0.25
R607483		300	15.1	6.4	<0.002	0.03	0.93	2.9	1	0.2	250	0.05	<0.05	0.6	0.018	0.33

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 11-AUG-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15112770

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
R607468		16.3	739	3.6	42.7	2390	68.0
R607469		8.3	208	1.5	29.5	888	24.2
R607470		17.1	295	1.5	47.2	1060	21.7
R607471		12.2	234	1.3	48.0	934	17.4
R607472		10.2	77	2.7	25.6	600	18.7
R607473		3.3	50	0.8	16.4	232	6.2
R607474		7.0	50	1.3	13.6	276	7.3
R607475		5.4	20	0.8	8.4	228	3.5
R607476		6.4	28	0.8	15.9	730	6.3
R607477		6.4	25	0.9	15.1	706	5.8
R607478		4.3	15	0.9	7.7	290	3.9
R607479		3.0	11	0.5	5.6	170	2.2
R607480		5.3	32	1.4	10.9	280	5.0
R607481		5.3	41	0.7	21.4	209	5.2
R607482		5.5	46	0.7	24.2	419	6.8
R607483		4.3	42	0.6	20.8	422	6.6

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Finalized Date: 11-AUG-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15112770

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.

BAG-06	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-MS42	ME-MS61

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: 17-AUG-2015
Account: RCM

CERTIFICATE WH15116448

Project: NADALEEN

P.O. No.: NA-15-011

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 4-AUG-2015.

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
BAG-06	Double Bagging Coarse Rejects
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

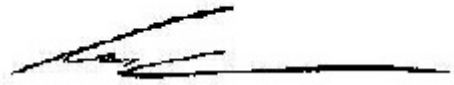
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	
Hg-MS42	Trace Hg by ICPMS	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: 17-AUG-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15116448

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
R607484		1.83	0.17	0.23	0.55	279	700	0.50	0.03	34.5	6.35	4.78	6.1	15	1.60	37.8
R607485		1.90	0.05	1.31	2.82	308	3510	0.93	0.12	17.95	10.30	27.5	5.1	113	7.26	48.1
R607486		2.14	0.02	1.20	1.96	729	3570	0.81	0.07	24.5	19.20	17.75	6.4	63	4.87	36.2
R607487		2.46	<0.01	0.57	0.93	392	1430	0.53	0.05	31.6	9.65	9.15	4.7	48	2.40	21.5
R607488		2.51	<0.01	0.12	0.23	85.1	500	0.13	0.02	33.6	4.13	3.04	1.6	9	0.52	7.9
R607489		2.64	<0.01	0.09	0.15	51.2	360	0.10	0.01	39.1	0.86	1.94	3.3	13	0.29	5.4
R607490		2.77	<0.01	0.03	0.23	27.3	310	0.13	0.02	38.6	0.32	2.65	1.1	5	0.48	5.2
R607491		2.61	<0.01	0.22	0.32	503	330	0.30	0.01	38.2	3.17	2.54	1.8	9	0.72	12.6
R607492		2.57	<0.01	0.14	0.29	360	250	0.33	0.02	37.9	1.39	2.00	2.0	15	0.61	10.5
R607493		2.25	<0.01	0.21	0.48	363	870	0.50	0.02	38.3	6.62	3.72	3.4	8	1.14	12.3
R607494		2.35	<0.01	0.09	0.22	137.5	210	0.29	0.02	38.6	1.91	2.05	1.2	4	0.48	6.6
R607495		1.46	<0.01	0.12	0.36	201	480	0.42	0.02	40.6	6.03	2.76	72.5	35	0.63	21.0
R607496		2.53	0.01	0.14	0.44	243	580	0.36	0.02	38.2	5.02	3.51	22.5	6	1.19	17.4
R607497		2.08	<0.01	0.29	1.47	587	550	0.89	0.03	35.8	4.75	8.41	7.2	14	3.14	34.3
R607498		2.71	<0.01	0.05	0.34	102.0	290	0.27	0.02	40.6	0.66	3.11	1.4	5	0.79	7.6
R607499		2.46	<0.01	0.05	0.29	90.1	230	0.29	0.02	39.6	0.57	2.31	1.3	4	0.65	7.1
R607500		2.50	<0.01	0.03	0.39	40.1	250	0.30	0.02	38.6	0.17	4.00	1.2	5	0.94	5.1
R607501		2.52	<0.01	0.03	0.33	49.3	280	0.28	0.02	39.0	0.18	3.24	1.2	4	0.79	5.7
R607502		2.27	<0.01	0.03	0.42	31.5	120	0.59	0.03	33.7	0.11	4.63	1.2	5	1.36	4.8
R607503		2.28	<0.01	0.03	0.40	39.8	160	0.41	0.03	37.7	0.16	6.73	1.4	6	1.35	4.8
R607504		3.10	0.01	0.03	0.25	132.5	140	0.47	0.01	38.1	0.17	2.57	0.9	5	0.54	3.9
R607505		2.58	<0.01	0.04	0.23	162.0	390	0.43	0.01	37.5	0.21	2.50	0.8	5	0.53	4.4
R607506		2.38	<0.01	0.05	0.61	79.9	230	0.46	0.03	37.8	0.19	6.56	1.8	8	2.03	5.7
R607507		2.80	<0.01	0.09	0.32	230	250	0.31	0.02	38.2	0.30	4.75	7.6	5	0.84	4.6
R607508		2.33	<0.01	0.09	0.72	594	220	0.53	0.04	37.5	0.42	7.03	2.1	10	2.45	7.0
R607509		1.75	0.02	2.95	3.96	1960	4770	1.86	0.15	12.75	17.65	34.0	7.5	109	11.95	97.8
R607510		2.95	<0.01	0.46	0.49	237	1170	0.42	0.02	37.5	6.71	5.06	1.7	14	1.36	12.1
R607511		2.60	<0.01	0.27	0.36	147.5	370	0.43	0.02	37.9	9.30	2.79	2.2	5	1.09	10.1
R607512		3.06	<0.01	0.24	0.30	131.0	360	0.39	0.01	36.3	6.96	2.56	1.8	5	0.77	10.2
R607513		2.69	<0.01	0.23	0.50	183.0	360	0.60	0.02	37.1	5.65	3.74	2.6	10	1.30	11.8
R607514		2.75	<0.01	0.11	0.28	85.7	250	0.30	0.02	37.3	2.95	2.85	1.3	5	0.73	5.6
R607515		3.04	<0.01	0.12	0.46	125.0	480	0.43	0.02	38.0	6.22	4.01	2.8	6	1.23	9.3
R607516		2.98	<0.01	0.12	0.33	120.0	590	0.38	0.01	38.1	5.95	2.09	2.1	3	0.69	9.7
R607517		2.54	<0.01	0.09	0.32	74.3	150	0.30	0.02	37.1	3.10	2.14	1.6	3	0.80	7.1
R607518		2.75	<0.01	0.02	0.19	56.1	190	0.24	0.01	38.2	0.78	2.17	0.9	3	0.54	2.5
R607519		2.93	<0.01	0.08	0.37	136.0	470	0.39	0.02	37.7	4.78	3.05	2.5	7	1.11	9.6

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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: 17-AUG-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15116448

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-MS42	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	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
R607484		1.18	1.22	0.08	0.1	2.15	0.013	0.13	3.9	2.3	0.18	272	2.37	0.01	0.6	99.4
R607485		1.97	7.21	0.12	1.2	1.800	0.029	0.90	20.4	8.9	0.48	155	12.55	0.04	5.4	88.8
R607486		1.72	4.98	0.13	0.8	4.12	0.024	0.63	12.9	5.3	0.55	121	12.60	0.01	3.3	108.0
R607487		1.10	2.64	0.12	0.4	2.24	0.015	0.30	6.5	3.0	0.27	91	21.2	<0.01	1.6	65.4
R607488		0.22	0.88	0.14	0.1	1.240	0.010	0.08	2.4	1.7	0.17	40	6.96	<0.01	0.5	13.9
R607489		0.33	0.44	0.15	0.1	0.635	0.006	0.05	1.5	0.9	0.25	31	13.65	<0.01	0.3	13.3
R607490		0.16	0.63	0.18	0.1	0.170	0.008	0.09	1.4	1.1	0.31	25	3.08	<0.01	0.4	6.1
R607491		0.78	0.63	0.16	0.1	0.342	0.007	0.08	1.6	1.5	0.23	32	2.91	<0.01	0.4	41.9
R607492		0.69	0.50	0.14	0.1	0.298	0.006	0.07	1.2	1.5	0.36	36	3.96	<0.01	0.4	33.9
R607493		0.67	0.88	0.14	0.1	0.332	0.009	0.13	2.1	1.7	0.24	63	2.24	<0.01	0.6	57.2
R607494		0.25	0.46	0.19	0.1	0.222	0.007	0.07	1.1	1.0	0.23	50	0.97	<0.01	0.3	15.1
R607495		0.75	0.65	0.16	0.1	0.344	0.009	0.09	1.5	1.4	0.25	79	8.95	<0.01	0.4	42.1
R607496		0.49	0.79	0.17	0.1	0.268	0.007	0.10	2.0	2.0	0.25	55	0.98	<0.01	1.2	49.8
R607497		0.88	2.09	0.17	0.3	0.372	0.014	0.27	4.8	7.0	0.29	58	2.09	0.02	1.3	109.0
R607498		0.23	0.75	0.21	0.1	0.191	0.006	0.10	1.7	1.9	0.40	38	2.08	0.01	0.5	17.6
R607499		0.19	0.61	0.22	0.1	0.148	0.007	0.07	1.3	1.7	0.36	32	1.52	0.01	0.3	16.4
R607500		0.22	0.90	0.17	0.2	0.082	0.008	0.16	2.1	2.1	0.43	26	2.95	0.01	0.7	9.2
R607501		0.19	0.82	0.20	0.1	0.140	0.006	0.13	1.7	1.5	0.35	71	4.09	<0.01	0.6	10.0
R607502		0.25	1.08	0.19	0.2	0.154	0.008	0.17	2.5	1.6	0.38	62	3.03	0.02	0.7	7.4
R607503		0.22	0.99	0.18	0.2	0.144	0.008	0.16	3.4	1.4	0.26	56	3.02	0.01	0.9	8.2
R607504		0.12	0.61	0.23	0.1	0.097	0.007	0.09	1.4	1.3	0.29	49	0.60	0.01	0.5	6.8
R607505		0.13	0.59	0.20	0.1	0.222	0.006	0.09	1.4	1.2	0.47	89	1.52	0.01	0.4	7.2
R607506		0.32	1.61	0.20	0.3	0.211	0.012	0.25	3.4	2.5	0.38	49	2.53	0.01	1.2	10.7
R607507		0.20	0.89	0.19	0.1	0.279	0.009	0.12	2.6	1.4	0.29	82	2.33	0.01	0.7	7.1
R607508		0.39	1.81	0.18	0.3	0.447	0.008	0.29	3.8	2.3	0.26	70	1.70	0.01	1.5	12.2
R607509		3.51	9.58	0.19	1.4	2.03	0.046	1.13	26.0	16.3	0.29	126	18.30	0.03	6.0	148.0
R607510		0.52	1.31	0.16	0.2	1.065	0.009	0.15	4.0	2.4	0.30	59	4.41	<0.01	0.8	27.7
R607511		0.51	0.78	0.19	0.1	0.423	0.006	0.09	1.8	2.1	0.22	49	2.08	<0.01	0.4	50.1
R607512		0.48	0.65	0.15	0.1	1.085	0.006	0.08	1.8	1.6	0.20	50	1.90	<0.01	0.4	39.1
R607513		0.60	0.95	0.16	0.2	0.430	0.007	0.11	2.3	2.8	0.21	208	1.48	0.01	0.5	66.8
R607514		0.25	0.69	0.12	0.1	0.377	0.005	0.10	1.6	1.6	0.25	55	1.65	0.01	0.5	19.4
R607515		0.47	0.91	0.17	0.1	0.319	0.008	0.13	2.2	2.8	0.26	78	1.49	0.01	0.6	47.4
R607516		0.42	0.48	0.15	0.1	0.234	0.005	0.06	1.2	1.8	0.22	50	0.73	<0.01	0.3	39.5
R607517		0.26	0.55	0.18	0.1	0.209	0.008	0.07	1.2	2.0	0.25	41	0.85	0.01	0.3	28.2
R607518		0.16	0.53	0.21	0.1	0.189	<0.005	0.08	1.2	1.3	0.26	38	1.68	0.01	0.4	6.9
R607519		0.46	0.79	0.05	0.1	0.275	<0.005	0.11	1.9	1.9	0.26	58	1.06	0.01	0.4	49.3

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

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VANCOUVER BC V6B 1L8

Finalized Date: 17-AUG-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15116448

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
R607484		300	17.5	6.7	0.003	0.01	1.14	2.9	1	0.2	207	<0.05	<0.05	0.6	0.017	0.33
R607485		1290	25.5	45.8	0.012	0.15	5.21	6.9	6	0.9	367	0.34	0.09	3.9	0.147	1.69
R607486		830	22.5	30.1	0.008	0.11	8.45	4.3	11	0.6	448	0.21	0.06	2.5	0.097	1.15
R607487		400	14.5	14.9	0.006	0.03	5.45	3.3	3	0.4	472	0.15	0.06	1.3	0.046	0.57
R607488		90	2.9	3.5	0.012	0.01	1.61	1.2	1	0.2	394	0.17	<0.05	0.3	0.011	0.19
R607489		40	1.7	2.3	0.035	0.16	1.36	0.6	1	<0.2	466	<0.05	<0.05	0.2	0.007	0.29
R607490		40	1.1	3.9	0.007	0.05	0.75	0.6	1	<0.2	388	<0.05	<0.05	0.3	0.012	0.15
R607491		70	9.7	3.6	0.002	0.02	1.44	0.8	1	<0.2	367	<0.05	<0.05	0.3	0.011	0.13
R607492		50	8.0	3.0	0.003	0.03	0.81	0.6	1	0.2	337	0.10	<0.05	0.3	0.009	0.12
R607493		60	11.2	5.5	0.002	0.03	1.13	1.3	1	<0.2	352	<0.05	<0.05	0.5	0.016	0.15
R607494		30	5.3	2.9	0.003	0.02	0.81	1.5	1	<0.2	314	<0.05	<0.05	0.2	0.009	0.14
R607495		70	10.0	3.7	0.009	0.02	1.06	1.5	1	0.4	356	0.12	<0.05	0.3	0.011	0.17
R607496		40	12.1	4.8	0.002	0.02	0.71	1.5	<1	<0.2	302	1.25	<0.05	0.4	0.013	0.15
R607497		130	21.5	13.1	0.002	0.03	1.33	2.4	1	0.3	294	0.09	<0.05	1.2	0.035	0.42
R607498		40	3.8	4.7	0.007	0.10	0.45	0.7	2	<0.2	350	<0.05	<0.05	0.4	0.014	0.35
R607499		40	4.3	3.4	0.004	0.06	0.36	0.6	1	<0.2	320	<0.05	<0.05	0.3	0.010	0.29
R607500		30	2.5	6.5	0.004	0.18	0.25	0.8	<1	<0.2	339	<0.05	<0.05	0.5	0.020	0.33
R607501		30	2.7	5.5	0.010	0.14	0.29	0.7	1	<0.2	328	<0.05	<0.05	0.5	0.017	0.54
R607502		30	2.1	7.7	0.004	0.19	0.27	1.2	1	0.2	306	0.05	<0.05	0.5	0.022	0.47
R607503		40	2.3	7.1	0.021	0.18	0.28	1.6	1	<0.2	282	0.05	<0.05	0.5	0.020	0.47
R607504		40	1.7	4.1	0.003	0.05	0.21	0.6	1	<0.2	307	<0.05	<0.05	0.3	0.013	0.26
R607505		20	3.3	3.7	0.006	0.07	0.39	0.7	<1	<0.2	307	<0.05	<0.05	0.3	0.012	0.31
R607506		40	3.0	12.2	0.005	0.27	0.29	1.7	1	0.2	301	0.07	<0.05	0.9	0.034	0.74
R607507		50	5.8	5.3	0.004	0.14	0.98	2.6	1	<0.2	361	0.07	<0.05	0.5	0.018	0.66
R607508		60	7.1	13.1	0.004	0.14	1.01	2.5	2	0.2	292	0.09	<0.05	1.1	0.038	1.00
R607509		1440	162.0	54.8	0.006	0.18	18.25	8.4	6	1.2	579	0.38	0.10	5.0	0.176	2.27
R607510		180	22.1	7.0	0.003	0.04	2.04	1.5	1	0.2	461	<0.05	<0.05	0.6	0.022	0.26
R607511		60	19.4	4.4	0.002	0.02	0.77	1.2	1	<0.2	314	<0.05	<0.05	0.4	0.012	0.14
R607512		50	13.2	3.7	<0.002	0.02	0.65	0.9	1	<0.2	380	<0.05	<0.05	0.3	0.011	0.11
R607513		120	21.8	5.6	<0.002	0.02	0.81	15.7	1	<0.2	265	<0.05	<0.05	0.6	0.016	0.18
R607514		50	9.9	4.4	0.002	0.02	0.76	1.2	<1	<0.2	275	<0.05	<0.05	0.3	0.013	0.10
R607515		60	14.6	6.0	<0.002	0.03	0.65	1.7	<1	<0.2	291	<0.05	<0.05	0.5	0.017	0.13
R607516		30	11.7	3.0	<0.002	0.02	0.25	0.8	<1	<0.2	298	<0.05	<0.05	0.3	0.009	0.06
R607517		20	7.8	3.6	<0.002	0.01	0.25	0.7	<1	<0.2	263	<0.05	<0.05	0.3	0.009	0.08
R607518		30	2.1	3.5	0.002	0.03	0.40	0.7	1	<0.2	260	<0.05	<0.05	0.3	0.011	0.07
R607519		30	10.2	4.8	<0.002	0.02	0.61	1.1	<1	<0.2	272	<0.05	<0.05	0.4	0.013	0.14

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VANCOUVER BC V6B 1L8

Finalized Date: 17-AUG-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15116448

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
R607484		5.1	37	0.6	22.8	609	6.0
R607485		7.4	241	1.7	30.1	467	46.9
R607486		5.8	187	1.7	24.8	641	30.7
R607487		4.9	107	9.7	14.1	335	15.5
R607488		2.5	25	7.4	8.4	97	3.7
R607489		2.7	15	31.2	3.5	54	2.3
R607490		2.1	10	0.4	1.7	19	3.6
R607491		1.8	13	0.5	8.7	239	4.1
R607492		1.7	11	3.9	6.8	214	3.0
R607493		2.0	15	0.6	24.4	364	5.3
R607494		1.6	13	0.8	8.3	104	3.1
R607495		1.4	16	660	14.6	228	3.8
R607496		2.2	16	170.5	10.5	350	4.2
R607497		3.1	31	27.4	19.3	621	10.7
R607498		1.8	12	0.5	3.6	99	4.0
R607499		1.5	8	0.8	3.5	97	3.0
R607500		1.3	9	2.4	2.4	45	5.4
R607501		1.9	9	0.7	2.3	46	4.8
R607502		2.1	10	0.5	5.1	19	6.1
R607503		2.4	15	0.5	7.6	28	7.1
R607504		2.4	8	0.5	2.0	38	4.1
R607505		2.3	10	0.5	3.2	45	3.7
R607506		2.4	16	0.6	5.1	33	10.7
R607507		3.1	18	95.7	9.1	59	6.4
R607508		3.1	20	4.3	7.3	80	11.1
R607509		8.4	415	3.6	38.0	784	56.3
R607510		3.4	56	0.8	12.0	196	7.9
R607511		1.9	20	0.3	10.6	312	4.2
R607512		2.6	19	0.4	10.0	318	3.6
R607513		3.2	51	0.4	21.1	360	7.3
R607514		2.4	16	0.3	6.4	133	4.1
R607515		2.7	18	0.3	12.1	338	5.6
R607516		1.5	9	0.2	9.4	348	3.0
R607517		1.4	10	0.2	6.6	178	3.0
R607518		1.5	10	0.2	3.5	46	3.2
R607519		2.4	18	0.2	11.9	317	3.8

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VANCOUVER BC V6B 1L8

Finalized Date: 17-AUG-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15116448

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.

BAG-06	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-MS42	ME-MS61

ALS Canada Ltd.

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Finalized Date: 5-SEP-2015
Account: RCM

CERTIFICATE WH15133095

Project: NADALEEN

This report is for 30 Rock samples submitted to our lab in Whitehorse, YT, Canada on 2-SEP-2015.

The following have access to data associated with this certificate:

JULIA LANE	JOAN MARIACHER	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA13	Au by cyanide leach and AAS	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 *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 5-SEP-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15133095

Sample Description	Method Analyte Units LOR	Au-AA13 Au ppm 0.03
R607344		<0.03
R607345		0.03
R607346		0.04
R607347		<0.03
R607348		0.03
R607349		0.05
R607350		0.06
R607351		0.73
R607352		0.12
R607353		0.18
R607354		0.28
R607355		0.06
R607356		0.16
R607357		0.03
R607358		0.04
R607359		0.04
R607360		0.05
R607361		<0.03
R607362		0.03
R607363		0.03
R607364		<0.03
R607365		<0.03
R607366		<0.03
R607367		<0.03
R607368		0.03
R607369		<0.03
R607370		<0.03
R607371		0.03
R607372		<0.03
R607373		<0.03

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Project: NADALEEN

Finalized Date: 5-SEP-2015
Account: RCM

CERTIFICATE OF ANALYSIS WH15133095

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:

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

Au-AA13 FND-02

ALS Canada Ltd.

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Finalized Date: 5-SEP-2015
Account: RCM

CERTIFICATE WH15133102

Project: NADALEEN

This report is for 8 Rock samples submitted to our lab in Whitehorse, YT, Canada on 2-SEP-2015.

The following have access to data associated with this certificate:

JULIA LANE	JOAN MARIACHER	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA13	Au by cyanide leach and AAS	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 *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (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-SEP-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15133102

Sample Description	Method Analyte Units LOR	Au-AA13 Au ppm 0.03
R607374		<0.03
R607375		<0.03
R607376		<0.03
R607377		<0.03
R607378		<0.03
R607379		<0.03
R607380		<0.03
R607381		<0.03

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

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: NADALEEN

Finalized Date: 5-SEP-2015
Account: RCM

CERTIFICATE OF ANALYSIS WH15133102

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

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

Au-AA13 FND-02

ALS Canada Ltd.

2103 Dollarton Hwy
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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: 11-JUL-2015
Account: RCM

CERTIFICATE WH15093527

Project: NADALEEN

P.O. No.: NA-15-001

This report is for 50 Rock samples submitted to our lab in Whitehorse, YT, Canada on 26-JUN-2015.

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
BAG-06	Double Bagging Coarse Rejects
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

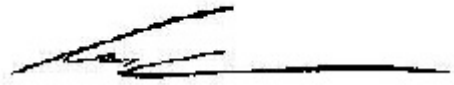
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	
Hg-MS42	Trace Hg by ICPMS	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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VANCOUVER BC V6B 1L8

Finalized Date: 11-JUL-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15093527

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
R501301		0.97	0.01	6.29	2.58	1550	3440	1.02	0.13	0.48	64.5	68.7	1.4	128	3.65	27.7
R501302		0.85	0.01	4.58	2.23	971	2630	0.78	0.15	0.41	34.4	58.4	1.3	110	4.02	33.2
R501303		0.64	0.01	5.22	3.71	692	2260	1.01	0.24	0.87	25.8	104.0	2.9	222	5.62	36.7
R501304		0.45	0.03	6.09	3.44	1660	3660	1.26	0.22	0.71	79.1	91.6	2.8	197	5.26	105.5
R501305		0.51	0.03	8.23	5.23	3190	3390	3.13	0.40	0.99	198.0	139.0	4.1	281	8.34	185.0
R501306		0.32	0.09	7.39	5.00	1590	1950	2.07	0.38	1.02	102.5	147.5	4.0	262	7.44	184.5
R501307		0.49	0.02	9.37	3.78	1700	3140	1.51	0.31	0.81	96.3	111.0	4.0	230	7.55	138.5
R501308		0.39	0.03	11.25	3.66	1800	3390	1.42	0.31	0.81	98.2	111.0	4.0	225	7.35	143.0
R501309		0.38	<0.01	3.42	6.02	3930	2100	2.94	0.21	0.34	305	86.6	13.5	158	11.80	148.0
R501310		0.77	<0.01	2.72	5.27	3950	2290	2.52	0.19	0.31	300	77.6	13.2	149	11.75	116.5
R501311		0.91	<0.01	2.88	4.45	4040	1530	3.29	0.15	0.30	226	60.3	12.4	137	9.28	185.0
R501312		0.99	<0.01	2.12	4.12	2140	1090	2.24	0.14	1.31	127.0	49.6	9.8	101	7.38	159.5
R501313		0.51	<0.01	2.32	4.18	1645	830	1.86	0.14	2.89	96.5	50.4	13.4	109	8.18	108.5
R501314		0.38	<0.01	2.48	2.88	551	560	1.12	0.12	8.72	26.4	41.0	9.0	104	6.59	51.3
R501315		0.48	<0.01	2.76	2.67	362	960	0.94	0.12	9.48	16.40	37.7	7.9	122	5.92	52.4
R501316		0.66	<0.01	1.83	1.87	291	490	0.72	0.09	11.95	15.95	29.5	5.6	80	4.49	36.9
R501317		0.41	<0.01	0.91	1.41	203	270	0.60	0.08	20.1	11.90	25.4	3.6	44	3.66	23.5
R501318		0.55	<0.01	2.45	2.95	268	840	1.08	0.13	16.15	20.8	45.2	6.5	98	8.36	46.4
R501319		0.68	0.01	5.73	2.80	496	810	0.86	0.14	9.68	10.60	36.7	4.0	60	5.16	49.9
R501320		0.91	0.01	0.86	5.58	134.5	2100	1.33	0.24	0.37	1.03	61.5	1.5	96	13.60	22.6
R501321		0.93	0.01	0.80	5.61	186.5	2070	1.27	0.25	0.34	0.54	62.3	1.1	100	13.00	26.9
R501322		0.84	0.01	0.71	6.10	526	2290	1.94	0.28	0.37	1.81	67.4	5.6	110	13.20	98.8
R501323		0.92	0.01	0.74	5.75	160.5	2200	1.46	0.24	0.25	0.39	61.0	1.2	103	12.75	14.7
R501324		1.06	<0.01	0.67	5.38	165.5	2100	1.41	0.22	0.26	0.42	60.1	0.8	110	12.10	11.0
R501325		1.02	<0.01	0.69	5.15	101.5	2220	1.39	0.24	0.23	0.45	61.8	0.8	108	12.05	8.4
R501326		0.81	<0.01	0.92	5.14	81.9	1540	1.36	0.24	0.13	0.26	61.7	1.0	102	14.70	13.7
R501327		0.91	<0.01	1.24	4.47	142.5	1860	1.20	0.22	0.12	0.17	54.0	0.9	85	15.00	17.2
R501328		0.84	0.01	1.90	4.58	145.5	1500	1.46	0.23	0.16	0.18	56.1	0.9	99	13.00	16.1
R501329		0.82	0.01	1.42	2.83	51.8	1070	0.97	0.15	0.10	0.19	31.1	0.4	56	8.00	60.8
R501330		0.86	0.02	1.30	2.55	48.5	1020	0.91	0.13	0.09	4.11	23.1	0.9	52	6.10	68.0
R501331		0.97	0.02	1.02	2.69	102.0	1050	0.86	0.12	0.09	0.40	27.8	0.4	48	6.89	48.9
R501332		1.00	0.20	1.15	2.57	267	990	0.76	0.13	0.11	0.27	28.2	0.3	55	7.12	59.3
R501333		0.84	0.01	0.42	1.14	165.5	640	0.40	0.07	0.15	0.49	14.05	0.3	47	3.33	66.4
R501334		0.75	<0.01	0.34	1.31	107.5	640	0.46	0.08	0.17	0.55	15.60	0.4	45	2.88	43.2
R501335		0.81	<0.01	0.34	0.92	50.0	420	0.33	0.05	0.10	0.46	10.50	0.2	34	2.14	32.3
R501336		0.74	<0.01	2.75	2.61	76.9	2240	0.91	0.16	0.48	2.47	20.4	0.9	117	8.39	13.6
R501337		0.74	0.01	3.42	3.04	84.6	1190	1.12	0.14	0.30	1.06	25.0	0.6	162	9.67	17.5
R501338		0.65	<0.01	1.34	2.83	48.5	1340	1.12	0.11	0.70	2.11	20.5	1.1	104	9.09	18.4
R501339		0.55	<0.01	3.24	3.12	61.4	1250	1.47	0.14	3.94	11.65	29.2	7.5	176	11.85	42.5
R501340		0.64	0.03	15.45	3.79	462	1170	2.26	0.20	3.49	52.0	42.3	8.5	533	13.60	129.0

***** 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: 11-JUL-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15093527

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-MS42	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	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
R501301		2.04	5.86	0.16	1.2	6.55	0.014	0.81	97.1	11.0	0.17	45	17.75	0.01	4.7	56.5
R501302		1.47	5.24	0.15	1.0	8.56	0.013	0.70	80.3	9.7	0.14	40	13.45	0.03	4.0	48.9
R501303		1.56	10.50	0.25	1.9	22.2	0.046	1.25	129.5	16.3	0.24	45	17.30	0.03	7.1	117.0
R501304		2.89	9.45	0.25	1.7	15.35	0.033	1.12	116.5	14.6	0.21	51	29.2	0.02	6.3	109.5
R501305		5.62	16.00	0.29	2.7	24.3	0.071	1.76	161.0	22.4	0.33	51	68.9	0.02	11.3	185.5
R501306		3.49	14.95	0.35	2.6	10.90	0.063	1.56	174.0	20.5	0.32	52	69.3	0.03	11.5	155.5
R501307		3.40	12.30	0.27	2.2	38.1	0.039	1.23	138.5	19.2	0.24	52	46.1	0.02	8.4	154.0
R501308		3.44	12.00	0.27	2.2	42.6	0.043	1.20	138.0	19.6	0.24	48	58.4	0.02	8.4	157.0
R501309		9.21	15.25	0.25	2.5	3.79	0.049	1.94	72.5	27.0	0.40	57	115.5	0.05	11.8	497
R501310		8.70	13.65	0.26	2.1	2.86	0.051	1.69	66.2	27.1	0.35	61	95.8	0.04	9.8	518
R501311		7.59	10.70	0.24	1.6	2.83	0.047	1.30	51.6	23.6	0.27	59	75.7	0.03	7.1	583
R501312		4.29	9.26	0.26	1.4	2.12	0.029	1.12	42.1	22.2	0.24	63	48.9	0.03	6.4	361
R501313		3.76	10.60	0.22	1.6	1.940	0.034	1.38	40.4	25.0	0.86	157	39.5	0.03	7.2	314
R501314		1.77	8.18	0.17	1.3	0.513	0.020	1.07	35.4	16.9	1.08	168	22.0	0.03	6.1	152.0
R501315		1.51	7.47	0.18	1.2	0.796	0.024	0.98	33.8	13.8	0.31	98	20.0	0.03	5.3	130.0
R501316		1.07	5.27	0.13	0.9	0.478	0.016	0.71	26.9	10.0	0.77	115	14.75	0.02	3.8	97.3
R501317		0.85	4.16	0.12	0.7	0.314	0.010	0.59	24.7	7.7	1.36	108	19.45	0.02	3.1	66.4
R501318		1.46	7.96	0.19	1.3	0.588	0.029	1.19	40.8	14.3	1.17	113	31.3	0.03	6.2	126.5
R501319		1.91	7.92	0.14	1.3	6.06	0.026	0.95	27.8	11.6	0.52	136	29.6	0.06	7.2	57.2
R501320		1.25	16.95	0.17	3.2	0.716	0.042	1.90	35.9	19.6	0.39	20	8.67	0.05	21.7	21.1
R501321		1.69	17.30	0.16	3.3	0.721	0.049	1.85	36.7	21.1	0.39	16	7.29	0.05	22.3	18.1
R501322		2.91	18.00	0.18	3.3	0.821	0.066	1.94	38.5	22.9	0.40	119	8.35	0.06	22.4	50.9
R501323		1.31	17.65	0.18	3.1	0.766	0.039	1.94	37.1	21.7	0.39	26	6.34	0.05	21.5	21.6
R501324		1.32	17.35	0.15	3.2	2.31	0.040	1.81	37.4	23.2	0.36	16	5.43	0.05	22.4	25.0
R501325		1.59	15.70	0.17	3.3	2.87	0.038	1.73	39.1	23.5	0.35	14	6.24	0.05	23.5	28.4
R501326		1.50	16.25	0.21	3.0	2.39	0.054	1.75	36.4	23.9	0.37	20	7.88	0.04	17.6	20.9
R501327		1.06	15.55	0.20	2.5	1.300	0.046	1.69	32.7	19.2	0.35	14	14.85	0.04	13.0	19.0
R501328		1.27	15.15	0.21	2.5	2.29	0.046	1.95	35.7	15.0	0.35	18	15.70	0.05	12.1	23.8
R501329		0.42	9.01	0.19	1.5	2.68	0.028	1.09	19.0	9.0	0.22	10	14.35	0.03	6.8	33.0
R501330		0.37	7.55	0.20	1.2	2.72	0.022	0.97	14.1	8.2	0.19	16	22.0	0.03	5.6	38.9
R501331		0.47	8.70	0.18	1.3	2.32	0.017	1.01	17.3	7.9	0.19	10	19.60	0.03	6.0	19.8
R501332		0.82	9.01	0.19	1.4	4.08	0.026	0.94	18.3	8.5	0.17	14	20.3	0.03	5.4	17.3
R501333		0.61	4.15	0.14	0.6	1.260	0.020	0.40	13.1	4.5	0.08	25	9.18	0.02	2.8	15.7
R501334		0.71	4.24	0.12	0.8	2.21	0.016	0.38	16.4	7.9	0.08	38	20.9	0.02	3.4	24.4
R501335		0.42	2.78	0.14	0.6	1.085	0.011	0.28	10.2	5.9	0.06	24	7.64	0.01	2.3	13.7
R501336		1.44	7.16	0.15	1.2	0.436	0.017	0.89	15.8	33.4	0.16	40	17.20	0.06	4.5	41.6
R501337		1.86	8.88	0.16	1.4	0.304	0.030	1.03	20.6	33.2	0.18	18	18.00	0.05	5.4	34.9
R501338		1.33	7.81	0.14	1.2	0.254	0.020	0.91	14.0	35.1	0.17	33	13.55	0.05	5.1	38.2
R501339		2.83	9.21	0.19	1.6	0.277	0.037	1.01	21.4	32.2	0.28	139	12.65	0.05	5.5	159.5
R501340		4.40	11.80	0.31	2.0	7.27	0.058	1.21	44.9	31.8	0.29	129	112.0	0.04	7.1	298

***** 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: 11-JUL-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15093527

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
R501301		2490	429	37.8	0.006	0.14	12.85	2.3	2	0.7	613	0.29	0.11	4.1	0.138	5.00
R501302		1840	264	34.3	0.007	0.14	13.25	1.9	2	0.6	458	0.25	0.13	3.6	0.117	4.73
R501303		3260	399	56.2	0.021	0.30	15.95	3.5	8	1.3	878	0.43	0.23	7.2	0.197	8.09
R501304		2930	428	51.0	0.011	0.26	31.8	3.3	5	1.2	727	0.39	0.24	5.9	0.180	7.65
R501305		3370	305	79.5	0.007	0.38	59.4	5.5	9	1.7	743	0.60	0.37	9.2	0.262	12.20
R501306		4260	430	71.2	0.011	0.36	35.9	4.8	15	1.7	1010	0.61	0.33	10.3	0.267	8.80
R501307		3690	757	54.2	0.025	0.32	31.4	4.1	8	1.6	886	0.52	0.21	7.7	0.199	9.49
R501308		3770	1525	53.3	0.021	0.32	34.6	4.1	11	1.5	884	0.51	0.26	7.6	0.195	9.96
R501309		1830	475	86.0	0.003	0.06	43.4	13.3	14	2.0	349	0.80	0.13	9.1	0.302	13.15
R501310		1850	331	78.4	0.002	0.06	42.1	13.3	20	1.7	375	0.66	0.15	8.2	0.265	12.40
R501311		1840	196.5	62.1	0.002	0.05	39.4	12.8	22	1.3	317	0.50	0.11	6.3	0.206	12.10
R501312		1100	79.7	55.0	0.004	0.06	23.5	8.5	30	1.2	187.5	0.44	0.09	5.3	0.179	9.39
R501313		900	73.6	63.9	0.003	0.06	18.90	8.2	24	1.4	143.5	0.50	0.09	6.1	0.216	7.96
R501314		870	16.1	51.6	0.004	0.08	13.65	5.7	17	1.0	163.0	0.41	0.11	4.7	0.158	4.57
R501315		960	13.7	46.4	0.004	0.09	13.20	4.9	14	1.0	204	0.37	0.09	4.1	0.148	5.10
R501316		680	18.3	35.2	0.013	0.10	9.75	3.5	9	0.7	188.0	0.26	0.08	3.1	0.103	4.58
R501317		410	12.5	28.6	0.059	0.16	8.68	2.8	8	0.5	235	0.20	0.06	2.5	0.079	3.11
R501318		840	21.0	57.2	0.043	0.15	12.60	5.3	11	1.1	269	0.43	0.10	4.7	0.167	5.90
R501319		800	865	43.4	0.005	0.08	13.50	4.9	5	1.0	279	0.47	0.06	4.7	0.177	5.52
R501320		800	40.4	94.0	0.011	0.19	6.04	6.9	2	2.0	174.5	1.42	0.09	9.0	0.388	3.15
R501321		780	45.2	93.3	0.006	0.36	6.35	6.7	2	1.9	175.0	1.46	0.07	8.7	0.399	4.01
R501322		1520	40.3	96.9	0.007	0.41	7.82	10.4	3	1.9	202	1.47	0.10	11.2	0.403	5.00
R501323		950	20.7	94.2	0.010	0.22	5.98	7.5	2	1.9	171.0	1.41	0.08	8.9	0.396	3.03
R501324		1080	24.8	89.8	0.010	0.28	6.02	7.3	2	1.9	176.0	1.43	0.08	8.7	0.398	11.50
R501325		950	28.2	89.3	0.024	0.48	8.78	6.6	3	1.9	212	1.53	0.09	8.9	0.395	11.50
R501326		890	19.1	92.0	0.015	0.76	9.43	7.7	23	1.8	225	1.17	0.12	11.0	0.349	10.85
R501327		710	19.4	91.5	0.019	0.40	10.40	10.1	16	1.7	137.0	0.84	0.13	11.3	0.291	8.77
R501328		580	18.7	95.3	0.029	0.35	11.00	9.2	12	1.6	154.0	0.79	0.20	9.5	0.297	7.94
R501329		290	17.7	58.5	0.055	0.16	19.75	5.2	19	1.1	89.4	0.44	0.14	5.0	0.178	8.50
R501330		200	12.4	48.1	0.038	0.15	59.9	4.3	26	0.9	56.4	0.37	0.07	4.0	0.154	3.72
R501331		300	46.1	52.1	0.027	0.16	22.2	4.5	24	1.0	92.2	0.40	0.19	4.4	0.163	5.94
R501332		450	56.4	45.3	0.024	0.22	17.70	4.1	19	1.2	163.0	0.36	0.16	4.0	0.157	9.77
R501333		400	10.1	20.9	0.017	0.14	7.79	2.4	8	0.5	134.5	0.18	0.07	1.8	0.072	4.36
R501334		370	9.6	21.0	0.087	0.19	5.89	2.1	7	0.5	104.5	0.20	0.11	1.9	0.083	8.92
R501335		220	6.9	15.1	0.055	0.11	4.60	1.4	5	0.4	57.8	0.13	0.05	1.4	0.054	3.88
R501336		3230	11.5	48.0	0.059	0.30	9.43	4.0	10	0.9	144.5	0.31	0.13	3.3	0.127	5.06
R501337		5400	12.7	60.4	0.042	0.29	7.56	6.2	11	1.0	163.0	0.35	0.15	4.8	0.155	2.12
R501338		4840	9.4	52.7	0.030	0.23	5.09	4.6	7	0.8	196.0	0.34	0.09	3.6	0.142	1.83
R501339		>10000	14.3	61.9	0.047	0.35	7.71	7.7	11	0.9	626	0.32	0.20	4.3	0.151	2.57
R501340		>10000	1395	71.3	0.077	0.39	33.7	10.0	48	1.3	593	0.45	0.31	6.2	0.199	6.22

***** 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: 11-JUL-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15093527

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
R501301		19.4	878	6.1	38.8	447	60.2
R501302		16.9	975	4.9	28.9	377	54.0
R501303		34.7	1740	5.7	43.2	591	104.0
R501304		32.2	1900	6.3	49.6	832	88.9
R501305		50.9	3420	8.9	127.0	1460	143.5
R501306		44.5	2410	8.1	77.0	1220	135.5
R501307		34.2	2060	7.7	56.6	1060	102.5
R501308		34.0	2050	7.8	56.7	1100	100.5
R501309		21.4	2910	4.8	91.6	4380	91.0
R501310		17.5	2790	4.2	79.9	4370	79.5
R501311		17.1	2790	3.7	77.6	4330	59.4
R501312		10.1	1900	3.0	64.7	2750	53.3
R501313		8.9	1840	2.6	52.4	2950	59.4
R501314		8.7	1480	1.2	35.6	1660	49.8
R501315		7.8	1320	1.4	33.4	1190	47.5
R501316		6.4	1000	1.0	26.6	996	34.2
R501317		7.2	602	0.7	21.9	722	26.3
R501318		10.3	1480	1.4	33.3	1320	49.2
R501319		5.2	634	2.0	21.9	520	47.5
R501320		4.5	570	4.5	18.9	84	113.5
R501321		4.7	612	4.7	18.3	59	113.0
R501322		7.0	679	5.0	24.6	231	130.5
R501323		5.2	679	5.0	18.3	35	113.5
R501324		5.8	630	5.1	17.9	28	118.5
R501325		6.2	608	5.1	18.5	24	119.5
R501326		7.0	667	4.3	19.0	16	103.5
R501327		6.1	611	3.7	16.1	12	90.3
R501328		6.8	601	3.9	15.8	15	91.3
R501329		7.8	916	2.3	9.3	8	53.5
R501330		6.6	1040	2.9	7.9	60	43.0
R501331		6.2	737	2.5	8.8	12	45.8
R501332		8.7	674	4.3	8.0	10	47.1
R501333		5.8	399	1.6	5.4	19	24.7
R501334		6.5	340	2.0	7.4	17	31.8
R501335		4.1	307	1.1	5.5	17	22.0
R501336		3.8	512	0.9	9.7	138	40.6
R501337		4.9	456	1.3	8.0	64	49.3
R501338		5.8	339	1.1	11.4	104	43.8
R501339		19.4	317	0.9	33.8	891	85.4
R501340		26.0	1260	2.5	62.3	1800	85.9

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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: 11-JUL-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15093527

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
R501341		0.80	<0.01	7.87	2.80	202	360	0.98	0.17	1.08	12.60	29.7	2.0	454	7.58	69.9
R501342		0.70	<0.01	3.06	3.54	94.0	1810	1.16	0.17	0.51	9.39	36.1	1.5	245	10.35	34.9
R501343		0.87	0.01	1.98	3.82	81.8	2080	1.28	0.21	0.07	0.40	36.4	0.9	225	13.70	27.5
R501344		0.67	0.01	1.41	4.08	41.2	250	1.32	0.25	0.02	0.14	37.7	1.8	199	15.30	48.7
R501345		0.85	<0.01	1.33	4.64	25.3	240	1.41	0.23	0.02	0.08	42.8	1.7	171	19.90	34.9
R501346		0.86	<0.01	1.82	4.45	21.0	280	1.33	0.23	0.02	0.13	41.3	2.1	183	20.4	54.4
R501347		1.02	<0.01	1.87	4.44	26.8	330	1.71	0.21	1.09	0.56	31.4	6.0	186	18.70	119.5
R501348		0.77	<0.01	1.58	4.57	56.8	600	1.95	0.21	0.46	2.57	38.4	8.6	199	18.15	173.5
R501349		0.78	<0.01	1.77	3.38	27.0	600	1.12	0.18	0.07	0.19	33.6	1.1	241	13.05	36.1
R501350		0.67	0.01	1.58	3.61	20.2	260	1.18	0.18	0.09	0.05	34.8	1.9	167	14.25	59.9

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VANCOUVER BC V6B 1L8

Finalized Date: 11-JUL-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15093527

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-MS42	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	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
R501341		2.20	9.84	0.23	1.8	1.145	0.043	1.01	29.3	27.9	0.16	27	42.5	0.03	6.1	115.0
R501342		1.21	10.80	0.20	2.1	0.952	0.021	1.25	31.3	17.4	0.22	25	25.6	0.05	8.0	61.4
R501343		1.15	10.75	0.27	2.0	0.319	0.025	1.29	28.3	15.4	0.23	13	20.3	0.04	7.8	29.1
R501344		1.50	11.90	0.27	2.1	0.424	0.026	1.38	25.5	16.9	0.24	19	17.50	0.04	8.2	38.7
R501345		1.61	12.60	0.28	2.3	0.441	0.031	1.60	27.4	18.8	0.28	18	12.50	0.05	9.5	32.6
R501346		1.82	12.15	0.26	2.2	0.416	0.032	1.49	27.7	18.7	0.27	19	20.9	0.05	8.7	44.6
R501347		3.05	11.50	0.27	2.0	0.399	0.043	1.39	18.0	17.7	0.29	39	29.5	0.05	7.9	122.0
R501348		2.89	11.50	0.28	2.2	0.343	0.046	1.42	27.9	19.2	0.33	48	14.95	0.05	8.0	154.0
R501349		0.93	9.46	0.28	1.9	0.322	0.023	1.13	28.4	22.9	0.20	15	13.50	0.04	7.3	43.5
R501350		1.55	10.10	0.21	1.9	0.261	0.032	1.20	25.3	18.7	0.21	24	6.73	0.04	8.2	40.5

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

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VANCOUVER BC V6B 1L8

Finalized Date: 11-JUL-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15093527

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
R501341		2870	339	53.4	0.192	0.51	27.7	8.2	27	1.1	389	0.41	0.19	4.8	0.185	2.41
R501342		1520	165.0	66.5	0.240	0.28	7.66	10.2	17	1.1	175.5	0.53	0.12	6.2	0.237	1.79
R501343		550	16.4	75.9	0.108	0.46	3.43	11.8	32	1.1	107.5	0.47	0.12	5.5	0.247	0.85
R501344		310	12.7	83.1	0.049	1.26	2.76	11.9	28	1.2	91.7	0.51	0.15	5.6	0.265	1.31
R501345		330	14.4	95.7	0.034	1.24	2.65	18.9	27	1.3	119.0	0.56	0.16	6.8	0.299	1.20
R501346		520	13.2	90.7	0.038	1.53	2.49	13.6	20	1.3	137.0	0.56	0.14	6.3	0.285	1.03
R501347		1270	10.6	85.2	0.046	3.01	2.07	12.3	19	1.2	213	0.50	0.14	4.8	0.259	1.05
R501348		2150	10.3	86.0	0.042	2.27	2.40	16.0	21	1.2	183.5	0.52	0.14	5.8	0.271	0.79
R501349		880	9.3	66.7	0.047	0.54	2.40	10.2	38	1.0	184.0	0.45	0.15	5.0	0.237	0.56
R501350		780	8.9	70.9	0.020	1.28	2.07	9.5	16	1.0	127.0	0.49	0.14	5.0	0.249	0.49

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 11-JUL-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15093527

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
R501341		14.7	402	2.3	24.1	571	73.8
R501342		11.4	353	1.6	22.3	361	76.5
R501343		7.8	241	1.3	23.5	65	84.3
R501344		6.4	238	1.2	14.6	20	85.6
R501345		5.3	223	1.3	14.8	18	95.9
R501346		6.2	224	1.2	17.0	27	93.0
R501347		12.8	217	1.2	36.7	247	86.6
R501348		16.1	236	1.1	53.7	559	89.4
R501349		7.7	216	1.2	18.8	75	86.3
R501350		4.5	226	1.0	13.7	26	80.4

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Project: NADALEEN

Finalized Date: 11-JUL-2015
Account: RCM

CERTIFICATE OF ANALYSIS WH15093527

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.

BAG-06	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-MS42	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: 14-JUL-2015
This copy reported on 18-AUG-2015
Account: RCM

CERTIFICATE WH15094748

Project: NADALEEN

P.O. No.: NA-15-002

This report is for 71 Rock samples submitted to our lab in Whitehorse, YT, Canada on 29-JUN-2015.

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
BAG-06	Double Bagging Coarse Rejects
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

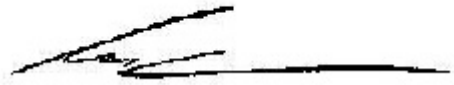
ANALYTICAL PROCEDURES

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-MS42	Trace Hg by ICPMS	ICP-MS
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

To: **ATAC RESOURCES LTD.**
ATTN: JOAN MARIACHER
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 WH15094748

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	As-OG62 As % 0.001	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
R501351		0.75	0.01		0.85	4.89	103.5	3160	1.91	0.21	0.33	0.70	44.6	6.4	166	16.40
R501352		0.74	0.01		0.77	5.31	164.5	3480	1.45	0.21	0.34	0.29	52.1	2.4	146	15.85
R501353		0.91	0.01		1.00	5.49	65.2	2670	1.44	0.22	0.33	0.13	53.7	0.8	142	18.00
R501354		0.60	0.01		1.14	4.06	108.5	4560	1.16	0.19	1.63	0.62	39.4	2.4	129	11.05
R501355		0.65	<0.01		1.18	4.47	162.5	4520	1.06	0.22	0.60	0.22	44.7	0.7	139	12.55
R501356		0.67	<0.01		0.79	4.80	1585	4940	1.73	0.20	1.15	4.14	45.2	7.7	161	13.75
R501357		0.91	<0.01		0.78	4.64	401	5050	1.25	0.22	0.48	0.51	49.0	1.2	158	12.30
R501358		0.72	<0.01		0.69	4.40	200	5360	1.03	0.22	0.23	0.14	46.7	0.6	144	13.60
R501359		0.69	<0.01		0.82	4.03	152.5	6480	1.05	0.22	0.27	0.18	42.7	0.6	130	12.40
R501360		0.74	0.01		1.07	4.15	153.5	4550	0.91	0.20	0.18	0.07	42.2	0.5	126	9.32
R501361		0.60	<0.01		1.12	4.32	150.5	3600	1.04	0.20	0.12	0.08	44.1	0.7	170	10.50
R501362		0.83	<0.01		1.69	4.33	451	3490	1.23	0.19	0.09	0.41	41.3	1.7	205	11.80
R501363		0.84	0.73		1.42	4.82	200	320	1.10	0.20	0.06	0.48	47.5	3.0	153	8.29
R501364		0.66	0.45		1.32	4.83	151.0	360	1.18	0.21	0.11	0.41	45.2	3.5	129	12.45
R501365		0.75	0.04		2.53	3.94	259	4100	1.06	0.22	0.21	0.24	37.7	1.2	216	8.63
R501366		0.63	0.01		1.51	4.19	178.0	630	1.17	0.23	0.10	0.52	40.0	2.3	219	9.80
R501367		0.56	0.03		1.40	3.43	191.5	1690	0.86	0.18	0.15	0.28	33.6	1.8	170	7.96
R501368		0.59	0.01		1.60	4.36	199.5	420	1.42	0.19	0.13	0.56	39.1	3.5	186	13.40
R501369		0.66	0.01		1.57	3.76	115.0	670	1.23	0.16	2.46	1.38	34.2	6.6	150	10.40
R501370		0.95	<0.01		1.27	4.72	116.0	2960	1.19	0.21	0.12	0.69	48.5	2.6	104	15.45
R501371		0.57	<0.01		0.83	5.03	89.9	2840	1.49	0.25	0.22	0.53	50.1	5.5	135	18.75
R501372		0.63	0.01		0.89	5.51	71.6	2820	1.64	0.24	0.34	1.22	54.2	5.8	154	21.7
R501373		0.79	0.01		2.07	5.29	149.5	1900	2.04	0.22	0.87	2.44	49.7	6.7	258	23.2
R501374		0.68	0.01		1.48	4.32	67.4	3350	1.58	0.18	2.54	1.27	40.7	6.1	146	17.05
R501375		0.77	<0.01		1.09	4.46	140.5	2270	1.55	0.20	0.13	0.34	42.0	5.5	119	14.95
R501376		0.75	<0.01		0.99	4.56	28.7	880	1.53	0.20	0.14	0.16	46.1	5.0	111	16.00
R501377		0.67	0.01		0.97	4.38	78.1	4370	1.22	0.19	0.03	0.11	43.0	3.0	108	14.05
R501378		0.74	0.01		1.35	4.48	35.9	1550	1.25	0.23	0.17	0.08	44.2	2.7	146	18.00
R501379		0.68	<0.01		1.38	4.19	62.2	610	2.26	0.21	5.66	11.60	36.8	9.1	127	17.45
R501380		0.67	0.01		1.75	3.84	35.9	530	1.11	0.22	0.23	0.32	34.6	2.6	133	15.15
R501381		0.81	<0.01		1.54	4.71	17.1	440	1.59	0.25	0.45	0.58	37.7	6.3	141	18.00
R501382		0.70	<0.01		1.23	5.43	35.9	280	1.69	0.23	1.23	0.96	43.4	5.6	154	22.4
R501383		0.91	0.01		1.42	5.29	22.1	270	1.71	0.23	0.37	1.30	40.0	6.5	131	21.5
R501384		0.65	<0.01		1.62	4.54	19.2	320	1.50	0.21	0.37	0.68	34.4	6.3	149	17.85
R501385		0.90	0.01		1.80	3.84	81.5	380	1.46	0.21	0.20	0.25	32.8	3.9	169	15.50
R501386		0.77	<0.01		2.05	3.87	96.3	480	1.55	0.20	0.94	1.33	34.0	7.2	242	15.15
R501387		0.92	<0.01		1.61	4.98	93.5	220	1.63	0.23	0.23	0.51	39.2	6.6	193	20.7
R501388		0.89	<0.01		2.07	4.10	49.8	400	1.53	0.22	0.28	0.57	32.6	5.2	263	15.20
R501389		0.83	0.03		1.99	4.31	76.5	470	1.99	0.19	0.49	1.39	37.1	5.4	244	16.70
R501390		0.75	<0.01		1.38	5.23	191.5	620	2.19	0.24	0.38	3.36	42.4	8.0	157	19.55

***** 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-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15094748

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-MS42	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	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1
R501351		114.0	2.69	14.35	0.16	2.2	0.177	0.054	1.60	34.9	18.9	0.24	54	5.41	0.05	9.4
R501352		43.0	1.86	16.15	0.15	2.8	0.296	0.038	1.73	39.1	19.4	0.27	17	5.95	0.05	10.5
R501353		35.0	1.23	16.20	0.16	2.9	0.212	0.041	1.84	39.6	22.2	0.29	13	4.20	0.07	11.3
R501354		38.0	1.36	11.70	0.14	2.1	0.275	0.038	1.31	32.5	17.7	0.34	84	4.30	0.05	8.7
R501355		28.9	0.91	12.45	0.14	2.3	0.287	0.031	1.49	36.9	16.3	0.26	20	3.92	0.04	9.2
R501356		73.7	3.86	12.90	0.16	2.5	0.183	0.047	1.44	35.4	20.4	0.40	243	7.80	0.04	8.6
R501357		24.4	1.03	13.70	0.16	2.5	0.265	0.044	1.48	39.6	17.6	0.27	42	7.37	0.04	9.9
R501358		16.0	0.62	12.90	0.16	2.4	0.634	0.042	1.44	38.3	15.8	0.24	16	10.65	0.04	9.5
R501359		23.8	0.53	11.70	0.15	2.2	0.839	0.039	1.30	36.4	15.1	0.22	20	4.69	0.03	8.7
R501360		12.3	0.67	11.95	0.17	2.2	1.390	0.020	1.36	36.4	15.5	0.21	15	14.80	0.04	8.7
R501361		13.3	0.86	12.35	0.22	2.1	1.610	0.017	1.42	37.7	15.7	0.22	16	7.97	0.04	8.8
R501362		37.2	2.26	11.75	0.27	2.0	1.695	0.041	1.47	35.8	14.4	0.22	22	7.68	0.04	8.0
R501363		78.4	1.66	13.85	0.24	2.4	3.48	0.034	1.68	31.3	22.7	0.18	51	6.19	0.03	8.9
R501364		59.6	1.47	14.00	0.18	2.3	4.15	0.043	1.69	29.0	18.4	0.19	56	12.85	0.03	9.0
R501365		28.0	1.21	11.15	0.16	1.8	2.21	0.055	1.42	28.5	20.7	0.19	27	5.77	0.02	8.1
R501366		44.4	1.63	12.05	0.17	1.9	1.580	0.047	1.50	28.7	16.3	0.22	21	4.50	0.03	8.6
R501367		21.2	1.51	9.69	0.16	1.7	1.575	0.033	1.21	25.2	19.7	0.17	32	4.26	0.03	7.0
R501368		71.4	2.56	11.90	0.17	1.9	0.679	0.045	1.55	28.3	21.5	0.22	26	8.56	0.03	8.3
R501369		54.3	2.31	10.10	0.17	1.6	0.327	0.041	1.30	26.8	17.5	0.48	102	5.78	0.03	7.2
R501370		35.9	2.23	13.60	0.14	2.3	0.225	0.043	1.52	31.0	15.2	0.22	37	10.20	0.04	9.1
R501371		46.6	2.59	14.05	0.15	2.4	0.216	0.051	1.60	34.7	17.0	0.24	52	6.35	0.05	9.4
R501372		55.0	2.91	15.20	0.15	2.7	0.251	0.054	1.79	38.2	17.3	0.27	87	10.40	0.06	9.7
R501373		113.5	3.75	14.50	0.19	2.4	0.250	0.058	1.68	39.3	19.8	0.28	90	11.60	0.06	8.8
R501374		96.0	3.09	11.85	0.18	2.2	0.256	0.044	1.35	36.4	16.4	0.28	94	6.92	0.04	8.0
R501375		76.3	2.44	12.90	0.15	2.2	0.165	0.049	1.38	28.7	16.6	0.21	45	13.70	0.05	8.4
R501376		68.8	2.10	13.30	0.15	2.3	0.151	0.041	1.44	29.8	15.0	0.21	33	5.87	0.04	8.7
R501377		39.5	1.66	13.05	0.20	2.3	0.151	0.039	1.37	29.3	16.0	0.21	14	6.04	0.03	8.8
R501378		35.7	1.69	12.95	0.17	2.2	0.266	0.033	1.46	34.8	15.4	0.23	13	13.20	0.05	8.4
R501379		195.5	3.08	11.00	0.20	2.0	0.239	0.045	1.24	30.0	14.5	0.68	82	10.85	0.04	7.1
R501380		49.7	1.83	11.00	0.15	1.9	0.250	0.040	1.23	24.0	14.8	0.22	28	5.05	0.04	7.0
R501381		118.5	2.45	12.95	0.18	2.2	0.269	0.055	1.45	26.5	15.5	0.26	57	5.85	0.05	8.2
R501382		78.1	3.09	14.45	0.17	2.3	0.266	0.057	1.74	31.5	16.7	0.63	69	6.33	0.05	8.6
R501383		76.1	2.64	14.25	0.16	2.3	0.268	0.052	1.69	24.3	17.0	0.35	64	4.79	0.05	8.8
R501384		77.6	2.39	12.40	0.15	2.2	0.270	0.043	1.42	20.1	17.0	0.29	56	4.81	0.05	8.1
R501385		115.0	2.09	11.20	0.15	2.1	0.278	0.048	1.24	22.3	16.5	0.22	33	7.36	0.04	7.9
R501386		147.0	2.68	10.95	0.20	2.2	0.264	0.050	1.25	30.1	17.0	0.41	70	16.80	0.04	7.7
R501387		115.5	2.64	14.25	0.18	2.6	0.310	0.060	1.62	23.7	18.2	0.31	36	15.95	0.05	9.2
R501388		169.0	2.43	11.65	0.18	2.2	0.317	0.046	1.33	23.7	18.7	0.25	37	16.50	0.04	7.6
R501389		223	2.93	12.10	0.19	2.5	0.311	0.056	1.38	30.2	19.9	0.28	46	22.6	0.05	8.3
R501390		129.0	3.72	13.80	0.18	2.4	0.287	0.064	1.62	31.5	22.7	0.33	71	8.91	0.05	8.4

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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	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
R501351		116.0	1200	11.6	92.4	0.006	0.26	1.86	13.7	12	1.5	321	0.57	0.09	6.7	0.287
R501352		51.0	1230	13.6	99.0	<0.002	0.32	1.39	10.3	3	1.7	213	0.63	0.09	7.9	0.335
R501353		24.0	370	15.0	102.5	<0.002	0.33	1.05	7.3	2	1.9	157.0	0.68	0.09	8.5	0.364
R501354		44.3	720	11.8	73.0	0.004	0.21	1.41	7.3	3	1.3	206	0.53	0.10	6.1	0.266
R501355		22.4	630	12.3	84.0	0.004	0.26	1.57	5.6	2	1.5	132.0	0.57	<0.05	6.9	0.303
R501356		123.5	2260	10.7	83.5	0.018	0.30	2.32	17.2	6	1.4	221	0.55	0.09	6.9	0.282
R501357		36.5	680	11.9	89.8	0.022	0.25	2.52	9.0	6	1.6	120.5	0.64	0.10	7.5	0.314
R501358		23.9	250	15.9	85.6	0.015	0.22	2.81	7.5	7	1.6	87.3	0.60	0.10	7.3	0.307
R501359		21.6	350	11.1	78.5	0.017	0.21	2.66	6.8	4	1.5	88.9	0.54	0.11	6.9	0.282
R501360		20.4	230	7.9	77.8	0.017	0.23	2.99	5.1	12	1.4	75.6	0.55	0.09	6.4	0.277
R501361		22.3	270	9.6	83.0	0.026	0.27	2.72	5.3	28	1.3	77.6	0.57	0.11	6.8	0.273
R501362		36.1	1340	11.0	82.4	0.067	0.38	3.53	6.1	70	1.3	120.0	0.53	0.10	6.4	0.256
R501363		36.4	460	14.3	82.9	0.029	1.32	3.44	8.1	47	1.5	131.5	0.57	0.12	7.1	0.304
R501364		33.4	520	13.1	85.9	0.031	1.07	2.74	7.4	17	1.6	108.0	0.58	0.14	6.5	0.298
R501365		30.9	2980	10.2	75.0	0.030	0.32	2.38	8.3	16	1.3	169.5	0.52	0.24	6.2	0.245
R501366		41.0	1040	12.3	82.4	0.023	0.80	2.46	8.0	16	1.3	160.5	0.55	0.26	6.6	0.260
R501367		39.4	1220	9.6	64.2	0.018	0.49	2.43	8.2	19	1.1	148.5	0.44	0.22	5.4	0.209
R501368		61.0	1280	11.4	83.4	0.025	1.35	2.13	8.7	18	1.4	132.0	0.53	0.14	6.1	0.257
R501369		92.8	1460	9.5	69.8	0.017	0.95	1.87	8.4	12	1.2	257	0.46	0.19	5.2	0.223
R501370		36.4	630	12.3	85.7	0.007	0.42	2.12	8.5	3	1.4	229	0.59	0.11	6.8	0.291
R501371		68.3	1080	12.7	93.7	0.015	0.39	2.47	11.7	5	1.5	230	0.60	0.15	7.1	0.302
R501372		81.2	1350	14.1	102.0	0.016	0.44	2.80	11.9	6	1.6	284	0.63	0.14	7.7	0.324
R501373		126.5	1400	13.1	98.8	0.010	0.40	2.96	14.6	16	1.6	383	0.57	0.13	7.6	0.296
R501374		110.5	800	11.1	77.0	0.013	0.22	2.03	13.3	9	1.2	275	0.53	0.10	6.3	0.261
R501375		61.3	1110	11.5	77.3	0.016	0.45	2.27	13.9	8	1.3	226	0.53	0.09	6.2	0.267
R501376		55.6	750	11.4	81.0	0.015	0.67	2.15	11.7	9	1.4	180.5	0.57	0.09	6.3	0.274
R501377		44.8	660	11.2	76.3	0.020	0.35	2.08	9.6	30	1.3	203	0.57	0.10	6.2	0.273
R501378		53.3	480	11.5	83.7	0.024	0.50	2.23	9.2	15	1.4	166.5	0.54	0.11	6.3	0.270
R501379		138.0	1140	9.2	73.1	0.024	1.51	1.72	11.6	15	1.2	402	0.46	0.11	5.5	0.234
R501380		32.1	550	10.9	68.1	0.014	1.15	2.02	10.7	11	1.2	128.0	0.45	0.15	5.7	0.234
R501381		77.8	1320	11.0	84.8	0.016	2.30	2.11	11.8	10	1.4	181.0	0.53	0.13	6.2	0.271
R501382		67.5	980	12.1	98.3	0.017	1.98	1.83	13.1	11	1.6	236	0.57	0.12	6.8	0.291
R501383		57.8	600	11.8	99.0	0.015	2.51	1.81	12.7	8	1.6	158.0	0.57	0.15	6.5	0.294
R501384		69.1	610	10.9	83.4	0.013	2.36	1.92	10.6	10	1.3	162.0	0.54	0.11	5.6	0.258
R501385		57.7	1340	10.2	71.1	0.017	1.83	2.18	12.4	13	1.2	166.0	0.52	0.17	5.1	0.246
R501386		163.5	1900	10.1	70.7	0.042	2.36	2.93	13.0	24	1.1	219	0.48	0.15	5.4	0.244
R501387		93.1	1000	12.7	97.0	0.028	2.53	2.43	17.2	17	1.5	153.5	0.61	0.17	6.7	0.296
R501388		108.5	1340	10.1	75.7	0.038	2.42	2.58	11.3	23	1.3	153.5	0.51	0.10	5.3	0.246
R501389		127.0	2040	11.4	81.0	0.060	2.47	2.91	15.1	22	1.4	181.5	0.54	0.10	6.1	0.274
R501390		112.5	1600	11.6	92.3	0.021	1.53	2.21	17.0	13	1.6	227	0.57	0.12	6.9	0.282

***** 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-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15094748

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
R501351		2.70	5.9	261	1.6	32.5	390	89.8
R501352		6.57	4.5	255	2.3	17.1	153	107.5
R501353		9.02	5.5	242	2.4	15.9	19	111.5
R501354		6.88	3.8	224	1.6	19.2	105	81.6
R501355		10.05	5.3	214	2.0	11.3	25	94.1
R501356		12.30	7.2	277	2.0	33.5	471	101.5
R501357		10.10	8.0	238	2.0	13.6	61	96.6
R501358		12.05	6.0	227	1.9	9.8	21	91.3
R501359		10.55	7.0	219	1.9	10.1	35	85.3
R501360		7.59	4.1	227	1.8	8.1	16	82.6
R501361		8.78	4.6	231	1.8	10.5	19	78.9
R501362		12.35	7.3	254	1.8	15.4	111	75.6
R501363		7.49	6.0	249	3.0	15.0	38	87.9
R501364		8.28	7.1	248	3.2	15.2	56	82.1
R501365		8.15	7.6	288	3.0	12.0	71	67.7
R501366		10.60	6.7	264	1.9	16.9	84	72.4
R501367		6.59	5.4	222	2.3	13.4	85	62.3
R501368		4.99	7.1	298	2.2	22.7	139	69.7
R501369		2.53	5.5	244	1.5	27.6	378	62.8
R501370		1.47	4.4	246	1.4	15.1	103	87.2
R501371		1.41	5.0	268	1.4	21.8	248	90.6
R501372		1.46	6.5	282	1.4	25.3	326	96.9
R501373		1.43	7.2	305	1.4	31.8	530	90.7
R501374		0.81	6.1	242	1.2	33.9	390	81.7
R501375		0.89	6.7	244	1.4	23.5	213	80.0
R501376		0.55	5.1	240	1.5	17.1	203	83.6
R501377		0.54	4.2	247	1.4	14.8	137	81.7
R501378		0.68	5.2	237	1.4	15.6	206	88.1
R501379		0.88	7.4	193	1.3	75.8	615	81.8
R501380		0.60	3.5	205	1.7	14.8	118	68.8
R501381		0.56	6.2	223	1.7	27.3	198	80.1
R501382		0.93	5.6	217	1.4	32.3	213	90.3
R501383		0.81	5.1	207	1.7	24.6	154	86.2
R501384		0.59	5.0	205	1.6	25.2	197	77.4
R501385		0.59	8.6	234	1.7	24.9	84	79.1
R501386		0.65	13.7	237	1.3	42.4	553	91.5
R501387		0.82	10.7	239	1.4	32.8	163	96.8
R501388		0.64	13.8	251	1.3	34.3	245	83.4
R501389		0.90	16.5	266	1.4	51.6	320	99.5
R501390		0.81	10.6	239	1.7	45.9	559	91.3

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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-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15094748

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	As-OG62 As % 0.001	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
R501391		0.86	0.01		1.62	4.69	45.0	270	1.49	0.19	0.16	0.74	36.4	5.1	146	15.65
R501392		0.89	0.01		1.81	3.75	53.8	310	1.53	0.18	0.11	0.19	35.6	3.3	172	13.05
R501393		0.86	0.01		2.13	3.71	112.0	440	1.87	0.18	0.19	0.91	33.9	2.3	261	14.60
R501394		0.81	0.01		1.80	3.91	147.0	410	2.00	0.17	0.20	0.34	33.8	3.6	264	15.30
R501395		1.05	0.01		1.97	4.13	57.0	280	1.63	0.20	0.27	0.32	34.2	5.8	260	15.30
R501396		0.81	<0.01		8.07	3.98	106.5	300	1.81	0.18	2.36	5.16	35.6	10.0	345	13.75
R501397		0.68	0.01		6.44	3.38	104.0	430	2.07	0.12	4.19	13.85	25.7	17.3	293	10.30
R501398		0.67	<0.01		6.01	1.67	31.8	460	0.83	0.07	15.40	5.12	17.40	5.0	232	5.70
R501399		0.80	<0.01		4.63	1.17	27.6	580	0.61	0.05	20.4	4.46	13.05	3.1	173	3.60
R501400		0.70	<0.01		6.96	1.87	48.2	430	0.83	0.09	12.60	8.71	20.5	7.1	254	5.54
R501401		0.88	<0.01		6.37	1.54	46.2	440	0.75	0.07	16.95	6.24	17.40	2.9	260	4.49
R501402		0.78	<0.01		5.66	1.31	30.0	470	0.63	0.07	17.80	4.08	14.00	3.7	189	3.44
R501403		0.58	0.01		5.82	2.83	57.9	360	1.12	0.14	8.88	3.97	27.6	6.6	293	8.19
R501404		0.79	0.02		3.33	3.77	40.4	410	1.48	0.19	1.75	1.02	35.3	4.2	292	12.15
R501405		0.80	<0.01		2.89	1.75	44.1	230	0.92	0.08	16.25	2.95	17.70	5.0	179	4.98
R501406		0.80	<0.01		10.70	3.87	78.9	130	1.78	0.18	3.82	4.95	35.3	11.3	390	12.70
R501407		0.76	<0.01		8.25	3.93	67.7	180	1.46	0.17	2.91	4.35	15.50	6.5	457	15.05
R501408		0.63	0.01		26.6	3.07	106.5	230	1.50	0.17	11.50	131.0	30.9	4.7	953	13.30
R501409		0.89	0.01	2.65	2.18	7.30	>10000	1220	4.49	0.08	0.80	58.2	35.9	11.7	174	6.38
R501410		0.69	<0.01		0.68	2.11	3920	510	1.16	0.04	14.65	14.20	15.65	3.0	54	3.19
R501411		0.76	<0.01		0.45	2.36	1970	450	1.01	0.06	23.7	8.57	25.3	4.5	42	3.81
R501412		0.77	<0.01		0.51	2.67	1265	500	1.03	0.08	21.1	6.79	29.7	5.4	42	4.34
R501413		0.86	<0.01		0.40	2.12	1030	560	0.93	0.06	26.2	6.52	25.7	5.8	32	3.50
R501414		2.35	<0.01		0.44	1.84	1170	470	0.92	0.06	26.4	8.19	23.3	6.5	28	2.94
R501415		1.61	<0.01		0.65	2.54	2320	570	1.32	0.06	22.4	13.10	28.3	7.9	40	4.13
R501416		1.06	0.01		1.53	2.62	2100	560	1.42	0.07	22.7	18.95	32.3	7.3	40	5.57
R501417		0.84	0.01		1.24	2.22	1605	400	1.10	0.06	25.9	15.00	28.0	5.9	30	4.65
R501418		0.72	0.01		0.65	2.42	1345	390	0.95	0.07	26.3	7.63	26.7	8.9	28	5.27
R501419		0.75	0.01		0.43	2.01	1020	470	0.79	0.05	27.3	6.99	23.5	5.4	23	4.27
R501420		0.84	<0.01		0.48	1.86	944	420	0.78	0.06	28.7	7.58	24.6	4.4	22	4.28
R501421		0.70	<0.01		0.91	2.56	1240	410	1.04	0.07	22.9	10.20	32.8	8.3	35	6.71

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

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VANCOUVER BC V6B 1L8

Finalized Date: 14-JUL-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15094748

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-MS42	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	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1
R501391		95.0	2.40	12.55	0.16	2.1	0.303	0.051	1.44	20.5	17.9	0.26	47	6.05	0.04	8.1
R501392		140.5	1.87	11.20	0.18	2.1	0.296	0.064	1.19	24.4	18.3	0.20	28	6.23	0.04	8.2
R501393		230	1.99	10.85	0.20	2.1	0.350	0.060	1.17	27.7	20.5	0.20	17	13.00	0.04	7.5
R501394		270	2.48	10.75	0.19	2.0	0.282	0.100	1.19	25.4	20.4	0.21	26	14.10	0.04	7.2
R501395		249	2.67	11.60	0.19	2.2	0.335	0.042	1.25	24.1	19.6	0.23	29	19.00	0.04	7.9
R501396		180.5	3.65	11.00	0.22	2.1	0.334	0.054	1.19	33.9	22.0	0.37	130	29.5	0.04	7.5
R501397		218	4.49	8.09	0.23	1.5	0.271	0.044	0.80	27.7	17.1	0.85	221	25.3	0.03	5.3
R501398		69.0	1.39	4.56	0.15	0.9	0.116	0.024	0.48	23.0	9.3	0.41	93	16.80	0.03	3.4
R501399		45.9	1.04	3.13	0.14	0.7	0.091	0.015	0.32	17.5	7.4	0.50	66	18.30	0.02	2.5
R501400		59.7	1.63	4.85	0.19	1.0	0.109	0.028	0.54	24.1	9.7	0.39	121	23.3	0.02	4.1
R501401		59.0	1.22	4.22	0.20	0.8	0.115	0.021	0.44	24.4	7.7	0.41	57	20.2	0.02	3.3
R501402		50.6	1.25	3.21	0.16	0.7	0.113	0.018	0.36	20.0	7.6	0.59	88	13.80	0.02	2.7
R501403		115.0	2.72	8.16	0.21	1.5	0.369	0.034	0.78	35.3	17.4	0.34	85	17.55	0.03	5.4
R501404		134.0	2.11	11.05	0.24	2.1	0.387	0.047	1.16	30.2	23.3	0.28	36	20.4	0.03	7.9
R501405		64.7	1.95	5.68	0.15	1.0	0.224	0.025	0.51	24.8	12.6	1.39	122	14.30	0.03	3.1
R501406		120.0	4.47	12.65	0.25	2.1	0.476	0.055	1.17	35.7	24.7	0.42	147	58.6	0.03	7.1
R501407		151.5	2.92	11.20	0.26	2.0	0.419	0.046	1.13	6.2	22.2	0.32	53	55.0	0.04	7.0
R501408		171.0	1.86	8.62	0.41	1.7	0.549	0.041	0.91	40.4	18.0	0.48	56	145.0	0.04	5.4
R501409		235	4.80	5.66	0.16	0.8	3.93	0.029	0.62	37.1	12.1	0.14	238	17.70	0.03	3.1
R501410		79.0	1.40	3.09	0.09	0.4	1.050	0.014	0.38	14.2	8.4	0.21	120	7.90	0.03	1.8
R501411		29.0	1.37	5.02	0.12	0.7	0.443	0.020	0.81	18.7	8.9	1.12	165	4.89	0.05	3.4
R501412		23.5	1.49	6.36	0.14	0.9	0.314	0.020	1.05	20.9	10.6	1.94	179	3.90	0.08	4.4
R501413		16.6	1.27	5.04	0.15	0.8	0.231	0.018	0.86	18.3	9.2	1.22	203	3.02	0.08	3.5
R501414		14.8	1.13	4.23	0.14	0.7	0.291	0.019	0.73	16.6	8.0	1.14	204	3.03	0.07	3.1
R501415		25.5	1.70	5.43	0.15	0.8	0.603	0.019	0.89	20.2	9.8	1.34	224	5.10	0.09	4.0
R501416		24.5	2.19	6.24	0.14	1.0	0.833	0.024	1.04	23.4	10.0	0.87	194	9.03	0.06	4.5
R501417		17.2	1.61	5.66	0.13	0.8	0.704	0.025	0.98	20.6	7.9	0.74	170	4.67	0.03	3.8
R501418		14.3	1.48	6.44	0.17	0.9	0.474	0.024	1.18	18.3	8.8	0.64	247	3.49	0.03	4.0
R501419		11.0	1.30	5.24	0.15	0.8	0.408	0.023	0.99	15.7	7.4	0.66	197	3.35	0.02	3.4
R501420		10.6	1.15	5.06	0.14	0.7	0.464	0.020	0.92	18.1	6.9	0.80	158	2.66	0.02	3.2
R501421		15.5	1.66	6.85	0.16	1.0	0.757	0.027	1.26	23.6	10.6	1.33	232	4.77	0.02	4.3

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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	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
R501391		58.7	590	11.6	87.7	0.012	2.27	1.85	12.7	10	1.4	96.0	0.50	0.12	5.5	0.267
R501392		51.7	660	10.3	74.0	0.018	1.48	2.06	11.6	14	1.2	114.0	0.50	0.14	5.1	0.249
R501393		77.3	1180	9.7	71.1	0.049	1.36	2.62	13.6	24	1.1	173.5	0.45	0.13	5.1	0.240
R501394		105.0	1410	9.5	72.0	0.041	1.38	2.64	16.7	22	1.2	272	0.45	0.15	5.2	0.242
R501395		142.5	1260	10.7	81.9	0.051	2.68	2.83	13.1	22	1.3	131.0	0.49	0.14	5.3	0.255
R501396		246	3020	10.1	75.8	0.078	2.54	4.68	13.4	32	1.2	424	0.46	0.10	5.7	0.249
R501397		307	5630	7.8	49.7	0.075	1.59	3.64	13.0	30	0.8	456	0.32	0.08	4.0	0.175
R501398		138.5	2180	5.0	30.1	0.056	1.02	3.76	6.0	23	0.5	1090	0.21	0.08	2.5	0.101
R501399		98.8	2420	3.6	20.5	0.046	0.89	3.23	4.2	19	0.4	1470	0.14	0.05	1.8	0.070
R501400		171.0	2150	5.7	33.6	0.064	1.29	4.88	6.0	29	0.6	1055	0.24	0.08	2.8	0.115
R501401		135.5	2820	4.8	27.9	0.059	1.25	4.10	5.1	27	0.5	1365	0.20	0.08	2.4	0.095
R501402		108.5	3390	3.8	21.7	0.034	1.20	2.77	4.4	19	0.4	1350	0.16	0.06	2.0	0.078
R501403		194.0	3760	7.9	49.9	0.048	3.00	3.92	14.5	28	0.9	731	0.35	0.09	4.1	0.180
R501404		134.5	1340	9.9	71.0	0.060	2.28	4.00	10.1	30	1.2	227	0.49	0.12	5.4	0.251
R501405		143.0	6800	5.2	31.7	0.056	1.92	3.06	7.3	19	0.5	1130	0.20	0.07	2.7	0.105
R501406		269	6340	10.6	78.1	0.122	4.36	5.68	12.8	41	1.4	416	0.45	0.12	5.6	0.243
R501407		284	1640	9.9	73.8	0.169	3.32	6.24	13.1	46	1.3	262	0.43	0.12	3.4	0.239
R501408		578	6850	11.4	62.4	0.618	2.45	56.2	12.8	130	1.0	974	0.35	0.26	4.7	0.192
R501409		325	5480	47.3	33.3	0.005	0.11	18.05	4.4	7	0.6	597	0.19	0.15	2.8	0.093
R501410		79.4	1350	12.2	20.4	0.003	0.05	5.48	2.1	4	0.4	456	0.11	0.06	1.5	0.056
R501411		62.5	840	17.6	37.6	0.002	0.04	3.30	3.8	2	0.6	628	0.21	<0.05	2.8	0.107
R501412		56.6	1240	22.5	48.3	<0.002	0.04	3.19	4.8	2	0.9	521	0.28	<0.05	3.6	0.140
R501413		47.7	850	22.4	37.9	0.002	0.03	2.39	3.9	2	0.7	698	0.21	<0.05	2.9	0.114
R501414		47.4	630	23.7	32.2	0.002	0.03	2.28	3.5	1	0.6	665	0.19	<0.05	2.5	0.094
R501415		86.7	840	43.4	39.9	0.002	0.06	4.06	4.4	2	0.8	617	0.26	<0.05	3.1	0.121
R501416		144.5	540	103.5	46.0	<0.002	0.04	6.80	5.2	2	0.7	481	0.28	<0.05	3.5	0.137
R501417		107.0	340	89.7	42.2	<0.002	0.05	5.40	4.7	2	0.7	461	0.23	<0.05	3.2	0.120
R501418		106.5	280	24.2	50.2	0.002	0.03	4.43	4.6	2	0.9	690	0.26	<0.05	3.4	0.135
R501419		82.3	190	12.7	41.2	0.003	0.02	3.62	4.0	2	0.7	764	0.21	<0.05	2.8	0.111
R501420		69.8	190	10.2	39.3	0.002	0.06	3.66	3.9	2	0.7	502	0.21	<0.05	2.7	0.108
R501421		118.0	500	13.4	55.1	0.002	0.03	6.10	5.3	2	0.9	369	0.28	<0.05	3.7	0.145

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

ALS Canada Ltd.
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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-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15094748

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
R501391		0.52	5.7	209	1.4	30.3	148	78.0
R501392		0.56	8.6	235	1.4	25.9	121	79.7
R501393		0.68	18.6	247	1.3	38.1	159	86.9
R501394		0.65	22.2	254	1.1	38.8	233	82.9
R501395		0.70	13.2	248	1.1	37.8	184	89.4
R501396		0.89	18.0	259	1.2	72.4	972	87.8
R501397		0.70	23.3	210	1.0	92.7	1960	63.7
R501398		0.53	12.7	232	0.6	46.3	591	41.2
R501399		0.56	11.5	199	0.7	37.1	359	33.4
R501400		0.81	14.2	303	0.9	47.1	840	42.6
R501401		0.77	11.6	246	1.1	38.2	389	36.5
R501402		0.49	9.3	174	1.0	37.0	456	35.2
R501403		0.90	13.3	209	1.2	68.5	991	64.1
R501404		0.81	15.9	259	1.7	42.4	206	85.7
R501405		0.59	16.9	138	1.0	52.2	635	44.8
R501406		1.43	25.0	245	1.3	69.1	1120	87.0
R501407		1.94	30.9	283	1.1	50.4	864	81.8
R501408		9.71	37.5	2110	1.6	99.5	3370	79.2
R501409		45.3	49.4	2160	1.5	155.0	2640	34.7
R501410		7.78	11.9	644	0.7	40.5	502	17.9
R501411		5.99	6.1	291	0.7	29.0	535	27.6
R501412		4.95	4.8	247	0.8	26.0	496	34.5
R501413		4.52	3.3	181	0.6	23.6	452	27.3
R501414		5.01	3.1	175	0.5	22.9	438	23.6
R501415		6.82	4.8	328	0.7	33.1	730	30.7
R501416		5.52	4.1	372	1.0	35.6	1200	37.1
R501417		4.26	3.4	265	0.8	25.4	1100	31.7
R501418		5.42	3.1	224	0.7	15.8	1090	33.3
R501419		5.29	2.9	161	0.5	14.5	1080	28.4
R501420		4.00	3.0	174	0.5	18.0	873	27.4
R501421		6.17	3.7	296	0.9	22.5	1220	35.6

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

Project: NADALEEN

Finalized Date: 14-JUL-2015
Account: RCM

CERTIFICATE OF ANALYSIS WH15094748

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.

BAG-06	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-MS42	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: 19-JUL-2015
Account: RCM

CERTIFICATE WH15097641

Project: NADALEEN

P.O. No.: NA-15-003

This report is for 23 Rock samples submitted to our lab in Whitehorse, YT, Canada on 3-JUL-2015.

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
BAG-06	Double Bagging Coarse Rejects
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

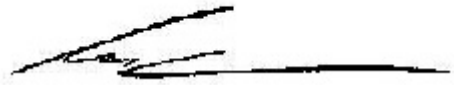
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
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	
Hg-MS42	Trace Hg by ICPMS	ICP-MS
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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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 19-JUL-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15097641

Sample Description	Method	WEI-21	Au-AA26	Zn-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	Zn	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
R501422		0.66	0.02		0.19	0.16	97.3	100	0.17	0.03	36.1	5.58	3.32	0.8	9	0.38
R501423		0.92	0.06		0.90	0.25	148.0	300	0.19	0.03	32.3	6.22	8.43	0.5	22	0.53
R501424		0.66	0.23		3.28	1.42	532	1620	0.56	0.07	27.7	9.92	46.5	1.8	116	3.19
R501425		0.65	0.18		4.55	3.03	844	3920	1.03	0.13	22.5	10.50	97.2	2.3	273	5.50
R501426		0.66	0.04		0.54	0.15	110.5	230	0.12	0.02	37.5	3.66	5.85	0.7	11	0.37
R501427		0.79	0.04		0.92	0.10	101.0	140	0.15	0.02	37.7	6.53	6.02	0.5	8	0.27
R501428		0.73	0.04		0.37	0.06	196.0	150	0.20	0.02	37.4	5.91	3.72	0.6	4	0.12
R501429		0.69	0.02		0.16	0.04	26.0	70	0.19	0.07	37.3	3.01	2.17	0.4	2	0.07
R501430		0.68	0.06		1.56	0.26	107.5	810	0.20	0.03	34.7	7.14	11.45	0.4	13	0.59
R501431		0.86	0.03		0.93	0.04	53.9	90	0.11	0.01	38.4	10.95	3.25	0.4	3	0.21
R501432		0.84	0.05		1.17	0.06	79.0	190	0.13	0.02	38.5	10.15	3.88	0.4	5	0.19
R501433		0.70	0.04		0.86	0.05	43.9	130	0.14	0.01	37.3	7.96	2.46	0.4	3	0.13
R501434		0.77	0.08		3.15	0.12	199.0	270	0.16	0.02	36.7	13.00	4.63	0.5	8	0.34
R501435		0.83	0.11		1.90	0.08	84.5	170	0.10	0.01	37.3	13.25	2.98	0.5	5	0.19
R501436		0.79	0.77	1.255	17.80	0.07	1200	150	0.14	0.02	31.5	98.1	2.63	0.8	5	0.57
R501437		0.73	0.19		5.40	0.03	313	90	0.12	0.02	37.5	29.1	2.21	0.5	3	0.13
R501438		0.72	0.55		6.05	0.10	1365	290	0.12	0.02	34.9	51.7	3.86	1.2	6	0.29
R501439		0.78	0.38		9.13	0.09	1600	200	0.15	0.03	34.8	77.8	3.74	0.8	6	0.42
R501440		0.91	0.24	4.17	13.75	0.10	2030	210	0.10	0.03	33.5	306	5.45	3.1	6	0.73
R501441		0.73	0.07	3.62	5.36	0.03	1305	100	0.08	0.02	34.2	224	2.91	2.2	2	0.17
R501442		0.56	0.04		0.55	0.25	210	420	0.20	0.03	36.4	12.55	10.95	0.5	18	0.69
R501443		0.63	0.02		0.56	0.52	404	1650	0.29	0.04	35.3	13.10	15.35	0.9	33	1.69
R501444		0.79	0.02		0.56	0.04	28.0	80	0.16	0.08	38.7	6.40	1.48	0.4	3	0.14

***** 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-JUL-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15097641

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-MS42	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	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1
R501422		8.2	0.11	0.45	0.07	0.1	7.21	<0.005	0.06	3.8	0.7	0.19	211	1.27	0.01	0.3
R501423		9.6	0.16	0.64	0.09	0.1	28.1	<0.005	0.09	13.2	1.3	0.22	170	1.70	0.01	0.4
R501424		38.2	0.80	3.77	0.21	0.6	>100	0.013	0.48	64.8	5.1	0.25	205	10.50	<0.01	2.4
R501425		87.0	1.53	8.14	0.32	1.4	>100	0.028	1.00	126.0	8.9	0.36	135	16.15	0.01	5.2
R501426		4.8	0.13	0.41	0.11	0.1	14.05	<0.005	0.05	9.0	0.7	0.21	84	1.72	<0.01	0.3
R501427		5.1	0.09	0.32	0.13	0.1	11.35	<0.005	0.03	11.4	0.7	0.24	133	1.03	0.01	0.2
R501428		3.1	0.06	0.20	0.11	<0.1	9.78	<0.005	0.01	5.0	0.6	0.09	525	0.50	<0.01	0.1
R501429		2.1	0.03	0.13	0.06	<0.1	3.66	<0.005	0.01	2.8	0.6	0.09	532	0.13	<0.01	<0.1
R501430		8.6	0.07	0.67	0.12	0.1	41.8	0.005	0.07	15.0	1.4	0.14	298	0.69	<0.01	0.4
R501431		6.1	0.02	0.19	0.11	<0.1	15.95	<0.005	0.01	4.6	0.5	0.14	142	1.50	<0.01	0.1
R501432		11.2	0.03	0.24	0.12	<0.1	16.95	<0.005	0.01	5.3	0.5	0.15	185	1.37	<0.01	0.1
R501433		5.8	0.03	0.17	0.11	<0.1	5.11	<0.005	0.01	3.4	0.4	0.13	212	0.31	<0.01	0.1
R501434		8.6	0.04	0.42	0.13	0.1	22.4	0.005	0.04	6.0	0.9	0.17	197	4.73	<0.01	0.2
R501435		6.2	0.03	0.27	0.12	<0.1	13.15	<0.005	0.02	3.9	0.5	0.18	95	0.53	<0.01	0.2
R501436		24.4	0.09	0.55	0.13	<0.1	>100	0.008	0.02	3.5	3.3	0.12	220	24.7	<0.01	0.1
R501437		10.9	0.05	0.21	0.12	<0.1	33.0	<0.005	0.01	2.9	0.7	0.18	217	3.68	<0.01	0.1
R501438		15.6	0.13	0.56	0.13	<0.1	53.9	0.005	0.03	5.0	1.1	0.16	171	4.74	<0.01	0.2
R501439		16.6	0.07	0.63	0.12	0.1	99.9	0.008	0.03	4.8	1.1	0.14	197	5.02	<0.01	0.2
R501440		24.2	0.09	0.82	0.11	0.1	>100	0.011	0.03	7.4	1.0	0.15	150	10.15	<0.01	0.2
R501441		17.3	0.07	0.40	0.12	<0.1	44.3	<0.005	0.01	4.3	0.4	0.16	96	4.64	<0.01	0.1
R501442		7.3	0.13	0.70	0.13	0.1	17.20	<0.005	0.09	17.0	0.9	0.29	102	0.94	<0.01	0.4
R501443		13.6	0.24	1.50	0.16	0.3	11.50	0.008	0.19	19.0	2.0	0.68	61	2.72	<0.01	1.0
R501444		3.0	0.03	0.14	0.10	<0.1	1.800	<0.005	0.01	2.0	0.6	0.18	42	0.29	<0.01	0.1

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

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VANCOUVER BC V6B 1L8

Finalized Date: 19-JUL-2015
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Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15097641

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
R501422		10.5	90	5.8	2.8	0.004	0.01	1.38	8.0	1	<0.2	209	<0.05	<0.05	0.2	0.008
R501423		12.7	390	2.6	3.8	0.006	0.03	3.10	3.9	2	<0.2	309	<0.05	<0.05	0.4	0.013
R501424		98.1	1450	7.4	22.5	0.003	0.04	10.95	5.7	24	0.5	953	0.15	<0.05	2.3	0.072
R501425		151.0	3280	17.2	45.6	0.003	0.09	18.80	7.5	36	1.1	1915	0.33	0.11	5.1	0.161
R501426		16.9	410	10.8	2.2	<0.002	0.01	3.90	1.6	1	<0.2	290	<0.05	<0.05	0.2	0.008
R501427		11.9	310	80.5	1.5	<0.002	0.01	4.37	1.3	1	<0.2	270	<0.05	<0.05	0.2	0.005
R501428		2.3	250	80.7	0.6	<0.002	<0.01	1.59	6.0	1	<0.2	122.0	<0.05	<0.05	<0.2	<0.005
R501429		1.2	110	41.3	0.3	<0.002	<0.01	1.68	3.8	1	<0.2	75.3	<0.05	<0.05	<0.2	<0.005
R501430		6.4	760	162.5	3.4	0.002	0.01	14.20	7.8	1	<0.2	429	<0.05	<0.05	0.4	0.010
R501431		3.1	330	157.0	0.6	<0.002	0.01	2.31	2.9	1	<0.2	179.0	<0.05	<0.05	<0.2	<0.005
R501432		3.4	440	257	0.7	<0.002	0.01	4.20	3.3	1	<0.2	167.0	<0.05	<0.05	<0.2	<0.005
R501433		2.4	180	84.2	0.6	<0.002	0.01	3.87	1.6	1	<0.2	132.0	<0.05	<0.05	<0.2	<0.005
R501434		5.5	420	722	1.9	0.002	0.01	10.35	3.0	1	<0.2	210	<0.05	<0.05	0.2	0.006
R501435		3.9	380	154.5	1.1	0.002	0.01	6.23	0.9	1	<0.2	164.5	<0.05	<0.05	<0.2	<0.005
R501436		19.9	300	1670	0.8	0.005	0.01	16.00	1.1	5	0.2	161.5	<0.05	<0.05	<0.2	<0.005
R501437		7.8	170	715	0.5	0.002	0.01	11.25	0.7	2	<0.2	199.5	<0.05	<0.05	<0.2	<0.005
R501438		34.0	580	921	1.3	0.002	0.02	34.0	1.3	3	<0.2	192.5	<0.05	<0.05	0.2	<0.005
R501439		21.6	450	1890	1.3	0.005	0.02	15.45	2.7	3	0.2	179.0	<0.05	<0.05	0.2	<0.005
R501440		73.2	630	3520	1.5	0.004	0.01	29.0	1.9	4	0.2	188.0	<0.05	<0.05	0.2	0.005
R501441		63.1	300	1280	0.5	0.005	0.01	15.50	0.9	2	<0.2	159.0	<0.05	<0.05	<0.2	<0.005
R501442		8.2	750	27.9	3.8	0.002	0.01	18.55	1.6	1	<0.2	373	<0.05	<0.05	0.4	0.013
R501443		15.5	650	16.4	8.7	0.002	0.05	19.65	1.6	2	0.2	350	0.07	<0.05	0.9	0.029
R501444		1.4	60	26.4	0.6	<0.002	<0.01	1.96	0.4	<1	<0.2	198.5	<0.05	<0.05	<0.2	<0.005

***** 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: 19-JUL-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15097641

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
R501422		0.64	2.3	96	0.3	24.2	120	4.4
R501423		1.75	2.8	133	0.3	24.0	214	5.8
R501424		8.19	7.9	301	1.7	54.1	1130	32.1
R501425		16.10	17.2	475	4.0	81.3	1820	65.9
R501426		1.20	1.8	57	0.3	12.5	320	3.7
R501427		0.95	2.2	68	0.3	13.3	367	3.1
R501428		0.71	4.1	146	0.2	41.2	101	5.5
R501429		0.31	4.2	125	0.2	37.4	40	5.0
R501430		1.72	6.2	238	0.6	43.8	147	7.9
R501431		0.68	4.7	78	0.2	17.5	432	2.0
R501432		1.11	5.9	107	0.2	22.3	157	2.0
R501433		0.65	4.0	64	0.3	18.6	100	2.0
R501434		1.67	5.1	142	0.3	18.7	307	3.5
R501435		1.33	4.8	66	0.3	7.6	299	2.0
R501436		5.01	6.0	120	0.5	11.6	>10000	1.7
R501437		2.41	4.5	77	0.3	9.9	2510	1.1
R501438		3.67	6.5	131	0.4	16.3	6930	2.7
R501439		3.93	6.4	173	0.4	23.5	8820	4.2
R501440		15.20	7.0	139	0.4	17.9	>10000	2.9
R501441		9.25	4.9	73	0.2	8.9	>10000	1.4
R501442		1.53	3.7	104	0.4	21.3	235	6.4
R501443		3.96	4.1	151	0.6	18.9	458	11.3
R501444		0.33	1.3	15	0.1	3.6	60	1.1

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

Project: NADALEEN

Finalized Date: 19-JUL-2015
Account: RCM

CERTIFICATE OF ANALYSIS WH15097641

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.

BAG-06	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-MS42	ME-MS61	ME-OG62
Zn-OG62			

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 21-JUL-2015
Account: RCM

CERTIFICATE WH15099167

Project: NADALEEN

P.O. No.: NA-15-04

This report is for 27 Rock samples submitted to our lab in Whitehorse, YT, Canada on 7-JUL-2015.

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
BAG-06	Double Bagging Coarse Rejects
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

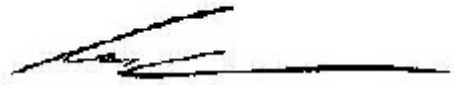
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	
Hg-MS42	Trace Hg by ICPMS	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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VANCOUVER BC V6B 1L8

Finalized Date: 21-JUL-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15099167

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
R501445		1.26	0.02	0.21	0.09	21.1	190	0.07	0.15	23.6	0.23	2.77	0.6	4	0.14	1.8
R501446		1.06	0.01	0.11	0.06	33.2	90	0.08	0.07	23.3	0.63	2.44	0.4	3	0.08	1.6
R501447		1.10	0.03	0.11	0.05	46.1	80	0.05	0.06	23.4	0.34	2.54	0.5	3	0.06	1.1
R501448		1.04	0.02	0.15	0.16	135.5	70	0.12	0.05	24.1	0.62	2.98	0.6	4	0.46	2.3
R501449		1.01	0.05	0.18	0.14	1650	70	0.20	0.05	23.1	1.39	1.96	0.8	3	0.44	2.6
R501450		0.95	0.09	0.21	0.04	480	60	0.11	0.05	24.9	1.43	0.87	0.5	2	0.11	1.8
R501451		0.86	0.12	0.10	0.03	526	40	0.08	0.06	22.2	0.87	0.92	0.4	2	0.11	1.2
R501452		0.92	0.10	0.14	0.04	204	30	0.06	0.03	21.7	0.79	0.95	0.4	2	0.12	1.4
R501453		0.96	0.10	0.85	0.04	781	40	0.08	0.03	22.9	6.15	1.02	0.5	2	0.13	1.8
R501454		1.03	0.06	0.23	0.03	280	40	0.07	0.03	22.8	0.75	0.79	0.3	2	0.05	1.1
R501455		1.13	0.23	0.54	0.07	484	40	0.15	0.02	24.1	4.54	1.21	1.1	2	0.31	2.0
R501456		0.83	0.08	0.43	0.08	473	30	0.13	0.02	22.0	3.42	1.29	1.0	3	0.33	2.1
R501457		0.97	0.18	0.26	0.03	892	20	0.07	0.02	22.3	3.20	0.72	0.5	2	0.07	1.6
R501458		1.00	0.23	0.50	0.06	662	30	0.11	0.03	23.5	6.16	1.17	0.8	2	0.21	3.4
R501459		1.23	0.08	0.56	0.07	307	40	0.10	0.01	24.3	1.59	1.56	0.8	2	0.08	2.7
R501460		1.08	0.11	0.17	0.20	515	100	0.15	0.01	24.2	2.32	2.56	0.8	3	0.90	3.3
R501461		0.88	0.04	0.22	0.08	170.5	50	0.14	0.01	25.2	0.98	1.35	0.8	2	0.22	1.6
R501462		0.85	0.05	0.14	0.23	460	320	0.30	0.02	31.1	1.49	2.80	0.8	4	0.72	2.3
R501463		0.89	0.02	0.14	0.44	874	1270	0.43	0.02	35.9	5.30	5.26	1.7	6	2.46	4.8
R501464		0.61	0.02	0.06	0.11	568	290	0.18	0.01	34.8	1.34	1.72	1.4	2	0.53	3.6
R501465		0.83	0.01	0.06	0.12	143.0	150	0.17	0.01	35.3	0.70	1.99	0.9	2	0.60	2.1
R501466		0.98	0.02	0.12	0.83	275	790	0.46	0.03	33.6	1.56	10.50	1.1	10	4.44	3.7
R501467		1.07	0.01	0.19	0.87	1260	320	0.45	0.03	34.0	1.12	8.33	1.8	11	2.75	3.3
R501468		0.97	<0.01	0.06	0.25	248	170	0.31	0.02	36.0	0.66	3.82	0.9	4	0.91	2.4
R501469		1.13	0.01	0.19	0.22	135.5	260	0.22	0.01	35.9	1.50	2.90	1.0	4	0.89	2.5
R501470		0.85	0.02	0.09	0.10	133.5	120	0.21	0.01	35.2	0.63	1.12	1.0	2	0.35	2.2
R501471		1.24	0.01	0.10	0.17	98.9	220	0.28	0.01	36.9	1.12	2.06	0.9	3	0.63	2.3

***** 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
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Finalized Date: 21-JUL-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15099167

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-MS42	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	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
R501445		0.10	0.30	0.06	<0.1	0.326	<0.005	0.03	5.6	0.7	11.35	122	0.47	0.01	0.2	3.0
R501446		0.06	0.20	0.07	<0.1	0.663	<0.005	0.02	5.5	0.6	11.40	84	0.32	0.01	0.1	4.3
R501447		0.09	0.22	0.08	<0.1	0.361	<0.005	0.01	5.9	0.5	10.25	166	0.28	0.01	0.1	3.8
R501448		0.14	0.48	0.10	0.1	0.333	<0.005	0.05	4.5	1.2	10.05	86	0.35	0.02	0.3	4.4
R501449		0.28	0.41	0.09	0.1	0.339	<0.005	0.04	2.2	1.3	9.97	148	0.57	0.01	0.3	6.2
R501450		0.09	0.16	0.11	<0.1	1.115	<0.005	0.01	1.5	0.6	10.30	156	0.37	0.01	0.1	4.0
R501451		0.08	0.14	0.11	<0.1	0.709	<0.005	0.01	1.7	0.7	11.20	107	0.41	0.01	<0.1	3.9
R501452		0.09	0.17	0.13	<0.1	0.733	<0.005	0.01	1.8	0.7	11.55	74	0.38	0.01	0.1	3.8
R501453		0.08	0.16	0.13	<0.1	3.23	<0.005	0.01	1.9	0.8	11.05	84	0.50	0.01	0.1	4.3
R501454		0.06	0.12	0.14	<0.1	0.402	<0.005	<0.01	1.6	0.7	11.95	85	0.42	0.01	<0.1	3.2
R501455		0.17	0.26	0.15	<0.1	1.415	<0.005	0.02	1.8	0.9	10.75	120	0.69	0.01	0.1	6.9
R501456		0.36	0.27	0.13	<0.1	1.290	<0.005	0.02	1.9	0.9	11.45	79	0.79	0.01	0.1	8.6
R501457		0.10	0.18	0.14	<0.1	3.50	<0.005	0.01	1.1	0.5	11.05	69	1.42	0.01	0.1	5.5
R501458		0.12	0.26	0.05	<0.1	1.145	0.017	0.02	1.7	0.8	10.25	107	0.72	0.01	0.1	6.5
R501459		0.07	0.33	0.17	<0.1	0.482	<0.005	0.02	2.3	0.7	10.25	101	0.42	0.01	0.1	2.8
R501460		0.12	0.69	0.23	0.1	0.418	0.005	0.07	2.5	1.7	9.70	127	0.48	0.01	0.3	4.4
R501461		0.07	0.37	0.26	<0.1	0.612	<0.005	0.02	1.6	0.9	9.58	138	0.32	0.01	0.1	2.9
R501462		0.17	0.71	0.19	0.1	0.500	<0.005	0.09	2.5	1.2	4.35	94	0.35	<0.01	0.4	3.6
R501463		0.29	1.53	0.10	0.2	0.337	0.005	0.16	3.8	3.3	0.37	189	0.52	<0.01	0.6	17.4
R501464		0.26	0.47	0.06	<0.1	0.300	<0.005	0.04	1.7	1.0	1.90	253	0.51	<0.01	0.1	10.1
R501465		0.11	0.42	0.06	0.1	0.183	<0.005	0.04	1.9	1.0	1.08	195	0.24	<0.01	0.2	3.5
R501466		0.27	2.30	0.07	0.3	0.332	0.007	0.34	7.1	3.9	0.25	145	0.38	0.01	1.4	10.5
R501467		0.47	2.42	0.07	0.3	0.876	0.009	0.40	5.7	3.1	0.33	173	0.59	0.01	1.5	7.6
R501468		0.18	0.75	0.05	0.1	0.270	<0.005	0.09	2.9	1.3	0.40	255	0.27	<0.01	0.4	5.0
R501469		0.15	0.71	<0.05	0.1	0.644	<0.005	0.08	2.2	1.3	0.16	275	0.20	<0.01	0.3	5.0
R501470		0.13	0.36	<0.05	0.1	0.165	<0.005	0.03	0.9	0.7	0.90	322	0.20	<0.01	0.2	3.0
R501471		0.10	0.55	0.05	0.1	0.190	<0.005	0.06	1.7	1.1	0.32	92	0.18	<0.01	0.3	2.9

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

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 21-JUL-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15099167

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
R501445		110	78.4	1.2	<0.002	<0.01	0.63	0.9	1	<0.2	135.0	<0.05	<0.05	0.2	0.005	0.13
R501446		90	30.7	0.7	<0.002	<0.01	0.71	0.2	1	<0.2	129.5	<0.05	<0.05	<0.2	<0.005	0.14
R501447		70	25.9	0.6	<0.002	<0.01	0.32	0.4	1	<0.2	131.5	<0.05	<0.05	<0.2	<0.005	0.16
R501448		80	36.5	2.4	<0.002	<0.01	0.55	0.4	<1	<0.2	139.0	<0.05	<0.05	0.3	0.010	0.19
R501449		60	26.6	1.9	<0.002	<0.01	8.46	2.9	1	<0.2	97.8	<0.05	<0.05	0.2	0.008	0.54
R501450		50	48.4	0.5	<0.002	<0.01	2.66	2.4	<1	<0.2	84.2	<0.05	<0.05	<0.2	<0.005	0.45
R501451		50	11.5	0.4	<0.002	<0.01	4.00	0.3	<1	<0.2	94.1	<0.05	<0.05	<0.2	<0.005	1.38
R501452		70	28.0	0.5	<0.002	<0.01	0.71	0.4	<1	<0.2	103.0	<0.05	<0.05	<0.2	<0.005	0.12
R501453		90	205	0.5	<0.002	<0.01	1.51	0.3	<1	<0.2	111.0	<0.05	<0.05	<0.2	<0.005	0.58
R501454		60	63.0	0.3	<0.002	<0.01	1.07	0.3	<1	<0.2	106.5	<0.05	<0.05	<0.2	<0.005	0.14
R501455		50	114.0	1.1	<0.002	<0.01	2.43	0.6	1	<0.2	83.7	<0.05	<0.05	<0.2	<0.005	0.96
R501456		70	107.0	1.1	<0.002	<0.01	2.89	0.3	<1	<0.2	94.1	<0.05	<0.05	<0.2	<0.005	0.40
R501457		60	47.3	0.5	<0.002	<0.01	7.52	0.8	<1	<0.2	100.5	<0.05	<0.05	<0.2	<0.005	0.83
R501458		40	18.9	0.9	0.002	<0.01	2.10	1.4	1	<0.2	114.0	<0.05	<0.05	<0.2	<0.005	0.63
R501459		50	16.9	1.2	<0.002	<0.01	1.13	2.5	1	<0.2	106.5	<0.05	<0.05	<0.2	<0.005	0.21
R501460		30	23.9	3.5	<0.002	<0.01	1.56	6.0	1	<0.2	109.0	<0.05	<0.05	0.3	0.008	0.33
R501461		30	58.7	1.1	<0.002	<0.01	0.99	1.0	1	<0.2	172.5	<0.05	<0.05	<0.2	<0.005	0.28
R501462		60	16.3	3.6	<0.002	<0.01	1.72	0.8	1	<0.2	230	<0.05	<0.05	0.4	0.010	0.24
R501463		80	14.5	8.3	<0.002	0.04	1.38	2.1	1	0.2	190.0	<0.05	<0.05	0.7	0.018	0.88
R501464		40	9.8	1.8	<0.002	<0.01	1.34	1.1	1	<0.2	165.0	<0.05	<0.05	0.2	<0.005	0.89
R501465		30	16.2	2.0	<0.002	0.01	0.66	1.2	1	<0.2	179.5	<0.05	<0.05	0.2	0.005	0.22
R501466		100	9.6	16.0	<0.002	0.03	1.59	2.4	1	0.3	277	0.09	<0.05	1.4	0.039	0.42
R501467		100	11.1	17.6	<0.002	0.03	3.39	2.0	2	0.3	292	0.10	<0.05	1.5	0.046	0.60
R501468		80	6.4	4.2	<0.002	0.01	1.42	8.9	1	<0.2	161.0	<0.05	<0.05	0.5	0.012	0.15
R501469		60	8.2	3.8	<0.002	0.02	1.46	7.5	1	<0.2	241	<0.05	<0.05	0.4	0.009	0.31
R501470		40	6.0	1.6	<0.002	0.01	1.05	9.0	1	<0.2	101.0	<0.05	<0.05	0.2	<0.005	0.19
R501471		50	4.9	3.0	<0.002	0.01	0.46	0.7	1	<0.2	148.5	<0.05	<0.05	0.3	0.007	0.15

***** 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-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15099167

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
R501445		2.0	14	0.5	7.7	37	2.2
R501446		2.1	11	0.2	6.2	90	1.3
R501447		2.5	11	0.6	6.7	82	1.2
R501448		2.7	13	0.3	6.8	67	2.9
R501449		2.5	23	0.3	9.3	145	3.1
R501450		2.5	20	0.5	8.9	127	1.9
R501451		3.6	13	0.2	5.5	88	1.0
R501452		2.5	14	0.1	4.5	64	0.9
R501453		2.2	11	0.2	4.2	520	0.8
R501454		2.0	10	0.1	4.0	66	0.6
R501455		3.1	11	0.1	5.5	313	1.4
R501456		2.1	13	0.2	4.8	357	1.3
R501457		1.9	9	0.1	3.8	263	1.0
R501458		3.1	18	0.1	6.0	274	1.4
R501459		2.9	15	0.1	8.1	87	1.8
R501460		2.5	29	0.2	13.9	132	3.9
R501461		1.6	9	0.2	5.2	113	1.2
R501462		0.9	7	0.6	6.2	105	3.0
R501463		2.7	21	0.5	8.9	130	6.9
R501464		1.4	15	0.2	8.1	112	2.1
R501465		0.7	8	0.2	7.3	53	2.1
R501466		0.8	20	1.1	11.1	91	11.1
R501467		0.9	35	1.4	8.7	116	12.0
R501468		1.1	41	0.4	26.9	61	7.2
R501469		1.3	33	0.3	18.9	45	5.2
R501470		1.2	32	0.2	18.9	35	4.3
R501471		0.6	7	0.2	3.9	36	2.3

***** 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

Project: NADALEEN

Finalized Date: 21-JUL-2015
Account: RCM

CERTIFICATE OF ANALYSIS WH15099167

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.

BAG-06	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-MS42	ME-MS61

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: 25-JUL-2015
Account: RCM

CERTIFICATE WH15100625

Project: NADALEEN

P.O. No.: NA-15-05

This report is for 105 Rock samples submitted to our lab in Whitehorse, YT, Canada on 9-JUL-2015.

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
BAG-06	Double Bagging Coarse Rejects
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

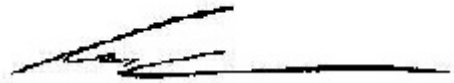
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	
Hg-MS42	Trace Hg by ICPMS	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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To: **ATAC RESOURCES LTD.**
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VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15100625

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
Q011351		1.15	<0.01	0.11	0.92	154.5	310	0.48	0.03	34.6	0.72	10.35	1.2	11	4.13	5.6
Q011352		1.36	<0.01	0.11	0.33	90.6	150	0.27	0.02	33.1	0.93	4.33	0.7	6	1.17	2.1
Q011353		1.27	<0.01	0.06	0.11	61.7	70	0.27	0.01	35.5	0.59	1.40	0.4	2	0.38	1.2
Q011354		0.89	0.01	0.18	0.61	202	250	0.45	0.02	32.9	1.48	6.75	0.8	7	2.15	3.6
Q011355		1.26	0.01	0.10	0.45	136.0	300	0.46	0.01	34.7	1.12	5.19	0.8	6	1.10	2.0
Q011356		1.75	0.02	0.11	0.24	91.3	160	0.32	0.01	29.1	1.05	3.11	0.8	4	0.60	2.0
Q011357		1.17	0.01	0.17	0.66	156.5	260	0.44	0.02	32.0	1.43	7.69	0.6	8	2.19	2.6
Q011358		1.30	<0.01	0.05	0.18	56.6	120	0.26	0.01	33.0	0.88	2.51	0.5	3	0.43	1.5
Q011359		1.23	<0.01	0.02	0.12	20.5	60	0.21	0.01	31.3	0.21	1.96	0.5	3	0.26	0.7
Q011360		1.23	0.01	0.15	0.81	168.0	400	0.55	0.03	32.7	1.75	9.16	0.7	10	1.73	4.2
Q011361		0.98	<0.01	0.03	0.12	53.9	80	0.22	0.01	32.3	0.31	1.87	0.4	3	0.31	1.8
Q011362		1.00	<0.01	0.12	0.61	128.0	260	0.38	0.02	28.3	1.26	5.90	0.6	7	1.18	2.7
Q011363		0.99	<0.01	0.09	0.15	35.1	100	0.22	0.01	30.7	0.32	2.02	0.6	4	0.30	1.3
Q011364		1.12	<0.01	0.23	0.41	100.5	220	0.36	0.02	32.3	2.02	4.18	0.5	5	0.96	2.3
Q011365		1.11	<0.01	0.09	0.11	42.5	100	0.18	0.01	31.7	1.18	1.74	0.5	2	0.30	1.2
Q011366		0.99	<0.01	0.38	1.72	36.3	520	0.86	0.05	28.2	0.96	17.75	2.1	17	4.50	5.4
Q011367		1.10	<0.01	0.06	0.08	32.2	70	0.29	0.01	36.2	0.46	1.27	0.5	3	0.19	0.8
Q011368		1.20	<0.01	0.09	0.06	26.6	40	0.14	0.01	31.7	1.29	0.91	0.5	3	0.16	1.1
Q011369		1.20	<0.01	0.19	0.43	32.4	180	0.29	0.02	28.6	2.07	4.54	0.7	6	0.74	2.1
Q011370		1.00	<0.01	0.26	0.49	97.5	340	0.36	0.02	33.1	1.19	5.23	0.5	11	0.91	2.0
Q011371		1.17	<0.01	0.13	0.30	97.7	190	0.26	0.01	30.7	1.65	3.34	0.6	5	0.66	1.8
Q011372		1.33	<0.01	0.12	0.05	34.1	40	0.12	<0.01	31.4	1.49	1.02	0.6	2	0.13	0.7
Q011373		1.04	<0.01	0.47	0.68	194.0	230	0.42	0.04	32.1	2.04	5.82	1.0	7	1.40	5.7
Q011374		0.96	<0.01	0.24	0.69	66.5	310	0.41	0.02	32.5	0.70	7.52	1.0	8	1.38	2.8
Q011375		0.57	<0.01	0.03	0.06	18.0	30	0.10	0.01	25.0	0.14	1.05	0.7	1	0.09	1.9
Q011376		0.91	0.01	0.04	0.07	25.7	60	0.10	0.01	26.4	0.31	1.44	0.8	2	0.15	2.5
Q011377		0.35	0.02	0.30	0.98	245	650	0.62	0.04	30.5	2.05	11.60	3.2	13	3.45	12.4
Q011378		0.36	0.18	0.14	0.18	116.5	120	0.20	0.01	25.2	1.71	2.19	2.3	4	0.54	5.8
Q011379		1.04	0.02	0.05	0.08	39.5	60	0.10	0.01	25.9	0.68	1.19	0.9	3	0.19	3.1
Q011380		0.51	<0.01	0.18	0.20	95.0	120	0.25	0.01	29.8	1.64	2.69	1.2	3	0.68	4.2
Q011381		0.85	0.01	0.26	0.85	153.5	440	0.68	0.03	35.4	2.12	8.80	1.5	9	2.80	6.7
Q011382		1.01	<0.01	0.17	0.13	55.7	110	0.30	0.01	37.8	1.98	1.87	0.9	2	0.46	2.9
Q011383		0.60	0.02	0.28	0.65	110.5	390	0.61	0.04	33.7	2.80	7.10	1.3	5	2.13	9.0
Q011384		0.64	0.01	0.31	1.28	144.0	710	0.96	0.06	32.4	4.46	13.10	1.6	13	5.30	5.9
Q011385		0.86	<0.01	0.12	0.36	74.6	710	0.44	0.02	35.5	1.11	3.67	1.2	4	1.55	4.2
Q011386		1.22	<0.01	0.26	0.61	114.0	230	0.80	0.04	35.2	2.03	7.52	1.3	7	2.82	4.5
Q011387		0.80	<0.01	0.10	0.10	34.5	70	0.24	0.02	35.4	0.60	1.77	0.9	1	0.37	2.5
Q011388		0.99	<0.01	0.10	0.07	44.8	60	0.20	0.02	31.8	2.04	1.11	0.9	1	0.22	3.1
Q011389		0.61	0.01	0.16	0.33	57.2	300	0.52	0.03	35.6	1.64	3.34	0.9	4	0.93	3.7
Q011390		0.84	<0.01	0.08	0.09	58.9	80	0.30	0.02	31.3	1.72	1.32	0.8	1	0.28	3.7

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

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VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15100625

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-MS42	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	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q011351		0.31	2.54	0.15	0.3	0.134	0.007	0.31	6.3	5.6	0.29	193	0.24	0.02	1.4	14.3
Q011352		0.18	0.95	0.30	0.1	0.284	0.005	0.12	2.9	2.1	3.35	311	0.22	0.01	0.5	4.6
Q011353		0.07	0.35	0.30	<0.1	0.134	<0.005	0.04	0.9	0.9	1.48	57	0.12	0.01	0.2	1.3
Q011354		0.29	1.71	0.25	0.2	0.513	0.006	0.24	3.8	3.4	1.52	188	0.26	0.02	0.9	6.0
Q011355		0.29	1.32	0.29	0.2	0.607	<0.005	0.19	3.1	2.2	2.20	384	0.35	0.01	0.7	3.2
Q011356		0.18	0.71	0.36	0.1	0.269	<0.005	0.09	2.2	1.3	6.26	151	0.50	0.01	0.4	5.8
Q011357		0.31	1.91	0.33	0.2	0.282	0.005	0.28	4.0	3.1	3.30	103	0.46	0.01	1.1	5.5
Q011358		0.11	0.57	0.33	0.1	0.125	<0.005	0.07	1.4	1.0	4.42	68	0.21	0.01	0.3	2.1
Q011359		0.09	0.43	0.34	<0.1	0.071	<0.005	0.05	1.2	0.8	5.52	76	0.24	0.01	0.2	1.7
Q011360		0.39	2.18	0.34	0.3	0.297	0.007	0.31	4.6	3.8	3.19	186	0.73	0.01	1.4	7.6
Q011361		0.11	0.40	0.32	0.1	0.079	<0.005	0.05	1.5	0.8	3.81	91	0.30	0.01	0.2	1.8
Q011362		0.27	1.60	0.30	0.2	0.176	0.005	0.25	3.1	2.9	6.42	101	0.46	0.01	1.0	4.5
Q011363		0.11	0.51	0.38	0.1	0.147	<0.005	0.07	1.2	0.9	5.68	138	0.39	0.01	0.3	1.6
Q011364		0.24	1.22	0.37	0.1	0.444	<0.005	0.18	2.4	2.0	3.39	337	0.35	0.01	0.6	2.8
Q011365		0.08	0.39	0.38	<0.1	0.298	<0.005	0.04	1.1	0.8	4.18	123	0.29	0.01	0.2	1.2
Q011366		0.76	4.68	0.37	0.7	0.935	0.019	0.76	8.0	10.2	3.85	50	0.34	0.02	3.2	8.1
Q011367		0.05	0.31	0.43	<0.1	0.224	<0.005	0.03	1.0	0.6	1.28	47	0.16	<0.01	0.2	0.4
Q011368		0.05	0.27	0.41	<0.1	0.315	<0.005	0.02	0.7	0.5	5.98	41	0.26	0.01	0.1	1.0
Q011369		0.18	1.33	0.48	0.2	0.946	<0.005	0.18	2.4	2.5	6.00	71	0.35	0.01	0.8	3.0
Q011370		0.22	1.50	0.39	0.2	0.627	0.006	0.19	2.8	2.0	2.34	222	0.34	0.01	0.9	2.1
Q011371		0.17	0.92	0.39	0.1	0.254	0.006	0.12	2.0	1.5	5.19	124	0.31	0.01	0.6	2.3
Q011372		0.05	0.24	0.43	<0.1	0.601	<0.005	0.02	1.0	0.4	5.26	50	0.22	<0.01	0.1	1.3
Q011373		0.28	1.95	0.12	0.3	1.005	0.006	0.26	3.3	3.7	2.76	68	0.73	0.01	1.1	6.3
Q011374		0.32	1.84	0.13	0.3	0.269	0.007	0.31	3.9	3.6	3.36	43	0.34	0.01	1.1	3.7
Q011375		0.07	0.30	0.25	<0.1	0.119	<0.005	0.02	1.1	0.6	10.75	97	0.20	0.01	0.1	3.0
Q011376		0.08	0.37	0.38	<0.1	0.112	<0.005	0.02	1.4	0.7	9.97	124	0.21	0.01	0.1	2.8
Q011377		0.57	2.83	0.21	0.4	0.238	0.009	0.34	7.7	7.0	2.44	220	0.59	0.04	1.7	17.8
Q011378		0.23	0.65	0.29	0.1	0.185	<0.005	0.07	1.7	1.3	10.10	152	0.48	0.01	0.3	9.3
Q011379		0.10	0.43	0.36	<0.1	0.158	<0.005	0.03	1.0	0.7	10.35	82	0.25	0.01	0.1	3.5
Q011380		0.20	0.75	0.33	0.1	0.236	<0.005	0.07	2.1	1.1	6.74	159	0.30	0.01	0.3	5.5
Q011381		0.40	2.32	0.18	0.4	0.206	0.008	0.38	5.1	3.6	0.87	116	0.58	0.01	1.4	8.9
Q011382		0.09	0.49	0.15	0.1	0.217	<0.005	0.06	1.6	0.8	0.45	69	0.12	<0.01	0.2	1.8
Q011383		0.25	1.37	0.10	0.3	0.220	0.005	0.28	4.2	3.0	0.86	147	0.79	0.01	1.3	10.0
Q011384		0.38	3.47	0.18	0.4	0.175	0.012	0.57	7.5	7.7	1.70	246	0.60	0.01	2.0	9.5
Q011385		0.16	1.02	0.14	0.2	0.107	<0.005	0.15	2.4	2.8	0.96	100	0.21	<0.01	0.5	5.6
Q011386		0.26	1.75	0.15	0.3	0.208	0.008	0.27	4.4	3.7	0.35	292	0.26	0.01	1.0	6.2
Q011387		0.07	0.35	0.15	<0.1	0.115	<0.005	0.05	1.4	0.8	1.59	71	0.12	<0.01	0.2	1.6
Q011388		0.10	0.34	0.24	<0.1	0.284	<0.005	0.03	0.9	0.7	4.13	120	0.14	<0.01	0.1	2.1
Q011389		0.13	0.99	0.24	0.1	0.182	<0.005	0.14	2.4	1.5	0.83	162	0.18	<0.01	0.5	3.3
Q011390		0.10	0.40	0.29	<0.1	0.192	<0.005	0.03	1.1	0.8	3.91	85	0.22	<0.01	0.1	2.5

***** 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: 25-JUL-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15100625

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
Q011351		110	9.3	15.5	<0.002	0.01	0.63	7.1	1	0.3	146.0	0.10	<0.05	1.4	0.042	0.47
Q011352		90	34.9	5.5	<0.002	<0.01	2.77	10.5	<1	0.2	154.5	<0.05	<0.05	0.6	0.015	0.14
Q011353		30	16.7	1.9	0.002	<0.01	0.75	0.9	<1	<0.2	116.5	<0.05	<0.05	0.2	0.005	0.07
Q011354		120	14.6	10.3	<0.002	0.01	1.29	4.5	1	0.3	185.0	0.07	<0.05	0.9	0.028	0.26
Q011355		170	15.9	7.5	0.002	0.03	1.63	4.4	1	0.2	193.0	0.05	<0.05	0.7	0.022	0.37
Q011356		90	32.6	3.6	<0.002	<0.01	6.32	0.7	<1	<0.2	160.0	<0.05	<0.05	0.4	0.013	0.23
Q011357		140	12.3	11.5	<0.002	<0.01	1.48	2.5	1	0.3	224	0.07	<0.05	1.0	0.032	0.16
Q011358		70	5.1	2.9	<0.002	<0.01	0.72	1.0	1	<0.2	132.5	<0.05	<0.05	0.3	0.008	0.05
Q011359		50	2.1	2.0	0.002	<0.01	0.18	0.4	<1	<0.2	124.0	<0.05	<0.05	0.2	0.005	0.04
Q011360		150	19.6	12.0	<0.002	<0.01	3.41	3.2	1	0.3	233	0.09	<0.05	1.3	0.042	0.18
Q011361		40	3.5	2.0	<0.002	<0.01	0.55	0.5	<1	<0.2	165.0	<0.05	<0.05	0.2	0.006	0.04
Q011362		150	13.6	9.3	<0.002	<0.01	1.75	4.9	1	0.3	165.5	0.07	<0.05	0.8	0.031	0.10
Q011363		60	33.4	2.5	0.002	<0.01	2.83	0.4	<1	<0.2	132.5	<0.05	<0.05	0.2	0.008	0.13
Q011364		100	24.9	6.6	<0.002	0.01	1.32	1.0	<1	0.2	183.0	<0.05	<0.05	0.6	0.020	0.14
Q011365		40	17.5	1.8	<0.002	0.01	0.98	0.4	<1	<0.2	172.0	<0.05	<0.05	0.2	0.005	0.10
Q011366		290	42.7	31.9	<0.002	0.69	1.56	3.8	1	0.6	229	0.21	<0.05	2.7	0.097	1.49
Q011367		30	9.7	1.3	<0.002	0.01	0.43	1.8	1	<0.2	120.0	<0.05	<0.05	0.2	0.005	0.05
Q011368		20	26.7	1.0	<0.002	<0.01	0.86	0.6	<1	<0.2	118.5	<0.05	<0.05	<0.2	<0.005	0.04
Q011369		110	44.3	7.0	<0.002	0.09	3.15	2.4	<1	0.2	180.5	0.05	<0.05	0.6	0.023	0.42
Q011370		180	47.1	7.2	<0.002	0.02	2.94	18.9	1	0.3	188.5	0.05	<0.05	0.7	0.026	0.20
Q011371		100	29.5	4.7	<0.002	<0.01	2.45	7.8	1	0.2	148.5	<0.05	<0.05	0.5	0.017	0.07
Q011372		30	44.7	0.8	<0.002	<0.01	1.65	1.2	<1	<0.2	95.8	<0.05	<0.05	<0.2	<0.005	0.04
Q011373		120	87.3	10.8	<0.002	0.07	7.07	4.2	1	0.3	150.0	0.07	<0.05	1.0	0.034	0.50
Q011374		170	32.4	12.4	<0.002	0.17	2.36	1.4	1	0.3	174.0	0.07	<0.05	1.1	0.037	0.43
Q011375		60	1.6	0.8	<0.002	<0.01	0.15	0.4	<1	<0.2	130.0	<0.05	<0.05	<0.2	<0.005	0.03
Q011376		70	2.2	1.0	<0.002	<0.01	0.19	0.9	1	<0.2	166.0	<0.05	<0.05	<0.2	<0.005	0.07
Q011377		170	13.7	18.8	<0.002	0.02	0.92	2.3	1	0.3	154.5	0.11	<0.05	1.6	0.050	0.47
Q011378		120	4.6	3.3	<0.002	<0.01	0.99	0.8	1	<0.2	132.0	<0.05	<0.05	0.3	0.009	0.17
Q011379		80	2.0	1.4	<0.002	<0.01	0.17	0.9	<1	<0.2	155.0	<0.05	<0.05	<0.2	<0.005	0.04
Q011380		90	14.0	3.5	<0.002	<0.01	0.78	0.7	1	<0.2	147.0	<0.05	<0.05	0.3	0.010	0.09
Q011381		180	21.9	17.3	<0.002	0.01	1.57	1.7	1	0.3	179.5	0.09	<0.05	1.4	0.042	0.21
Q011382		40	10.8	2.6	<0.002	0.01	0.38	0.5	1	<0.2	138.5	<0.05	<0.05	0.2	0.006	0.06
Q011383		140	17.5	9.1	<0.002	0.01	0.46	1.4	1	0.2	123.0	0.09	<0.05	1.6	0.023	0.17
Q011384		150	34.6	23.4	<0.002	<0.01	1.16	3.7	1	0.5	156.5	0.13	<0.05	1.8	0.061	0.34
Q011385		60	9.8	6.0	<0.002	0.02	0.37	1.0	<1	<0.2	134.0	<0.05	<0.05	0.5	0.016	0.13
Q011386		130	16.2	10.4	<0.002	0.01	0.66	2.9	<1	0.2	105.5	0.07	<0.05	0.9	0.031	0.18
Q011387		40	15.5	1.7	<0.002	<0.01	0.40	0.3	<1	<0.2	128.0	<0.05	<0.05	0.2	0.005	0.05
Q011388		30	6.9	1.2	<0.002	<0.01	0.32	0.3	<1	<0.2	156.0	<0.05	<0.05	<0.2	<0.005	0.04
Q011389		110	21.4	5.1	<0.002	0.01	0.48	0.9	<1	<0.2	163.5	<0.05	<0.05	0.5	0.016	0.15
Q011390		60	14.7	1.3	<0.002	<0.01	1.14	0.4	1	<0.2	144.0	<0.05	<0.05	0.2	0.005	0.04

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
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Finalized Date: 25-JUL-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15100625

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
Q011351		1.2	39	0.6	14.9	128	13.4
Q011352		1.1	30	0.5	17.4	98	6.4
Q011353		0.6	8	0.2	3.3	37	2.0
Q011354		1.1	25	0.7	9.2	105	9.1
Q011355		0.8	18	0.8	8.1	149	7.2
Q011356		0.9	10	0.5	4.1	101	4.1
Q011357		0.8	15	1.1	5.8	106	9.3
Q011358		0.6	10	0.3	3.2	54	2.9
Q011359		0.3	4	0.2	2.6	34	1.9
Q011360		1.0	32	1.8	5.9	199	11.7
Q011361		0.2	5	0.3	3.4	42	2.0
Q011362		1.0	20	1.0	5.5	118	9.2
Q011363		0.3	5	0.3	2.2	56	2.4
Q011364		0.9	9	0.8	3.9	156	5.8
Q011365		0.3	5	0.2	2.9	63	2.4
Q011366		0.9	24	2.2	5.6	134	23.1
Q011367		0.4	6	0.2	4.5	53	1.7
Q011368		0.3	5	0.1	2.3	55	1.1
Q011369		0.8	10	0.6	4.0	313	6.7
Q011370		2.1	42	0.9	22.2	139	11.6
Q011371		0.9	26	0.5	10.5	143	6.3
Q011372		0.3	6	0.1	3.3	92	1.5
Q011373		1.1	15	1.0	4.5	359	9.7
Q011374		1.1	11	1.0	4.3	117	10.0
Q011375		0.8	4	0.1	3.8	23	1.1
Q011376		0.9	6	0.1	5.4	24	1.5
Q011377		2.0	32	0.7	11.8	184	15.6
Q011378		2.4	12	0.3	5.4	130	3.6
Q011379		1.2	8	0.1	3.9	43	1.7
Q011380		1.8	11	0.5	5.7	84	4.4
Q011381		1.8	19	1.4	8.9	130	12.7
Q011382		0.6	4	0.3	3.5	53	2.7
Q011383		2.3	13	0.5	7.3	119	8.7
Q011384		1.9	24	1.8	14.7	132	17.0
Q011385		0.7	11	0.4	4.1	75	5.2
Q011386		3.5	17	1.0	9.7	81	8.7
Q011387		0.3	5	0.2	2.7	34	1.7
Q011388		0.3	5	0.2	2.5	96	1.2
Q011389		1.2	11	0.7	5.2	68	4.8
Q011390		0.5	7	0.3	2.5	77	1.9

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Finalized Date: 25-JUL-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15100625

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
Q011391		0.78	<0.01	0.11	0.05	26.5	70	0.20	0.01	28.6	2.81	0.95	0.7	1	0.09	3.6
Q011392		0.72	<0.01	0.12	0.10	58.2	190	0.37	0.02	33.3	1.02	1.48	0.9	1	0.33	3.5
Q011393		0.64	<0.01	0.07	0.06	49.9	100	0.43	0.01	36.0	0.58	0.94	0.8	1	0.16	2.9
Q011394		0.73	0.01	0.19	0.56	99.1	220	0.55	0.03	31.9	0.92	5.21	1.2	7	1.30	4.4
Q011395		0.69	<0.01	0.31	1.06	205	330	0.62	0.05	32.9	2.27	10.35	1.9	12	3.68	7.7
Q011396		1.08	<0.01	0.31	1.04	179.5	340	0.69	0.05	27.7	2.27	10.10	1.4	9	3.17	6.6
Q011397		0.83	<0.01	0.44	0.54	128.0	150	0.35	0.03	24.5	1.54	5.49	1.0	6	1.18	5.3
Q011398		0.93	<0.01	0.72	0.62	157.0	230	0.38	0.03	25.5	2.41	5.84	1.3	7	1.68	5.7
Q011399		0.72	<0.01	0.26	0.41	140.5	130	0.39	0.03	28.0	1.44	3.84	1.6	5	1.50	6.3
Q011400		0.71	<0.01	0.21	0.31	83.3	180	0.35	0.02	33.1	2.05	3.13	1.0	4	0.99	4.5
R501472		0.68	<0.01	0.03	0.08	74.0	110	0.24	0.01	37.2	0.87	1.37	0.8	1	0.29	2.8
R501473		0.48	<0.01	0.09	0.16	79.9	120	0.29	0.03	32.4	0.62	2.15	1.0	6	0.35	8.0
R501474		0.86	<0.01	0.08	0.22	71.4	180	0.28	0.02	36.9	0.85	2.85	0.9	3	0.73	2.7
R501475		0.54	<0.01	0.07	0.26	65.2	170	0.28	0.02	37.0	1.01	2.98	0.9	3	1.04	2.9
R501476		0.84	0.02	0.07	0.30	130.5	630	0.35	0.02	37.0	0.77	4.18	0.9	4	0.88	3.6
R501477		0.87	0.02	0.03	0.19	64.9	130	0.27	0.02	36.9	0.22	2.29	0.9	2	0.62	3.0
R501478		0.92	0.01	0.03	0.09	41.4	180	0.18	0.01	34.7	0.31	1.51	0.8	2	0.27	4.0
R501479		1.14	0.18	0.09	0.41	118.5	350	0.35	0.03	28.2	0.28	4.72	1.1	5	0.77	5.7
R501480		1.10	0.02	0.03	0.15	30.1	140	0.12	0.01	28.3	0.32	2.08	0.7	4	0.29	3.8
R501481		1.13	0.24	0.26	0.63	145.0	460	0.25	0.03	23.4	0.67	5.79	0.8	9	0.87	4.5
R501482		1.02	0.18	0.11	0.37	73.6	190	0.24	0.02	26.5	0.59	3.83	0.7	7	0.86	2.7
R501483		0.96	0.03	0.15	0.36	72.6	170	0.27	0.02	33.8	0.28	3.43	0.7	6	0.64	3.0
R501484		0.94	0.02	0.32	1.29	215	410	0.53	0.06	30.9	1.95	11.95	1.6	13	4.53	7.9
R501485		0.85	0.01	0.14	0.25	102.5	170	0.24	0.02	28.6	1.47	3.53	0.9	5	0.59	2.5
R501486		1.09	<0.01	0.08	0.10	52.9	160	0.07	0.01	23.1	0.65	1.42	0.9	2	0.27	3.3
R501487		0.94	0.01	1.39	0.09	213	130	0.08	0.01	23.4	8.12	1.19	0.7	2	0.16	2.1
R501488		1.18	0.01	0.17	0.10	55.4	1470	0.07	0.01	23.4	1.12	1.43	0.7	2	0.33	2.1
R501489		1.29	<0.01	0.22	0.05	86.6	40	0.09	0.01	23.5	1.52	0.79	1.0	1	0.12	1.9
R501490		1.25	0.01	0.20	0.20	102.0	250	0.30	0.02	34.1	2.21	2.06	0.7	3	0.38	2.4
R501491		1.57	<0.01	0.13	0.13	66.0	200	0.18	0.02	35.4	0.86	1.53	0.6	2	0.55	2.4
R501492		1.45	<0.01	0.07	0.08	34.4	200	0.18	0.01	36.1	0.66	1.36	0.5	2	0.34	2.1
R501493		0.98	<0.01	0.14	0.77	146.5	2530	0.41	0.03	34.3	1.30	7.07	1.1	8	3.44	4.6
R501494		1.10	<0.01	0.08	0.11	76.9	230	0.17	0.01	36.9	0.39	1.49	0.6	2	0.66	2.6
R501495		1.37	<0.01	0.03	0.05	32.3	120	0.12	0.01	37.2	0.71	0.97	0.5	1	0.19	2.4
R501496		1.12	<0.01	0.02	0.11	44.5	150	0.18	0.01	36.3	0.68	1.69	0.5	2	0.33	2.5
R501497		1.12	0.01	0.05	0.24	76.3	200	0.26	0.02	34.9	1.41	2.61	0.9	3	1.03	3.7
R501498		1.21	<0.01	0.02	0.07	31.1	80	0.15	0.01	36.9	0.33	1.21	0.5	1	0.31	2.2
R501499		1.19	<0.01	0.06	0.16	61.9	140	0.19	0.01	36.3	0.96	1.93	0.6	3	0.59	3.2
R501500		1.10	<0.01	0.07	0.16	83.1	150	0.25	0.01	37.8	1.18	1.86	0.6	4	0.58	3.2
R607001		1.00	<0.01	0.19	0.28	71.1	140	0.29	0.01	33.1	1.44	2.62	0.7	3	0.87	3.3

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Finalized Date: 25-JUL-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15100625

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-MS42	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	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q011391		0.08	0.31	0.38	<0.1	0.523	<0.005	0.02	0.6	0.6	6.76	86	0.31	0.01	0.1	2.2
Q011392		0.09	0.50	0.46	<0.1	0.190	<0.005	0.04	1.2	0.9	3.69	61	0.23	<0.01	0.2	2.6
Q011393		0.06	0.36	0.34	<0.1	0.164	<0.005	0.03	0.7	0.6	1.47	51	0.13	<0.01	0.1	1.5
Q011394		0.21	1.54	0.30	0.2	0.355	0.005	0.27	2.9	3.1	3.63	68	0.28	0.01	0.9	3.9
Q011395		0.43	2.70	0.22	0.4	0.244	0.009	0.43	5.3	6.7	2.10	104	0.32	0.01	1.6	15.2
Q011396		0.41	2.75	0.23	0.3	0.286	0.008	0.47	5.2	5.6	5.80	93	0.60	0.01	1.7	8.4
Q011397		0.26	1.58	0.29	0.3	0.439	<0.005	0.25	3.0	2.9	9.38	61	0.48	0.01	1.0	4.7
Q011398		0.29	1.71	0.30	0.2	0.384	0.006	0.26	3.1	3.6	7.80	86	0.40	0.01	1.0	7.8
Q011399		0.26	1.24	0.30	0.2	0.243	<0.005	0.16	2.1	3.0	7.69	72	0.38	0.01	0.6	8.5
Q011400		0.17	0.96	0.26	0.1	0.359	<0.005	0.13	1.7	1.9	2.96	59	0.29	0.01	0.5	4.0
R501472		0.08	0.34	0.14	<0.1	0.190	<0.005	0.03	1.5	0.7	0.27	307	0.11	<0.01	0.1	2.3
R501473		0.14	0.56	<0.05	0.1	0.230	<0.005	0.06	1.5	1.0	1.22	215	1.32	0.01	0.2	7.9
R501474		0.12	0.67	0.16	0.1	0.140	<0.005	0.09	2.0	1.4	0.26	303	0.18	<0.01	0.3	3.8
R501475		0.11	0.84	0.17	0.1	0.146	<0.005	0.10	1.9	1.8	0.14	468	0.14	<0.01	0.4	4.1
R501476		0.18	0.89	0.17	0.1	0.297	<0.005	0.12	3.1	1.6	0.23	132	0.30	<0.01	0.6	4.9
R501477		0.10	0.66	0.17	0.1	0.114	<0.005	0.08	1.4	1.3	0.40	271	0.22	<0.01	0.4	2.7
R501478		0.08	0.39	0.21	0.1	0.118	<0.005	0.03	1.1	0.6	1.74	94	0.29	<0.01	0.2	2.2
R501479		0.21	1.33	0.29	0.2	0.388	0.005	0.18	2.7	2.2	6.97	94	0.50	0.01	0.8	5.2
R501480		0.11	0.56	0.27	0.1	0.264	<0.005	0.06	1.3	0.8	6.15	73	0.69	0.01	0.2	2.3
R501481		0.31	1.76	0.24	0.3	1.015	<0.005	0.24	3.5	2.1	8.09	109	0.76	0.01	1.1	5.0
R501482		0.18	1.17	0.34	0.2	0.462	<0.005	0.16	2.4	1.6	7.59	140	0.50	0.01	0.6	3.8
R501483		0.17	1.02	0.22	0.2	0.517	0.005	0.15	1.9	1.5	1.60	74	0.30	0.01	0.7	2.4
R501484		0.42	3.46	0.21	0.5	0.544	0.010	0.45	6.7	8.2	1.91	141	0.56	0.02	2.0	18.0
R501485		0.18	0.82	0.31	0.1	0.230	0.006	0.09	3.8	1.2	6.85	185	0.35	0.01	0.4	4.5
R501486		0.10	0.38	0.33	<0.1	0.064	<0.005	0.03	1.8	1.0	10.85	71	0.23	0.01	0.2	4.2
R501487		0.10	0.41	0.39	<0.1	3.74	<0.005	0.03	1.3	0.8	10.30	94	0.55	0.01	0.1	3.5
R501488		0.08	0.41	0.46	<0.1	0.267	<0.005	0.03	1.8	0.9	11.25	77	0.23	0.03	0.2	3.6
R501489		0.11	0.32	0.46	<0.1	0.448	<0.005	0.02	1.0	0.8	11.50	76	0.20	0.01	0.1	4.7
R501490		0.11	0.75	0.34	0.1	0.932	<0.005	0.09	1.4	1.2	2.50	73	0.21	0.01	0.3	2.4
R501491		0.07	0.45	0.20	0.1	0.346	<0.005	0.05	1.3	1.0	1.48	51	0.14	0.01	0.2	2.2
R501492		0.06	0.29	0.16	<0.1	0.110	<0.005	0.03	1.5	0.7	0.47	56	0.23	0.01	0.1	1.5
R501493		0.24	2.11	0.14	0.3	0.195	0.006	0.27	4.5	5.6	0.41	123	0.36	0.04	1.1	9.9
R501494		0.06	0.35	0.17	<0.1	0.120	<0.005	0.04	1.3	1.0	0.50	44	0.27	0.01	0.2	2.2
R501495		0.04	0.22	0.16	<0.1	0.061	<0.005	0.02	1.2	0.6	0.22	50	0.12	<0.01	0.1	1.0
R501496		0.06	0.35	0.16	0.1	0.082	<0.005	0.04	1.7	0.7	0.17	71	0.13	<0.01	0.2	1.1
R501497		0.14	0.70	0.18	0.1	0.101	<0.005	0.09	2.0	1.9	1.87	80	0.17	0.01	0.4	4.6
R501498		0.04	0.27	0.16	<0.1	0.069	<0.005	0.03	1.4	0.7	0.21	27	0.16	<0.01	0.1	0.9
R501499		0.09	0.48	0.16	0.1	0.121	<0.005	0.06	1.5	1.0	0.19	50	0.22	0.01	0.3	1.7
R501500		0.08	0.49	0.15	0.1	0.120	<0.005	0.06	1.4	1.2	0.15	177	0.22	0.01	0.3	2.1
R607001		0.13	0.80	0.16	0.1	0.414	<0.005	0.11	1.4	1.8	2.78	50	0.25	0.01	0.4	3.0

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

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Finalized Date: 25-JUL-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15100625

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
Q011391		50	34.1	0.6	<0.002	<0.01	1.17	0.1	<1	<0.2	202	<0.05	<0.05	<0.2	<0.005	0.04
Q011392		20	16.4	1.7	<0.002	<0.01	0.67	0.4	1	<0.2	241	<0.05	<0.05	0.2	0.005	0.08
Q011393		30	14.4	1.2	<0.002	<0.01	0.92	0.3	<1	<0.2	150.5	<0.05	<0.05	<0.2	<0.005	0.05
Q011394		100	17.5	9.5	<0.002	<0.01	1.16	1.2	1	0.2	197.5	0.06	<0.05	0.9	0.031	0.11
Q011395		200	37.3	17.5	<0.002	<0.01	1.63	2.2	1	0.3	251	0.11	<0.05	1.6	0.051	0.32
Q011396		190	51.5	17.9	<0.002	<0.01	4.80	2.1	1	0.3	169.5	0.11	<0.05	1.2	0.055	0.21
Q011397		140	64.2	8.7	<0.002	<0.01	3.49	1.3	1	0.2	183.5	0.07	<0.05	0.9	0.031	0.12
Q011398		210	94.3	9.5	<0.002	<0.01	2.97	1.5	1	0.3	248	0.07	<0.05	0.8	0.034	0.25
Q011399		120	41.1	6.5	<0.002	<0.01	2.65	0.9	<1	0.2	165.0	<0.05	<0.05	0.6	0.020	0.21
Q011400		110	61.8	5.1	<0.002	0.01	4.49	0.7	1	0.2	172.5	<0.05	<0.05	0.5	0.015	0.11
R501472		40	4.0	1.3	<0.002	<0.01	0.35	6.2	1	<0.2	129.0	<0.05	<0.05	0.2	<0.005	0.07
R501473		50	17.7	2.3	0.003	0.01	1.15	6.0	1	<0.2	134.5	<0.05	<0.05	0.3	0.006	0.11
R501474		60	9.0	3.5	<0.002	0.01	0.97	7.3	1	<0.2	99.3	<0.05	<0.05	0.3	0.010	0.12
R501475		70	6.3	4.2	<0.002	<0.01	0.36	10.9	1	<0.2	71.1	<0.05	<0.05	0.4	0.012	0.13
R501476		220	9.2	4.6	<0.002	0.01	1.58	3.4	1	<0.2	165.0	<0.05	<0.05	0.6	0.016	0.12
R501477		60	4.1	3.5	<0.002	<0.01	0.44	9.8	1	<0.2	101.5	<0.05	<0.05	0.3	0.010	0.08
R501478		90	2.8	1.5	<0.002	<0.01	0.38	3.0	1	<0.2	119.0	<0.05	<0.05	0.2	0.005	0.05
R501479		190	8.5	6.9	<0.002	0.01	0.66	2.6	1	0.2	162.5	0.05	<0.05	0.8	0.024	0.14
R501480		70	2.0	2.3	<0.002	0.03	0.35	1.3	<1	<0.2	113.5	<0.05	<0.05	0.2	0.007	0.09
R501481		270	26.7	8.2	<0.002	<0.01	1.43	5.2	2	0.3	209	0.07	<0.05	1.0	0.035	0.11
R501482		100	10.7	5.8	<0.002	<0.01	0.95	5.7	1	0.2	148.0	<0.05	<0.05	0.6	0.020	0.10
R501483		90	11.4	5.4	<0.002	0.03	0.68	2.2	1	0.2	208	<0.05	<0.05	0.6	0.020	0.11
R501484		210	27.6	19.2	0.002	0.05	2.03	3.9	1	0.4	200	0.13	<0.05	2.0	0.062	0.54
R501485		110	12.4	3.4	<0.002	<0.01	3.30	1.0	<1	<0.2	166.0	<0.05	<0.05	0.4	0.012	0.15
R501486		70	11.8	1.5	<0.002	<0.01	2.86	0.3	<1	<0.2	116.0	<0.05	<0.05	0.2	0.005	0.08
R501487		110	556	1.1	<0.002	<0.01	11.10	0.3	<1	<0.2	127.5	<0.05	<0.05	<0.2	<0.005	0.19
R501488		100	63.9	1.4	<0.002	0.02	3.46	0.3	<1	<0.2	133.5	<0.05	<0.05	0.2	<0.005	0.10
R501489		70	83.3	0.7	<0.002	<0.01	8.23	0.5	<1	<0.2	120.0	<0.05	<0.05	<0.2	<0.005	0.12
R501490		80	57.3	3.2	<0.002	0.05	7.13	1.1	1	<0.2	287	<0.05	<0.05	0.3	0.010	0.40
R501491		50	23.4	2.0	<0.002	0.02	4.01	0.6	<1	<0.2	188.5	<0.05	<0.05	0.2	0.006	0.16
R501492		40	7.6	1.3	<0.002	0.01	0.73	1.3	<1	<0.2	164.5	<0.05	<0.05	0.2	<0.005	0.07
R501493		90	7.2	12.1	<0.002	0.07	0.94	5.7	<1	0.3	216	0.06	<0.05	1.2	0.032	0.55
R501494		30	13.3	1.9	0.003	0.01	2.30	0.6	<1	<0.2	239	<0.05	<0.05	0.2	0.006	0.27
R501495		20	2.3	0.9	<0.002	<0.01	0.57	1.0	<1	<0.2	144.0	<0.05	<0.05	<0.2	<0.005	0.06
R501496		40	2.3	1.5	<0.002	0.01	0.66	3.9	<1	<0.2	121.5	<0.05	<0.05	0.2	0.005	0.06
R501497		90	4.1	3.8	<0.002	0.01	0.63	1.3	<1	<0.2	214	<0.05	<0.05	0.4	0.011	0.13
R501498		30	1.3	1.2	<0.002	0.01	0.26	0.3	<1	<0.2	152.0	<0.05	<0.05	<0.2	<0.005	0.07
R501499		50	5.5	2.6	0.002	0.01	0.89	1.7	<1	<0.2	186.5	<0.05	<0.05	0.3	0.008	0.11
R501500		50	14.0	2.5	<0.002	0.01	1.03	14.2	1	0.2	136.5	<0.05	<0.05	0.3	0.008	0.12
R607001		90	28.9	4.2	<0.002	0.01	1.71	0.8	<1	0.2	154.5	<0.05	<0.05	0.4	0.013	0.13

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CERTIFICATE OF ANALYSIS WH15100625

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
Q011391		1.2	5	0.1	1.2	260	0.8
Q011392		0.8	5	0.2	2.6	78	2.3
Q011393		0.3	4	0.2	1.5	60	1.3
Q011394		0.6	10	1.0	2.3	109	8.0
Q011395		0.9	24	1.1	5.7	187	14.1
Q011396		0.8	22	1.5	6.0	155	11.9
Q011397		0.6	11	1.0	3.0	113	8.8
Q011398		0.7	15	1.0	3.5	132	9.2
Q011399		0.5	13	0.5	2.5	124	5.8
Q011400		0.7	8	0.5	2.0	121	4.5
R501472		0.7	27	0.1	21.5	28	3.9
R501473		0.5	26	0.2	17.0	62	4.5
R501474		0.9	34	0.2	27.2	39	6.8
R501475		1.1	47	0.2	36.7	40	8.8
R501476		1.2	23	0.5	12.2	55	6.2
R501477		0.8	37	0.3	28.4	25	8.3
R501478		0.7	16	0.2	10.6	26	2.6
R501479		0.8	15	0.6	7.7	50	7.6
R501480		0.3	9	0.2	5.8	50	2.5
R501481		0.9	25	1.0	12.6	133	9.1
R501482		0.8	22	0.5	11.8	86	6.9
R501483		0.5	11	0.5	5.0	52	5.9
R501484		1.8	35	1.0	9.0	233	15.4
R501485		1.6	10	0.5	11.1	86	3.7
R501486		0.8	6	0.2	5.1	45	1.4
R501487		0.8	18	0.2	3.8	99	1.5
R501488		0.6	7	0.1	4.8	51	1.4
R501489		0.6	5	0.1	3.7	167	0.9
R501490		0.8	5	0.4	4.4	234	2.8
R501491		0.6	5	0.2	3.7	71	1.9
R501492		0.9	6	0.2	6.0	30	1.4
R501493		1.6	33	0.5	12.4	123	9.9
R501494		0.4	5	0.2	5.0	35	1.8
R501495		0.5	4	0.1	4.8	19	1.2
R501496		1.0	9	0.2	7.7	19	1.9
R501497		0.9	9	0.3	5.8	60	3.5
R501498		0.3	3	0.1	3.9	17	1.1
R501499		0.6	7	0.3	5.4	40	2.4
R501500		1.9	40	0.3	22.3	31	4.6
R607001		1.1	8	0.4	2.3	90	3.4

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CERTIFICATE OF ANALYSIS WH15100625

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
R607002		0.96	<0.01	0.22	0.52	116.5	290	0.41	0.02	31.0	2.02	4.70	1.0	5	1.53	4.1
R607003		0.81	0.01	0.21	0.30	92.4	180	0.31	0.02	33.2	1.70	2.99	0.7	4	0.77	3.6
R607004		0.80	<0.01	0.10	0.20	53.8	100	0.20	0.01	32.3	1.11	2.00	0.7	3	0.68	3.1
R607005		0.54	<0.01	2.37	0.14	209	170	0.15	0.01	24.7	5.25	1.56	0.6	3	0.26	3.3
R607006		1.12	<0.01	0.44	0.15	74.2	250	0.12	0.01	24.2	2.03	1.73	0.5	3	0.26	2.6
R607007		0.87	<0.01	0.34	0.34	98.5	240	0.16	0.02	24.6	3.44	3.32	0.7	5	0.79	3.4
R607008		0.78	<0.01	0.10	0.42	94.6	200	0.36	0.01	22.1	0.29	4.33	0.9	5	0.58	3.3
R607009		1.30	<0.01	0.14	0.56	116.5	200	0.33	0.02	23.6	0.47	5.30	0.9	5	0.80	3.2
R607010		0.75	<0.01	0.12	0.12	40.2	50	0.09	0.01	24.8	0.64	1.36	0.7	3	0.16	2.0
R607011		0.70	0.01	0.05	0.80	53.0	260	0.48	0.03	21.3	0.19	7.64	1.2	7	1.11	4.4
R607012		0.91	<0.01	0.04	0.62	62.1	250	0.32	0.02	25.7	0.20	5.49	1.2	6	1.02	3.4
R607013		0.83	<0.01	0.01	0.13	21.7	60	0.15	0.01	32.1	0.10	1.60	0.8	2	0.19	2.0
R607014		0.88	0.01	0.01	0.19	49.7	100	0.26	0.01	34.8	0.15	2.23	0.6	3	0.39	2.0
R607015		0.99	<0.01	9.57	6.42	455	860	3.51	0.26	0.47	1.26	71.6	18.4	95	25.8	92.0
R607016		0.92	0.03	9.63	6.42	889	840	3.54	0.27	0.34	1.84	75.6	13.8	97	17.80	91.1
R607017		0.88	0.32	8.74	6.75	1055	1030	3.25	0.30	0.38	1.43	77.5	14.4	105	18.75	83.8
R607018		0.71	0.03	9.00	6.57	1265	1080	3.46	0.27	0.25	2.02	75.5	11.6	103	18.20	90.9
R607019		0.83	0.44	5.50	5.44	1265	1230	5.22	0.22	11.45	1.88	72.0	5.9	65	14.15	95.2
R607020		0.87	0.23	3.59	2.72	704	690	1.95	0.12	25.5	2.44	33.1	5.9	37	9.31	43.6
R607021		0.75	0.07	2.74	1.51	393	370	0.97	0.06	25.7	2.26	18.00	3.4	22	5.02	20.3
R607022		0.82	0.07	2.81	1.72	464	410	1.02	0.08	23.1	2.75	20.4	4.5	24	5.82	22.9
R607023		0.88	0.04	1.82	1.41	380	300	0.97	0.06	21.8	2.66	17.45	4.8	19	4.66	20.0
R607024		0.96	0.05	1.40	1.32	368	290	0.98	0.06	21.5	2.34	16.45	4.5	18	4.18	20.7
R607025		1.00	0.01	0.48	0.37	133.5	130	0.31	0.02	29.0	1.17	4.45	1.8	7	1.14	5.6
R607026		0.86	0.01	1.36	0.97	190.0	470	0.57	0.03	31.3	6.24	11.70	1.8	12	3.51	9.6

***** 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: 25-JUL-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15100625

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-MS42	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	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
R607002		0.25	1.43	0.17	0.2	0.336	<0.005	0.20	2.5	2.7	4.08	104	0.39	0.01	0.8	5.3
R607003		0.16	0.87	0.14	0.1	0.366	<0.005	0.13	1.6	1.8	2.05	86	0.27	0.01	0.5	2.6
R607004		0.10	0.62	0.20	0.1	0.186	<0.005	0.08	1.1	1.5	3.00	73	0.21	0.01	0.3	2.6
R607005		0.12	0.52	0.30	0.1	3.64	<0.005	0.05	0.9	0.8	9.44	66	0.55	0.01	0.3	1.9
R607006		0.10	0.60	0.37	0.1	0.709	<0.005	0.06	0.9	0.9	10.15	53	0.51	0.01	0.2	1.8
R607007		0.17	1.05	0.33	0.1	0.250	0.008	0.14	1.8	1.7	8.87	54	0.55	0.01	0.5	3.2
R607008		0.22	1.30	0.36	0.2	0.254	<0.005	0.19	2.1	2.3	9.76	60	0.44	0.01	0.6	3.4
R607009		0.26	1.59	0.27	0.2	0.284	<0.005	0.25	2.6	2.2	10.65	49	0.45	0.01	0.8	4.6
R607010		0.09	0.44	0.41	<0.1	0.202	<0.005	0.05	0.7	0.7	9.67	38	0.40	0.01	0.2	1.7
R607011		0.34	2.29	0.27	0.3	0.169	0.006	0.36	4.1	4.5	10.75	54	0.60	0.02	1.3	3.9
R607012		0.25	1.77	0.27	0.2	0.175	<0.005	0.26	2.8	3.4	7.66	44	0.39	0.02	0.9	3.3
R607013		0.08	0.48	0.28	0.1	0.076	<0.005	0.06	1.0	0.9	3.27	28	0.22	0.01	0.2	1.3
R607014		0.09	0.57	0.21	0.1	0.168	<0.005	0.08	1.4	1.2	0.97	24	0.16	0.01	0.4	1.1
R607015		2.02	18.25	0.20	2.8	1.680	0.050	2.76	38.8	14.8	0.39	171	3.26	0.04	17.0	67.8
R607016		2.67	18.60	0.19	3.0	2.47	0.049	2.76	40.9	17.3	0.35	186	5.77	0.04	18.6	77.0
R607017		2.62	19.35	0.16	3.0	2.67	0.051	2.75	42.4	20.6	0.36	131	5.78	0.04	20.0	80.8
R607018		3.54	18.60	0.18	2.9	2.34	0.047	2.84	41.3	15.2	0.37	110	5.50	0.04	19.3	81.9
R607019		2.41	11.85	0.25	2.0	1.500	0.049	1.68	49.9	18.4	0.26	240	4.14	0.04	11.0	83.6
R607020		1.50	6.76	0.12	1.1	1.070	0.033	0.94	22.5	9.4	0.36	369	2.26	0.03	5.6	53.0
R607021		0.89	4.14	0.12	0.7	0.885	0.015	0.60	10.2	4.4	3.49	185	1.39	0.01	3.6	24.0
R607022		1.04	4.63	0.11	0.8	0.975	0.018	0.67	11.8	5.1	4.19	188	1.53	0.02	4.0	29.7
R607023		0.84	3.67	0.12	0.6	0.626	0.012	0.52	10.3	4.7	8.18	168	1.48	0.02	3.1	28.2
R607024		0.77	3.33	0.12	0.6	0.515	0.014	0.46	9.8	4.7	8.35	182	1.47	0.02	2.8	26.9
R607025		0.28	1.02	0.12	0.2	0.240	0.006	0.14	2.7	1.7	6.17	106	0.69	0.01	0.8	8.9
R607026		0.39	2.53	0.10	0.4	0.486	0.011	0.38	6.1	4.4	2.27	161	0.50	0.02	1.5	11.4

***** 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: 25-JUL-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15100625

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
R607002		170	37.2	7.7	<0.002	0.01	4.46	1.1	<1	0.3	229	0.05	<0.05	0.8	0.026	0.18
R607003		90	50.3	4.7	<0.002	0.01	2.28	1.5	1	0.2	141.5	<0.05	<0.05	0.5	0.016	0.15
R607004		40	18.8	3.2	<0.002	0.01	1.59	0.8	<1	<0.2	120.0	<0.05	<0.05	0.3	0.009	0.10
R607005		120	660	2.0	<0.002	<0.01	19.55	0.3	1	0.2	168.0	<0.05	<0.05	0.3	0.009	0.28
R607006		90	123.0	2.2	<0.002	<0.01	6.08	0.4	1	<0.2	149.5	<0.05	<0.05	0.2	0.007	0.08
R607007		160	75.4	5.1	<0.002	<0.01	9.57	0.8	<1	0.2	221	<0.05	<0.05	0.5	0.016	0.14
R607008		190	9.9	6.4	<0.002	<0.01	2.56	1.5	1	0.2	156.0	<0.05	<0.05	0.6	0.021	0.10
R607009		160	16.3	8.3	<0.002	<0.01	5.55	1.6	1	0.2	156.0	0.05	<0.05	0.8	0.027	0.11
R607010		50	28.2	1.9	<0.002	<0.01	4.60	0.3	1	<0.2	117.5	<0.05	<0.05	0.2	0.006	0.11
R607011		260	3.9	12.8	<0.002	0.17	6.03	1.7	1	0.3	169.0	0.09	<0.05	1.1	0.042	0.42
R607012		180	6.7	9.0	<0.002	0.08	5.00	1.9	1	0.2	185.0	0.06	<0.05	0.8	0.030	0.48
R607013		50	1.1	2.1	<0.002	0.02	0.57	0.3	<1	<0.2	97.0	<0.05	<0.05	0.2	0.007	0.07
R607014		50	1.2	2.9	<0.002	0.06	0.80	0.6	<1	<0.2	115.5	<0.05	<0.05	0.3	0.011	0.14
R607015		930	88.4	134.5	<0.002	0.06	11.00	12.5	3	2.0	173.0	1.06	0.13	10.3	0.359	1.84
R607016		1190	95.6	132.5	<0.002	<0.01	20.0	13.5	3	2.1	75.9	1.14	0.10	11.3	0.367	1.21
R607017		1200	128.5	128.5	<0.002	0.01	33.7	13.8	2	2.2	117.5	1.18	0.14	11.8	0.398	1.16
R607018		1100	175.0	132.0	<0.002	0.05	47.4	14.5	4	2.1	135.5	1.13	0.13	10.7	0.386	1.62
R607019		4060	616	75.1	<0.002	0.04	16.00	12.4	5	1.4	1450	0.66	0.10	6.7	0.223	1.09
R607020		1280	190.5	46.0	<0.002	0.01	9.33	8.1	2	0.9	535	0.35	0.06	3.9	0.123	0.69
R607021		440	75.2	29.6	<0.002	<0.01	6.81	5.5	1	0.5	250	0.23	<0.05	2.3	0.078	0.40
R607022		540	90.1	32.5	<0.002	<0.01	7.06	5.4	1	0.6	250	0.25	<0.05	2.5	0.087	0.44
R607023		540	89.0	25.3	<0.002	<0.01	6.20	3.8	1	0.5	250	0.20	<0.05	2.2	0.070	0.38
R607024		620	91.6	22.5	<0.002	<0.01	4.79	3.8	1	0.4	279	0.18	<0.05	2.0	0.063	0.40
R607025		160	34.6	6.5	<0.002	<0.01	2.92	1.3	<1	0.2	304	0.05	<0.05	0.6	0.018	0.13
R607026		240	45.7	18.1	<0.002	<0.01	1.70	3.3	1	0.3	185.5	0.10	<0.05	1.5	0.045	0.25

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

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15100625

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
R607002		0.8	12	0.9	3.8	129	6.8
R607003		0.5	11	0.6	5.4	83	4.6
R607004		0.4	8	0.2	3.4	70	2.7
R607005		0.4	8	0.4	1.9	94	2.6
R607006		0.3	7	0.2	2.3	159	2.3
R607007		0.4	10	0.5	2.4	112	4.3
R607008		0.9	12	0.5	4.3	112	5.4
R607009		0.7	11	0.7	3.7	134	6.6
R607010		0.2	3	0.2	1.3	63	1.9
R607011		1.3	15	1.1	5.7	29	10.7
R607012		0.8	12	0.8	3.8	29	7.4
R607013		0.3	3	0.2	2.1	13	1.9
R607014		0.4	3	0.3	2.8	14	2.7
R607015		3.9	362	13.5	27.3	270	114.0
R607016		4.1	373	18.1	29.8	384	120.5
R607017		4.3	407	22.0	30.9	421	128.5
R607018		4.0	437	20.0	32.6	716	122.5
R607019		5.4	253	15.0	113.5	583	83.6
R607020		4.0	141	7.3	40.9	427	46.7
R607021		2.6	95	3.7	19.3	224	29.8
R607022		3.0	100	4.2	18.6	291	32.9
R607023		2.8	78	3.8	16.1	254	25.8
R607024		2.6	71	3.5	19.2	235	24.1
R607025		1.6	22	1.0	5.6	94	6.8
R607026		2.2	27	1.5	12.2	158	14.0

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: NADALEEN

Finalized Date: 25-JUL-2015
Account: RCM

CERTIFICATE OF ANALYSIS WH15100625

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.

BAG-06	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-MS42	ME-MS61

ALS Canada Ltd.

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2015
Account: RCM

CERTIFICATE WH15102110

Project: NADALEEN

P.O. No.: NA-15-006

This report is for 82 Rock samples submitted to our lab in Whitehorse, YT, Canada on 13-JUL-2015.

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
BAG-06	Double Bagging Coarse Rejects
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

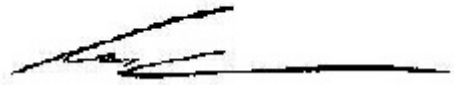
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	
Hg-MS42	Trace Hg by ICPMS	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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VANCOUVER BC V6B 1L8

Finalized Date: 25-JUL-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15102110

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
R607027		0.78	0.03	8.77	5.78	710	1060	1.91	0.25	1.68	2.19	64.8	8.3	91	15.65	94.1
R607028		1.09	0.02	11.35	6.50	673	810	2.05	0.27	0.83	2.18	76.3	14.2	99	18.20	87.9
R607029		1.30	0.10	11.55	5.88	862	780	1.72	0.31	0.62	2.36	68.7	15.2	92	15.90	76.9
R607030		1.61	0.19	13.45	6.31	598	960	1.97	0.27	0.55	1.62	71.9	9.8	100	16.40	81.8
R607031		1.45	0.20	6.98	6.17	770	850	2.25	0.24	0.33	1.68	71.0	10.3	101	19.30	103.0
R607032		2.26	0.35	2.19	2.15	1180	320	1.23	0.05	25.9	3.22	26.3	3.8	37	6.97	49.6
R607033		0.79	0.03	0.49	0.12	153.5	80	0.42	0.01	35.5	1.48	2.86	0.9	8	0.48	6.1
R607034		1.41	0.03	0.86	0.38	176.0	1760	0.65	0.02	32.9	4.58	5.84	1.1	11	4.72	5.9
R607035		0.87	0.02	0.31	0.38	154.5	1300	0.46	0.02	34.2	2.41	5.42	1.1	11	2.82	5.2
R607036		0.94	0.01	0.13	0.21	80.6	360	0.22	0.01	36.1	1.26	3.78	0.7	8	1.21	3.3
R607037		1.27	0.01	0.13	0.38	71.4	240	0.22	0.02	34.8	0.68	5.94	0.7	9	2.21	3.2
R607038		0.98	<0.01	0.12	0.30	57.0	170	0.18	0.02	30.5	0.96	3.91	0.6	8	1.07	2.5
R607039		0.74	0.02	0.54	0.76	211	540	0.58	0.03	31.7	1.50	8.59	1.9	14	3.40	12.1
R607040		0.97	0.02	0.61	0.90	125.5	3680	0.54	0.03	33.4	2.33	9.25	1.7	12	4.68	9.8
R607041		1.13	0.01	0.36	0.75	134.5	1550	0.41	0.03	31.1	1.24	7.81	1.5	13	3.49	8.5
R607042		1.00	0.01	0.50	1.03	114.0	1020	0.45	0.03	32.9	2.26	10.60	1.6	16	4.65	9.7
R607043		0.95	0.01	0.43	0.36	73.5	390	0.31	0.02	35.9	2.64	4.69	0.9	9	1.77	5.5
R607044		1.02	0.01	0.29	0.48	86.3	610	0.37	0.02	34.3	2.14	6.38	0.9	10	2.24	5.9
R607045		1.13	0.01	0.39	0.36	104.5	630	0.34	0.02	34.9	2.98	5.13	1.2	8	2.50	6.0
R607046		1.34	0.01	0.14	0.22	83.0	240	0.39	0.01	34.6	0.91	2.87	0.8	6	0.86	3.5
R607047		0.86	0.01	0.17	0.43	83.2	480	0.40	0.02	34.7	1.10	5.04	0.8	9	2.12	4.8
R607048		1.03	0.01	0.14	0.38	83.4	200	0.46	0.02	35.4	0.70	4.90	0.7	5	1.27	2.7
R607049		0.93	<0.01	0.12	0.15	85.4	160	0.25	0.01	36.6	0.69	2.01	0.8	3	0.67	2.7
R607050		1.37	<0.01	0.17	0.49	233	310	0.47	0.02	34.8	0.93	5.38	2.3	7	2.13	4.4
R607051		1.02	<0.01	0.14	0.32	93.9	330	0.33	0.01	35.0	0.79	3.62	0.9	5	1.55	3.4
R607052		0.75	<0.01	0.12	0.26	134.5	200	0.28	0.01	35.0	0.42	3.17	1.4	4	1.03	3.2
R607053		0.85	0.01	0.48	0.70	143.0	740	0.42	0.03	34.9	1.22	7.35	1.5	10	3.38	7.6
R607054		0.99	<0.01	0.06	0.40	76.0	170	0.20	0.02	35.3	0.95	5.24	1.0	11	1.30	3.6
R607055		1.61	0.01	0.18	0.94	154.5	360	0.43	0.05	31.4	1.33	11.30	2.0	16	3.74	7.9
R607056		1.29	<0.01	0.14	0.78	195.0	600	0.47	0.04	34.3	1.96	9.27	2.3	16	3.70	8.5
R607057		1.48	0.01	0.12	0.59	178.0	760	0.40	0.03	34.4	1.14	8.13	2.1	8	3.12	6.7
R607058		1.46	<0.01	0.06	0.42	130.5	340	0.25	0.02	35.5	0.91	5.06	1.4	11	1.87	3.8
R607059		0.83	<0.01	0.02	0.16	48.9	150	0.15	0.01	36.9	0.81	2.69	0.6	9	0.78	2.2
R607060		1.03	<0.01	0.01	0.06	32.1	90	0.07	0.01	35.5	0.31	0.86	0.4	5	0.25	1.1
R607061		1.23	<0.01	0.02	0.23	101.5	140	0.18	0.01	36.0	0.86	3.38	0.7	8	1.14	2.5
R607062		1.08	<0.01	0.03	0.23	144.0	230	0.37	0.01	36.0	1.97	3.06	0.7	6	1.08	3.3
R607063		1.24	<0.01	0.03	0.40	248	190	0.38	0.03	35.8	1.14	6.17	0.8	6	1.42	6.5
R607064		1.02	<0.01	0.01	0.94	80.0	250	0.34	0.05	32.8	0.31	9.68	1.1	11	3.10	3.1
R607065		1.01	<0.01	0.01	0.17	64.2	130	0.17	0.01	36.9	0.55	2.24	0.4	3	0.77	2.1
R607066		1.05	<0.01	0.02	0.17	102.0	160	0.21	0.01	35.9	0.61	2.42	0.7	3	0.65	2.2

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

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Finalized Date: 25-JUL-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15102110

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-MS42	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	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
R607027		2.34	15.90	0.10	2.7	4.96	0.060	2.54	35.5	11.3	0.65	108	4.93	0.03	17.3	59.5
R607028		2.22	18.40	0.13	3.2	4.84	0.066	2.92	42.7	12.1	0.50	192	5.18	0.03	21.8	63.1
R607029		2.70	16.20	0.15	3.0	6.74	0.064	2.62	38.2	10.9	0.38	213	7.87	0.02	18.9	80.2
R607030		1.88	18.15	0.11	2.9	12.45	0.051	2.79	40.1	12.2	0.38	91	5.25	0.03	20.3	58.7
R607031		2.44	17.25	0.09	3.0	26.3	0.038	2.70	40.0	12.9	0.37	117	7.01	0.03	21.6	70.9
R607032		1.91	5.73	<0.05	1.1	4.49	0.016	0.86	16.9	4.5	0.19	605	9.22	0.01	7.0	47.0
R607033		0.30	0.39	<0.05	0.1	0.364	0.007	0.05	3.6	0.7	0.13	832	2.62	<0.01	0.3	5.6
R607034		0.29	1.14	<0.05	0.2	0.387	0.008	0.13	4.4	2.5	0.40	412	1.51	0.01	0.7	8.8
R607035		0.26	1.09	0.06	0.2	0.253	<0.005	0.15	4.0	2.1	0.89	190	1.03	0.01	0.7	7.6
R607036		0.14	0.58	0.08	0.1	0.140	<0.005	0.09	2.9	1.2	0.80	85	0.36	<0.01	0.4	3.3
R607037		0.15	1.04	0.10	0.2	0.144	<0.005	0.16	4.1	1.9	0.59	58	0.41	0.01	0.6	3.2
R607038		0.12	0.85	0.16	0.1	0.147	<0.005	0.14	2.4	1.4	5.18	61	0.38	0.01	0.5	3.0
R607039		0.46	2.04	0.15	0.3	0.282	0.007	0.27	5.8	5.1	2.72	140	0.75	0.02	1.3	15.2
R607040		0.32	2.49	0.14	0.3	0.220	0.007	0.32	6.0	6.4	0.65	126	0.46	<0.01	1.3	14.3
R607041		0.30	2.05	0.15	0.3	0.245	0.008	0.28	5.2	5.2	2.49	86	0.42	0.02	1.2	11.6
R607042		0.29	2.75	0.18	0.4	0.195	0.011	0.37	7.0	7.1	1.33	88	0.29	0.02	1.5	13.5
R607043		0.16	1.06	0.14	0.1	0.157	<0.005	0.14	3.9	2.7	0.36	127	0.15	0.01	0.5	6.4
R607044		0.20	1.29	0.15	0.2	0.133	<0.005	0.19	5.0	2.8	0.67	136	0.26	0.01	0.8	6.7
R607045		0.21	1.01	0.15	0.1	0.098	<0.005	0.13	4.6	2.5	0.19	121	0.26	0.01	0.5	9.6
R607046		0.15	0.61	0.12	0.1	0.116	<0.005	0.09	2.0	1.4	1.05	91	0.21	0.01	0.4	4.7
R607047		0.16	1.17	0.13	0.2	0.107	<0.005	0.17	3.8	2.5	0.25	100	0.19	0.01	0.7	5.2
R607048		0.17	1.01	0.08	0.1	0.098	<0.005	0.17	3.5	1.6	0.26	121	0.25	<0.01	0.6	4.7
R607049		0.17	0.45	0.09	0.1	0.096	<0.005	0.06	1.4	1.0	0.17	100	0.23	<0.01	0.3	6.2
R607050		0.49	1.29	0.06	0.2	0.120	0.005	0.23	3.3	2.0	0.22	139	0.65	0.01	0.9	21.5
R607051		0.19	0.90	0.07	0.1	0.103	<0.005	0.13	2.4	1.8	0.27	92	0.30	0.01	0.6	7.4
R607052		0.25	0.72	0.09	0.1	0.155	<0.005	0.11	2.1	1.4	0.42	91	0.39	<0.01	0.5	12.6
R607053		0.31	1.87	0.10	0.3	0.217	0.006	0.26	4.7	4.5	0.41	114	0.41	0.01	1.2	13.2
R607054		0.25	1.05	0.09	0.2	0.065	<0.005	0.16	3.6	2.2	0.53	69	0.51	0.02	0.8	3.9
R607055		0.53	2.38	0.11	0.5	0.146	0.006	0.35	6.6	5.6	0.77	99	1.11	0.04	1.9	11.9
R607056		0.53	2.15	0.08	0.3	0.110	0.007	0.28	6.6	5.3	0.34	101	0.60	0.02	1.4	20.7
R607057		0.41	1.77	0.06	0.2	0.092	0.005	0.22	6.4	4.1	0.19	72	0.51	0.01	1.1	18.3
R607058		0.28	1.17	0.07	0.2	0.072	<0.005	0.17	3.9	2.5	0.77	71	0.33	0.01	0.7	9.4
R607059		0.10	0.46	0.07	0.1	0.036	<0.005	0.06	2.5	1.0	0.13	48	0.12	<0.01	0.3	3.6
R607060		0.06	0.20	0.10	<0.1	0.058	<0.005	0.02	0.8	0.5	0.11	37	0.10	<0.01	0.1	1.3
R607061		0.19	0.63	0.11	0.1	0.040	<0.005	0.10	3.1	1.2	0.28	60	0.22	<0.01	0.4	4.9
R607062		0.28	0.66	0.08	0.1	0.039	<0.005	0.10	2.2	1.3	0.20	129	0.33	<0.01	0.4	6.2
R607063		0.46	1.08	0.11	0.2	0.077	0.005	0.18	4.2	1.5	0.28	93	1.30	0.01	0.7	9.5
R607064		0.38	2.33	0.12	0.3	0.110	0.011	0.44	5.7	3.1	1.10	46	0.35	0.01	1.7	6.2
R607065		0.13	0.43	0.12	0.1	0.030	<0.005	0.08	1.5	0.9	0.20	34	0.37	<0.01	0.3	2.1
R607066		0.20	0.49	0.11	0.1	0.052	<0.005	0.07	1.7	0.9	0.53	82	0.25	<0.01	0.3	6.8

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

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To: **ATAC RESOURCES LTD.**
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Finalized Date: 25-JUL-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15102110

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
R607027		960	85.1	112.5	0.005	0.04	12.55	11.0	3	1.8	141.5	1.06	0.10	9.2	0.358	6.61
R607028		1280	88.5	127.5	0.004	0.02	12.65	12.8	2	2.1	141.0	1.33	0.12	11.2	0.414	6.19
R607029		1430	128.0	115.5	0.003	0.02	16.10	12.7	3	1.9	120.5	1.16	0.11	10.1	0.373	5.23
R607030		1280	114.0	125.0	0.005	0.01	15.70	11.9	3	2.0	129.5	1.26	0.09	10.6	0.397	4.88
R607031		1180	51.3	123.5	0.004	0.02	8.43	11.2	4	2.0	128.0	1.29	0.11	10.5	0.395	5.50
R607032		820	19.7	38.6	0.002	<0.01	7.96	6.0	1	0.7	262	0.43	0.05	3.4	0.130	2.85
R607033		380	9.5	2.0	<0.002	<0.01	1.17	1.3	1	<0.2	182.5	<0.05	<0.05	0.2	0.007	0.30
R607034		210	28.1	6.7	<0.002	0.04	3.48	1.9	<1	<0.2	178.0	<0.05	<0.05	0.6	0.021	0.49
R607035		170	15.0	6.8	0.002	0.03	1.56	1.2	1	<0.2	257	<0.05	<0.05	0.6	0.021	0.31
R607036		100	5.9	3.8	0.002	0.01	0.58	0.6	<1	<0.2	271	<0.05	<0.05	0.4	0.011	0.16
R607037		130	4.7	7.2	<0.002	0.01	0.47	1.0	<1	<0.2	263	<0.05	<0.05	0.6	0.019	0.17
R607038		120	6.6	5.4	<0.002	<0.01	0.30	0.9	<1	<0.2	203	<0.05	<0.05	0.5	0.015	0.12
R607039		180	14.3	13.2	<0.002	<0.01	1.07	1.9	1	0.2	197.5	0.09	<0.05	1.2	0.038	0.42
R607040		140	15.7	16.3	<0.002	0.09	0.59	2.8	<1	0.3	366	0.08	<0.05	1.4	0.036	0.61
R607041		150	9.9	13.1	<0.002	0.02	0.50	1.6	<1	0.2	309	0.07	<0.05	1.2	0.033	0.37
R607042		200	13.5	18.0	<0.002	0.03	0.43	2.4	1	0.3	161.5	0.09	<0.05	1.6	0.043	0.40
R607043		70	17.4	6.8	<0.002	0.01	0.24	2.0	<1	<0.2	110.5	<0.05	<0.05	0.6	0.015	0.22
R607044		110	13.5	8.8	<0.002	0.02	0.46	1.8	<1	0.2	132.5	0.05	<0.05	0.8	0.022	0.22
R607045		80	13.9	6.7	<0.002	0.02	0.47	1.9	<1	<0.2	145.5	<0.05	<0.05	0.6	0.015	0.19
R607046		90	6.8	4.1	0.002	0.01	0.35	0.7	<1	<0.2	128.5	<0.05	<0.05	0.3	0.011	0.10
R607047		100	8.1	8.0	<0.002	0.01	0.33	1.1	<1	0.2	149.5	0.05	<0.05	0.6	0.020	0.22
R607048		150	8.6	6.9	<0.002	0.01	0.57	1.1	1	<0.2	141.0	<0.05	<0.05	0.6	0.018	0.19
R607049		50	6.8	2.7	<0.002	0.01	0.60	0.6	1	<0.2	114.5	<0.05	<0.05	0.2	0.007	0.07
R607050		320	5.7	9.4	<0.002	0.01	1.09	1.3	1	0.2	139.5	0.05	<0.05	0.7	0.025	0.17
R607051		130	6.3	5.9	<0.002	0.01	0.56	0.9	<1	<0.2	124.5	<0.05	<0.05	0.5	0.016	0.15
R607052		140	3.9	4.8	<0.002	0.01	0.60	0.7	1	<0.2	114.5	<0.05	<0.05	0.4	0.014	0.15
R607053		180	12.4	12.3	<0.002	0.02	0.58	1.6	1	0.2	136.0	0.07	<0.05	1.1	0.034	0.32
R607054		110	4.5	6.9	<0.002	0.01	0.29	1.0	1	<0.2	213	0.05	<0.05	0.7	0.025	0.08
R607055		180	9.2	16.3	<0.002	<0.01	0.68	2.1	<1	0.3	157.0	0.12	<0.05	1.6	0.054	0.24
R607056		130	11.6	13.5	<0.002	0.02	0.94	1.8	<1	0.2	138.5	0.09	<0.05	1.3	0.041	0.26
R607057		120	11.2	10.8	<0.002	0.02	0.86	1.3	1	0.2	156.5	0.07	<0.05	1.0	0.030	0.21
R607058		100	5.6	7.8	<0.002	0.01	0.45	0.9	<1	0.2	139.0	0.05	<0.05	0.7	0.021	0.14
R607059		50	2.9	2.9	<0.002	<0.01	0.21	0.5	<1	<0.2	544	<0.05	<0.05	0.3	0.008	0.06
R607060		40	1.3	1.1	<0.002	<0.01	0.14	0.2	<1	<0.2	551	<0.05	<0.05	<0.2	<0.005	0.03
R607061		60	3.3	4.4	<0.002	<0.01	0.34	0.6	<1	<0.2	184.0	<0.05	<0.05	0.4	0.011	0.07
R607062		100	5.5	4.4	<0.002	0.01	0.56	0.8	<1	<0.2	110.5	<0.05	<0.05	0.4	0.011	0.10
R607063		140	6.2	7.5	<0.002	0.01	0.96	1.1	<1	<0.2	123.0	<0.05	<0.05	0.7	0.022	0.11
R607064		190	2.5	19.1	<0.002	0.16	0.24	1.8	1	0.3	147.0	0.11	<0.05	1.6	0.044	0.15
R607065		90	2.6	3.3	0.002	0.01	0.20	0.5	<1	<0.2	295	<0.05	<0.05	0.3	0.009	0.03
R607066		80	3.0	3.1	<0.002	<0.01	0.33	0.5	<1	<0.2	103.5	<0.05	<0.05	0.3	0.008	0.07

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CERTIFICATE OF ANALYSIS WH15102110

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
R607027		3.8	381	14.8	26.8	355	106.5
R607028		4.5	442	19.4	30.1	397	126.0
R607029		4.3	413	19.6	28.3	448	110.5
R607030		4.3	437	19.0	27.2	290	115.0
R607031		4.5	450	17.8	28.6	194	118.0
R607032		5.9	149	10.0	24.7	236	43.5
R607033		5.8	23	1.1	10.1	45	2.8
R607034		4.4	20	1.1	17.5	80	7.2
R607035		1.9	14	0.8	11.2	90	6.5
R607036		0.7	7	0.3	8.1	44	3.5
R607037		0.8	8	0.4	9.1	35	5.3
R607038		0.8	6	0.3	5.4	32	4.2
R607039		2.6	28	0.7	11.0	127	10.8
R607040		1.9	28	0.7	8.8	121	11.7
R607041		1.2	23	0.6	7.3	104	9.7
R607042		1.0	27	0.7	9.6	117	12.8
R607043		1.3	12	0.3	9.7	70	5.8
R607044		1.4	15	0.4	12.6	73	8.8
R607045		1.0	13	0.4	13.1	66	5.8
R607046		0.5	8	0.3	5.0	46	3.5
R607047		0.9	12	0.5	8.3	43	6.0
R607048		1.0	10	0.5	8.3	38	4.9
R607049		0.8	8	0.2	4.5	38	2.4
R607050		1.6	17	0.6	10.2	87	6.7
R607051		0.8	10	0.4	5.2	47	4.9
R607052		0.9	9	0.4	5.0	58	3.8
R607053		1.3	23	0.7	7.1	91	9.7
R607054		0.5	11	0.2	7.2	30	6.3
R607055		0.8	27	0.5	8.4	82	13.7
R607056		1.1	26	0.8	13.2	94	11.3
R607057		0.8	22	0.8	12.8	74	8.6
R607058		0.8	12	0.4	9.0	43	5.8
R607059		0.6	5	0.2	7.9	20	2.4
R607060		0.4	2	0.1	2.5	11	0.9
R607061		0.6	7	0.2	8.8	30	3.4
R607062		1.8	10	0.3	6.9	43	4.3
R607063		1.0	13	0.3	9.9	81	7.1
R607064		0.7	10	0.3	8.0	32	10.7
R607065		0.3	4	0.2	3.5	21	2.6
R607066		0.4	6	0.2	4.1	51	2.8

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

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To: **ATAC RESOURCES LTD.**
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Finalized Date: 25-JUL-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15102110

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
R607067		1.17	<0.01	0.02	0.16	157.5	110	0.29	0.01	34.9	1.37	2.16	0.8	3	0.70	1.9
R607068		0.94	<0.01	0.02	0.23	184.0	230	0.40	0.02	35.5	0.80	3.25	1.2	4	2.45	2.0
R607069		1.10	<0.01	0.02	0.19	113.5	530	0.38	0.01	36.6	1.37	2.77	0.9	3	1.03	2.7
R607070		1.19	<0.01	0.04	0.37	115.5	250	0.28	0.02	33.4	1.26	4.17	1.1	5	1.90	3.2
R607071		1.33	<0.01	0.03	0.18	47.5	160	0.14	0.01	35.1	0.44	2.60	0.6	3	0.95	1.8
R607072		1.31	<0.01	0.02	1.80	270	250	0.59	0.07	27.3	0.28	18.65	3.6	19	8.94	6.9
R607073		1.27	<0.01	<0.01	0.30	95.7	230	0.28	0.02	33.8	0.25	3.74	0.8	4	0.95	1.6
R607074		1.25	<0.01	0.02	0.27	88.3	180	0.28	0.01	35.3	1.14	3.13	0.7	4	1.30	2.4
R607075		1.20	<0.01	0.02	0.61	203	200	0.41	0.03	33.6	1.26	7.39	1.2	8	3.20	3.0
R607076		1.19	<0.01	0.01	0.40	87.1	130	0.24	0.02	32.5	0.69	4.26	1.0	6	1.90	2.8
R607077		1.25	<0.01	0.01	0.27	33.8	80	0.13	0.02	27.6	0.14	2.78	0.8	5	0.65	2.0
R607078		1.39	<0.01	0.01	0.28	78.6	130	0.48	0.01	35.3	1.60	3.00	0.7	4	1.14	1.9
R607079		1.38	<0.01	0.02	0.58	161.5	230	0.58	0.03	35.3	1.82	5.63	1.5	8	3.32	3.3
R607080		1.82	<0.01	0.02	0.23	361	1060	0.55	0.01	36.2	2.41	3.66	1.9	4	1.37	3.5
R607081		1.83	<0.01	0.02	0.58	292	2620	0.75	0.03	35.0	2.41	7.15	2.1	8	2.94	5.1
R607082		1.37	<0.01	0.02	0.69	202	1550	0.57	0.03	34.5	1.53	7.74	1.2	8	2.96	3.3
R607083		1.18	<0.01	0.03	0.19	155.5	370	0.36	0.01	36.0	1.35	2.29	3.0	3	0.90	3.2
R607084		1.18	<0.01	0.02	0.39	390	490	0.52	0.02	35.5	0.66	4.20	2.0	6	1.92	3.1
R607085		1.54	<0.01	0.01	0.19	76.9	560	0.16	0.01	36.7	0.22	2.21	0.7	3	0.71	1.5
R607086		1.42	<0.01	0.03	0.18	43.5	330	0.15	0.01	35.3	0.48	1.89	0.6	3	0.96	2.0
R607087		1.37	<0.01	0.03	0.45	131.0	440	0.40	0.02	33.9	1.00	4.76	1.2	6	1.68	3.3
R607088		1.80	<0.01	0.03	0.26	221	260	0.35	0.02	33.3	0.98	3.39	1.1	4	0.90	3.9
R607089		1.78	<0.01	0.04	0.30	44.3	650	0.35	0.01	34.9	3.24	3.41	0.7	4	1.78	2.8
R607090		1.29	<0.01	0.04	0.80	94.0	770	0.60	0.03	33.6	3.80	8.52	0.8	9	3.85	3.6
R607091		1.22	<0.01	0.11	0.72	124.5	440	0.56	0.03	33.1	7.70	8.09	1.4	9	3.86	4.1
R607092		0.65	<0.01	0.15	0.39	142.5	390	0.38	0.02	34.5	0.88	4.84	1.0	6	0.95	4.1
R607093		0.94	0.55	1.14	6.74	4290	1110	5.81	0.16	8.97	4.17	64.6	5.3	75	12.35	141.0
R607094		1.20	0.23	2.23	5.72	5270	810	3.28	0.19	1.14	5.48	73.5	3.3	94	11.10	114.0
R607095		1.59	0.32	2.88	5.51	4290	780	2.33	0.19	0.58	3.69	72.8	2.0	93	13.70	83.4
R607096		1.68	0.44	2.92	5.62	3560	790	1.80	0.23	0.39	2.81	69.7	1.6	100	15.65	69.2
R607097		1.21	0.35	2.48	5.58	2820	890	2.10	0.21	0.91	2.15	72.6	1.8	93	17.00	64.7
R607098		0.59	0.14	1.02	4.77	2500	830	1.58	0.20	6.52	1.24	58.4	1.3	73	15.35	39.4
R607099		1.57	0.24	0.98	5.11	3250	890	1.32	0.23	0.40	0.22	60.8	0.7	84	20.7	38.9
R607100		1.34	0.33	0.84	5.48	998	790	1.32	0.25	0.74	0.17	71.8	0.8	90	22.2	23.2
R607101		0.86	0.02	0.48	5.39	768	1680	1.18	0.24	0.40	0.06	66.7	0.9	81	12.45	9.9
R607102		1.40	0.01	0.51	5.22	2380	890	1.15	0.23	0.17	0.02	67.4	0.8	83	14.60	9.8
R607103		1.51	<0.01	0.43	4.43	608	1000	0.98	0.24	0.09	<0.02	65.6	0.7	68	12.75	6.6
R607104		2.25	<0.01	0.60	4.05	428	1050	0.88	0.21	0.08	<0.02	62.4	0.8	61	11.25	6.3
R607105		1.66	<0.01	0.60	4.62	320	1050	1.03	0.24	0.54	0.08	65.4	0.8	67	12.40	6.2
R607106		1.39	<0.01	0.53	4.37	238	830	0.92	0.13	0.08	0.03	55.0	0.6	64	10.45	11.4

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Finalized Date: 25-JUL-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15102110

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-MS42	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	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
R607067		0.24	0.45	0.13	0.1	0.118	<0.005	0.07	1.4	0.8	0.98	120	0.37	<0.01	0.3	8.3
R607068		0.29	0.64	0.12	0.1	0.189	<0.005	0.10	2.6	1.1	1.15	161	0.38	<0.01	0.4	9.4
R607069		0.22	0.52	0.14	0.1	0.100	<0.005	0.08	2.2	1.0	0.27	127	0.22	<0.01	0.3	6.2
R607070		0.26	1.03	0.11	0.1	0.125	<0.005	0.15	2.5	2.1	2.03	102	0.27	0.01	0.6	8.6
R607071		0.11	0.51	0.15	0.1	0.060	<0.005	0.07	2.1	1.2	0.34	47	0.13	<0.01	0.3	3.4
R607072		0.92	4.68	0.15	0.7	0.403	0.025	0.85	9.3	6.1	4.16	118	1.16	0.02	3.2	16.6
R607073		0.18	0.78	0.13	0.1	0.120	0.005	0.14	2.2	1.1	1.17	109	0.28	<0.01	0.5	3.5
R607074		0.19	0.74	0.11	0.1	0.075	<0.005	0.12	2.0	1.2	0.56	99	0.26	<0.01	0.5	5.4
R607075		0.44	1.65	0.15	0.3	0.116	0.006	0.29	4.7	2.1	1.49	115	0.89	0.01	1.1	17.8
R607076		0.24	1.08	0.10	0.1	0.076	<0.005	0.19	2.9	1.5	3.22	79	0.42	0.01	0.7	8.3
R607077		0.16	0.74	0.14	0.1	0.044	<0.005	0.12	1.6	1.3	6.35	39	0.53	0.01	0.5	3.6
R607078		0.18	0.77	0.17	0.1	0.066	<0.005	0.13	1.9	0.9	0.46	247	0.38	<0.01	0.5	5.6
R607079		0.34	1.56	0.20	0.2	0.078	0.005	0.27	3.6	1.8	0.66	201	0.50	0.01	1.0	8.2
R607080		0.56	0.70	0.18	0.1	0.058	<0.005	0.10	2.8	1.0	0.25	196	0.88	0.01	0.4	19.1
R607081		0.46	1.70	0.14	0.2	0.158	0.005	0.27	4.3	2.1	0.30	334	1.13	0.01	1.0	13.3
R607082		0.46	1.93	0.09	0.3	0.087	0.006	0.32	4.3	2.6	0.23	181	0.47	0.01	1.2	14.0
R607083		0.38	0.57	0.13	0.1	0.077	<0.005	0.07	1.6	1.2	0.33	81	0.32	<0.01	0.3	25.1
R607084		0.69	1.08	0.08	0.2	0.073	<0.005	0.16	2.5	1.9	0.23	123	0.87	0.01	0.6	29.4
R607085		0.16	0.52	0.10	0.1	0.039	<0.005	0.09	1.4	0.9	0.22	43	0.52	<0.01	0.3	5.7
R607086		0.11	0.51	0.09	0.1	0.052	<0.005	0.07	1.2	1.2	0.13	36	0.24	<0.01	0.3	4.6
R607087		0.31	1.22	0.10	0.2	0.054	0.005	0.21	2.5	1.9	0.29	130	1.01	0.01	0.9	10.8
R607088		0.35	0.72	0.06	0.1	0.090	<0.005	0.12	2.0	1.2	0.23	160	0.74	<0.01	0.5	10.8
R607089		0.12	0.87	0.14	0.1	0.102	<0.005	0.11	2.0	2.0	0.14	112	0.18	0.01	0.4	6.5
R607090		0.23	2.32	0.17	0.3	0.074	0.006	0.37	4.8	3.4	0.37	188	0.38	0.01	1.4	9.5
R607091		0.26	2.06	0.15	0.3	0.092	0.007	0.30	4.6	3.6	0.24	180	0.43	0.01	1.2	17.7
R607092		0.37	1.06	0.14	0.2	0.224	<0.005	0.15	3.0	2.0	0.33	95	0.61	0.01	0.7	7.6
R607093		4.59	13.75	0.26	1.9	0.793	0.059	1.59	29.8	28.1	0.36	92	4.96	0.03	9.8	122.5
R607094		5.23	17.00	0.21	2.2	1.430	0.061	2.10	37.9	15.3	0.30	90	6.34	0.03	15.6	63.2
R607095		4.59	16.65	0.19	2.6	2.04	0.045	2.32	39.0	12.7	0.31	60	6.27	0.03	17.2	29.9
R607096		4.21	16.65	0.20	2.6	7.41	0.061	2.37	37.4	11.7	0.33	44	6.56	0.03	17.2	21.3
R607097		3.60	16.65	0.25	2.6	5.46	0.047	2.23	38.3	12.6	0.32	43	5.56	0.03	17.4	26.5
R607098		2.66	14.40	0.22	2.3	3.41	0.053	2.05	32.2	9.9	0.41	57	4.70	0.03	15.2	18.5
R607099		2.51	16.65	0.12	2.5	3.32	0.069	2.46	35.2	10.9	0.38	16	4.61	0.03	17.5	14.0
R607100		2.36	18.65	0.17	2.6	2.33	0.055	2.61	38.4	12.2	0.46	18	3.66	0.03	17.0	10.7
R607101		1.30	18.70	0.18	3.2	0.569	0.062	2.30	38.1	15.2	0.46	17	5.02	0.04	21.0	16.8
R607102		1.76	16.95	0.15	2.8	0.274	0.066	2.33	39.0	16.1	0.40	14	9.54	0.03	19.8	15.6
R607103		1.13	13.85	0.15	2.7	1.080	0.042	2.05	38.3	11.5	0.34	16	10.05	0.03	18.9	15.9
R607104		0.92	12.90	0.14	2.7	2.77	0.034	1.85	36.8	11.3	0.32	15	10.50	0.03	18.5	15.7
R607105		0.87	14.25	0.16	3.0	2.24	0.036	2.03	38.7	12.2	0.46	20	11.15	0.03	20.0	16.3
R607106		0.58	14.20	0.19	2.7	0.509	0.036	1.81	33.6	12.4	0.32	15	7.66	0.03	19.5	13.9

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CERTIFICATE OF ANALYSIS WH15102110

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
R607067		90	1.4	2.9	<0.002	0.01	0.71	0.5	1	<0.2	107.5	<0.05	<0.05	0.3	0.008	0.13
R607068		160	1.8	4.4	<0.002	0.01	0.54	0.6	<1	<0.2	108.5	<0.05	<0.05	0.4	0.012	0.18
R607069		80	2.7	3.4	<0.002	0.02	0.43	0.6	<1	<0.2	104.5	<0.05	<0.05	0.3	0.008	0.25
R607070		260	5.1	6.9	<0.002	0.01	0.32	1.0	<1	<0.2	103.0	<0.05	<0.05	0.6	0.017	0.19
R607071		70	2.7	3.3	<0.002	<0.01	0.15	0.5	<1	<0.2	105.0	<0.05	<0.05	0.3	0.007	0.07
R607072		550	4.7	38.6	0.003	0.23	0.71	3.4	1	0.7	121.0	0.19	<0.05	2.8	0.097	0.42
R607073		190	0.9	5.4	<0.002	0.01	0.23	0.7	<1	<0.2	244	<0.05	<0.05	0.5	0.016	0.07
R607074		150	4.0	5.0	<0.002	0.01	0.31	0.8	<1	<0.2	230	<0.05	<0.05	0.4	0.013	0.07
R607075		250	3.8	12.1	<0.002	<0.01	0.87	1.5	1	0.2	361	0.06	<0.05	1.1	0.033	0.15
R607076		150	1.5	7.9	<0.002	0.04	0.31	0.8	<1	<0.2	309	<0.05	<0.05	0.7	0.021	0.17
R607077		240	1.1	5.0	<0.002	0.01	0.17	0.6	<1	<0.2	220	<0.05	<0.05	0.4	0.014	0.06
R607078		230	1.7	5.1	<0.002	0.01	0.44	0.8	<1	<0.2	228	<0.05	<0.05	0.5	0.014	0.22
R607079		350	4.9	11.1	<0.002	0.01	0.60	1.5	<1	0.2	157.0	0.06	<0.05	0.9	0.031	0.19
R607080		120	4.0	4.1	<0.002	0.03	1.93	1.1	1	<0.2	130.0	<0.05	<0.05	0.4	0.012	0.13
R607081		300	5.5	10.7	0.002	0.08	1.55	2.3	1	0.2	95.9	0.06	<0.05	0.9	0.030	0.20
R607082		180	4.1	13.7	<0.002	0.04	0.74	2.0	1	0.2	111.5	0.07	<0.05	1.1	0.036	0.11
R607083		50	5.5	3.2	<0.002	0.01	0.66	0.7	<1	<0.2	97.3	<0.05	<0.05	0.3	0.008	0.08
R607084		170	4.4	7.0	<0.002	0.02	2.09	1.2	1	<0.2	92.4	<0.05	<0.05	0.6	0.019	0.22
R607085		80	1.8	3.5	<0.002	0.02	0.37	0.4	<1	<0.2	107.5	<0.05	<0.05	0.3	0.010	0.08
R607086		40	2.8	3.2	<0.002	0.01	0.18	0.5	<1	<0.2	77.2	<0.05	<0.05	0.3	0.008	0.08
R607087		240	3.7	8.8	0.002	0.02	0.57	1.0	<1	0.2	94.3	0.05	<0.05	0.7	0.025	0.17
R607088		120	3.2	5.0	<0.002	0.02	1.22	0.9	1	<0.2	67.0	<0.05	<0.05	0.5	0.014	0.15
R607089		60	8.2	5.6	<0.002	0.02	0.23	1.4	<1	<0.2	71.1	<0.05	<0.05	0.5	0.011	0.16
R607090		210	6.9	16.2	<0.002	0.03	0.66	2.3	1	0.3	94.9	0.08	<0.05	1.2	0.038	0.21
R607091		160	7.7	13.9	<0.002	0.02	0.75	2.6	1	0.3	93.6	0.07	<0.05	1.2	0.033	0.46
R607092		280	12.1	6.9	<0.002	0.01	0.83	1.2	1	0.2	179.0	<0.05	<0.05	0.7	0.020	0.13
R607093		6710	91.1	62.4	<0.002	0.13	7.90	9.2	4	1.5	3100	0.60	0.07	6.9	0.219	1.87
R607094		2610	44.8	93.7	0.002	0.27	7.24	9.2	3	1.6	748	0.92	0.09	8.9	0.310	5.08
R607095		1620	40.7	106.0	<0.002	0.42	6.17	8.4	2	1.8	360	1.05	0.10	9.9	0.337	7.54
R607096		1450	53.3	108.5	<0.002	0.35	7.08	8.8	5	1.9	334	1.04	0.11	9.8	0.353	6.94
R607097		1620	47.6	106.0	0.002	0.29	5.95	8.1	4	1.9	434	1.04	0.10	10.1	0.345	5.04
R607098		1080	23.3	95.2	0.002	0.29	4.62	8.0	5	1.6	237	0.89	0.15	8.4	0.313	4.52
R607099		710	23.0	114.5	0.007	0.53	4.55	8.9	5	1.8	109.5	0.96	0.09	7.6	0.367	6.92
R607100		680	16.5	124.5	0.005	0.48	4.69	8.4	3	1.9	135.5	0.94	0.09	9.7	0.366	4.65
R607101		370	17.2	127.0	0.010	0.24	13.45	8.3	3	2.0	84.7	1.16	0.08	8.4	0.405	8.06
R607102		390	18.8	127.0	0.009	0.36	26.6	8.0	4	1.9	69.6	1.11	0.06	10.5	0.397	4.57
R607103		280	13.0	103.0	0.008	0.27	153.0	7.5	5	1.7	68.5	1.04	<0.05	8.0	0.382	6.10
R607104		270	17.9	96.3	0.009	0.25	128.5	6.7	6	1.7	67.7	1.02	0.09	7.1	0.371	10.60
R607105		300	19.9	105.0	0.007	0.15	80.9	7.1	6	1.8	76.9	1.12	0.06	7.2	0.392	10.75
R607106		210	11.7	90.5	0.009	0.08	40.5	6.1	6	1.6	59.6	1.06	0.07	5.6	0.361	5.39

***** 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: 25-JUL-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15102110

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
R607067		1.5	9	0.2	4.4	56	2.8
R607068		2.8	12	0.3	6.1	60	3.6
R607069		1.6	11	0.3	6.4	40	3.3
R607070		0.9	12	0.3	4.7	61	5.3
R607071		0.6	5	0.1	4.4	30	2.7
R607072		2.8	27	0.6	8.4	84	23.6
R607073		1.4	6	0.2	3.4	23	4.2
R607074		1.4	10	0.3	4.4	45	4.3
R607075		2.1	16	0.4	9.4	75	9.1
R607076		1.4	10	0.2	3.8	43	6.8
R607077		1.4	7	0.1	2.0	18	3.5
R607078		4.4	12	0.3	5.9	40	4.9
R607079		3.3	17	0.5	8.7	45	9.0
R607080		2.3	19	0.6	9.5	66	5.4
R607081		4.8	25	0.7	12.3	51	8.9
R607082		2.3	17	0.6	8.9	49	10.1
R607083		1.0	11	0.5	4.4	47	3.2
R607084		1.7	23	1.1	4.7	58	6.1
R607085		1.0	5	0.2	2.2	28	2.9
R607086		0.7	5	0.2	1.8	29	2.6
R607087		1.6	11	0.4	3.9	43	6.8
R607088		2.0	12	0.4	4.1	33	4.5
R607089		1.9	11	0.3	5.4	39	4.6
R607090		3.2	18	0.6	8.7	43	10.8
R607091		3.2	20	0.7	9.0	69	10.1
R607092		1.6	13	0.5	5.1	60	5.7
R607093		8.3	233	8.3	56.0	398	77.3
R607094		6.9	368	10.0	33.8	208	96.6
R607095		5.6	406	10.7	25.0	119	104.5
R607096		6.2	427	11.0	21.6	98	106.5
R607097		6.1	390	11.2	22.9	104	103.5
R607098		4.5	301	8.4	17.9	71	92.3
R607099		3.4	327	9.3	14.4	21	105.5
R607100		3.8	316	9.8	16.5	23	111.5
R607101		3.5	352	4.9	15.8	17	127.5
R607102		3.3	359	4.4	14.5	13	120.5
R607103		3.1	291	4.1	13.8	9	116.5
R607104		3.0	264	4.6	13.9	9	115.5
R607105		3.2	307	4.6	15.5	18	124.5
R607106		3.2	325	3.8	12.6	11	115.5

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Finalized Date: 25-JUL-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15102110

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
R607107		0.98	<0.01	0.54	5.14	292	940	1.15	0.18	0.07	0.13	63.3	0.8	78	11.80	40.7
R607108		1.20	<0.01	0.55	4.44	636	890	1.03	0.20	0.16	0.21	58.7	0.8	73	10.75	18.9

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Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15102110

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-MS42	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	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
R607107		0.75	16.40	0.17	2.9	0.435	0.046	2.11	38.1	13.7	0.38	18	6.76	0.03	21.5	15.7
R607108		0.72	14.20	0.17	2.8	0.964	0.035	1.83	35.8	12.6	0.34	23	8.00	0.03	20.4	15.9

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CERTIFICATE OF ANALYSIS WH15102110

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
R607107		270	12.2	107.0	0.009	0.20	30.6	8.0	6	1.9	65.7	1.18	0.08	7.1	0.398	4.79
R607108		310	15.4	93.8	0.007	0.19	46.8	6.6	5	1.6	67.8	1.13	0.07	6.7	0.365	5.82

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Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15102110

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
R607107		4.1	380	4.6	14.0	16	123.0
R607108		3.6	369	4.6	13.9	21	122.5

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Finalized Date: 25-JUL-2015
Account: RCM

Project: NADALEEN

CERTIFICATE OF ANALYSIS WH15102110

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

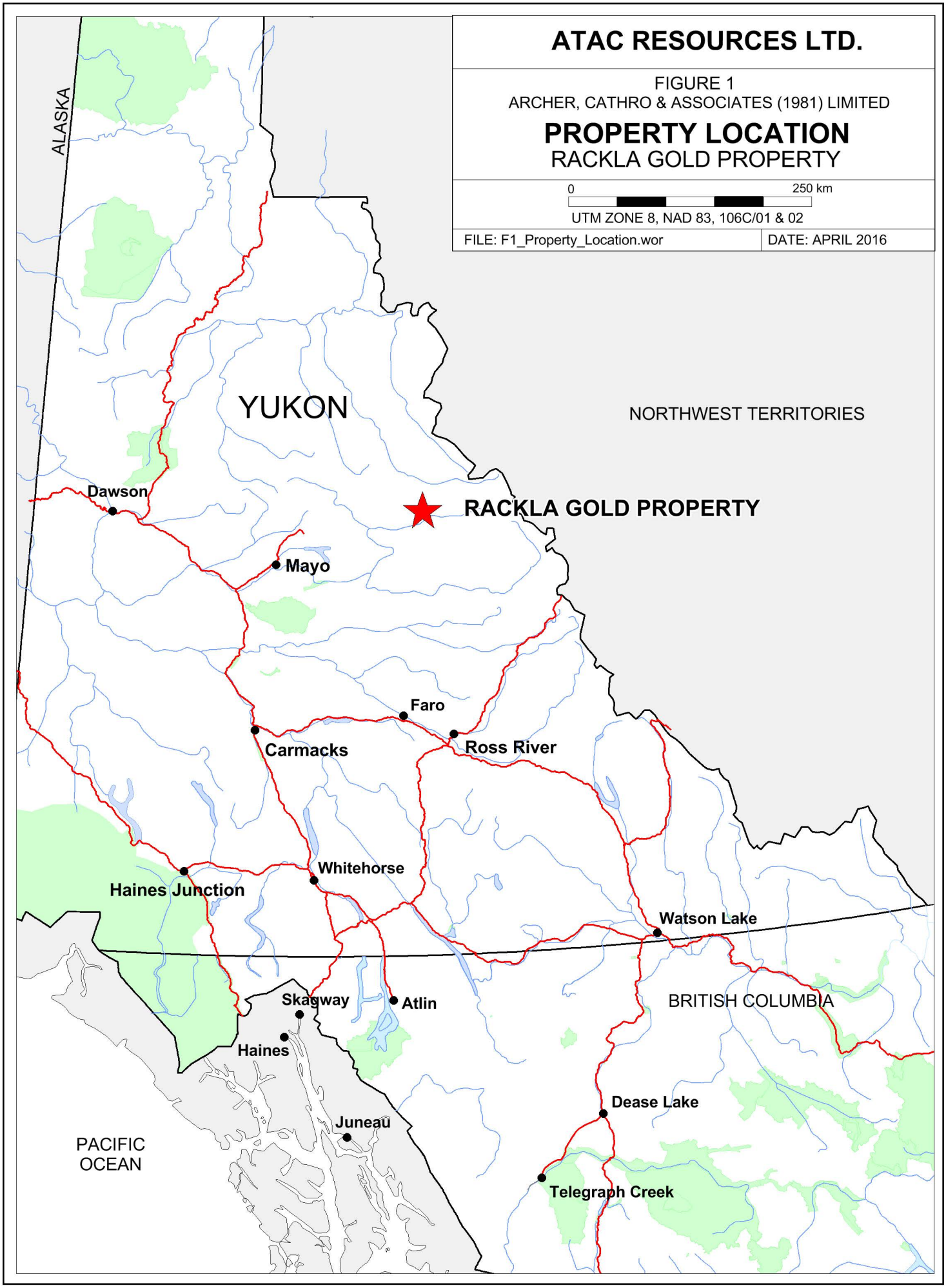
LABORATORY ADDRESSES

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

BAG-06	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-MS42	ME-MS61


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_Property_Location.wor
DATE: APRIL 2016
ALASKA
YUKON
NORTHWEST TERRITORIES
RACKLA GOLD PROPERTY
Dawson
Mayo
Faro
Carmacks
Ross River
Whitehorse
Haines Junction
Watson Lake
Skagway
Atlin
Haines
BRITISH COLUMBIA
Dease Lake
Juneau
PACIFIC
OCEAN
Telegraph Creek

T.N.
2.47°
21.6°
Grid north
Magnetic north
Annual change decreasing 25.6'
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

1,900 1,800 1,700 1,600 1,500 1,400 1,300 1,200

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:..\F_2_CLAIMS_A&B | DATE: April 2016

T.N.
2.47°
21.6°
Grid north
Magnetic north
Annual change decreasing 25.6'
Mapsheet 106C/01

7,120,000 mN
7,115,000 mN
7,110,000 mN
7,105,000 mN

615,000 mE
620,000 mE
625,000 mE
630,000 mE

1,100
1,200
1,300
1,400
1,500
1,600
1,700
1,800
1,900

PROPERTY BOUNDARY

*Letter corresponds to assessment grouping

106D06 106D07 106D08 106C05 106C06 106C07 106C08 106E
106D03 106D02 106D01 106C04 106C03 106C02 106C01 10
M
A B C D E F
UTM Zone 8
UTM Zone 9

ATAC RESOURCES LTD.

FIGURE 3

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

CLAIM LOCATIONS - GROUP C

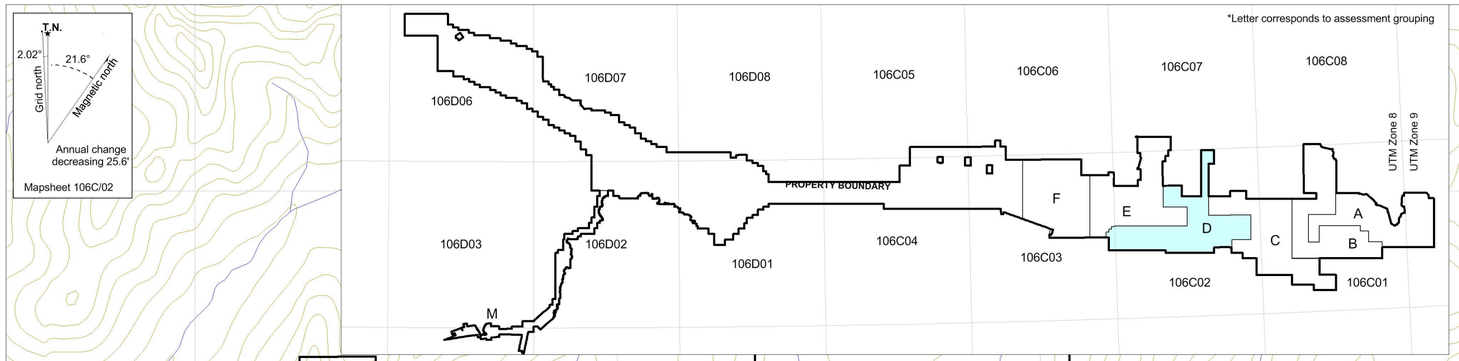
RACKLA GOLD PROJECT

0 1 2 3 4 km

UTM ZONE 8, NAD 83, 106C01, Contour line intervals 100 feet, Scale 1:50,000

FILE:P:...\F_3_CLAIMS_C

DATE: APRIL 2016



PROPERTY BOUNDARY

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

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

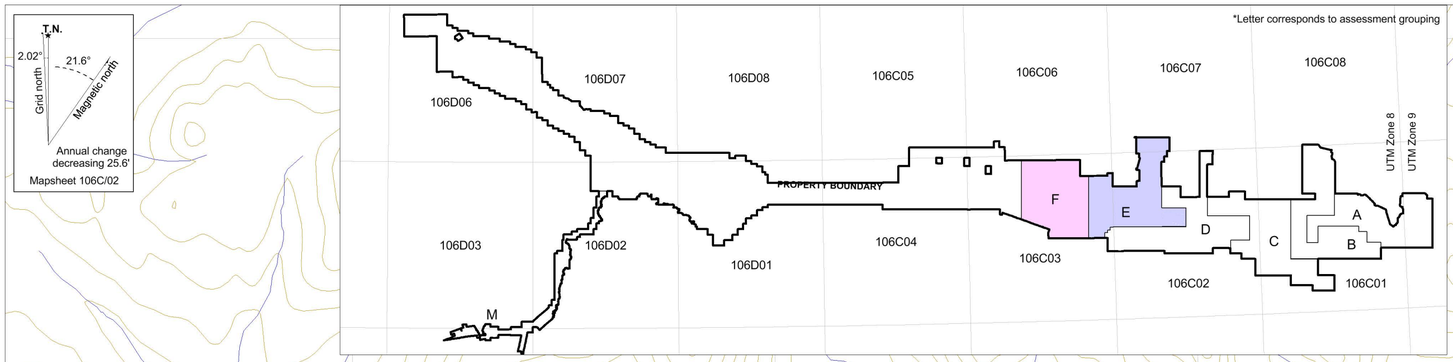
RACKLA GOLD PROJECT

0 1 2 3 4 km

UTM ZONE 8, NAD 83, 106C02, Contour line intervals 100 feet, Scale 1:50,000

FILE:P:...\F_4_CLAIMS_D

DATE: April 2016



PROPERTY BOUNDARY

7,120,000 mN

7,115,000 mN

7,110,000 mE

585,000 mE

590,000 mE

595,000 mE

600,000 mE

ATAC RESOURCES LTD.

FIGURE 5

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

CLAIM LOCATIONS - GROUPS E & F

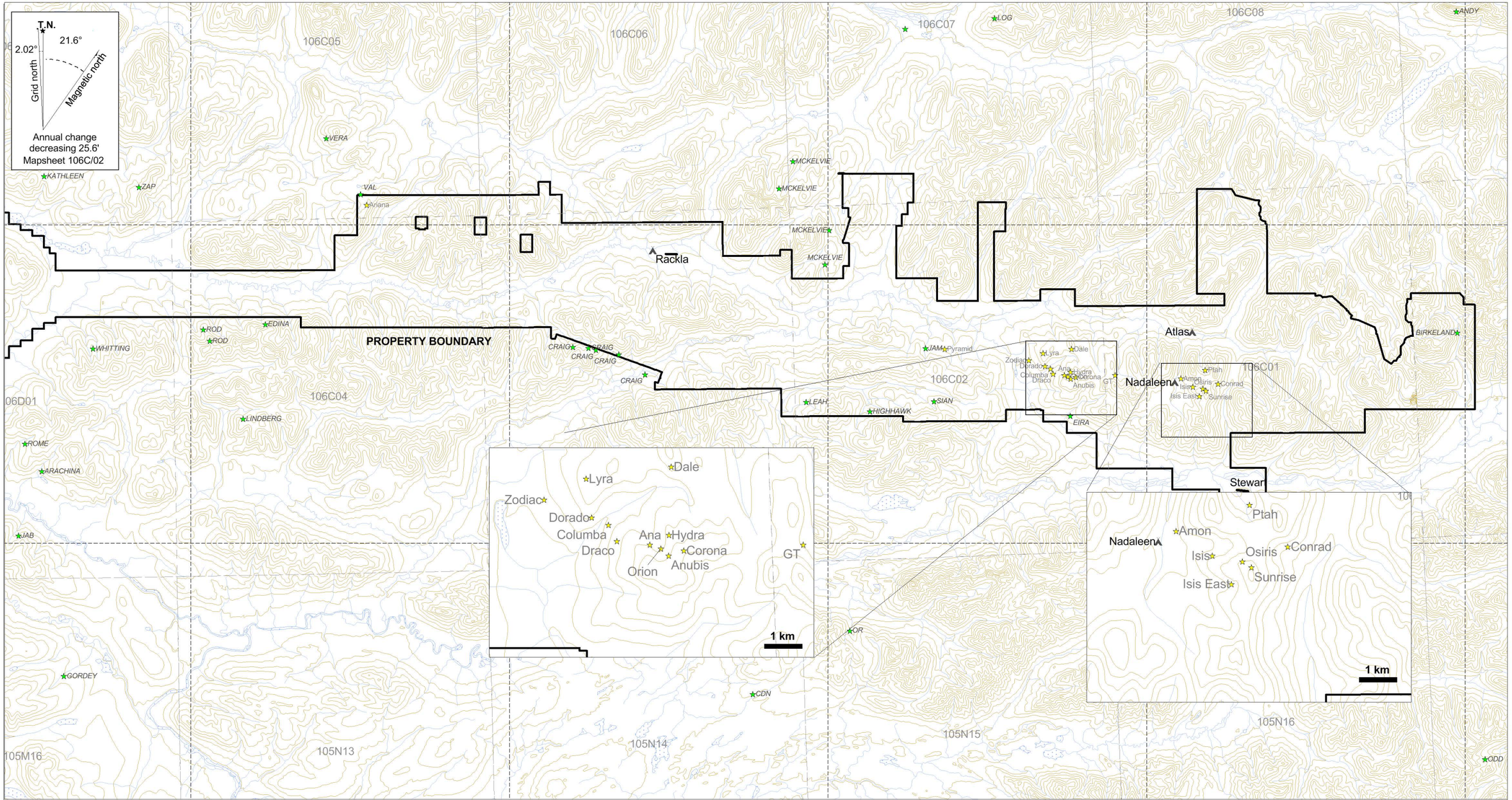
RACKLA GOLD PROJECT

0 1 2 3 4 km

UTM ZONE 8, NAD 83, 106C02 and 03, Contour line intervals 100 feet. Scale 1:50,000

FILE:P:\...\F_5_CLAIMS_E&F

DATE: April 2016



Mineralized Discovery

Historical Showing

Camp

Airstrip

ATAC RESOURCES LTD.

FIGURE 6

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

SHOWING, 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: April 2016

ATAC RESOURCES LTD.

FIGURE 7

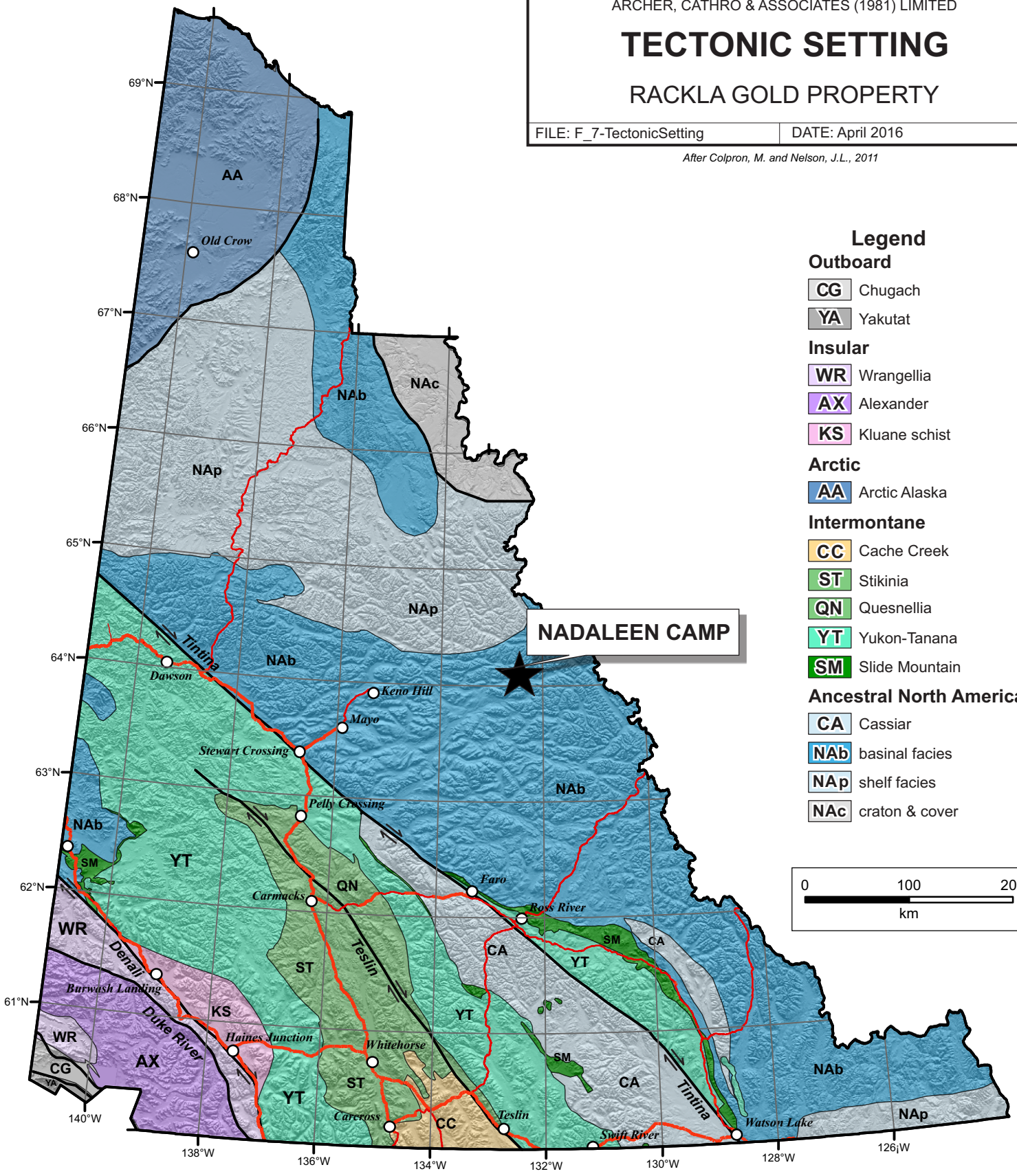
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

TECTONIC SETTING

RACKLA GOLD PROPERTY

FILE: F_7-TectonicSetting | DATE: April 2016

After Colpron, M. and Nelson, J.L., 2011



Legend

Outboard

- CG Chugach
- YA Yakutat

Insular

- WR Wrangellia
- AX Alexander
- KS Kluane schist

Arctic

- AA Arctic Alaska

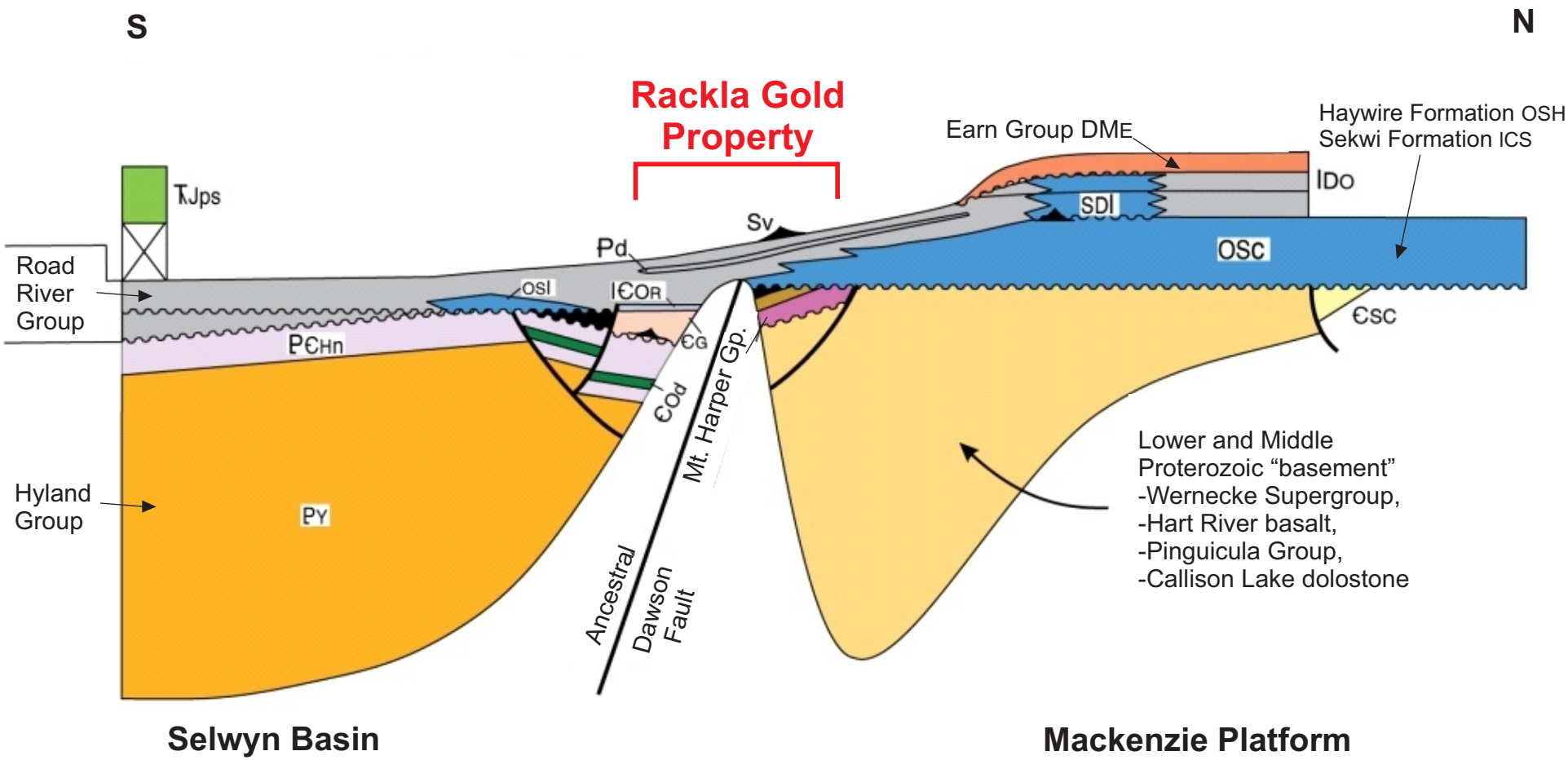
Intermontane

- CC Cache Creek
- ST Stikinia
- QN Quesnellia
- YT Yukon-Tanana
- SM Slide Mountain

Ancestral North America

- CA Cassiar
- NAb basinal facies
- NAp shelf facies
- NAc craton & cover

after Abbott (1997)



ATAC RESOURCES LTD.

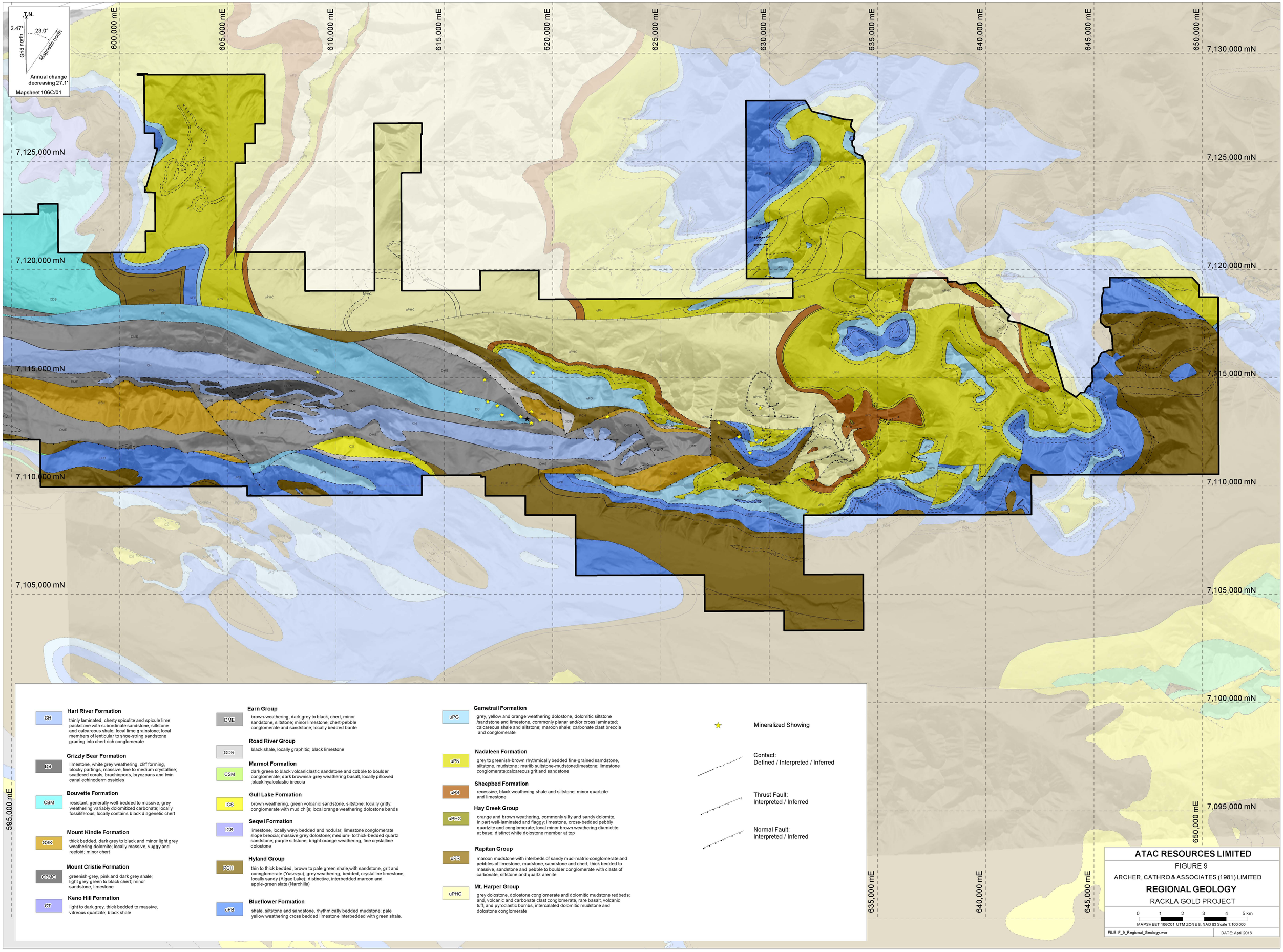
FIGURE 8

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

REGIONAL STRATIGRAPHIC SECTION

RACKLA GOLD PROPERTY

FILE:...F_8-RegionalStratigraphicSection	DATE: April 2016


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
Hart River Formation
CH
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
Grizzly Bear Formation
DB
limestone, white grey weathering, cliff forming, blocky partings, massive, fine to medium crystalline; scattered corals, brachiopods, bryozoans and twin canal echinoderm ossicles
Bouvette Formation
CBM
resistant, generally well-bedded to massive, grey weathering variably dolomitized carbonate; locally fossiliferous; locally contains black diagenetic chert
Mount Kindle Formation
OSK
thick bedded, dark grey to black and minor light grey weathering dolomite; locally massive, vuggy and reefoid; minor chert
Mount Cristie Formation
CPMC
greenish-grey, pink and dark grey shale; light grey-green to black chert; minor sandstone, limestone
Keno Hill Formation
CT
light to dark grey, thick bedded to massive, vitreous quartzite; black shale
Earn Group
DME
brown-weathering, dark grey to black, chert, minor sandstone, siltstone; minor limestone; chert-pebble conglomerate and sandstone; locally bedded barite
Road River Group
ODR
black shale, locally graphitic; black limestone
Marmot Formation
CSM
dark green to black volcaniclastic sandstone and cobble to boulder conglomerate; dark brownish-grey weathering basalt, locally pillowed ;black hyaloclastic breccia
Gull Lake Formation
IGS
brown weathering, green volcanic sandstone, siltstone; locally gritty; conglomerate with mud chi[s; local orange weathering dolostone bands
Seqwi Formation
ICS
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
Hyland Group
PCH
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)
Blueflower Formation
uPB
shale, siltstone and sandstone, rhythmically bedded mudstone; pale yellow weathering cross bedded limestone interbedded with green shale.
Gametrail Formation
uPG
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
Nadaleen Formation
uPN
grey to greenish-brown rhythmically bedded fine-grained samdstone, siltstone, mudstone ; mariib sultstone-mudstone;limestone; limestone conglomerate;calcareous grit and sandstone
Sheepbed Formation
uPS
recessive, black weathering shale and siltstone; minor quartzite and limestone
Hay Creek Group
uPHC
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
Rapitan Group
uPR
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
Mt. Harper Group
uPHC
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: April 2016

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*	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*	Sunrise-Osiris-Ibis	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						

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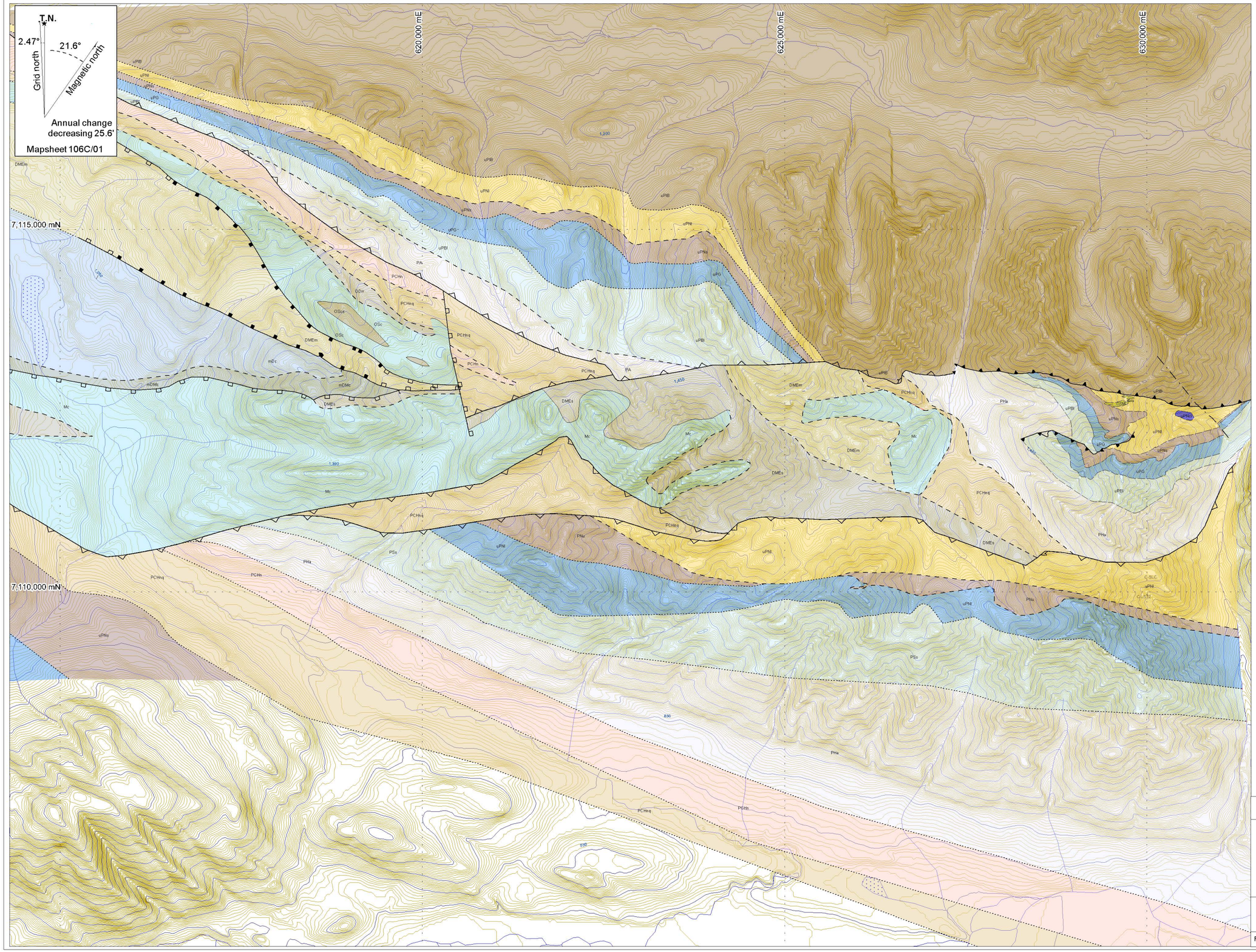
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

FIGURE 10

Nadaleen Trend Stratigraphy

Rackla Gold Property

FILE: 2014/Rackla Gold/Figures/F_10 DATE: APRIL 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

ROAD RIVER GROUP:

ODrr — black shale, locally graptolitic; black limestone

NEOPROTEROZOIC (EDIACARAN) TO LOWER CAMBRIAN

HYLAND GROUP, NARCHILLA FORMATION?:

PCHnq — buff weathering, locally calcareous quartzite

HYLAND GROUP, NARCHILLA FORMATION:

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

NEOPROTEROZOIC (EDIACARAN)

HYLAND GROUP, ALGAE FORMATION:

PHa — 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)

BLUEFLOWER FORMATION:

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

NEOPROTEROZOIC (EDIACARAN)

GAMETRAIL FORMATION:

uPG — "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)

NADALEEN FORMAITON, STENBRATEN MEMBER:

uPNs — maroon and green fine grained sandstone-siltstone-mudstone

NEOPROTEROZOIC (EDIACARAN)

NADALEEN FORMATION, LOWER:

uPNl — 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)

NADALEEN FORMATION, LOWER CARBONATE:

uPNcl — grey limestone

NEOPROTEROZOIC (EDIACARAN)

ICEBROOK FORMATION

uPIB — 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

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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: April 2016

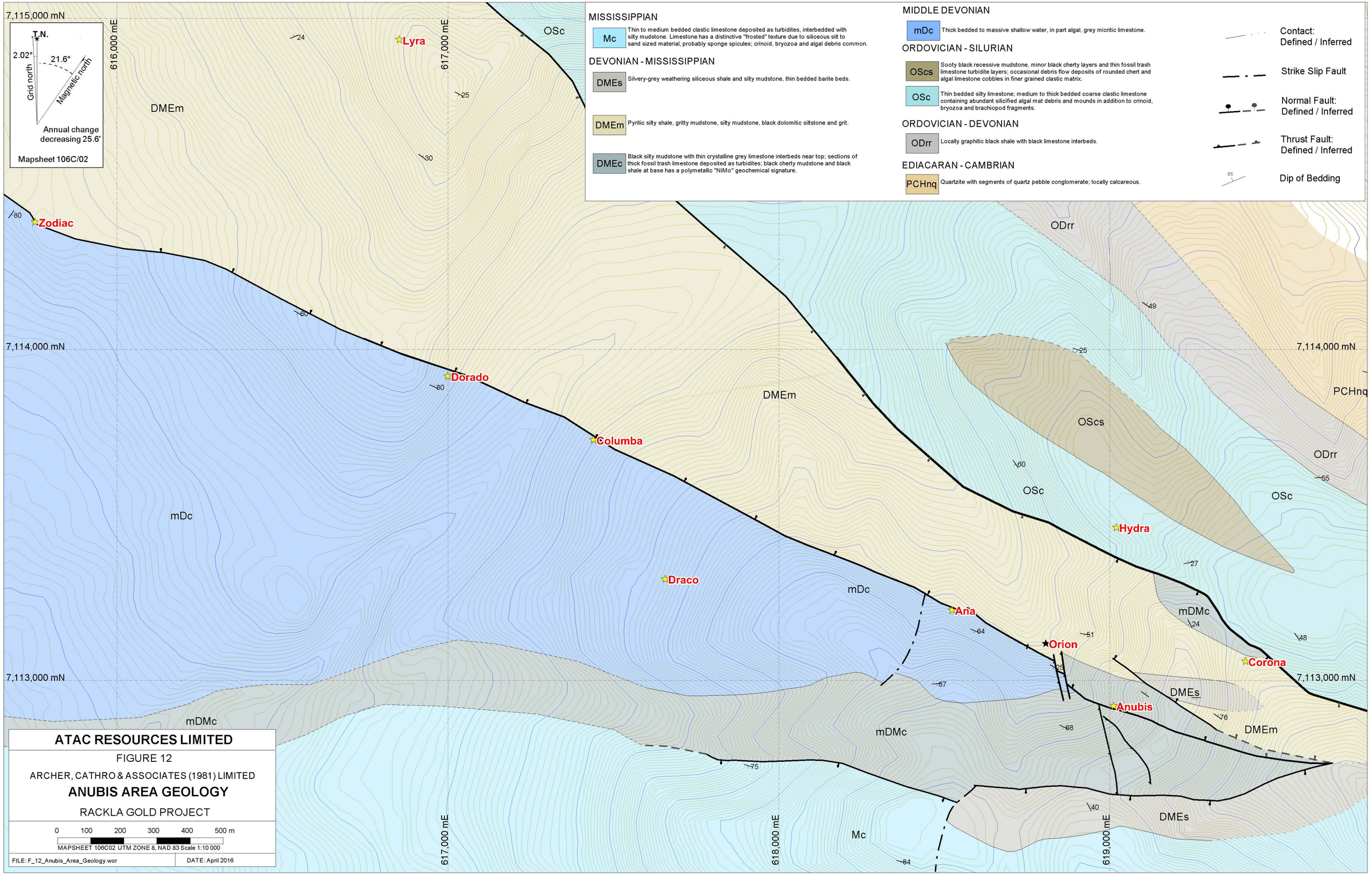

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FIGURE 12

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

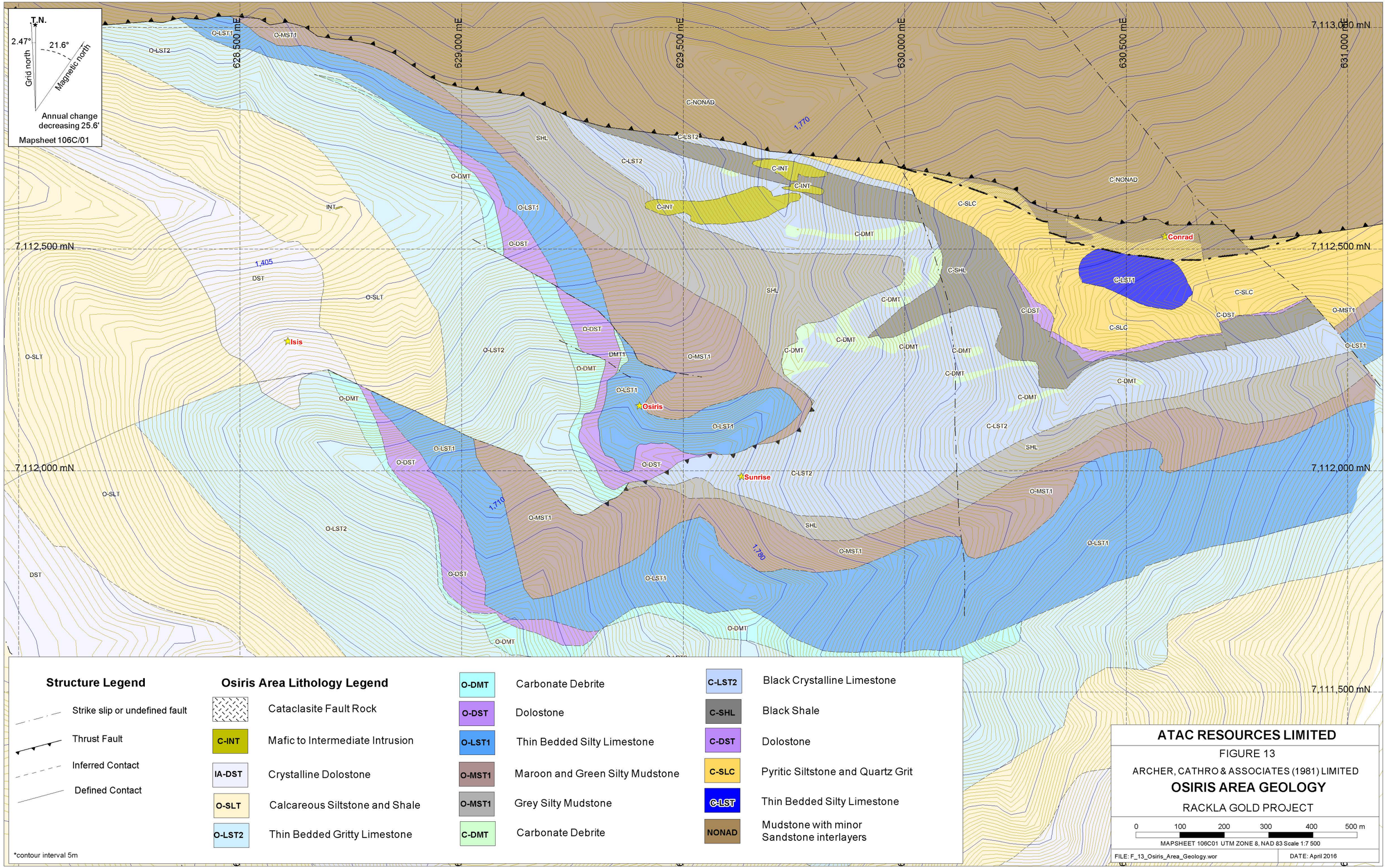
ANUBIS AREA GEOLOGY

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: April 2016


T.N.
2.47°
21.6°
Grid north
Magnetic north
Annual change decreasing 25.6'
Mapsheet 106C/01
628,500 mE
629,000 mE
629,500 mE
630,000 mE
630,500 mE
631,000 mE
7,113,000 mN
7,112,500 mN
7,112,000 mN
7,111,500 mN
Isis
Osiris
Sunrise
Conrad
1,405
1,710
1,770
1,780
O-LST1
O-MST1
O-LST2
O-DMT
O-DST
O-SLT
DST
INT
SHL
DMT1
C-NONAD
C-LST2
C-INT
C-SLC
C-DMT
C-SHL
C-DST
C-LST1
C-SLC
C-LST
Structure Legend
Strike slip or undefined fault
Thrust Fault
Inferred Contact
Defined Contact
Osiris Area Lithology Legend
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
ATAC RESOURCES LIMITED
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: April 2016

630 000 mE

630 500 mE

631 000 mE

7 112 500 mN

T.N.

2.47°

21.6°

Grid north

Magnetic north

Annual change decreasing 25.6'

Mapsheet 106C/01

1,420

1,410

1,400

1,480

1,490

1,500

Section C450E (Figure 15)

OS-XX-XXX - Diamond drill hole filed for assement in 2015

2010-2014 - Diamond drill hole

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FIGURE 14

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

CONRAD DRILL HOLE LOCATIONS

RACKLA GOLD PROJECT

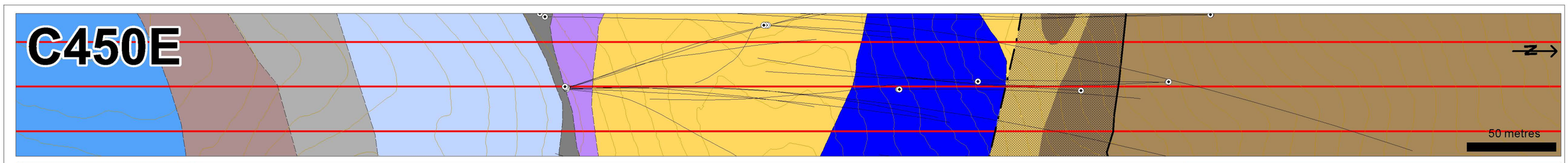
0 40m 80m 120m 160m 200m

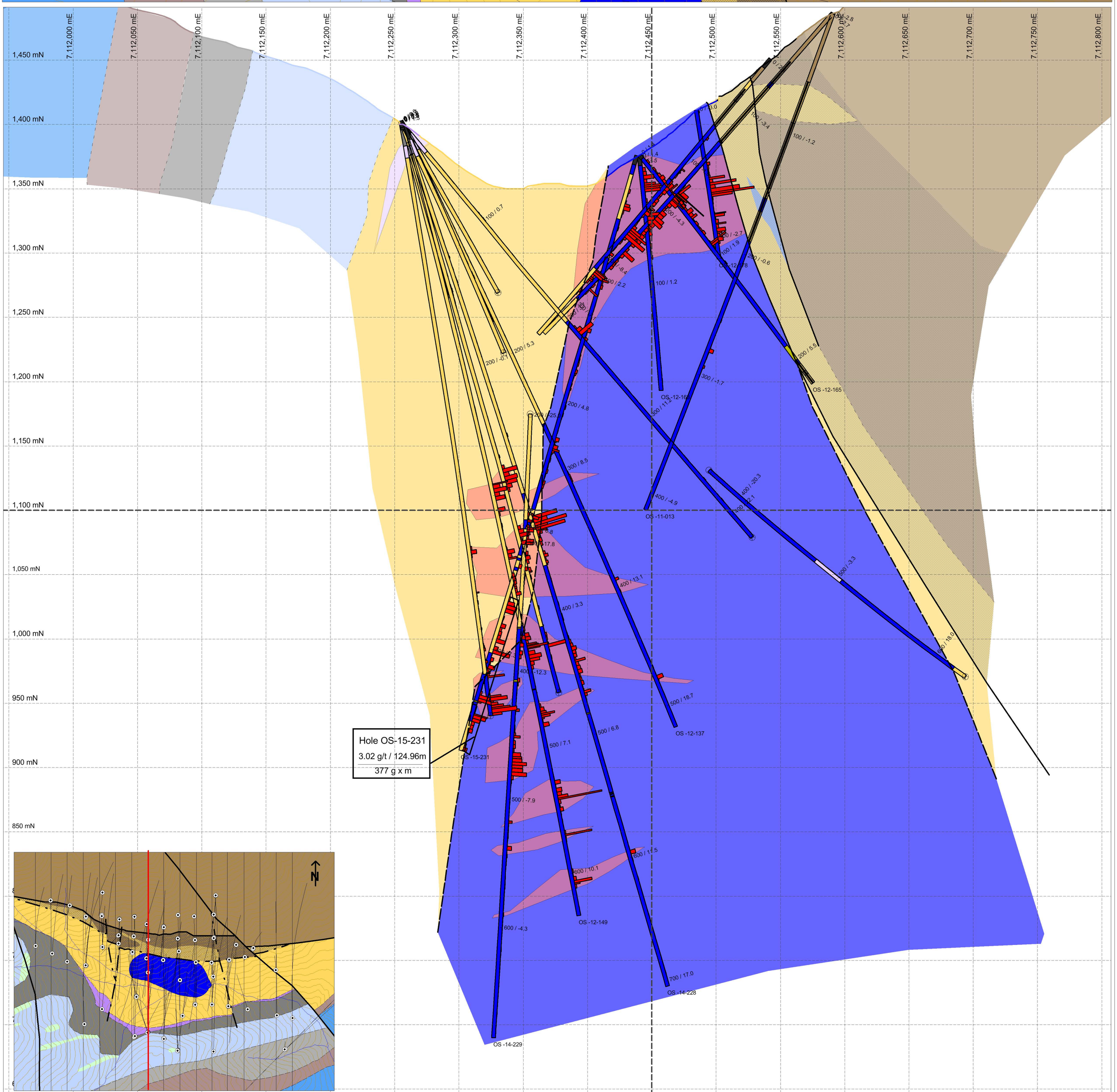
MAPSHEET 106C01 UTM ZONE 8, NAD 83 Scale 1:3000

FILE: F_14_Conrad_drill_hole_locations.wor

DATE: April 2016

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 (1 mm = 1 g/t)

Hole enters section

Hole exits section

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ARCHER CATHRO
EXPLORING SINCE 1965

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Figure 15

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_15_C450E.wor | April 2016

7-113 500 mN

7-113 000 mN

618 500 mE

619 000 mE

619 500 mE

T.N.

2.02°

21.6°

Grid north

Magnetic north

Annual change decreasing 25.6'

Mapsheet 106C/02

ARB-15-008

ARB-15-009

Hydra

ARB-15-017

ARB-15-018

ARB-15-019

ARB-15-020

ARB-15-016

ARB-15-015

ARB-15-014

ARB-15-013

Ana

ARB-15-012

ARB-15-011

ARB-15-010

ARB-15-021

ARB-15-022

ARB-15-023

ARB-15-024

ARB-15-025

ARB-15-026

Orion

ARB-15-027

ARB-15-028

ARB-15-029

ARB-15-030

ARB-15-031

ARB-15-007

ARB-15-001

ARB-15-002

ARB-15-003

Corona

Anubis

ARB-15-004

ARB-15-005

ARB-15-006

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FIGURE 16

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_16_Anubis_drill_hole_locations.wor

DATE: April 2016

AN-XX-XXX - 2015 RAB Hole

2012-2014 Diamond drill hole

Access Trail