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ASSESSMENT REPORT

describing

GEOCHEMICAL SAMPLING, HAND TRENCHING, PROSPECTING AND GEOLOGICAL MAPPING

at the

RAU TREND

GF, Q , R, Rau and S Claims

NTS 106D/01, 02, 06, 07 & 08
Latitude 63°57´N to 64°28´N; Longitude 135°27´W to 134°11´W

in the

Mayo Mining District,
Yukon Territory

prepared by

Archer, Cathro & Associates (1981) Limited

for

ATAC RESOURCES LTD.

by

J. Lane, P.Geo.

April 2014

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INTRODUCTION

The Rau Trend portion of the Rackla Gold Property is located in central Yukon along the northern edge of the Tintina Gold Belt, a band of intrusion-related gold deposits that extends across Yukon and Alaska. The property is primarily of interest for carbonate hosted gold but also hosts lead-zinc-silver and tungsten mineralization, which are often associated with intrusion-related gold elsewhere within the belt. The property is owned 100% by ATAC Resources Ltd.

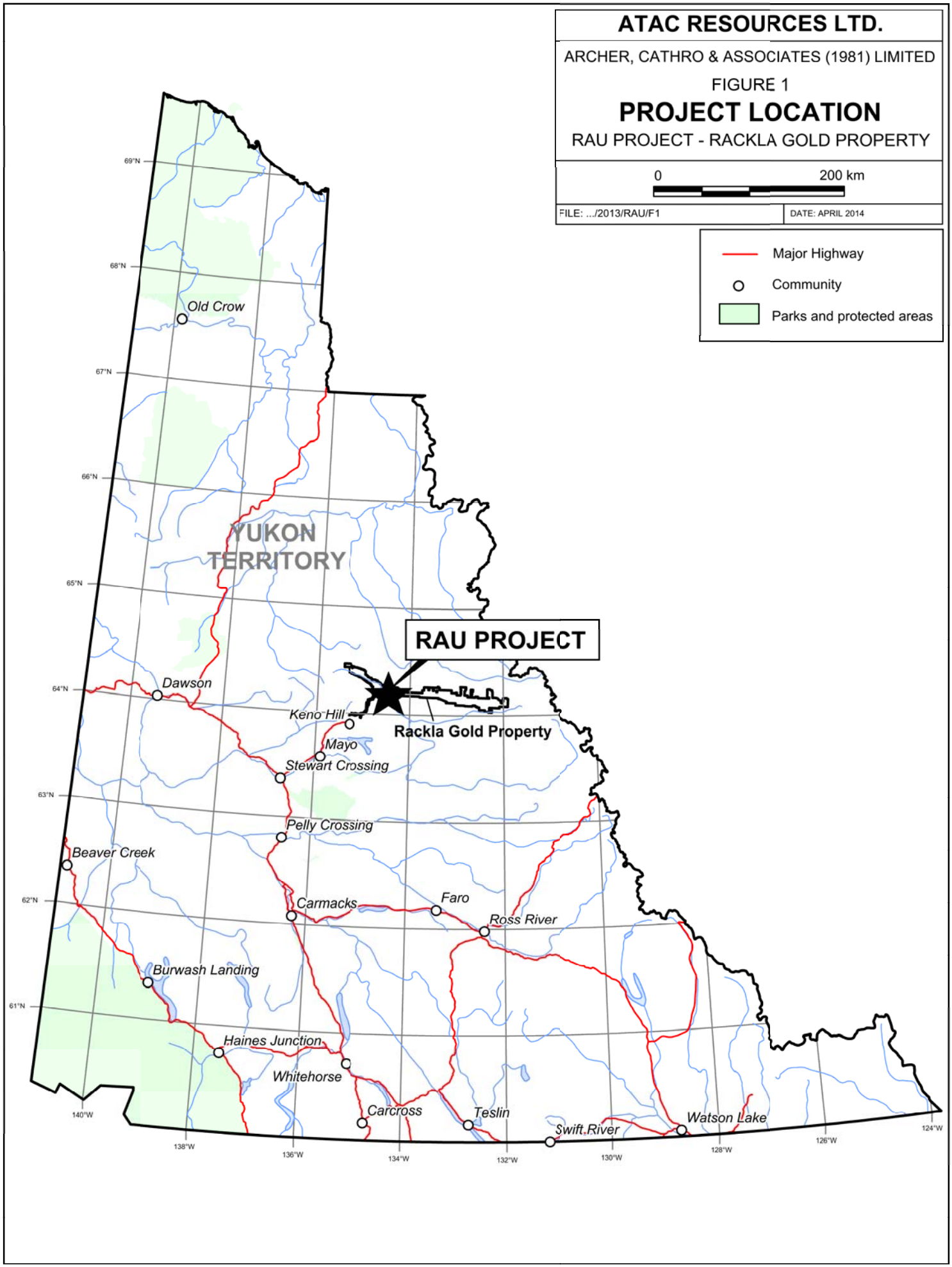
This report describes an exploration program that was conducted on a number of showings within the Rau Trend between July 24 - August 10 and September 18 – October 5 2013 by Archer, Cathro & Associates (1981) Limited on behalf of ATAC. The author supervised the program; her Statement of Qualifications appears in Appendix I. A statement of expenditures is in Appendix II

PROPERTY LOCATION, CLAIM DATA, ACCESS AND INFRASTRUTURE

The Rau Trend is located in central Yukon at latitude 64°11´N and longitude 134°22´W on NTS map sheets 106D/01, 106D/02, 106D/06, 106D/07 & 106D/08 (Figure 1). It comprises 3107 contiguous mineral claims in the western portion of the larger Rackla Gold Property. 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 Figure 2-4.

Table I: Rau Trend Claim Information

Claim Name				Grant Number				Expiry Date
GF	3	-	4	YC32305	-	YC32306		Apr 28, 2029
Q	1	-	13	YC92361	-	YC92373		Apr 28, 2026
	14			YC92470				Apr 28, 2026
	15	-	109	YC92375	-	YC92469		Apr 28, 2026
R	1	-	67	YC68334	-	YC68400		Apr 28, 2028
	68	-	103	YC68401	-	YC68436		Apr 28, 2024
	105	-	471	YC68438	-	YC68804		Apr 28, 2028
	474	-	1295	YC68807	-	YC69628		Apr 28, 2028
	1296	-	1337	YC70595	-	YC70636		Apr 28, 2025
Rau	1	-	51	YC50268	-	YC50318		Apr 28, 2035
	53			YC50320				Apr 28, 2031
	55			YC50322				Apr 28, 2031
	57			YC50324				Apr 28, 2035
	59			YC50326				Apr 28, 2035
	61	-	64	YC50328	-	YC50331		Apr 28, 2035
	65	-	66	YC57529	-	YC57530		Apr 28, 2028
	77	-	78	YC57541	-	YC57542		Apr 28, 2028
	87	-	96	YC57551	-	YC57560		Apr 28, 2028
S	1	-	700	YC90801	-	YC91500		Apr 28, 2026
	701	-	842	YC91901	-	YC92042		Apr 28, 2026
	843			YC92355				Apr 28, 2026
	844	-	1154	YC92044	-	YC92354		Apr 28, 2024


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FIGURE 1
PROJECT LOCATION
RAU PROJECT - RACKLA GOLD PROPERTY
0
200 km
FILE: .../2013/RAU/F1
DATE: APRIL 2014
Major Highway
Community
Parks and protected areas
YUKON TERRITORY
RAU PROJECT
Rackla Gold Property
Old Crow
Dawson
Keno Hill
Mayo
Stewart Crossing
Pelly Crossing
Beaver Creek
Carmacks
Faro
Ross River
Burwash Landing
Haines Junction
Whitehorse
Carcross
Teslin
Swift River
Watson Lake
69°N
68°N
67°N
66°N
65°N
64°N
63°N
62°N
61°N
140°W
138°W
136°W
134°W
132°W
130°W
128°W
126°W
124°W

T.N.
0.67°
22°51'
Grid north
Magnetic north
Annual change decreasing 26.6'
*UTM grid angle corresponds to map sheet 106D01

*Letter corresponds to assessment grouping
UTM Zone 8
UTM Zone 9
106D06
106D07
106D08
106C05
106C06
106C07
106C08
106D03
106D02
106D01
106C04
106C03
106C02
106C01
PROPERTY BOUNDARY
A
B
C
D
E
F
G
H
I
J
K
L
M
N

PROPERTY BOUNDARY

7,125,000 mN
7,120,000 mN
7,115,000 mN
7,110,000 mN
510,000 mE
515,000 mE
520,000 mE
525,000 mE
530,000 mE

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

R 788 YC69121
R 761 YC69094
R 759 YC69092
R 759 YC69091
R 727 YC69060
R 725 YC69058
R 910 YC69243
R 909 YC69242
R 690 YC69023
R 657 YC68990
R 623 YC68956
R 621 YC68954
R 583 YC68916
R 584 YC68917
R 541 YC68874
R 497 YC68830
R 496 YC68829
R 459 YC68792
R 457 YC68790
R 1053 YC69386
R 826 YC69159
GF 4 YC32306
GF 3 YC32305
R 824 YC69157
R 823 YC69156

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FIGURE 2

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

CLAIM LOCATIONS - GROUPS I & J

RAU PROJECT

0 1 2 3 4 5 km

UTM ZONE 8, NAD 83, 106D01, Contour line intervals 100 feet, Scale 1:55,000

FILE:P:\...RAU\Figures\F_2_CLAIMS_I&J

DATE: APRIL 2014

T.N.
0.67°
23°51'
Grid north
Magnetic north

Annual change decreasing 26.6'

*UTM grid angle corresponds to map sheet 106O01

*Letter corresponds to assessment grouping

106D06
106D07
106D08
106C05
106C06
106C07
106C08
UTM Zone 8
UTM Zone 9
106D03
106D02
106D01
106C04
106C03
106C02
106C01
PROPERTY BOUNDARY
N
K
L
J
I
H
G
F
E
D
C
A
B
M

7,150,000 mN
7,145,000 mN
7,140,000 mN
7,135,000 mN
7,130,000 mN
7,125,000 mN
7,120,000 mN
7,115,000 mN

480,000 mE
485,000 mE
490,000 mE
495,000 mE
500,000 mE
505,000 mE
510,000 mE
515,000 mE

PROPERTY BOUNDARY

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FIGURE 3

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

CLAIM LOCATIONS - GROUPS K, L &N

RAU PROJECT

0 1 2 3 4 5 km

UTM ZONE 8, NAD 83, 106D07, Contour line intervals 100 feet, Scale 1:50,000

FILE:P:\...RAU\Figures\F_3_CLAIMS_KLN | DATE: APRIL 2014

T.N.

0.67°

22°51'

Grid north

Magnetic north

Annual change decreasing 26.6'

*UTM grid angle corresponds to map sheet 106D01

*Letter corresponds to assessment grouping

106D06 106D07 106D08 106C05 106C06 106C07 106C08

UTM Zone 8 UTM Zone 9

PROPERTY BOUNDARY

106D03 106D02 106D01 106C04 106C03 106C02 106C01

N K L J I H G F E D C B A M

PROPERTY BOUNDARY

7,115,000 mN

7,110,000 mN

7,105,000 mN

7,100,000 mN

7,095,000 mE

485,000 mE 490,000 mE 495,000 mE 500,000 mE 505,000 mE 510,000 mE 515,000 mE

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FIGURE 4

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

CLAIM LOCATIONS - GROUP M

RAU PROJECT

0 1 2 3 4 5 km

UTM ZONE 8, NAD 83, 106D02, Contour line intervals 100 feet, Scale 1:50,000

FILE:P:\...RAU\Figures\F_4_CLAIMS_M

DATE: APRIL 2014

1155 - 1244	YD09635 - YD09724	Mar 01, 2019
1245 - 1246	YD09725 - YD09726	Mar 01, 2020
1247	YD09727	Mar 01, 2019
1248	YD09728	Mar 01, 2020
1249 - 1250	YD09729 - YD09730	Mar 01, 2019

Expiry dates include 2013 work which has been filed for assessment credit but not yet accepted.

The Rau Trend lies 100 km northeast of Mayo, the nearest supply centre. The closest road access is to the community of Keno City, situated about 49 km by road northeast of Mayo and 55 km by air southwest of the property. Mayo and Keno City can be reached in all seasons by two wheel drive vehicles using the Yukon highway system. The Wind River trail crosses the property and is also accessible via the Yukon highway system from McQuesten Lake near Keno City. This winter trail has been used intermittently by various exploration companies since it was built in the late 1960s.

Access to the project in 2013 was routed via Mayo to the Rau airstrip 95 km from Mayo. Alkan Air provided the project's summer service flights in with a Cessna 208B Grand Caravan, while Great River Air's BN-2A Islander was used in September. The Rau airstrip is a gravel airstrip at the confluence of the Beaver and Rackla rivers, and was constructed in 2011 to better support exploration activities on the property. An alternate landing location for small fixed wing aircraft is the Rackla Airstrip, which is located at Kathleen Lakes, along the northeastern boundary of the property. These lakes are also suitable for float equipped aircraft.

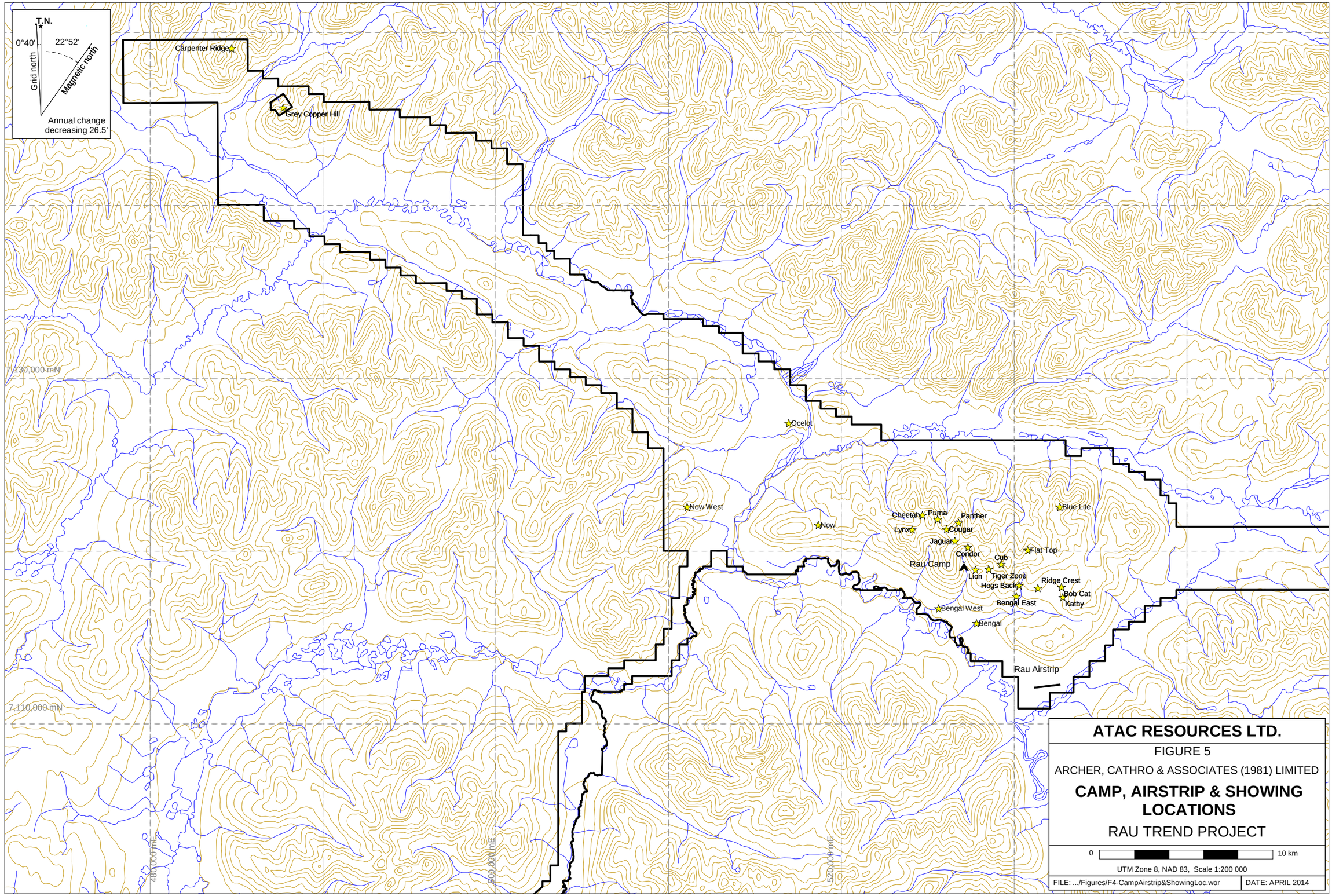
Daily access to work areas on the project and between the airstrip and camp was provided by Fireweed Helicopters Ltd. and Horizon Helicopters using a MD500 and Eurocopter AS350 SD2 (A-Star) for the summer and fall programs respectively. The locations of the airstrip and camp are shown on Figure 5.

EXPLORATION HISTORY

The approximate locations of various showings referred to in this section are shown on Figure 5.

The earliest reported exploration within the area of the Rau Trend occurred in 1922 following the discovery of silver mineralization at Keno Hill when prospectors first identified and staked mineralized float occurrences at Carpenter Ridge in the far northwest corner of the current property. In 1924, reconnaissance work conducted by the Geological Survey of Canada discovered galena-calcite-siderite in float on the southwest end of Carpenter Ridge. A sample of this float returned 8.75 oz silver and 56.0% lead (Cockfield, 1925); however, the source of this mineralization was not found. Hand pits were dug in 1927 and 1928 but little record remains of the work completed during this period. All claims were ultimately dropped.

Nearby at Grey Copper Hill, 9 km to the southeast, silver-rich tetrahedrite float was discovered in 1923 by an independent prospector (Deklerk and Traynor, 2005). This showing and other nearby prospects were staked later that year. Several investigatory adits were dug into the hillside during follow up exploration but eventually all claim holdings lapsed.


T.N.
0°40'
22°52'
Grid north
Magnetic north
Annual change
decreasing 26.5'
Carpenter Ridge
Grey Copper Hill
Ocelot
Now West
Now
Cheetah
Puma
Panther
Cougar
Lynx
Jaguar
Condor
Cub
Flat Top
Blue Lite
Rau Camp
Lion
Tiger Zone
Hogs Back
Ridge Crest
Bob Cat
Kathy
Bengal East
Bengal West
Bengal
Rau Airstrip
7,130,000 mN
7,110,000 mN
480,000 mE
500,000 mE
520,000 mE
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FIGURE 5
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
CAMP, AIRSTRIP & SHOWING LOCATIONS
RAU TREND PROJECT
0
10 km
UTM Zone 8, NAD 83, Scale 1:200 000
FILE: .../Figures/F4-CampAirstrip&ShowingLoc.wor
DATE: APRIL 2014

Between 1930 and 1974 Grey Copper Hill was staked several times by independent prospectors and exploration companies, including Cypress Resources Limited and United Keno Hill Mines Limited. Little work was reported (Hilker, 1969) and all claims ultimately expired.

Hesca Resources Corporation Ltd restaked Grey Copper Hill in 1974 and conducted prospecting, soil sampling, hand trenching and adit maintenance (Deklerk and Traynor, 2005). In addition, two shallow, small diameter diamond drill holes totalling 56.3 m were drilled; however, the results from this drilling are not documented. No further work was done by Hesca and the claims were dropped.

In spring 1978 Prism Resources Limited restaked the area and conducted prospecting and geochemical sampling later that year. Soil sampling identified several lead and silver anomalies; however, follow up prospecting failed to explain them (Sivertz, 1979). A sample collected from an outcrop of dolomite yielded 0.60% lead and 51.43 g/t silver, while a tetrahedrite sample collected near an old adit assayed 7000 g/t silver (Sivertz, 1980). Prism allowed the claims to lapse.

Grey Copper Hill was again restaked in 1983 by a prospector who conducted grid soil sampling later that year. This program delineated silver anomalies coincident with surface lineations. No further work was completed and the claims expired.

In 1988 Bonventures Limited staked the area and conducted limited blast trenching, prospecting, mapping plus soil and rock sampling. A gossan zone with pyrite and strong fracture filling malachite and azurite was identified between two collapsed adits (Carlyle, 1989). These claims eventually lapsed.

The area remained open until August of 2005 when an independent prospector staked four claims over the Grey Copper Hill showing. No work on these claims has been reported and they are now surrounded by the Rau property.

In the central part of the Rau Trend, Cominco Limited staked the Beaver claims in 1968 based on results of regional geochemical sampling done the year before. Later that year, L. Elliott staked the nearby Now claims and optioned them to Cominco, which completed mapping and soil sampling in 1968 and 1969 (Johnson and Richardson, 1969a and b).

In 1977, Prism Joint Venture (Asamera Oil Corp, Chieftain Development Company Limited, Prism Resources Ltd, Siebens Oil & Gas Limited and E & B Exploration Limited) restaked Cominco's claims as part of a larger block that extended for about 20 km along the north side of the Beaver River. In 1979, Dome Petroleum Ltd replaced Siebens in the joint venture.

Prism conducted most of its activities around the original Beaver claims. Soil sampling and mapping were performed in 1977 (Montgomery and Dewonck, 1978) and additional soil sampling and trenching were done in 1978 (Prism Joint Venture, 1979a). In 1979 Prism completed six diamond drill holes totalling 610 m (Dewonck, 1980). This work focused primarily on sedimentary exhalite and Mississippi Valley type lead-zinc mineralization, but resulted in the discovery of a narrow gold-rich vein material (the Now Showing).

NDU Resources Ltd. staked claims over the Now Showing in 1987 to cover the lead, zinc and silver soil geochemical anomalies identified by Cominco and Prism. The following year, NDU conducted a geochemical sampling program which focused on the gold vein mineralization at the Now Showing (Cathro, 1989).

In 1977, 6.25 km further to the northwest, Prism conducted mapping, soil sampling and electromagnetic surveys. Numerous samples from that program returned high zinc-in-soil values ranging from 2100 ppm to 12.2%. One sample collected from a large transported gossan (Ocelot Showing) yielded 3.8 g/t silver, 800 ppm lead and 12.2% zinc (Montgomery and Cavey, 1978), suggesting the metals were leached and remobilized in acidic groundwater before being reprecipitated when the fluids were neutralized. These promising results were not followed up. In 1977, Prism also performed minor soil sampling near a strong gossan developed along the eastern edge of the current Rau property (Kathy Showing) (Prism Joint Venture, 1979b).

In 1979 and 1980, Prism explored in two areas in the north central part of the current Rau Trend area conducted prospecting, soil geochemical sampling and one diamond drill hole. This work led to the discovery of scheelite mineralization at the Blue Lite and Flat Top Showings. Well mineralized tremolite skarn specimens from the Flat Top Showing assayed up to 8.4% WO_3, but most material graded below 0.04% (Churchill, 1980). No further work was done at either showing.

ATAC's interest in the area was prompted by an isolated, high gold value (150 ppb) reported by a regional-scale stream sediment geochemical survey, conducted by the Geological Survey of Canada (Hornbrook, et al 1990). This value is in the 99th percentile of gold results from the survey and is supported by a 99th percentile tungsten value (25 ppm). The sample was collected near the Rackla Pluton, east of the Tiger Zone.

In summer 2006, ATAC staked 64 claims to cover the anomalous drainage. During the staking, a number of rock and soil samples were collected, many of which returned anomalous values for tungsten and a few were notably enriched in gold, lead, zinc, silver and copper. Cursory prospecting relocated scheelite-bearing tremolite skarn (Flat Top Showing) and discovered tungsten in diopside-actinolite skarn and highly fractionated intrusive rocks, about 1500 m to the south.

In 2007 ATAC completed geological mapping, prospecting, grid soil sampling and helicopter-borne variable time-domain electromagnetic (VTEM) surveys (Eaton and Panton, 2008). This work partially delineated a large hydrothermal system centered on the largely buried Rackla Pluton. Following that program, ATAC staked an additional 32 claims, mostly to improve coverage around a very strong gold-in-soil anomaly outlined on the western edge of the grid.

ATAC and Yankee Hat Minerals Limited signed an option agreement in spring 2008 concerning 40 claims that covered the Rackla Pluton and the tungsten-bearing skarns. During the summer of 2008 Yankee Hat conducted prospecting and a total of 437.38 m of diamond drilling in three holes (Dumala, 2008). Several narrow skarn bands with weak to moderate tungsten

mineralization were identified within the carbonate host rocks. The option agreement was terminated in late 2008 following poor results and the claims were returned to ATAC.

Also in the summer of 2008, ATAC conducted geological mapping, prospecting, soil and stream sediment geochemical sampling, 3423.21 m of diamond drilling in 18 holes and property-wide helicopter-borne magnetic variable time-domain electromagnetic (VTEM) surveys on the claims not covered by the Yankee Hat option agreement. Drilling identified three stacked, gold-bearing horizons in what is now known as the Tiger Zone. The central horizon (Discovery Horizon) contains gold in iron carbonate replacement and hosts the most abundant mineralization. In 2008 grid soil sampling and stream sediment sampling was extended to the northwest. Property wide geophysical and geochemical surveys completed later in the season suggested the trend extends for as much as 22 km (Dumala, 2009). In response to positive results, ATAC added 1340 claims to cover the favourable stratigraphy along the anomalous trend.

In 2009, ATAC continued to delineate the Tiger Zone with an additional 58 diamond drill holes totalling 9578.30 m (Dumala and Lane, 2010). Drilling identified a significant oxide component to the northwest, within the Tiger Zone. Prospecting in 2009 also identified several new showings containing mineralization similar to that found at the Tiger Zone. These include the Cub, Lion, Jaguar, Panther, Cougar, Puma, Cheetah and Lynx Showings.

During the summer of 2010, ATAC completed six diamond drill holes (945.82 m) at the Cheetah Showing and three (198.73 m) at the Now Showing. Drilling at the Cheetah Showing intersected dolomite and limestone cut by a steeply dipping oxidized zone. All three holes at the Now Showing were terminated before their target depths due to poor ground conditions and inadequate equipment (Dumala, 2011).

In 2011, ATAC drilled 19 holes totaling 3784.75 m at the Ocelot target beneath a known but previously undrilled surface gossan. The best grade intervals yielded 145.43 g/t silver, 3.36% lead and 11.65% zinc across 41.72 m and 188.07 g/t silver, 8.69% lead and 6.06% zinc over 37.91 m in semi-massive to massive sulphide mineralization. Drilling by the end of the 2011 season identified mineralization over a 230 m strike length and to a depth of 150 m. (Dumala, 2012a). During the field season, the 900 m long Rau gravel airstrip was constructed at the confluence of the Beaver and Rackla rivers.

Also in 2011, ATAC drilled 10 holes totaling 2,113.2 m of diamond drilling at the Now Showing (3 holes) Puma Showing (2 holes) Cheetah Showing (3 holes) and Kathy Showing (2 holes). Weakly anomalous gold, silver, lead and zinc values were intersected in one Now drill hole. Puma and Cheetah drilling intersected weak gold mineralization; Kathy drilling intersected no significant results (Dumala, 2012b).

A sampling program conducted in the Rau Trend in the summer of 2012 generated new prospects with gold potential within the Rau Trend. These include the Bengal showing, located 3.2 km south of the Tiger, where low elevation contour soil sampling returned a highly anomalous soil sample containing 2.36 g/t Au. Hand trenching conducted at the location of the anomalous soil sample exposed rocks resembling those of the Tiger Deposit and which contained up to 3.19 g/t Au. Additionally, prospecting on the Ocelot Zone resulted in the discovery of a

new showing of high grade Ag-Pb-Zn mineralization 860 m northwest of the main Ocelot drill area. Maximum metal values from grabs at the showing were 2960 g/t Ag, 60.3 % Pb, 45.8 % Zn and 1.0 % Sn (Lane et.al, 2013). Exploration work in the vicinity of the Rackla Pluton resulted in the discovery of skarn related gold mineralization at the Kathy showing, a historically known skarn target. While prospecting narrow, irregular, oxidized veinlets containing gold values up to 13.7 g/t were discovered.

Also in 2012 preliminary studies on the economic viability of the Tiger Deposit began. This work included metallurgical testing, a heritage resource assessment and an ongoing environmental monitoring program within the Tiger Deposit area. Information yielded by the metallurgical testing program suggested that either a heap leach operation or conventional milling facility may be viable (Carne and Lane, 2013). Additionally, environmental work continued to demonstrate that minimal animal activity is located in the immediate vicinity of the project area.

GEOMORPHOLOGY

The Rau Trend is roughly 66 km long and covers a diverse geomorphological setting. Much of the claim block covers low lying vegetated valley bottom and similarly covered low elevation ridge systems.

The core portion of the Rau Trend is situated in the Nadeleen Range of the Selwyn Mountains and is drained by creeks that flow into the Rackla and Beaver Rivers, which are both part of the Yukon River watershed. Local topography is alpine to subalpine and features north and south-trending rocky spurs and valleys that flank a main east-west trending ridge. Elevations range from 725 m alongside the Beaver River in the centre of the claim block to 1800 m atop a peak, referred to as Monument Hill. Outcrop is most abundant near ridge crests and in actively eroding creek beds. Most hillsides are talus covered at higher elevations and are blanketed by glacial till at lower elevations. Soil development is moderate to poor in most areas.

Treeline in the vicinity of the property is at about 1500 m. Slopes above that elevation are unvegetated. The density and size of vegetation gradually increases on lower slopes, and the valley floors are well treed with mature black spruce. Understorey typically consists of low shrubs and moss. Moderately steep, south facing slopes are well drained and are often lightly forested with poplar. Steep, north facing slopes are usually unvegetated. Gentler, spruce- and moss-covered terrain likely exhibits widespread permafrost.

GEOLOGY

Regional Geology

The Geological Survey of Canada performed geological mapping in the vicinity of the Rau property at 1:250,000 scale in the 1960s (Green, 1972) and 1970s (Blusson, 1978). More recent mapping in the area was completed at 1:50,000 scale by Indian and Northern Affairs Canada (Abbott, 1990 and Roots, 1990).

The Rau property lies within a band of regional-scale thrust and high angle reverse faults that imbricate rocks of Selwyn Basin and Mackenzie Platform. Selwyn Basin stratigraphy consists of regionally metamorphosed, basinal sediments of Neoproterozoic to Paleozoic age. Mackenzie Platform stratigraphy comprises dominantly shallow water carbonate and clastic sediments that were deposited from Mid Proterozoic through Paleozoic times. Both packages of sediments were deposited on the western margin of ancestral North America.

Thrust faults were active during Jurassic to Cretaceous times (160 to 130 Ma), when the area underwent compressional orogenesis related to large-scale plate convergence (Fingler, 2005). During Late Cretaceous (94-90 Ma), intermediate to felsic plutons of the Tombstone Suite were emplaced (Mortensen et al, 2000). Another compressional orogenic event, which occurred approximately 65 Ma, was accompanied by emplacement of felsic intrusions assigned to the McQuesten Suite.

The Tombstone, Dawson and Robert Service thrust faults in addition to a number of lesser thrust faults significantly affect stratigraphy along the Rau Trend. All thrusts verge northeasterly and predate emplacement of the Tombstone Suite intrusions. The thrust panel encompassing the Rau Trend approximately straddles the boundary between Selwyn Basin and Mackenzie Platform and includes units belonging to both tectonic elements.

The tectonic setting of the Rackla Gold property is shown on Figure 6 while a compilation of the regional geology of the Rau Trend is displayed on Figure 7. Table II contains a brief summary of the main lithologies in the Rau Trend area.

Table II: Regional Lithological Units (after Roots *in* Cathro, 2006)

Tectonic Element	Age (Ma)	Unit and Lithologies
Rocks of Ancestral North America		
Mackenzie Platform	1700 - 1800	**Gillespie Lake Group**: orange-brown dolostone and sandstone.
Mackenzie Platform	540 - 390	**Bouvette Formation**: white and grey limestone with rare black shale.
Mackenzie Platform	540 - 420	**Marmot Formation**: dark green to brown mafic, vesicular and amygdaloidal volcanic flows.
Selwyn Basin	750? - 530	Hyland Group: brown quartz-mica schist, with rare limestone.
Selwyn Basin	530 - 500	**Gull Lake Formation**: brown and green shale, sandstone, conglomerate and volcanic tuff.
Selwyn Basin	500 - 480	**Rabbitkettle Formation**: dark silty limestone and limy mica-rich conglomerate.
Selwyn Basin	480 - 390	**Road River Group**: black shale, chert and limy siltstone.

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FIGURE 6

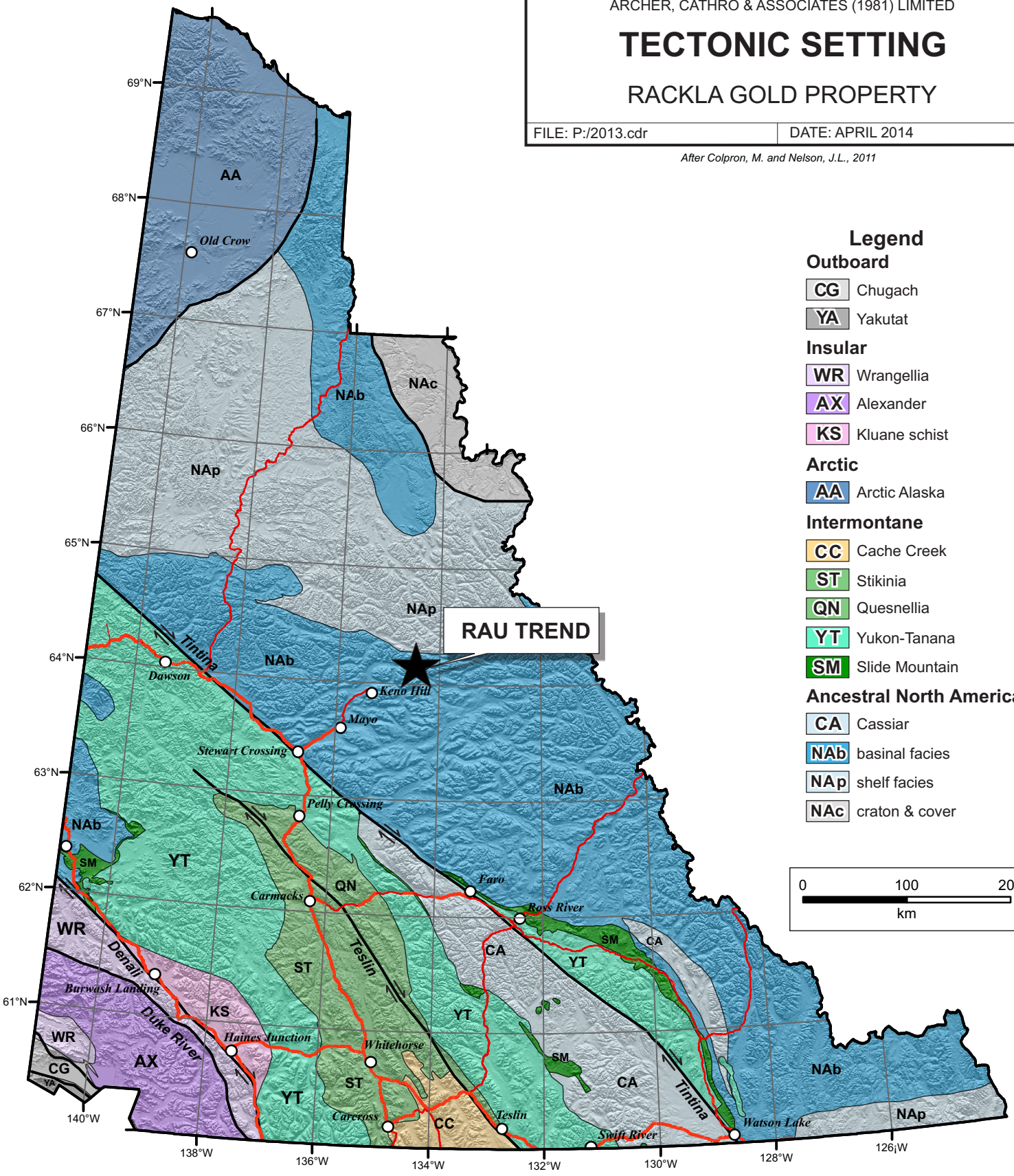
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

TECTONIC SETTING

RACKLA GOLD PROPERTY

FILE: P:/2013.cdr | DATE: APRIL 2014

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

T.N.
0°40'
22°52'
Grid north
Magnetic north
Annual change decreasing 26.5'
*UTM grid angle corresponds to map sheet 106D01

Upper Cretaceous
- mKgS — SELWYN SUITE: resistant, blocky, fine to coarse grained equigranular to porphyritic (K-feldspar) biotite quartz monzonite and granodiorite and minor quartz diorite; minor leuco-quartz monzonite and syenite
- mKqS — SELWYN SUITE: equigranular to porphyritic (K-feldspar) biotite +/- hornblende +/- muscovite granite, quartz monzonite and granodiorite; porphyritic biotite hornblende granite with large smoky grey quartz phenocrysts and locally K-feldspar phenocrysts

Triassic
- TrG — GALENA SUITE: massive, medium-grained hornblende diorite and gabbro sills; massive chloritic and locally serpentinized greenstone (diorite, gabbro, and altered equivalents) sills; minor occurrences of possible mid- to Late Paleozoic age

Upper to Middle Triassic
- TrJ — JONES LAKE: brown to buff weathering, calcareous fine grained sandstone, argillite and shale; extensive ripple cross-lamination and bioturbation; massive,light grey weathering, fine crystalline, dark grey limestone; minor orange weathering platy limestone (Jones Lake)

Carboniferous to Permian
- CPT — TSICHU: thin to medium bedded, siliceous calcarenite, dolomite, sandy dolomite and minor grey quartzite; buff and grey weathering, thick bedded, dark grey bioclastic limestone; black to silvery shale; minor chert, and chert-pebble conglomerate

Permian
- PJC3 — JUNGLE CREEK: rusty to light grey weathering, grey to white, crystalline skeletal limestone; partially silicified and dolomitized (upper part); interbedded black chert (middle part); calcitic sandstone, chert-pebble conglomerate, and sandy limestone (Tahkandit)

Mississippian
- MK — KENO HILL: massive to thick bedded quartz arenite; thin to medium bedded quartz arenite interstratified with black shale or carbonaceous phyllite; local scour surfaces and shale intraclasts; locally foliated and lineated (Keno Hill Quartzite)
- DME3 — EARN3: massive felsic to intermediate volcanic flows, tuffs and subvolcanic plug(s); locally highly altered; greenish chert and minor black slate; quartz eye quartz-sericite chlorite phyllite; local vesicular or amygdaloidal basalt, locally pillowed

After Gordey and Makepeace, 2003

Devonian/Mississippian
- DME — EARN: complex assemblage of submarine fan and channel deposits (1), (5) within black siliceous shale and chert (2), (4) and including separated small occurrences of felsic volcanic rocks (3); barite common, and many occurrences of stratiform Pb-Zn
- DME1 — EARN1: thin bedded, laminated slate with thin to thickly interbedded fine to medium grained chert-quartz arenite and wacke; thick members of chert pebble conglomerate; black siliceous siltstone; nodular and bedded barite; rare limestone (Earn Gp., Portrait Lake and Prevost)

Devonian
- DG3 — GOSSAGE 3:limestone and dolostone, light grey and dark brownish grey, fine to medium grained, mostly alternating dark and light coloured medium to thick beds

Devonian/Silurian/Ordovician/Cambrian
- CDB1 — BOLIVETTE:grey-and buff-weathering dolomite and limestone, medium to thick bedded; white to light grey weathering, massive dolomite; minor platy black argillaceous limestone, limestone conglomerate, and black shale; massive bluish-grey weathering dolostone

Silurian/Ordovician
- CSM6 — MARMOT 6: grey- to dark grey weathering, dark volcanic rocks, many partly serpentinized, brown-weathering grey-green limy tuff and argillite, and thin-bedded brown limestone

Ordovician
- CSM4 — MARMOT 4: dark green to brown or orange weathering mafic, vesicular and amygdaloidal volcanic flows, carbonate-cemented hyaloclastic breccias, and volcanic-derived sandstone, grit, and pebble and cobble conglomerate

Cambrian
- uCT — TAIGA: striped yellow and orange weathering fine crystalline, light grey limestone; light grey weathering, thick bedded and massive dolostone; minor brown and green shale
- lmCS1? — SLATS CREEK 1?: rusty brown weathering, turbiditic, quartz sandstone with minor shale and siltstone; pale red weathering siltstone, sandstone, quartzite pebble and cobble conglomerate and limestone; maroon with green argillite with minor quartzite and limestone
- ICI4 — ILTYD 4: light grey, medium bedded dolostone; massive, pale grey limestone

Cambrian/Upper Proterozoic
- PCH — HYLAND: consists upwards of coarse turbiditic clastics (1), limestone (2) and fine clastics typified by maroon and green shale (3); may include younger (4) units; includes scattered mafic volcanic rocks (5)
- PCH5 — HYLAND 5: dark brown- and green- to light grey-weathering dark green volcanic rocks, commonly with calcite filled vesicles, breccia, tuff, and agglomerate; minor interbedded shale, chert, siltstone, and limestone(Hyland Gp.)
- PCH4 — HYLAND 4: quartzose clastic rocks as described in (1); mostly(?) equivalent to (1) but may include younger units (Hyland Gp., mostly(?) Yusezyu)
- PCH3 — HYLAND 3: distinctive, recessive, maroon weathering, interbedded maroon and apple-green slate; "Ostheania" trace fossils; rare grey chert; locally basal member and interbeds of quartz siltstone, sandstone and quartz-pebble conglomerate (Hyland Gp., Narchilla , Senoah , Arrowhead Lake)

Upper Proterozoic
- PCH2 — HYLAND 2: grey weathering, dark grey to grey white, thin to thick bedded, very fine crystalline limestone, locally sandy; calc-silicate and marble, may locally include carbonate members within (1) or (4) (Hyland Gp., Algae Lake , limestone member of Yusezyu)
- PCH1 — HYLAND 1: thin to thick bedded, brown to pale green shale, fine to coarse grained quartz-rich sandstone, grit, and quartz-pebble conglomerate; minor argillaceous limestone; phyllite, quartzofeldspathic and micaceous psammite, gritty psammite and minor marble (Hyland Gp., Yusezyu)

Middle Proterozoic
- mPPFL1 — PINGUICULA: basal siliciastic red laminates; thin bedded laminated and flaserred limestone; laminated dolosiltite, massive white dolostone with wavy cryptalgal lamination, cross bedding, tepee structures, extensive dolomite veinlets and chert
- mPH2 — HART RIVER: resistant dark weathering diorite and gabbro sills and dikes

Lower Proterozoic
- IPG — GILLESPIE LAKE: dolostone and silty dolostone, locally stromatolitic, locally with chert nodules and sparry karst infillings, interbedded with lesser black siltstone and shale, laminated mudstone, and quartzose sandstone; local dolomite boulder conglomerate
- IPQ — QUARTET: black weathering shale, finely laminated dark grey weathering siltstone, and thin to thickly interbedded planar to cross laminated light grey weathering siltstone and fine grained sandstone; minor interbeds of orange weathering dolostone in upper part

Thrust Fault — High Angle Fault — Lithologic Contact

106D06 106D07 106D03 106D02 106D01 106C04

KATHLEEN LAKES FAULT
DAWSON THRUST FAULT
Rackla Gold Property Boundary

7,140,000 mN
7,130,000 mN
7,120,000 mN
7,110,000 mN
7,100,000 mN
490,000 mE
500,000 mE
510,000 mE
520,000 mE
530,000 mE
540,000 mE
550,000 mE

ATAC RESOURCES LTD.

FIGURE 7

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

REGIONAL GEOLOGY

RAU PROJECT

0 UTM 83 Z8 25 km

FILE: Rau/../F_6_Regional_Geology.wor | DATE: APRIL 2014

Rock formed before orogenic event

390 - 350	**Earn Group**: black shale and chert with lesser pebble conglomerate, sandstone and grit.
340	**Keno Hill Quartzite**: grey metamorphosed sandstone, minor black shale and phyllite.

Rocks formed during orogenic event

225	**Galena Suite intrusions**: brown and green diorite and gabbro.
200 - 250	**Jones Lake and Mt. Christie Formations**: sandstone, brown shale and dark limestone.

Rocks formed after orogenic event

90 - 94	**Tombstone Suite intrusion**s: granite and granodiorite.
62 - 67	**McQuesten Suite intrusions**: granite with two types of mica.
59-62*	**Rackla intrusion**: biotite-and muscovite-bearing granite with associated garnet bearing aplite and coarse pegmatite dykes and sills.**

** Kingston, 2009 and Kingston et al., 2010*
***Panton, 2008*

Sediments younger than 3 Ma

0 - 3	**Overburden**: ice-deposited sand and gravel; river silt.

Property Geology

Only limited property-scale geological mapping has been conducted over the Rau Trend. Most work has focused within the favourable Bouvette Formation stratigraphy in close proximity to the Tiger Deposit. Detailed mapping conducted at the Bengal and Blue Lite Showings can be viewed in Figures 8 and 9. The following descriptions are taken largely from previously documented government and historical mapping.

The Rau property lies within a northwest trending thrust package bound to the south by the Dawson Thrust and to the north by the Kathleen Lakes Fault. Stratigraphy within this package forms open folds that align parallel to the thrusts and plunge gently to the southeast. Several high angle faults, which parallel the general structural trend, are inferred on the property and others could be present.

The **Bouvette Formation** is the most abundant rock type shown on government based maps and is the principal focus of ATAC's exploration in the region. It can be divided into three main units which young to the northeast. In order from oldest to youngest:

525,000 mE

525,400 mE

525,800 mE

71220,000 mN

7,121,600 mN

7,121,200 mN

LST

Z-DOL

VOL

C-DOL

BAS

C-DST

T-DST

55

50

60

56

35

45

40

44

75

65

1,760

1,750

1,700

1,650

T.N.

0°40'

22°52'

Grid north

Magnetic north

Annual change decreasing 26.5'

*UTM grid angle corresponds to map sheet 106D01

T-DST Tan weathering dolostone

BAS Basalt dikes and sills

C-DST Cabriand dolostone

VOL Volcaniclastic

Z-DOL Zebra dolostone

LST Limestone

Thick vegitative cover

Limit of mapping

Outcrop boundary

Fault

Inferred contact

60 Bedding strike and dip

ATAC RESOURCES LTD.

FIGURE 8

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

PROPERTY GEOLOGY - PUMA

RAU TREND PROJECT

0 250 m

UTM NAD 83 ZONE 8, Scale 1:5 000

FILE: Rau/../F_7_Property_Geology_Puma.wor | DATE: APRIL 2014

531000 mE
533000 mE
535000 mE
7124000 mN
7122000 mN
7120000 mN

T.N.
0°40'
22°52'
Grid north
Magnetic north
Annual change decreasing 26.5'
*UTM grid angle corresponds to map sheet 106D01

S-SHL
KHQ
B-SHL
S-SLT
F-LST
SKN
L-SLT
S-LST
R-LST
CGL
B-LST
F-SHL
DST

Joint
Foliation
Bedding attitude
Contact
Thrust fault
Fault

SKN — Skarnified light to dark grey tremolite rich laminated limestone.
KHQ — Keno Hill Quartzite
S-SHL — Black, fine grained fissile spotted shale containing adaluisite porphyroblasts
S-SLT — Siliceous siltstone with quartz veins
F-LST — Black fossiliferous limestone
L-SLT — Limey siltstone with quartz veins
B-SHL — Black shale
S-LST — Interbedded shale and grey limestone
R-LST — Dark grey to black, coarse grained, partially recrystallized limestone
B-LST — Black limestone containing tremolite
CGL — Chert pebble conglomerate with siliceous matrix
F-SHL — Black fissile shale
DST — Grey, fine grained, well bedded and laminated dolostone

** after Chruchill 1980*

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FIGURE 9

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

BLUE LITE GEOLOGY

RAU TREND

0 — 1000 m

UTM NAD 83 ZONE 8, Scale 1:20 000

FILE: Rau/../F_8_BlueLite_Geology.wor | DATE: APRIL 2014

1) **Cambrian and Ordovician** – massive pale grey dolostone, oncolitic dolostone, minor quartzite and sandy dolostone.

2) **Ordovician and/or Silurian** – thin to medium bedded grey and buff weathering silty limestone; massive white limestone, well bedded tan and grey limestone in the upper part of the unit.

3) **Silurian and Devonian** – thick bedded to massive light grey dolostone and limestone. Dark grey, fetid limestone containing "two hole" and "star" crinoids at the top of the unit.

The thickness of the Bouvette Formation on the property is estimated to be at least 1400 m. The primary focus of mapping has been limited to the area around Monument Hill and the Tiger Deposit within the Ordovician-Silurian strata hosting carbonate gold replacement mineralization. Elsewhere, the Bouvette Formation has not been mapped in detail and remains undifferentiated.

A narrow sliver of Middle Proterozoic **Fifteen Mile Group** dolostone lies beneath the Bouvette Formation, to the southwest. This unit is composed of chocolate to orange brown weathering, cryptalgal laminated, medium to thick bedded dolostone, overlain by rusty brown weathering, olive green siltstone and shale with lesser maroon black and buff shale.

The **Marmot Formation** consists of thin volcanic horizons that are interbedded with the Ordovician and/or Silurian Bouvette Formation. The horizons range from a few metres to about 20 m thick and comprise dark green to brown weathering mafic, vesicular volcanic flows, carbonate-cemented hyaloclastic breccias and volcanic-derived sandstone, grit and pebble and cobble conglomerate. Locally these horizons are magnetic. Although the Marmot Formation is volumetrically insignificant, it appears to have played an important role in localizing mineralization in the underlying carbonate by acting as an impermeable cap.

Devonian and Mississippian **Earn Group** is located in the southern half of the property and bounds the Bouvette Formation to the south, east and north. This unit is generally recessive weathering and is mostly composed of black shale and chert. To the south a high angle normal fault places Earn Group against Bouvette Formation, while a thrust fault marks the southeastern contact. To the north, the Earn Group lies conformably above Cambrian to Devonian shale and limestone, which has been placed against the Bouvette Formation by another high angle fault.

The central part of the trend hosts numerous dykes and sills believed to represent a roughly 1000 m diameter granitic plug referred to as the "**Rackla Pluton**". The plug is mostly composed of coarse grained, equigranular, biotite-and muscovite-bearing granite that is locally miarolitic (Panton 2008). The dykes and sills typically range between 30 cm and 7 m in thickness. They are often more fractionated than the plug and include garnet bearing aplite and coarse pegmatite that locally features beryl, amazonite (a green variety of feldspar) and one or more tourmaline minerals (rubellite, indigolite and schorl). The pegmatite bodies comprise mainly orthoclase and quartz but often exhibit abundant lithium-and vanadium-rich micas on their margins.

On surface, the Rackla Pluton is mostly covered by glacial till and only aplite and pegmatite sills and dykes are visible. The pluton is best delineated by its airborne magnetic signature, which at the property scale is represented by a strong magnetic high. When the data is collapsed to the area immediately surrounding the pluton and a high-pass filter is applied, the signature shows a core magnetic low with a fringing magnetic high.

Analysis of several small bodies of granitic aplite and pegmatite have yielded 40Ar/39Ar muscovite ages of 62.3 ± 0.7 Ma, 62.4 ± 1.8 Ma and 59.1 ± 2.0 Ma (Kingston, 2009 and Kingston et al., 2010). Based on this data and the composition of the intrusion, Kingston concludes that the Rackla Pluton does not likely belong to the McQuesten Suite (65.2 ± 2.0 Ma).

Skarn and minor hornfels are developed locally within the Bouvette Formation proximal to the intrusions. Skarn grades from distal tremolite-rich (iron-deficient) facies, which are most abundant near the Flat Top Showing (about 1000 m northwest of the pluton), to proximal actinolite-diopside ± garnet ± pyrrhotite (iron-rich) facies, which are found closer to the pluton and on the margins of some dykes and sills. Massive skarns are mostly developed at contacts between limestone and volcaniclastic horizons. Hornfels is restricted to thin volcaniclastic layers within the Marmot Formation. It is normally rusty weathering and often contains disseminated to semi-massive pyrrhotite. Limestone and dolomite are locally altered to marble and often contain disseminated, light grey scapolite crystals. The scapolite is difficult to recognize on freshly broken surfaces but stands out on weathered surfaces as prismatic randomly orientated crystals.

TARGET EVALUATION

General

The Rau Trend contains a number of different mineral showings representing several different styles of mineralization, the most notable being the Tiger Deposit which is a sediment-hosted replacement-style and oxide gold deposit, and which has been the primary focus of ATAC's exploration efforts to date. Other mineralization types known to occur within the Rau Trend include zinc ± silver ± lead ± gold ± bismuth in limonite-rich veins; scheelite in tremolite skarns; pyrrhotite ± scheelite ± chalcopyrite in actinolite-diopside ± garnet skarns; wolframite ± tantalite in granite; gold bearing quartz-boulangerite veins; and iron ± zinc in gossans. Figure 5 shows the locations of the various showings discussed in this report, while detailed information of mineralized the showings along the Rau trend, not discussed within this report can be found within Dumala 2008, 2009, 2011; Dumala and Lane 2010; McDivitt, 2012; and Lane et al., 2013.

In 2013, 1229 soil and 348 rock samples were collected in seven target areas in the Rau Trend. This exploration focused on assessing gold potential at known mineralized showings and geochemical targets. Emphasis at the mineralized targets was directed to follow up of geochemical anomalies that occurred in proximity to receptive stratigraphy. The location of soil and rock samples along with the sample identifier can be found in Figures 10-17. Results for gold geochemistry for each of the target areas are presented in Figures 18-25 Sampling and analytical procedures are explained in Appendix III; rock sample descriptions are provided in Appendix IV and certificates of analysis occur in Appendix V.

480,000 mE

500,000 mE

520,000 mE

540,000 mE

7,140,000 mN

7,120,000 mN

T.N.

1°32'

22.27

Grid north

Magnetic north

Annual change decreasing 26.1'

Figure 11

Figure 12

106B05

106D07 106D08 106C05 106C06 106C07 106C08

106D06

106D03 106D02 106D01 106C04 106C03 106C02 106C01

106B04

UTM Zone 8

UTM Zone 9

20 km

Location of figure within claim block

Soil sample location

ATAC RESOURCES LTD.

FIGURE 10

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

2013 SOIL SAMPLE LOCATION OVERVIEW

RAU PROJECT

0 10 km

UTM Zone 8, NAD 83, Contour interval 100 m, Scale: 1: 200 000

FILE: .../Rau.../Figures/F7-Soil...Overview.wor

DATE: APRIL 2014

*Letter corresponds to assessment grouping

Location of figure within claim block

20 km

T.N.
0°40'
22°52'
Grid north
Magnetic north
Annual change decreasing 26.5'

PROPERTY BOUNDARY

513 000 mE
514 000 mE
515 000 mE

7 124 000 mN
7 123 000 mN
7 122 000 mN
7 121 000 mN

2013 Soil sample location

ATAC RESOURCES LTD.

FIGURE 11

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

NOW WEST SOIL SAMPLE LOCATIONS

RAU PROJECT

0 500 m

UTM Zone 8, NAD 83, 1/06/04DL, Contour interval 100 m, Scale: 1: 8 000

FILE: .../Rau/Figures/FB-Soil_NowWest.wor

DATE: APRIL 2014

T.N.
0°40'
22°52'
Grid north
Magnetic north
Annual change decreasing 26.5'

525500 mE
526000 mE
526500 mE
527000 mE
527500 mE
528000 mE
528500 mE

7118000 mN
7117000 mN
7116000 mN

*Letter corresponds to assessment grouping

106D06 106D07 106D08 106C05 106C06 106C07 106C08 106B
106D03 106D02 106D01 106C04 106C03 106C02 106B
N
K
L
J
I
H
G
F
E
D
C
B
A
M
Location of figure within claim block
20 km

● 2013 Soil sample location
— Property Boundary

ATAC RESOURCES LTD.

FIGURE 12

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

RAU SOUTH SOIL SAMPLE LOCATIONS

RAU PROJECT

0 400m
UTM Zone 8, NAD 83, 1060/01

FILE: .../Rau .../Figures/F9-Soil_RauSouth.wor
DATE: APRIL 2014

480,000 mE

500,000 mE

520,000 mE

540,000 mE

7,140,000 mN

7,120,000 mN

T.N.

1°32'

22.27

Grid north

Magnetic north

Annual change decreasing 26.1'

Figure 17

Figure 15

Figure 14

Figure 16

106B05

106D07 106D08 106C05 106C06 106C07 106C08

106D06

106D03 106D02 106D01 106C04 106C03 106C02 106C01

106B04

UTM Zone 8

UTM Zone 9

20 km

Location of figure within claim block

Rock sample location

ATAC RESOURCES LTD.

FIGURE 13

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

2013 ROCK SAMPLE LOCATION OVERVIEW

RAU TREND PROJECT

0 10 km

UTM Zone 8, NAD 83, Contour interval 100 m, Scale: 1: 200 000

FILE: .../Rau.../Figures/F10-Rock..Overview.wor

DATE:APRIL 2014

532400 mE
532600 mE
532800 mE
533000 mE
533200 mE
7123200 mN
7123000 mN
7122800 mN
7122600 mN

T.N.
0°40'
22°52'
Grid north
Magnetic north
Annual change decreasing 26.5'

Q007645
Q007644
Q007647
Q007646
Q007648
Q007649
Q013503
Q007650
Q013501
Q013506
Q013505
Q013504
Q013502
Q013514
Q013513
Q013511
Q013508
Q013512
Q013516
Q013510
Q013507
Q013517
Q013515
Q013509

L840766
L840765
L840767
L840771
L840768
L840769
L840770
L840773
L840772
L840774
L840779
L840781
L840775
L840780
L840776
L840783
L840777
L840784
L840782
L840785
L840778
L840788
L840786
L840789
L840791
L840792

Q013518
Q013519
Q013520
Q013521
Q013523
Q013522
Q013525
Q013526
Q013524
Q013527
Q013528
Q013529
Q013202
Q013203
Q013204
Q013205
Q013208
Q013209
Q013531
Q013530
L840794
L840795
L840793
L840798
L840797
L840799
L840800
Q013201
L840796
Q013212
Q013211
Q013213
Q013207
Q013210

2013 Rock sample location

ATAC RESOURCES LTD.

FIGURE 14

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

BLUE LITE ROCK SAMPLE LOCATIONS

RAU PROJECT

0 200 m

UTM Zone 8, NAD 83, 106D/01

FILE: .../Rau.../Figures/FXX-Rock_BlueLite.wor

DATE: APRIL 2014

ATAC RESOURCES LTD.

FIGURE 15

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

PUMA ROCK
SAMPLE LOCATIONS
RAU TREND PROJECT

0 200 m

UTM Zone 8, NAD 83, 106D/01

FILE: .../Rau.../Figures/F12-Rock_Puma.wor | DATE: APRIL 2014

■ 2013 Rock sample location

T.N.

0°40' 22°52'

Grid north

Magnetic north

Annual change decreasing 26.5'

525400 mE 525600 mE 525800 mE 526000 mE

7121800 mN 7121600 mN 7121400 mN

Q013275 Q013274 Q013277 Q013587 Q013588 Q013586 Q013629 Q013628 Q013624 Q013626 Q013639 Q013640 Q013641 Q013622 Q013616 Q013617 Q013618 Q013623 Q013620 Q013584 Q013621 Q013630 Q013627 Q013625 Q013644 Q013642 Q013643 Q013645 Q013608 Q013609 Q013610 Q013611 Q013612 Q013613 Q013614 Q013615 Q013273 Q013589 Q013590 Q013607 Q013606 Q013597 Q013598 Q013599 Q013605 Q013602 Q013603 Q013604 Q013601 Q013600 Q013593 Q013594 Q013596 Q013595 Q013592 Q013591 Q013269 Q013270 Q013271

INSET

INSET MAP

525670 mE 525680 mE 525690 mE 525700 mE

7121850 mN 7121840 mN 7121830 mN

Q005831 Q005832 Q005833 Q005834 Q005835 Q005836 Q005837 Q005838 Q005839 Q005840 Q005841 Q005842 Q005843 Q005844

Q013631 Q013632 Q013633 Q013634 Q013635 Q013636 Q013637 Q013638

Q013585 Q013276 Q013272

T.N.
0°40'
22°52'
Grid north
Magnetic north
Annual change decreasing 26.5'

527000 mE
529000 mE
530000 mE
7119000 mN
7118000 mN
7117000 mN
7116000 mN
7115900mN

M898155
M898154
M898153
M898152
M898151
Q007748
L840764
L840763
L840762
L840751
L840754
Q013284
Q013281
Q013280
Q013683
Q013682
Q013681
Q013532
Q013226
Q013672
Q013673
Q013674
Q013675
Q013678
Q013677
Q013676
Q013679
Q013230
Q013229
Q013228
Q013680
Q013222
Q013214
Q013671
Q013670
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Q013221
Q013669
Q013666
Q013219
Q013220
Q013665
Q013218
Q013667
Q013216
Q013663
Q013668
Q013215
Q013217
Q013544
Q013539
Q013548
Q013538
Q013541
Q013540
Q013542
Q007641
Q007635
Q013658
Q013547
Q007643
Q013536
Q013660
Q013537
Q013545
Q007640
Q013535
Q013659
Q013661
Q013546
Q013543
Q007642
Q007634
Q013533
Q013534
Q007639
Q007638
Q013549
Q007637
Q013550
Q007636

INSET

INSET MAP
527900mE
528000mE
528100mE

2013 Rock sample location
Road Network

ATAC RESOURCES LTD.

FIGURE 16

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

RAU SOUTH ROCK SAMPLE LOCATIONS

RAU TREND PROJECT

0 1 km

UTM Zone 8, NAD 83, 106D/01

FILE: .../Rau.../Figures/F14-Rock_RauSouth.wor

DATE: APRIL 2014

T.N.
0°40'
22°52'
Grid north
Magnetic north
Annual change
decreasing 26.5'

509,800 mE
510,200 mE
510,600 mE
511,000 mE
511,400 mE

7,123,600 mN
7,123,200 mN
7,122,800 mN
7,122,400 mN
7,122,000 mN
7,121,600 mN
7,121,200 mN

PROPERTY BOUNDARY

Q013651
Q013650
Q013653
Q013652
Q013655
Q013654
Q013649
Q013656
Q013648
Q013647
Q013657
Q013646
Q013578
Q013577
Q013576
Q013575
Q013580
Q013579
Q013572
Q013574
Q013573
Q013571
Q013570
Q013569
Q013568
Q013567
Q013566
Q013565
Q013564
Q013563
Q013561
Q013562
Q013251
Q013255
Q013252
Q013254
Q013253
Q013250
Q013258
Q013264
Q013256
Q013259
Q013265
Q013257
Q013260
Q013266
Q013267
Q013268
Q013261
Q013262
Q013263
Q013248
Q013249
Q013246
Q013247
Q013245
Q013244
Q013242
Q013243
Q013238
Q013237
Q013236
Q013234
Q013235
Q013560
Q013558
Q013559
Q013555
Q013554
Q013556
Q013557
Q013553
Q013233
Q013232
Q013551
Q013231
Q013552

■ 2013 Rock sample location

ATAC RESOURCES LTD.

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

FIGURE 17

NOW WEST ROCK SAMPLE LOCATIONS

RAU TREND PROJECT

0 200 m

UTM Zone 8, NAD 83, 106D/01 - Scale 1:80:000

FILE: .../Rau.../Figures/F13-Rock_NowWest.wor

DATE: APRIL 2014

532000 mE
532,500 mE
533,000 mE
533,500 mE
7,123,000 mN
7,122,500 mN
S-SHL
KHQ
S-SLT
F-LST
SKN
L-SLT
B-SHL
S-LST
4,000
4,500
5,000
5,500
5,700
2.18
1.77
1.51
T.N.
0°40'
22°52'
Grid north
Magnetic north
Annual change decreasing 26.5'
*UTM grid angle corresponds to map sheet 106D01

2013 GOLD IN ROCK (ppm)
- ≥1.0
- ≥ 0.5 < 1.0
- ≥ 0.2 < 0.5
- ≥ 0.1 < 0.2
- ≥ 0.05 < 0.1
- ≥ 0 < 0.05

2010-2012 GOLD IN SOIL (ppm)
- ≥0.5
- ≥ 0.1 < 0.5
- ≥0.05 < 0.1
- ≥ 0.03 < 0.05
- ≥ 0.01< 0.03
- ≥ 0 < 0.01

GEOLOGY
- SKN — Skarnified light to dark grey tremolite rich laminated limestone.
- KHQ — Keno Hill Quartzite
- S-SHL — Black, fine grained fissile spotted shale containing adaluisite porphyroblasts
- S-SLT — Siliceous siltstone with quartz veins
- F-LST — Black fossiliferous limestone
- L-SLT — Limey siltstone with quartz veins
- B-SHL — Black shale
- S-LST — Interbedded shale and grey limestone

** after Chruchill 1980*

ATAC RESOURCES LTD.

FIGURE 18

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

GOLD IN ROCK - BLUE LITE

RAU TREND

0 250 m

UTM NAD 83 ZONE 8, Scale 1:5 000

FILE: Rau/../FXX_Rock_Au_BlueLite.wor | DATE: APRIL 2014

7,122,400 mN

525,000 mE

525,400 mE

525,800 mE

526200 mE

T.N.
0°40'
22°52'
Grid north
Magnetic north
Annual change decreasing 26.5'
*UTM grid angle corresponds to map sheet 106D01

CH-11-07
CH-11-09
71220,000 mN
CH-11-08

PM-11-01
PM-11-02

LST
Z-DOL
VOL
C-DOL
BAS
C-DST
T-DST

9.62
8.1
8.92
18.45
1.14
1.63
4.36
2.59
7.79
3.53
1.01
2.04
1.57
1.45

7,121,600 mN
7,121,200 mN

Gold in Rock (ppm)	Gold in Soil (ppm)
>1	>1
>0.5 <1	>0.5 <1
>0.2 <0.5	>0.25 <0.5
>0.1 <0.2	>0.1 <0.25
>0.05 <0.1	>0.05 <0.1
>0 <0.05	>0 <0.05

*pre-2013 samples faded in colour

- LST — Limestone
- Z-DOL — Zebra dolostone
- VOL — Volcaniclastic
- C-DST — Cambrian dolostone
- BAS — Basalt dikes and sills
- T-DST — Tan weathering dolostone
- Thick vegitative cover
- Limit of mapping
- Outcrop boundary
- Fault
- Inferred contact
- 60 — Bedding strike and dip
- Drill Collar

ATAC RESOURCES LTD.

FIGURE 19

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

PUMA RESULTS

RAU TREND PROJECT

0 250 m

UTM NAD 83 ZONE 8, Scale 1:5 000

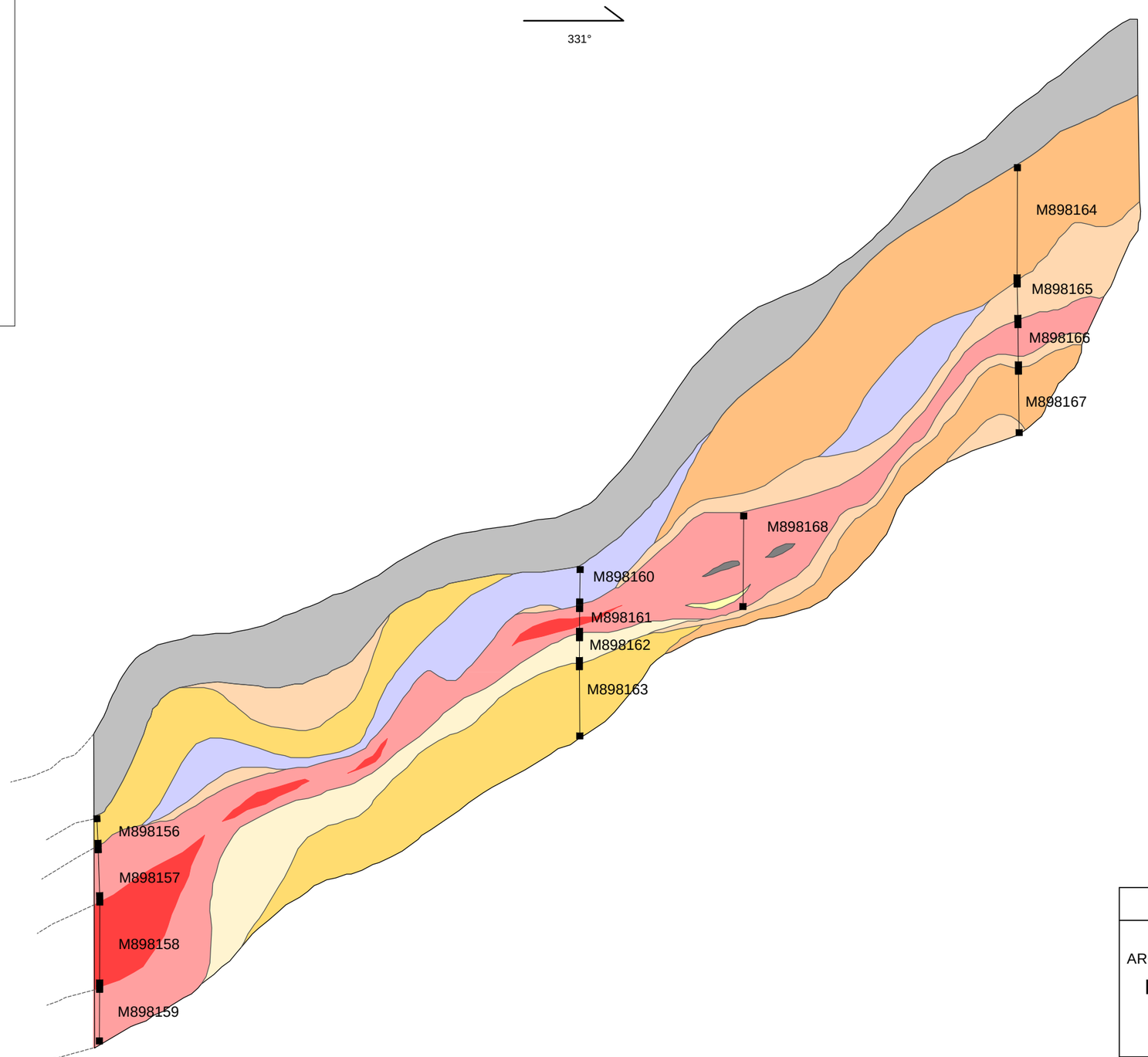
FILE: Rau/../F_X_Puma_Results.wor | DATE: APRIL 2014

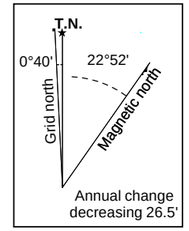
510,000 mE
511,000 mE
512,000 mE
513,000 mE
514,000 mE
7,124,000 mN
7,123,000 mN
7,122,000 mN
2.97
0.545
PROPERTY BOUNDARY
T.N.
0°40'
22°52'
Grid north
Magnetic north
Annual change decreasing 26.5'
Gold in Rock (ppm)
>1
>0.5 <1
>0.2 <0.5
>0.1 <0.2
>0.05 <0.1
>0 <0.05
Gold in Soil and Silt (ppm)
>1
>0.5 <1
>0.25 <0.5
>0.1 <0.25
>0.05 <0.1
>0 <0.05
soil / silt
*pre-2013 samples faded in colour
ATAC RESOURCES LTD.
FIGURE 20
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
NOW WEST RESULTS
RAU TREND PROJECT
0
1 km
UTM Zone 8, NAD 83, 106D/02, Contour interval 100 ft, Scale: 1: 15 000
FILE: .../Rau/Figures/FXX-NowWestResults.wor
DATE: APRIL 2014

Legend

- Organics
- Partially decomposed limestone
- Well-bedded argillite
- Argillite with oxide pockets
- Altered argillite
- Heavily decomposed argillite
- Sooty and heavily decomposed argillite
- Sulphide mineralization
- Contact
- Rock chip sample

331°





ADJOINS TO 2012
TRENCH MAP

ATAC RESOURCES LTD.

FIGURE 21

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

BENGAL TRENCH EXTENSION SAMPLES AND GEOLOGY

RAU PROJECT

0 1 metre

UTM Zone 8, NAD 83, 106D/01

FILE: .../Rau.../Figures/FXX-Bengal...Geology.wor | DATE: APRIL 2014

T.N.
0°40'
22°52'
Grid north
Magnetic north
Annual change decreasing 26.5'

527,500 mE
528000 mE
528,500 mE
7116500 mN
7,116,000 mN
7115500 mN

7,116,000 mN
528000 mE
1.75
2.23
1.61
1.58
2.27
3.22
4.59
Bengal Trench
2.13
2.36
1.08
0.85
0.95
1.12
1.28
3.19
1.98
2.64
2.32
1.42
100 m
Scale 1:3000

Gold in Rock (ppm)
>1
>0.5 <1
>0.2 <0.5
>0.1 <0.2
>0.05 <0.1
>0 <0.05

Gold in Soil (ppm)
>1
>0.5 <1
>0.25 <0.5
>0.1 <0.25
>0.05 <0.1
>0 <0.05

*pre-2013 samples faded in colour

Property Boundary

ATAC RESOURCES LTD.

FIGURE 22

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

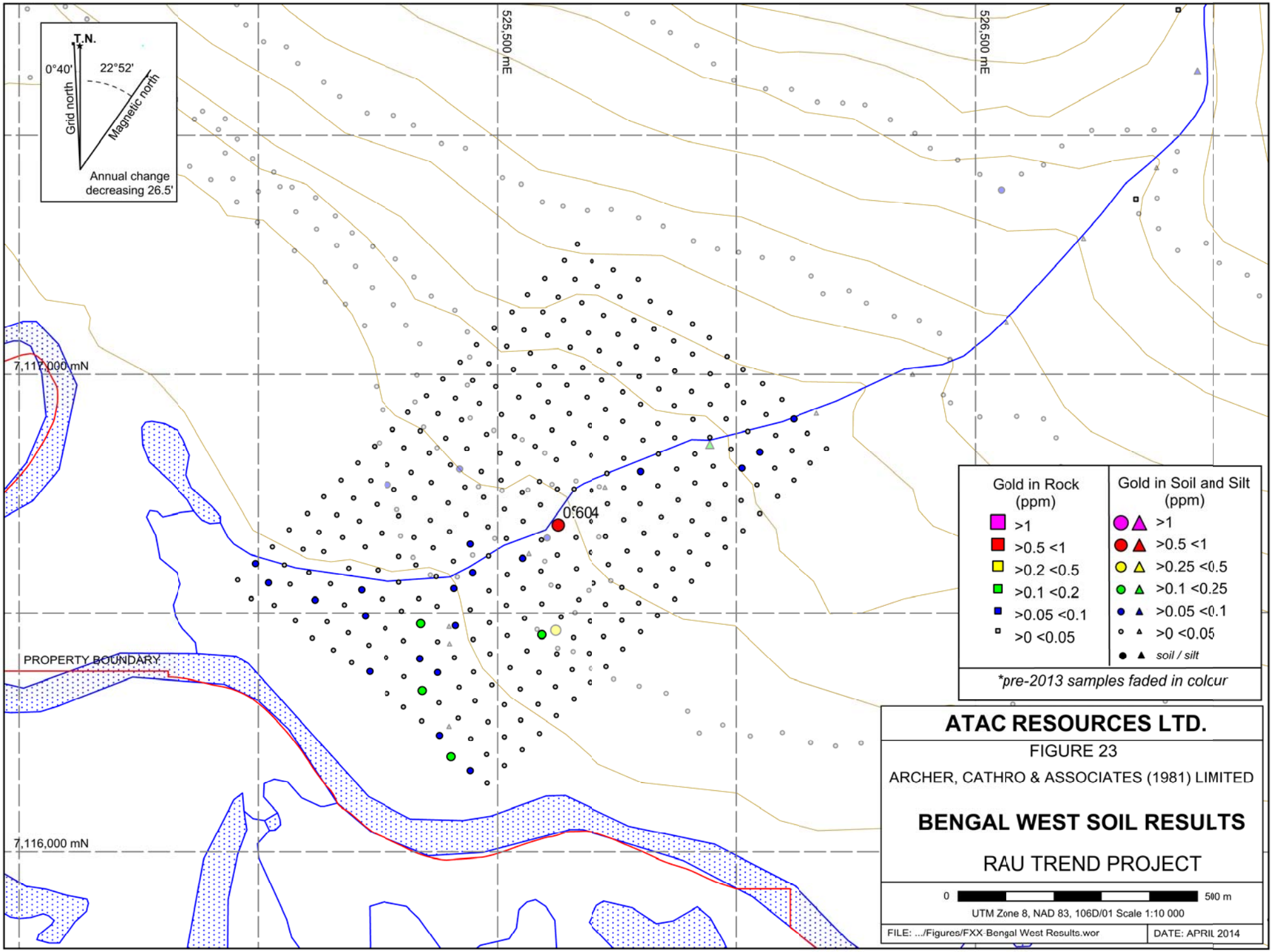
BENGAL SOIL AND ROCK RESULTS

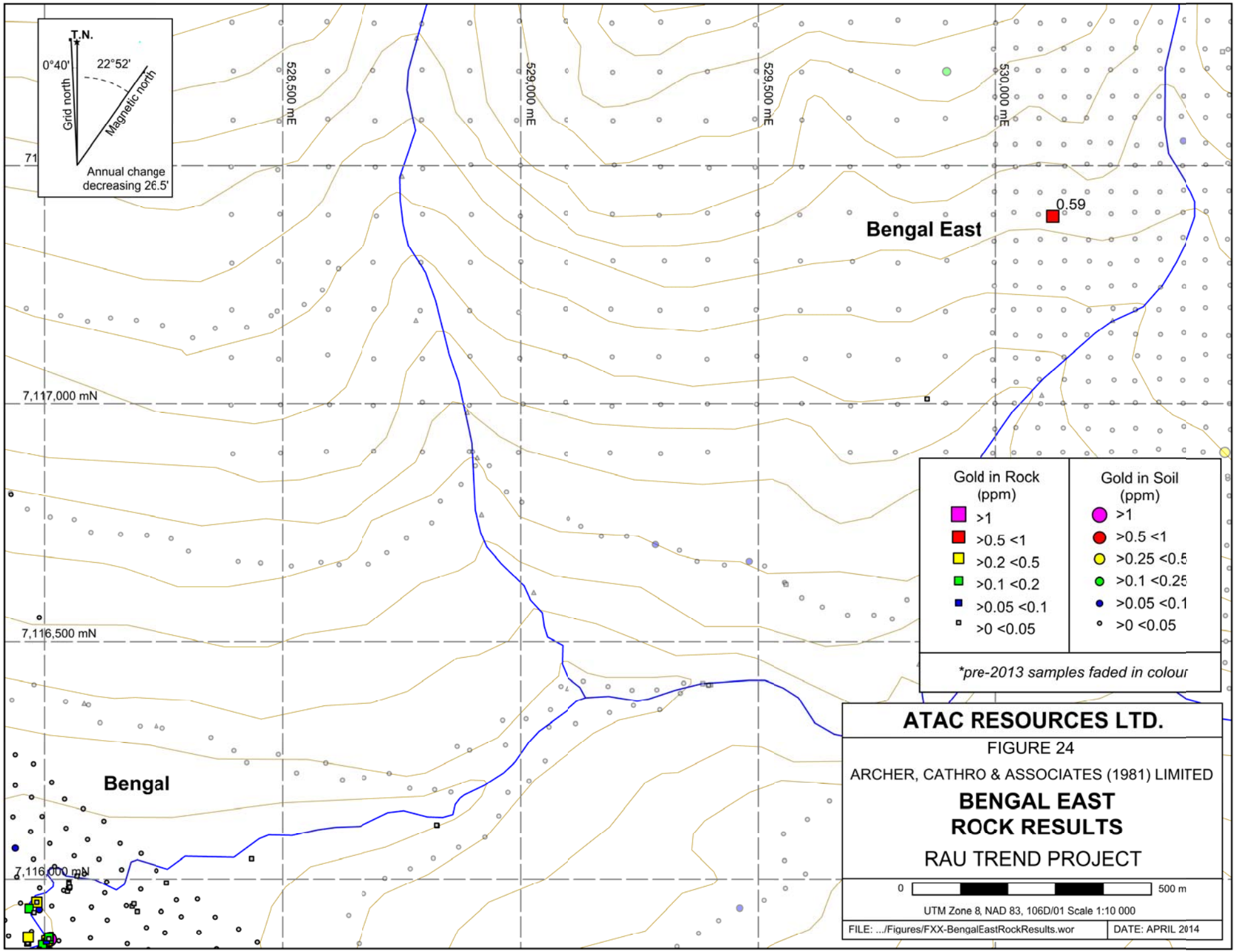
RAU TREND PROJECT

0 500 m

UTM Zone 8, NAD 83, 106D/01 Scale 1:8 000

FILE: .../Figures/FXX-BangalSoil&RockResults.wor | DATE: APRIL 2014


T.N.
0°40'
22°52'
Grid north
Magnetic north
Annual change
decreasing 26.5'
525,500 mE
526,500 mE
7,117,000 mN
7,116,000 mN
PROPERTY BOUNDARY
0604
Gold in Rock (ppm)
>1
>0.5 <1
>0.2 <0.5
>0.1 <0.2
>0.05 <0.1
>0 <0.05
Gold in Soil and Silt (ppm)
>1
>0.5 <1
>0.25 <0.5
>0.1 <0.25
>0.05 <0.1
>0 <0.05
soil / silt
*pre-2013 samples faded in colour
ATAC RESOURCES LTD.
FIGURE 23
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
BENGAL WEST SOIL RESULTS
RAU TREND PROJECT
0
500 m
UTM Zone 8, NAD 83, 106D/01 Scale 1:10 000
FILE: .../Figures/FXX-Bengal West Results.wor
DATE: APRIL 2014


T.N.
0°40'
22°52'
Grid north
Magnetic north
Annual change decreasing 26.5'
528,500 mE
529,000 mE
529,500 mE
530,000 mE
7,117,000 mN
7,116,500 mN
7,116,000 mN
0.59
Bengal East
Bengal
Gold in Rock (ppm)
>1
>0.5 <1
>0.2 <0.5
>0.1 <0.2
>0.05 <0.1
>0 <0.05
Gold in Soil (ppm)
>1
>0.5 <1
>0.25 <0.5
>0.1 <0.25
>0.05 <0.1
>0 <0.05
*pre-2013 samples faded in colour
ATAC RESOURCES LTD.
FIGURE 24
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
BENGAL EAST
ROCK RESULTS
RAU TREND PROJECT
0
500 m
UTM Zone 8, NAD 83, 106D/01 Scale 1:10 000
FILE: .../Figures/FXX-BengalEastRockResults.wor
DATE: APRIL 2014

7,119,000 mN

527,000 mE

528,000 mE

Lion

Tiger Zone

T.N.

0°40'

22°52'

Grid north

Magnetic north

Annual change decreasing 26.5'

7,118,000 mN

Gold in Rock (ppm)	Gold in Soil and Silt (ppm)
>1	>1
>0.5 <1	>0.5 <1
>0.2 <0.5	>0.25 <0.5
>0.1 <0.2	>0.1 <0.25
>0.05 <0.1	>0.05 <0.1
>0 <0.05	>0 <0.05
	soil / silt

*pre-2013 samples faded in colour

ATAC RESOURCES LTD.

FIGURE 25

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

LION RESULTS

RAU TREND PROJECT

0 250 m

UTM Zone 8, NAD 83, 106D/02, Contour interval 100 ft, Scale: 1: 5 000

FILE: .../Rau/Figures/FXX-LionResults.wor

DATE: APRIL 2014

Observations and Results

Blue Lite

The Blue Lite target is a historic skarn discovery 5.7 km northeast of the Tiger Deposit. It is characterized by an approximately 50 metre wide tremolite-rich laminated skarnified limestone horizon with notable pyrite and pyrohitte. The skarn horizon is bound to the north by fossiliferous limestone and siliceous siltstone and to the south by a limey siltstone unit. Both the limey and siliceous siltstone units are characterized by their presence of quartz veining. A geology map covering the Blue Lite target area occurs is Figure 9.

Contour soil sampling conducted in 2010 identified a 200 m long gold-in-soil anomaly coincident with the mapped location of the Blue Lite skarn horizon. Prospecting in 2013 was directed to the skarn horizon with emphasis placed on the characterization of the gold bearing potential of the skarn horizon. Rock samples of oxidized skarn material collected in the vicinity of the gold-in-soil anomaly returned up to 2.18 g/t Au (Figure 18).

Further mapping and prospecting of the Blue Lite skarn target area will help to determine the lateral potential of this skarn horizon. Diamond drilling would provide a sense of the depth potential of the mineralization, while also characterizing the gold bearing potential of non-oxidized skarn mineralization.

Puma

The Puma Target occurs 4.3 km northwest of the Tiger Deposit and has a geochemical signature similar to Tiger in terms of size and gold and pathfinder elements elevations. Work at Puma in previous years focused around a prominent fault cutting a dolostone package which contained gold bearing oxide material. In 2009, six goethite or goethite-rich limonite samples returned gold values greater than 1.0 g/t including a peak value of 18.45 g/t gold; while four samples returned silver in excess of 100 g/t to a maximum of 241 g/t silver. This fault, thought to be controlling the mineralization, was tested in two holes - PM-11-01 and PM-11-02. Both holes intersected creamy dolomite cut by a strongly oxidized but healed fault. The best result from this drilling returned 3.9 m of 0.75 g/t Au in PM-11-02.

Detailed mapping of the Puma target was performed in 2013(Figure 8). This work identified the same limestone, dolostone and volcaniclastic units that occur at the Tiger Deposit and noted two distinct generations of faults. The first fault generation shows a northerly orientation which in plan view sinisterly displaces the dolostone-volcaniclastic contact. The second generation, informally referred to as the Puma fault, has a west-northwesterly orientation which dextrally displaces the dolostone-volcaniclastic contact.

Prospecting performed at the Puma target in 2013 revealed and area of notable gold enrichment where the dolostone-volcaniclastic contact is cut by the Puma Fault (Figure 19). Further exploration at Puma should focus in the vicinity and along strike of the Puma Fault. Mapping and prospecting should be extended to the west to better define the stratigraphy and test its potential to host mineralization. If drilling is considered, holes should target the intersection of the Puma Fault proximal to elevated gold-in-soil values where the dolostone-volcaniclastic contact is offset.

Now West

The Now West target is located 18 km northwest of the Tiger Deposit. It was discovered in 2013 while following up in the vicinity of a 0.545 g/t Au stream sediment sample taken in 2012. Work at the target in 2013 consisted of contour soil sampling and early stage prospecting. Results for gold in soil and rock at the Now West target can be found in Figure 20.

Cover is extensive in the Now West area, so prospecting was focused along ridges and incised gullies. Bedrock, where exposed, was dominated by shales and phyllites cut by milky white quartz veins that showed open space-fill textures. The contour soil sampling program was designed to provide first pass coverage in the area that could have sourced the anomalous silt sample. The two soil samples most elevated for gold returned 0.147 g/t and 0.162 g/t.

Prospecting returned numerous samples elevated for gold, the highest of which graded 2.97 g/t Au in a chloritic-argillite cut by a rusty quartz veins. Topographic dispersion and low sample density make it difficult to constrain any well-defined trends from the soil and rock data; however a few observations can be made. The absence of carbonates in the area suggests the source for the gold mineralization is most likely gold bearing quartz veins similar to the gold bearing quartz-boulangerite veins historically noted at the Now showing, 7.5 km to the east. The absence of elevated pathfinder geochemical signatures typical of carbonate replacement style gold mineralization elsewhere in the Rau Trend supports this.

Further work is recommended in the Now West area to determine the full mineral potential. In-fill grid soil sampling should be conducted, centered on the current discovery area and extending past the farthest southwest contour line. Wide spaced contour samples should also be conducted to the north to expand the area of first pass coverage. Geologic mapping and prospecting would help direct future sampling to prospective host rocks.

Bengal

The Bengal showing, discovered in 2012, is located 3.2 km south of the Tiger Deposit and occurs within an intermittent gold in soil anomaly. Prospected and trenching in 2012 was conducted in proximity to a 2.36 g/t Au soil sample. Trenching exposed highly friable argillites interbedded with fossiliferous carbonate debrite layers. These carbonate horizons showed preferential oxidation and evidence of hydrothermal dolomite alteration forming coarse grained crystals, similar to those that are a host to gold mineralization at the Tiger Deposit. Sampling of the oxidized carbonate returned elevated values between 0.3 and 0.8 g/t Au. Sampling of an argillite with abundant disseminated pyrite on the other hand returned up to 3.19 g/t Au.

In 2013 the Bengal trench was extended 7 m to the northwest, uncovering similar lithologies and alteration patterns to those observed in 2012. Samples of heavily decomposed and altered argillite collected in 2013 returned between 0.25 and 4.59 g/t Au, while one sample taken in the carbonate horizon returned 1.61 g/t Au (Figure 21).

Prospecting in the vicinity of the Bengal target revealed a sample of shale with 0.95 g/t Au (Figure 22). Also, targeted soil samples collected 250 metres northeast of the Bengal discovery returned up to 1.42 g/t gold. Future work at Bengal should include prospecting and hand pitting or trenching at the site of elevated gold in rock and soil samples northeast of the Bengal discovery. Detailed geologic mapping would help to define the extent of favourable stratigraphy. Additionally, follow-up should be conducted on the lower grade gold-in-soil anomaly in the southeast portion of the Bengal soil grid.

Bengal West

The Bengal West target, identified through contour soil sampling in 2012, occurs 2.3 km west of Bengal or 3.6 km southwest of the Tiger Deposit. Soil sampling in 2012 and 2013 has defined a broad (500 m by 350 m) but generally weak gold-in-soil anomaly with an isolated sample that returned 0.604 g/t Au (Figure 23). The soil anomaly occurs on the southern side of Tiger Creek, just upstream of its entry into the Beaver River.

Cursory prospecting in the area revealed a thick layer of fluvial outwash and glacial till deposited cover with spare to no outcrop. These observations in addition to the morphology and location of the anomaly relative to Tiger Creek suggests the anomaly was formed from fluvial sediment deposition of material sourced from the Tiger Deposit. Hand pitting at the site of the 0.604 g/t Au should be conducted to determine this.

Bengal East

The Bengal East target, located 2.5 km northeast of the Bengal showing, is defined by one anomalous gold-in-rock value collected while prospecting in 2013 (Figure 24). The sample was taken from a subcrop of dark green skarn with notable disseminated pyrite and arsenopyrite and returned 0.59 g/t Au. Further prospecting in the area is required to determine the potential of this skarn target.

Lion

Grid soil sampling at the Lion target, located approximately 1 km southwest of the Tiger Deposit was conducted in 2013. This sampling was designed to test whether anomalous soil samples flanking Tiger Creek truly defined an area of mineralization or were merely a feature of downstream dispersion from the Tiger Deposit.

While most samples returned values for gold below 0.05 ppm, one sample returned 0.102 g/t Au (Figure 25). This sample was located on the western most soil line approximately 150 m east of the creek. These results suggest that the gold-in-soil anomaly at the Lion target is related to downstream dispersion and lateral overflow deposition from stream sediments sourcing from the Tiger deposit.

DISCUSSION AND CONCLUSIONS

Exploration along the Rau Trend portion of the Rackla Gold Property in 2013 refined our understanding of seven geochemical targets and mineralized showings. The results of this work continue to support the theory that the Rau Trend is district that supports multiple styles of gold mineralization. This is demonstrated at Puma and Bengal with gold hosted in carbonates, while at Now West it is associated with quartz veining, and at Blue Lite and Bengal East it is related hosted within skarn horizons.

Further exploration is warranted not only at the know locations of mineralization and anomalous geochemical response, but also in untested areas. Silt sampling should be conducted on all drainages yet to see first pass coverage on the western portion of the property. Continued follow-up and prospecting in areas showing both elevated soil and silt geochemical response and areas known to host mineralization is also required.

Potential for mineral commodities other than gold has been proven both historically and in recent years along the Rau Trend. Exploration activities should continue to be designed in a manner that allows this diversity of mineral potential to be assessed.

Respectfully submitted

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED



Julia Lane, P.Geo.

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

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

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



Julia Lane, P.Geo.

APPENDIX II

STATEMENT OF EXPENDITURES

Statement of Expenditures
Nadaleen Group I, J, K and L
(see attached for list of mineral claims)
March 1, 2014

Labour March to February (includes field, office, expediting and support)

R. Carne – geologist -766 hours at $145/hr	$ 116,623.50
D. Eaton – geologist – 40 hours at $120/hr	5,040.00
J. :Lane – geologist – 148 hours at $96/hr	14,918.40
W. Schneider – expediting – 166 hours at $92/hr	16,035.60
A. Carne – P.Eng. – 670 hours at $85/hr	59,797.50
J. Steven – geologist – 34 hours at $85/hr	3,034.50
J. McArthur – camp manager - 30 days at $680/day	21,420.00
H. Friday – geologist – 61 ¼ days at $560/day	36,015.00
Cody Beck – field assistant – 20 days at $424/day	8,904.00
T. Stefanik – field assistant – 7 days at $424/day	3,116.40
J. Lessard – field assistant – 7 days at $360/day	2,646.00
L. Corbett – expediting – 81 hours at $81/hr	6,889.05
D. Wallinger – expediting – 44 ½ hours at $74/hr	3,457.65
V. Pickering – office -101 ¼ hrs at $64/hr	6,804.00
L. Smith – office- 45 hours at $62/hr	2,929.50
D. Libman – expediting – 17 hours at $55/hr	981.75
	308,612.85

Expenses (including management fee)

Field room and board – 174 mandays @ $135/manday	26,637.66
Matrix Research Ltd.	37,005.28
Laberge Environmental Services	128,200.27
J. Gibson Environmental Consulting	91,041.86
15317 Yukon Inc.	60,725.70
Great River Aviation Ltd.	5,281.61
Nomad Air	21,230.58
ALS Chemex	67,193.65
Fireweed Helicopters – various machines and rates	247,105.53
Horizon Helicopters	5,613.30
Trans North Helicopters	8,141.26
Alkan Air	32,915.73
Golder Associates	46,608.78
	777,701.21

Total	$1,086,314.06

Note: These costs are for the Tiger Deposit which covers all four groupings.

Total claims for Group I, J, K and L = 2,701 claims

Cost per claim = $1,086,314.06/2,701 = $402.19

Cost pro rated for:

Group I (451 claims) – $181,387.50

Group J (750 claims) – $301,642.19

Group K (750 claims) – $301,642.19

Group L (750 claims) – $301,642.18

APPENDIX III

SAMPLING AND ANALYTICAL PROCEDURES

2013 Prospecting Rock Samples

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

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

2013 Soil Samples

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

APPENDIX IV

ROCK SAMPLE DESCRIPTIONS

SampleID	Easting	Northing	Comments
L840751	527400	7117360	Clay with rock fragments from pit.
L840752	527400	7117360	Clay with rock fragments from pit.
L840753	527400	7117360	Carbonaceous shale fragments from pit.
L840754	527658	7117278	Subangular volcanic clasts, locally oxidized with fine grained silvery sulphides
L840755	527658	7117278	Subangular volcanic clasts, locally oxidized with fine grained silvery sulphides
L840756	527658	7117278	Subangular volcanic clasts, locally oxidized with fine grained silvery sulphides
L840757	527658	7117278	Grey clay from pit.
L840758	526836	7117367	Silty flour material. Clay altered volcanic.
L840759	526836	7117367	Silty flour material. Clay altered volcanic.
L840760	526836	7117367	Resistant quartz veined volcanic. Local Ox with silvery sulphides.
L840761	526836	7117367	Resistant quartz veined volcanic. Local Ox with silvery sulphides.
L840762	526836	7117367	Resistant quartz veined volcanic. Local Ox with silvery sulphides.
L840763	526924	7117762	Rusty weathering dolostone with cubic pits on road.
L840764	527003	7117866	oxidzed dolostone with fine grained disseminated pyrite on road.
L840765	532424	7122886	Rusty quartz vein material.
L840766	532424	7122886	Rusty quartz vein material.
L840767	532431	7122879	Rusty quartz vein material.
L840768	532431	7122879	Rusty quartz vein material. Also contains elongate black mineral.
L840769	532455	7122858	Orange-brown sandy oxide.
L840770	532455	7122858	Yellow oxide.
L840771	532455	7122858	Pitted quartzite? Yellow oxide in pits.
L840772	532483	7122812	quartz vein material.
L840773	532491	7122801	Iron oxide, arsenic oxide in sulphide rich zone. Abundant brassy pyrite.
L840774	532491	7122801	Iron oxide, arsenic oxide in sulphide rich zone. Abundant brassy pyrite.
L840775	532491	7122801	Iron oxide, arsenic oxide in sulphide rich zone. Abundant brassy pyrite.
L840776	532491	7122801	Iron oxide, arsenic oxide in sulphide rich zone. Abundant brassy pyrite.
L840777	532491	7122801	Iron oxide, arsenic oxide in sulphide rich zone. Abundant brassy pyrite.
L840778	532491	7122801	Iron oxide, arsenic oxide in sulphide rich zone. Abundant brassy pyrite.
L840779	532491	7122801	Iron oxide, arsenic oxide in sulphide rich zone. Abundant brassy pyrite.
L840780	532491	7122801	Iron oxide, arsenic oxide in sulphide rich zone. Abundant brassy pyrite.
L840781	532491	7122801	Iron oxide, arsenic oxide in sulphide rich zone. Abundant brassy pyrite.
L840782	532491	7122801	Oxide material from narrow NW vein.
L840783	532507	7122778	Orange oxide, sandy texture and abundant very fine grained clear vitreous mineral.
L840784	532507	7122778	White, sandy, porous, non calcareous sample. Oxidized seams. Bleached.
L840785	532530	7122745	oxide with bleached protolith.
L840786	532530	7122745	Very small fragments of garnet bearing skarn.
L840787	632564	7122735	Light coloured, pitted, locally oxidized tremolite? Skarn?
L840788	532573	7122730	Limonite
L840789	532573	7122730	Limonite
L840790	532573	7122730	Yellow, sandy oxide.
L840791	532639	7122712	Oxidized, actinolite skarn.
L840792	532639	7122712	sandy, powdery oxide material.
L840793	532788	7122684	light coloured oxidized skarn. Porous with relict amphibole pits? With oxidizing clevage seams.
L840794	532788	7122684	light coloured oxidized skarn. Porous with relict amphibole pits?
L840795	532788	7122684	Oxidized, abundant, clear, soft prismatic vitrous mineral.
L840796	532798	7122676	Highly oxidized tremolite bearing skarn from structure.
L840797	532798	7122676	Highly oxidized tremolite bearing skarn from structure.
L840798	532798	7122676	Highly oxidized tremolite bearing skarn from structure.
L840799	532798	7122676	Highly oxidized tremolite bearing skarn from structure.
L840800	532798	7122676	sandy, oxide material from structure..
M898151	527918	7118927	Heavily pitted, orange and brown/black stained limestone - oxidation on fracture surfaces and locally pervasive throughout rock. Sample collected by Heather Friday.
M898152	527755	7118943	Heavily oxidized fractures and semas (dark rusty orange -red colour) in limestone with secondary (?) clacite infill along seams. Found as a boulder in float - could not find source outcrop. Sample collected by Heather Friday

SampleID	Easting	Northing	Comments
M898153	527768	7118961	Oxidized and pitted limestone - oxidation of select crystals in main rock with oxidized seams throughout. Possiblt recrystallized (?) Large crystalss of calcite throughout. Sample collected by Heather Friday.
M898154	527774	7119003	Heavily oxidized and pitted Limestone/dolostone (?) with secondary calcite filling vugs (chalcedonic looking). Ocidation ranges from dark red to dark brown.
M898155	527818	7119085	Oxidized and pitted limestone with quartz veining and blebs throughout. Oxidation is orange to dark red and predominately on fracture surfaces. Sample may be a recrystallized limestone with large calcite crystals within.
Q005831	525679	7121842	altered volcaniclastic, clasts oxidizing orange, blotchy arsenopyrite through out
Q005832	525679	7121842	altered volcaniclastic, some zones of orange oxidation, blotchy zones of arsenopyrite
Q005833	525679	7121842	altered volcaniclastic, banded zones of oxidation (yellow to orange), orange oxide disspersed through out
Q005834	525679	7121842	altered volcaniclastic, brown to orange oxide through out, highly oxidized, sandy texture, highly porus
Q005835	525679	7121842	altered volcaniclastic, zones of banded oxide, pale yellow to orange brown, highly altered appearance
Q005836	525679	7121842	altered volcaniclastic, orange to brown oxides, dark banded minerals
Q005837	525679	7121842	altered volcaniclastic, orange to brown oxides, vuggy texture, sandy texture
Q005838	525679	7121842	altered volcaniclastic, limanitic alteration, pocky texturte
Q005839	525679	7121842	altered volcaniclastic, limanitic alteration, large clasts oxidized brown to orange
Q005840	525679	7121842	altered volcaniclastic, limanitic alteration, pocky texture, brown to orange oxide in pock marks
Q005841	525679	7121842	altered volcaniclastic, limanitic alteration, highly altered appearance
Q005842	525679	7121842	altered volcaniclastic, limanitic alteration, banded oxides ranging from brown to orange
Q005843	525679	7121842	altered volcaniclastic, limanitic alteration, oxides ranging from brown to orange to yellow, highly altered appearance
Q005844	525679	7121842	altered volcaniclastic, limanitic alteration, oxides ranging from brown to orange
Q007634	527848	7115784	green-beige clastic rock. Weakly oxidized, smoothed suface on one face. Pyrite disseminated
Q007635	527848	7115784	green-beige clastic rock. Slightly heavy, oxidized.
Q007636	527847	7115784	shale broken up by calcite veins.
Q007637	527847	7115784	shale fragments. Some calcite veined, some calcite veins with quartz blobs. Weaklly oxidized veins.
Q007638	527852	7115782	stratabound oxide in shale
Q007639	527844	7115785	stratabound oxide in shale
Q007640	527848	7115783	largest peoce of oxide, locally pocky and porous. Some quartz and calcite precipatate
Q007641	527848	7115782	calcite veins, some have clasts in veins
Q007642	527864	7115793	black f.g., calcaeous rock. Calcite veins with green mica mineral, fukesite
Q007643	527864	7115797	dark f.g., calcaeous rock. Calcite veined. Altered section of rock is porous and pocky and not as calcareous.
Q007644	533058	7123227	grey non-calcareous rock. Silvery sulphides, oxidation frontin rock so that half of rock is oxidized. Some vugs
Q007645	533058	7123227	oxidized rock. Yellow-orange inside, non-calcaeous, clastic looking.
Q007646	533060	7123201	quartz vein, moderately oxidized, dark subhedral crystal 1cmx1cm (quartz?), one vug with calcareous, soft, black material, black metallic sulphide in some sections
Q007647	533063	7123204	light grey, non-calcareous rock. Bearing pyrite, section of rock is green and moderatly calcaeous. One section is dark quartz vein.
Q007648	533057	7123185	pocky oxide, locally beige and porous
Q007649	533057	7123185	massive quartz,vugs with soft dark material which is calcareous. Black metallic sulphide.
Q007650	533056	7123183	rock is composed of small quartz crystals, less than 1mm, and muscovite books. Moderately oxidized, pocky. Small sample.
Q007748	527073	7118050	Ankerite veining in dolostone.
Q007749	527073	7118050	Spotted, clay altered ferruginous dolostone.
Q007750	527073	7118050	Spotted, clay altered ferruginous dolostone.
Q013201	532795	7122676	sample of white mineral and oxide from structure.
Q013202	532877	7122693	Actinolite skarn with minor oxide. Fine grained silver sulphide.
Q013203	532886	7122674	Limonite with vg?

SampleID	Easting	Northing	Comments
Q013204	532886	7122674	Cleaved white skarn with oxidizing clevage planes.
Q013205	532880	7122667	Limonite
Q013206	532880	7122667	Limonite
Q013207	532876	7122653	Powdery, dark brown limonite.
Q013208	532886	7122648	oxidizing, actinolite skarn.
Q013209	532886	7122648	White, locally oxidized skarn. Soft clear subrounded to subprismatic mineral give white appearance. Fine grained sulphides.
Q013210	532903	7122644	Locally oxidized skarn. Dark green and emerald green vitreous mineral.
Q013211	532903	7122644	Light coloured skarn, localized oxidation.
Q013212	532903	7122644	Limonite.
Q013213	532907	7122638	Sandy, light coloured skarn.
Q013214	527968	7115938	Oxiziding actinolite skarn with quartz in float.
Q013215	527965	7115865	Limonite
Q013216	527965	7115865	quartz veining in ferruginous spotted dolostone.
Q013217	527965	7115865	dark porous rock. Quartz and oxidation.
Q013218	527965	7115868	Oxidized, pitted, stratabound zone, dark sinuos banding. ~20 cm wide.
Q013219	527966	7115878	limonite dug from slope with euhedral quartz.
Q013220	527966	7115878	limonite dug from slope with euhedral quartz.
Q013221	527966	7115878	Narrow 10-20 cm alteration zone. Stratabound.
Q013222	527984	7115951	Intense oxidation zone in outcrop. Abundant quartz. Reddish brown oxide.
Q013223	527984	7115951	Oxidized wall rock from structure.
Q013224	527984	7115951	Quartz with powdery oxide.
Q013225	527984	7115951	Sandy oxide material from structure.
Q013226	528187	7115638	5cm bed with quartz and limonite.
Q013227	528187	7115638	5cm bed with quartz and limonite.
Q013228	528183	7115943	quartz and minor limonite occuring in between clevage planes.
Q013229	528187	7115948	sandy oxide material with abundant, soft, clear vitreous mineral. Non calcareous.
Q013230	528187	7115948	sandy oxide material with abundant, soft, clear vitreous mineral. Non calcareous.
Q013231	511282	7121478	Quartz vein in float.
Q013232	511300	7121545	quartz vein material in metamorphosed argillite.
Q013233	511452	7121820	Subangular rusty chlorite, quartz and vein material.
Q013234	511052	7122477	quartz vein material.
Q013235	511052	7122477	quartz vein material.
Q013236	511060	7122491	Banded, chloritic, quartz vein material
Q013237	511038	7122566	Locally oxidized quartz vein fragment with chlorite and muscovite.
Q013238	511026	7122575	Meta argillite, chloritic. Rust quartz vein material.
Q013239	611027	7122587	goethitic quartz vein.
Q013240	611027	7122587	hematitic quartz vein
Q013241	611022	7122597	quartz veining in chloritic meta arg.
Q013242	510985	7122663	large fragment of milky white quartz vein.
Q013243	510985	7122663	Quartz vein with crenulated, chloritic seams.
Q013244	510900	7122759	rusty weathering chloritic quartz vein in float.
Q013245	510885	7122812	quartz vein material in float.
Q013246	510934	7122833	Quartz vein material.
Q013247	510934	7122833	Quartz vein material.
Q013248	510814	7123007	Oxidizing quartz vein fragment in float.
Q013249	510667	7122978	Porous, sandy, boxwork , non calcareous oxidizing sample in float.
Q013250	510565	7123081	Quartz vein material. Minor oxidation and phylosilicates.
Q013251	510535	7123095	Quartz vein material, oxidation, chlorite and muscovite.
Q013252	510535	7123095	Quartz vein material, oxidation, chlorite and muscovite.
Q013253	510535	7123095	Quartz vein material, oxidation, chlorite and muscovite.
Q013254	510538	7123100	Muscovite rich quartz vein with oxidized pockets.
Q013255	510527	7123117	Chloritic oxidizing quartz vein.
Q013256	510768	7123186	quartz vein, abundant dark grey metallic mineral. Minor pyrite.
Q013257	510768	7123186	quartz vein, abundant dark grey metallic mineral.
Q013258	510786	7123199	Large quartz vein in subcrop with minor oxidation.
Q013259	510786	7123199	Large quartz vein in subcrop with minor oxidation.
Q013260	510813	7123188	Highly oxidized quartz vein material in chloritic meta-arg.

SampleID	Easting	Northing	Comments
Q013261	510829	7123183	Highly oxidized quartz vein material.
Q013262	510829	7123183	Highly oxidized quartz vein material.
Q013263	510829	7123183	Highly oxidized quartz vein material.
Q013264	510933	7123172	Oxidized quartz vein material.
Q013265	510933	7123172	Oxidized quartz vein material.
Q013266	510933	7123172	Oxidized quartz vein material.
Q013267	510933	7123172	Oxidized quartz vein material.
Q013268	510933	7123172	Oxidized quartz vein material.
Q013269	526242	7121541	Magnetite bearing ferruginous dolostone. Near contact between volcaniclastic and carbonate unit.
Q013270	526231	7121375	Preferentially oxidzed planes within volcaniclastic unit. Occur with soft, white botryoidal mineral. Orientation of planes is 280 dipping 23N
Q013271	526231	7121375	Preferentially oxidzed planes within volcaniclastic unit. Occur with soft, white botryoidal mineral. Orientation of planes is 280 dipping 23N
Q013272	525680	7121830	Oxidizing volcaniclastic material.
Q013273	525864	7121801	Highly oxidized volcaniclastic sample in float.
Q013274	525687	7121912	Limonite in float
Q013275	525651	7121938	Limonite in float.
Q013276	525672	7121832	pitted limonite.
Q013277	525334	7121869	oxidized, chloritic, volcanic.
Q013278	529855	7117010	Banded crystalline carbonate. Minor tremolite and oxidizing pits.
Q013279	529855	7117010	Sandy, poorly sorted highly oxidized diamictite.
Q013280	529855	7117010	Highly oxidized diamictite?
Q013281	530120	7117394	Highly oxidized skarn sample. Dark green.
Q013282	530120	7117394	Sandy white powder
Q013283	530310	7118001	Oxidizing, iron rich sulphide bearing skarn.
Q013284	530310	7118001	Light coloured tremolite skarn. Minor sulphides.
Q013501	533056	7123176	sandy oxidized, porous rock. Weathered/altered mica. Sulphides that are colors of silver and copper and red-orange. Some pocky sections, grey quartz sandy section.
Q013502	533056	7123177	grey, f.g., non-calcareous rock. Bands of black-silver sulphides.
Q013503	533056	7123177	grey-tan, non-calcareous rock. Sandy, porous, quartz vein, locally pocky. Lots of small quartz crystals.
Q013504	533056	7123177	sandy, porous oxide. Minor sulphides. One side has euhedral quartz on weathered vein.
Q013505	533057	7123175	sandy quartz with vugs, oxidized.
Q013506	533056	7123174	purple-orange oxidized quartz. Vugs with euedral quartz, vugs with orange-brown soft material. Grey area with silver sulphide. Some clear quartz.
Q013507	533044	7123133	Green-grey spotty ock. Porous, bearing sulphides. Some yellow staining.
Q013508	533044	7123133	quartz and limonite, pocky.
Q013509	533042	7123131	60% sulphides in this sample. Sulphides are colors of silver and grey and copper. Radiating tremolite, green patch with associated calcareous minerals.
Q013510	533042	7123126	65% sulphides in this sample. Sulphides are colors of grey and silver and copper. Some sandy quartz. Green minerals, calcareous minerals.
Q013511	533042	7123126	oxidized rock, calc-silicates, calcareous minerals, sulphides 10%
Q013512	533042	7123127	oxidized, sandy, porous, non-calcaeous rock. Grey-green sections, soft, pocky.
Q013513	533046	7123135	grey sandy porous rock. Oxide coating
Q013514	533045	7123132	90% grey-silversulphide, one section of massive sulphide. Some green calc-silicates
Q013515	532981	7123101	dark grey pocky, very porous rock. Small quartz crystals, some oxide coating.
Q013516	532986	7123109	green-grey rock. F.g. disseminated sulphides, oxidized thin bands and oxidized coating. Green calc-silicates.
Q013517	532982	7123107	oxidized porous, sandy rock. Clasts of light grey, porous material. Black metallic mineral.
Q013518	532718	7122850	black sandy rock. Porous, oxide patches. F.g. quartz crystals.
Q013519	532717	7122843	grey, non-calcareous rock. Quartz rich, quartz veins. Come calcite in fractures. Sulphides in bands, mica in quartz.
Q013520	532716	7122838	tan, non-calcareous rock. Sulphide chunks disseminated.
Q013521	532714	7122833	oxide rock, quartz in rock. Beige patches, pocky. Light grey patches.
Q013522	532774	7122762	oxidizedrock that is grey-green on fresh surface. Porous and pocky. Radiating tremolite.

SampleID	Easting	Northing	Comments
Q013523	532776	7122771	white-grey, sandy, porous, non-calcareous, pocky rock. Bands of oxide, purple metallic staining.
Q013524	532773	7122751	oxidized, pocky rock. Lots of tremolite. Porous. White tabular mineral
Q013525	532773	7122748	orange rock, oxidized throughout, pocky, porous, heavy.
Q013526	532774	7122750	black rock, heavy, weakly calcareous, 40% sulphides.
Q013527	532815	7122734	sandy, porous rock. Mica or f.g. disseminated sulphides. Black metallic mineral. Red mineral, purple staining.
Q013528	532871	7122701	oxidized rock. Green radiating tremolite 1cm. Pocky, minor quartz, porous, purple staining.
Q013529	532914	7122673	oxidized quartz. Silver sulphides. Vugs with soft porous material.
Q013530	532943	7122641	tan-red rock. Porous, quartz + mica. Sulphides + black lusterous mineral.
Q013531	532997	7122642	black and red rock. Porous and sandy.small quartz crystals and some small quartz veins. Pocky.
Q013532	527544	7115742	shale with porous quartz veins, heavily quartz veined, minor limonitic alteration
Q013533	527885	7115783	quartz veined shale, calcareous, alteres spot which is porous.
Q013534	527884	7115780	calcareous shale, quartz + calcite vein. Sulphide in quartz.
Q013535	527890	7115805	quartz vein, pyrite, green fukesite. Black flower like dendritic material on one face of broken quartz.
Q013536	527881	7115807	quartz vein, green staining associated with silver metallic sulphide. In shale.
Q013537	527986	7115838	oxidized quartz vein in siltstone.
Q013538	527989	7115852	altered shale, porous, oxidized, with quartz veins
Q013539	527989	7115852	altered shale, porous, oxidized, with quartz veins
Q013540	527989	7115852	altered shale, porous, oxidized, with quartz veins
Q013541	527993	7115848	altered shale horizon 30cm thick. Porous, weakly calcareous, quartz, vuggy, oxidized.
Q013542	527993	7115847	altered shale horizon 30cm thick. Porous, weakly calcareous, quartz, vuggy, oxidized.
Q013543	527993	7115846	altered shale horizon, pocky, oxidized, porous, quartz
Q013544	527996	7115853	in gully that runs E-W into the creek. Grey porous rock, red breccia zone in the middle of rock.
Q013545	528023	7115836	black altered calcareous shale. Pocky, quartz, green mineral, porous, some oxide patches.
Q013546	528023	7115835	black powder + altered shale pieces.
Q013547	528028	7115839	pocky, porous, shale. With breccia section.
Q013548	528011	7115851	black shale, quartz, porous.
Q013549	527851	7115780	dark grey-black altered shale. Porous, pocky texture, highly oxidized.
Q013550	527849	7115779	black altered shale, quartz and calcite veining present.
Q013551	511313	7121499	quartz vein with rock fragments
Q013552	511315	7121499	quartz with silver sulphide
Q013553	511395	7121846	quartz vein, some euhedral quartz. Found in creek
Q013554	510952	7121911	quartz vein, black staining. Found in creek
Q013555	510917	7121918	green rock with minor calcite. Elongate bladed mineral. Found in creek
Q013556	510915	7121916	quartz, some euhedral quartz in vugs, oxidized, mica in quartz. White tabvular mineral. Found in creek
Q013557	510914	7121915	oxidized quartz with shale. Found in creek
Q013558	510914	7121914	hydrothermal quartz, porous. Found in creek
Q013559	510914	7121913	quartz qith clasts of green rock, vugs in quartz. Found in creek
Q013560	510688	7121926	Found in creek. Calcareous conglomerate, clasts 1mm to 3mm, oxide coating, bearing sulphides.
Q013561	510478	7122379	quartz breccia. Black, porous soft material, some mica, minor limonitic alteration
Q013562	510478	7122379	quartz breccia. Black, porous soft material, some mica, minor limonitic alteration
Q013563	510470	7122412	quartz veined, grey phylite.
Q013564	510404	7122448	quartz veined, phylite, limonitic alteration.
Q013565	510402	7122505	quartz vein with soft brown patches.
Q013566	510442	7122552	quartz vein, limonitic alteration, some vugs.
Q013567	510399	7122622	quartz vein
Q013568	510390	7122624	quartz vein with mica
Q013569	510384	7122630	quartz vein, limonitic alteration, pocky brown patches.
Q013570	510373	7122648	quartz vein, limonitic alteration
Q013571	510259	7122736	quartz vein, some euhedral quartz, vugs with yellow powder, black mineral.

SampleID	Easting	Northing	Comments
Q013572	510237	7122757	quartz vein in slate, euhedral quartz. Limonitic alteration, pocky, some soft material.
Q013573	510258	7122735	grey slate, quartz veined, pocky, limonitic alteration
Q013574	510266	7122752	grey rock, quartz grains, coarse grained, porous, low density, small quartz veins.
Q013575	510029	7122859	soft brown, porous material surrounded by quartz veins, black-silver metallic mineral.
Q013576	510001	7122871	quartz vein, clasts of black, porous, pocky rock.
Q013577	509992	7122879	grey rock that use to have clasts in it, now gone and the skelton is left.
Q013578	509943	7122880	orange limonite, pocky
Q013579	509889	7122838	orange limonite, shale fragments.
Q013580	509778	7122827	quartz breccia limonitic alteration
Q013581	509636	7122684	quartz vein
Q013582	509637	7122675	porous quartz with brown and black material
Q013583	509605	7122675	quartz vein, orange staining
Q013584	525794	7121838	orange-black limonite, heavy, black metallic oxide, quartz
Q013585	525662	7121837	breccia or clastic rock, oxidized, yellow-green stain. Arsenic oxide?
Q013586	525480	7121879	orange-black limonite, quartz, heavy
Q013587	525401	7121876	limonite with quartz and calcite
Q013588	525385	7121865	limonite with quartz and calcite
Q013589	525319	7121824	limonite with quartz and calcite
Q013590	525305	7121812	limonite with quartz and calcite
Q013591	525262	7121734	dark limonite with calcite, on ridge.
Q013592	525265	7121737	limonite, on ridge.
Q013593	525264	7121740	grey-black-green rock. Porous, pocky, quartz + calcite, minor limonitic alteration. On ridge
Q013594	525264	7121741	grey-black-green rock. Porous, pocky, quartz + calcite, minor limonitic alteration. On ridge
Q013595	525263	7121738	grey rock with limonitic alteration. On ridge
Q013596	525263	7121738	limonite. On ridge
Q013597	525310	7121781	grey pocky rock. Porous, green staining, arsenic oxide?
Q013598	525310	7121779	black rock with limonite + calcite
Q013599	525310	7121778	black calcareous breccia
Q013600	525306	7121758	grey pocky rock. Lots of limonitic alteration with calcite in it.Heavy.
Q013601	525306	7121760	grey pocky rock. Low density. Some limoinitic spots.
Q013602	525309	7121774	limonite with calcite, some clasts of black rock
Q013603	525310	7121773	limonite with calcite, some clasts of black rock
Q013604	525310	7121772	limonite with calcite and quartz. Yellow powder
Q013605	525309	7121772	black rock with pick-white calcareous veinlets. Limonitic alteration. Yellow powder in one section
Q013606	525371	7121796	limonitic calcite + dolomite vein
Q013607	525378	7121804	limonite with calcite and quartz. Yellow powder
Q013608	525583	7121794	calcareous rock with oxidized pyrite crystals, some limonitic alteration
Q013609	525750	7121813	grey-tan clay with oxidized clasts. 3ft deep.
Q013610	525750	7121812	rock fragments that are oxidized and have grey bits showing in the rock. 3ft deep.
Q013611	525750	7121812	contineous sample from 4ft to 3ft. Tan-grey dirt + rock fragments
Q013612	525750	7121812	brown oxidized rock fragments and dirt. 5ft deep.
Q013613	525750	7121812	limonite with white soft non-calcareous mineral. 3ft deep.
Q013614	525750	7121812	beige-tan rock. Weakly calcareous with clasts which are tan. Black oxidizing clasts or sulphides? Green mica. Volcaniclastic. Subcrop 5ft deep.
Q013615	525748	7121812	beige-tan rock. Weakly calcareous with clasts which are tan. Black oxidizing clasts or sulphides? Green mica. Volcaniclastic. Subcrop 5ft deep.
Q013616	525752	7121857	brown soil + small rock fragments. 5ft deep.
Q013617	525752	7121856	red-brown soil + small rock fragments. 2.5 ft deep
Q013618	525752	7121856	beige-ornge limonite, small green mineral.
Q013619	525752	7121854	banded beige-orange limonite.
Q013620	525753	7121853	tan pocky, porous, rock. Some clasts.
Q013621	525750	7121853	clastic rock, limonitic alteration.
Q013622	525751	7121855	limonite, relic clasts some of whice are more oxidized.
Q013623	525752	7121855	oxidized clastic calcareous rock.
Q013624	525565	7121855	purple-tan, limonitic altered, volcaniclastic

SampleID	Easting	Northing	Comments
Q013625	525565	7121854	volcaniclastic limonite
Q013626	525565	7121854	limonitic altered volcaniclastic, circular clasts weathering out.
Q013627	525565	7121854	tan-orange volcaniclastic limonite
Q013628	525564	7121854	grey-orange rock, limonitic altered volcaniclastic with some non-altered volcaniclastic.
Q013629	525564	7121854	altered volcaniclastic. Limonitic altered matrix with grey unaltered clasts.
Q013630	525534	7121840	brown sandy dirt + dolostone fragments
Q013631	525690	7121838	dark altered, oxidized, volcaniclastic
Q013632	525690	7121838	tan altered volcaniclastic, green mineral, fukesite?
Q013633	525690	7121838	purple-tan altered volcaniclastic, pocky
Q013634	525690	7121838	oxidized volcaniclastic, with beige streaks
Q013635	525690	7121838	dark oxidized volcaniclastic
Q013636	525690	7121838	grey altered volcaniclastic, pocky, green patches
Q013637	525690	7121838	galena with quartz
Q013638	525690	7121838	tan volcaniclastic with quartz vein
Q013639	525635	7121863	orange altered volcaniclastic
Q013640	525635	7121862	oxidized volcaniclastic with beige sections
Q013641	525635	7121861	limionitic volcaniclastic
Q013642	525621	7121833	limonitic altered volcaniclastic, one large clast which is not visibly altered.
Q013643	525621	7121835	limonitic altered volcaniclastic, some unalteres grey clasts
Q013644	525620	7121832	limonmitic altered volcaniclastic, some clasts less latered, green hue
Q013645	525621	7121833	oxidized volcaniclastic, mostly green hue
Q013646	509850	7122928	Quartz vein material JM picked up while doing ridge and stur soil line. In field flagged as 001
Q013647	509887	7123034	Quartz vein material JM picked up while doing ridge and stur soil line. In field flagged as 002
Q013648	509912	7123083	Quartz vein material JM picked up while doing ridge and stur soil line. In field flagged as 003
Q013649	509943	7123115	Quartz vein material JM picked up while doing ridge and stur soil line. In field flagged as 004
Q013650	509799	7123411	Quartz vein material JM picked up while doing ridge and stur soil line. In field flagged as 005
Q013651	509988	7123458	Quartz vein material JM picked up while doing ridge and stur soil line. In field flagged as 006
Q013652	509947	7123362	Quartz vein material JM picked up while doing ridge and stur soil line. In field flagged as 007
Q013653	509947	7123362	Quartz vein material JM picked up while doing ridge and stur soil line. In field flagged as 008
Q013654	509908	7123101	Quartz vein material JM picked up while doing ridge and stur soil line. In field flagged as 010
Q013655	509880	7123211	Quartz vein material JM picked up while doing ridge and stur soil line. In field flagged as 011
Q013656	509931	7123108	Quartz vein material JM picked up while doing ridge and stur soil line. In field flagged as 012
Q013657	509873	7122936	Quartz vein material JM picked up while doing ridge and stur soil line.
Q013658	527989	7115847	shale breccia, green hue, with quartz
Q013659	527989	7115846	altered shale, minor limonitic alteration, porous
Q013660	527988	7115847	brecciated shale, some green hue, limonitic alteration
Q013661	527988	7115846	oxidized shale breccia
Q013662	528009	7115878	oxidized brecciated shale with quartz. At cliff bottom. Poor GPS reception
Q013663	527996	7115862	pocky oxidized shale, quartz veined
Q013664	528009	7115874	oxide precipatate on ground below altered rocks.
Q013665	528010	7115873	sandy-powder dark grey shale + quartz fragments. Found in fracture in rock 1ft wide.
Q013666	528009	7115873	oxidized brecciated shale.
Q013667	528004	7115869	oxide material + quartz fragments. Weathering from rocks above quartz vein.
Q013668	528005	7115870	altered shale, very pocky, porous, quartz added, oxidized. Zone is 1ft wide
Q013669	528006	7115870	altered shale, very pocky, porous, quartz added, oxidized. Zone is 1ft wide
Q013670	528014	7115884	green needle-like actinolite with quartz, limonitic alteration, in shale.
Q013671	527978	7115930	shale with tabular, clear mineral that is in euhedral form. Barite?

SampleID	Easting	Northing	Comments
Q013672	528068	7116007	altered shale, oxidized, with quartz + calcite.
Q013673	528051	7115994	grey-green, non-calcareous, moderately heavy rock. With radiating tremolite
Q013674	528051	7115993	altered shale, locally brecciated + oxidized. Some black powder on weathering surface. Altered section 1.5 ft wide
Q013675	528051	7115991	black powder with white soft mineral/precipatate
Q013676	528050	7115980	altered shale broken up by by white soft mineral. Altered zone 1.5ft wide
Q013677	528052	7115981	altered shale broken up by by white soft mineral. Lime green weathering on one section of rock. Altered zone 1.5ft wide
Q013678	528053	7115983	orange oxidized vein with altered shale
Q013679	528048	7115974	altered shale, green hue.
Q013680	528194	7115932	bracciated shale
Q013681	528257	7115992	altered shale, porous, green hue, arsenic oxide? Red-brown spots, oxide or mineral, sphalerite?
Q013682	528435	7116043	limonitic altered shale with quartz
Q013683	528825	7116113	limonitic altered shale
Q013684	528824	7116114	pocky, altered shale with quartz

APPENDIX V

CERTIFICATES OF ANALYSIS

ALS Canada Ltd.

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

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

Finalized Date: 14-AUG-2013
Account: RCM

CERTIFICATE WH13137046

Project: RAV

P.O. No.: R13-R1

This report is for 150 Rock samples submitted to our lab in Whitehorse, YT, Canada on 30-JUL-2013.

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

ANALYTICAL PROCEDURES

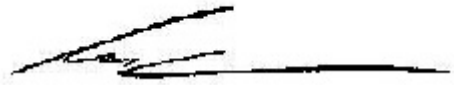
ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
ME-XRF05	Trace Level XRF Analysis	XRF
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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

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

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

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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North Vancouver BC V7H 0A7
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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
Q007634		0.16	0.02	0.70	7.65	6.5	520	0.37	0.02	4.30	1.36	18.00	14.8	255	1.03	73.9
Q007635		0.23	0.02	6.87	7.88	41.6	290	0.86	1.31	6.76	1.70	101.0	12.7	237	3.74	51.4
Q007636		0.20	0.95	0.30	0.85	7	170	0.47	1.32	22.8	0.57	11.25	1.6	17	0.99	22.3
Q007637		0.09	0.03	0.81	1.06	28	510	0.80	2.09	15.20	1.41	22.7	2.8	29	1.16	30.4
Q007638		0.12	0.12	0.96	1.73	253	490	0.97	1.07	1.49	<0.5	27.3	5.8	44	1.86	88.1
Q007639		0.09	0.07	0.68	1.51	135.0	390	0.95	0.56	0.99	1.56	32.8	8.8	49	1.63	91.9
Q007640		0.30	0.10	0.94	2.53	193.0	760	2.06	0.73	3.59	1.04	34.9	11.7	71	2.98	162.0
Q007641		0.13	<0.01	0.15	0.35	64	150	0.52	0.13	28.2	0.41	22.0	2.0	12	0.71	7.9
Q007642		0.34	<0.01	0.27	0.60	10	80	0.28	1.27	24.4	0.62	9.65	1.3	36	1.21	10.1
Q007643		0.32	<0.01	0.36	0.83	17	170	0.55	2.14	17.15	0.78	6.52	1.9	34	1.12	45.5
Q007644		0.09	0.01	0.58	3.07	9.1	230	0.80	18.20	1.53	0.47	13.75	38.6	51	14.45	475
Q007645		0.12	0.04	0.73	5.02	8	170	3.51	5.00	10.55	0.21	91.0	5.0	3430	2.33	526
Q007646		0.20	<0.01	0.42	0.06	2.3	10	<0.05	16.40	0.19	0.20	2.92	2.5	34	0.24	23.3
Q007647		0.13	<0.01	0.26	3.96	20.8	80	2.35	5.82	7.15	0.20	21.0	7.5	100	1.94	82.8
Q007648		0.15	0.01	0.99	1.63	11.7	10	3.65	19.00	5.20	0.23	8.37	2.6	52	0.30	69.3
Q007649		0.10	<0.01	0.09	0.07	1.0	<10	0.07	0.42	0.15	0.08	0.53	0.7	25	0.24	6.8
Q007650		0.02	0.01	0.42	5.44	5.3	570	4.34	30.8	0.81	0.33	16.45	2.4	80	22.0	97.0
Q013501		0.27	<0.01	0.80	1.70	6.5	50	1.30	114.5	0.10	0.05	1.14	12.7	60	4.33	481
Q013502		0.10	<0.01	0.17	6.79	0.9	490	4.78	3.57	3.29	0.04	128.5	14.8	68	19.40	199.0
Q013503		0.13	<0.01	0.17	1.38	8.2	40	0.73	3.74	0.04	0.04	25.1	1.3	62	1.77	25.7
Q013504		0.15	0.18	0.63	3.28	0.7	190	3.24	355	0.43	<0.02	7.09	2.9	366	4.39	179.0
Q013505		0.09	<0.01	0.28	1.66	2.8	10	0.57	6.72	2.38	<0.02	7.92	1.7	33	0.41	62.4
Q013506		0.23	0.58	0.33	0.08	1050	<10	0.05	646	0.08	0.05	0.97	5.9	39	0.26	77.9
Q013507		0.16	0.59	0.64	4.22	8.8	20	0.93	103.5	7.96	0.12	19.40	3.5	130	0.36	362
Q013508		0.18	0.02	0.95	1.15	12.7	10	1.04	15.10	4.14	0.18	8.76	2.3	45	0.74	425
Q013509		0.14	0.01	0.91	0.98	4.7	<10	1.41	10.70	9.81	0.16	9.57	109.5	31	0.43	1580
Q013510		0.11	0.01	1.02	2.24	5.5	<10	2.59	15.75	6.42	0.09	12.20	77.3	34	0.52	3740
Q013511		0.23	0.01	0.36	5.73	<5	50	12.25	6.06	11.30	0.08	24.1	27.9	103	10.55	238
Q013512		0.10	0.01	0.28	5.55	157.0	250	5.47	44.9	0.46	0.02	18.90	3.7	256	10.20	182.0
Q013513		0.07	<0.01	0.72	3.83	180.5	30	0.97	5.83	1.46	0.56	59.0	3.8	209	3.36	29.9
Q013514		0.15	<0.01	0.82	0.18	10.2	<10	0.18	6.69	4.45	0.09	6.82	108.5	27	0.40	1660
Q013515		0.10	0.05	0.18	1.97	7.8	130	1.78	126.0	0.12	0.13	14.00	1.1	48	1.87	20.2
Q013516		0.15	0.03	0.45	3.69	4.8	20	1.19	4.85	6.69	0.17	66.4	117.0	71	0.63	1025
Q013517		0.14	0.01	1.69	0.41	7.7	170	0.17	185.0	4.00	0.10	13.90	0.8	71	0.38	105.5
Q013518		0.12	<0.01	0.08	11.50	9.3	30	6.61	1.28	0.32	0.07	10.85	15.8	96	0.07	71.5
Q013519		0.36	<0.01	0.33	9.95	3.3	690	9.36	7.36	1.68	0.18	348	7.5	94	12.65	81.9
Q013520		0.30	<0.01	0.67	8.97	10.6	230	3.86	0.96	4.59	0.94	20.3	9.7	150	4.37	134.5
Q013521		0.26	0.25	0.23	3.72	3.1	240	2.81	1210	6.44	0.06	39.9	1.2	93	4.04	36.4
Q013522		0.23	0.01	0.13	0.54	<5	10	1.78	8.72	12.10	0.07	6.27	6.9	26	0.42	111.5
Q013523		0.39	0.43	1.82	2.46	1.5	110	2.11	1875	0.39	0.04	18.00	0.6	169	3.02	28.3

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

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Project: RAV

CERTIFICATE OF ANALYSIS WH13137046

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q007634		5.14	21.5	0.14	0.8	0.06	0.163	0.33	8.8	14.9	3.02	974	0.93	4.11	11.5	27.9
Q007635		6.23	22.0	0.21	1.0	0.10	0.278	0.19	57.8	15.7	4.04	1140	4.54	2.64	32.7	33.2
Q007636		0.45	2.46	<0.05	0.3	0.03	0.057	0.43	7.2	3.7	1.43	889	8.84	0.03	1.5	28.6
Q007637		1.60	3.33	<0.05	0.6	0.04	0.138	0.55	15.2	4.2	2.54	2570	29.7	0.02	3.2	72.7
Q007638		15.10	4.45	0.47	1.4	0.11	0.182	0.87	18.8	5.4	0.31	949	541	0.02	3.2	556
Q007639		13.25	4.39	0.48	0.7	<0.1	0.246	0.81	21.7	4.8	0.44	747	376	0.01	2.6	545
Q007640		16.60	6.57	0.96	2.7	0.02	0.085	1.34	22.0	7.7	0.37	955	382	0.02	5.3	731
Q007641		0.91	1.26	<0.05	0.3	0.01	0.343	0.18	12.1	1.6	1.71	2870	22.1	0.01	1.7	86.2
Q007642		0.50	1.62	<0.05	0.2	0.02	0.068	0.32	9.2	4.9	3.96	812	9.04	0.01	0.9	28.1
Q007643		1.57	2.30	<0.05	0.3	0.04	0.057	0.44	5.8	6.7	6.48	712	18.80	0.01	0.8	56.5
Q007644		6.31	16.35	0.16	0.7	<0.01	0.044	1.03	4.6	26.3	1.57	379	7.16	0.18	6.9	95.8
Q007645		9.11	27.3	0.42	4.5	<0.01	0.288	0.39	106.5	15.3	3.77	1400	3.32	0.39	39.3	12.8
Q007646		1.26	0.46	<0.05	<0.1	<0.01	0.180	0.01	1.6	0.7	0.02	573	1.69	<0.01	<0.1	14.9
Q007647		3.77	16.70	0.06	0.8	<0.01	0.212	0.22	11.2	7.2	2.30	1560	42.1	0.77	6.8	42.2
Q007648		14.50	11.15	0.45	3.5	<0.01	0.371	0.16	4.6	1.6	2.65	1420	29.6	0.09	15.4	3.7
Q007649		1.17	0.38	<0.05	<0.1	<0.01	0.026	0.02	<0.5	2.2	0.03	262	1.59	0.01	0.2	5.6
Q007650		8.45	37.2	0.17	1.7	<0.01	0.546	3.44	10.5	126.5	1.57	563	295	0.07	7.3	8.4
Q013501		6.95	14.25	0.09	1.8	<0.01	0.507	1.05	0.5	34.1	0.32	536	6.97	0.01	2.3	16.3
Q013502		5.42	29.2	0.27	2.1	<0.01	0.086	1.51	66.8	36.6	1.34	360	21.9	0.94	14.0	63.6
Q013503		2.36	4.31	0.12	1.0	<0.01	0.033	0.62	13.6	3.6	0.08	178	1.61	0.04	6.1	3.3
Q013504		5.50	20.4	0.15	2.2	<0.1	0.450	1.67	5.0	26.5	0.27	392	67.4	0.06	3.7	7.3
Q013505		6.89	12.25	0.23	0.6	0.02	0.144	0.03	4.1	4.0	0.48	529	39.9	0.06	5.7	26.4
Q013506		2.72	0.43	0.09	<0.1	<0.1	0.129	0.03	0.5	4.3	0.01	114	1.59	<0.01	0.2	3.9
Q013507		5.59	19.95	0.16	0.8	<0.01	0.293	0.04	8.7	1.5	2.07	1280	1.55	0.04	12.9	3.6
Q013508		15.85	9.07	1.11	1.2	<0.01	0.318	0.05	5.1	2.3	1.09	1160	5.95	0.07	3.2	1.7
Q013509		24.6	6.85	0.93	1.2	<0.01	0.505	0.02	5.3	3.5	3.05	2680	26.0	0.07	2.4	46.9
Q013510		22.9	8.88	0.85	1.6	<0.01	0.452	0.03	7.2	1.6	1.31	1100	7.39	0.06	6.7	93.7
Q013511		9.41	17.15	0.30	1.6	<0.1	0.207	0.22	11.2	10.2	2.28	2450	201	1.20	11.8	60.6
Q013512		5.95	36.6	0.25	2.9	<0.01	0.469	3.08	12.3	52.5	0.58	237	168.0	0.07	12.0	6.0
Q013513		17.55	13.70	0.40	1.7	<0.01	0.232	0.06	26.8	20.4	1.55	1090	3.98	0.02	10.2	4.5
Q013514		42.9	1.87	1.70	0.1	<0.01	0.287	0.02	3.5	2.4	0.84	1420	6.55	0.02	2.2	143.5
Q013515		2.78	11.75	0.12	0.7	<0.01	0.135	0.97	7.9	17.9	0.14	138	1.83	0.02	2.6	2.5
Q013516		17.15	12.95	0.84	1.0	<0.01	0.223	0.04	38.9	3.6	1.46	1320	86.3	0.45	9.0	234
Q013517		34.3	2.15	0.95	0.3	<0.01	0.073	0.15	9.0	0.5	0.14	43	5.88	0.04	1.9	1.7
Q013518		8.13	63.0	0.21	1.3	<0.01	0.795	0.06	5.2	10.7	1.50	723	2.30	1.31	2.2	86.5
Q013519		5.66	49.5	0.49	2.3	<0.1	0.799	5.61	174.0	80.4	0.64	3870	48.0	0.12	8.1	144.0
Q013520		2.89	37.9	0.15	3.3	<0.1	0.116	0.69	10.7	33.1	0.69	236	7.38	2.87	13.9	37.2
Q013521		6.92	24.5	0.36	4.2	<0.1	0.265	1.97	17.1	27.3	0.17	122	12.30	0.05	8.8	2.9
Q013522		12.75	7.89	0.28	0.6	<0.01	0.861	0.08	3.0	4.1	4.72	4400	2.84	0.11	2.4	3.6
Q013523		5.25	18.15	0.22	2.0	<0.1	0.202	1.26	10.2	27.4	0.26	68	13.35	0.05	2.3	1.4

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

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

Project: RAV

CERTIFICATE OF ANALYSIS WH13137046

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
Q007634		560	80.6	5.9	<0.002	0.03	1.46	19.7	3	1.9	488	0.58	<0.05	1.3	0.690	0.08
Q007635		2060	826	19.0	0.002	0.30	9.99	28.5	3	24.4	643	1.23	0.07	7.2	0.684	0.46
Q007636		200	8.5	24.8	<0.002	0.06	1.69	2.0	2	24.8	460	0.07	<0.05	1.2	0.036	0.81
Q007637		350	32.2	31.0	0.002	0.08	3.50	3.6	3	37.9	237	0.14	0.05	1.9	0.047	0.78
Q007638		1330	40.0	46.1	0.006	0.05	20.8	2.4	52	80.7	37.9	0.20	0.51	4.6	0.071	2.69
Q007639		1160	28.6	42.3	0.008	0.22	10.50	3.0	52	52.2	25.0	0.13	0.24	4.1	0.063	1.80
Q007640		300	51.9	68.1	0.010	0.13	16.50	3.7	192	38.4	68.1	0.37	0.36	38.6	0.108	4.00
Q007641		200	6.1	10.2	0.005	0.05	2.03	1.9	4	6.1	699	0.07	<0.05	0.9	0.019	1.27
Q007642		340	12.3	22.5	0.005	0.07	1.37	1.9	3	6.4	465	<0.05	0.05	1.0	0.018	1.02
Q007643		170	6.9	24.4	0.004	0.18	3.14	2.3	7	37.1	315	<0.05	0.07	1.0	0.029	0.83
Q007644		1230	8.9	237	0.020	1.83	0.33	9.5	14	11.1	69.5	0.49	0.71	4.6	0.224	1.63
Q007645		7050	9.6	72.1	0.014	0.81	0.26	31.2	42	26.7	212	1.79	0.18	30.2	0.777	0.37
Q007646		40	4.0	2.2	<0.002	0.05	0.34	0.2	1	0.4	1.9	<0.05	0.53	0.3	<0.005	0.05
Q007647		840	6.7	46.1	0.068	0.31	0.20	13.1	4	4.7	104.5	0.43	0.24	3.1	0.202	0.54
Q007648		6380	3.3	7.1	0.011	0.69	0.48	8.0	62	6.8	85.0	0.70	0.45	1.4	0.160	0.14
Q007649		50	2.4	2.3	<0.002	0.02	1.03	0.2	1	0.7	2.4	<0.05	<0.05	<0.2	<0.005	0.03
Q007650		1660	5.1	660	0.204	0.25	0.29	10.7	15	36.1	15.6	0.32	0.74	2.9	0.158	3.00
Q013501		90	4.3	206	0.019	1.75	0.82	3.5	17	21.2	1.3	0.13	1.16	0.3	0.081	0.80
Q013502		1630	6.5	288	0.011	1.51	0.15	14.1	7	31.0	136.5	0.97	0.09	10.4	0.432	1.55
Q013503		260	4.9	87.6	<0.002	0.07	0.35	3.1	5	13.5	12.6	0.38	0.13	3.5	0.168	0.57
Q013504		2470	5.5	244	0.103	0.45	1.83	8.3	8	28.4	10.2	0.30	2.58	2.8	0.092	1.00
Q013505		640	6.1	4.1	0.015	0.15	1.41	2.5	23	6.6	65.1	0.38	0.17	2.3	0.172	0.16
Q013506		30	15.4	4.6	0.003	0.09	1.76	0.2	7	0.9	0.8	<0.05	6.80	<0.2	<0.005	0.09
Q013507		2590	4.4	1.9	0.002	0.90	0.81	14.7	6	41.6	215	0.64	0.85	2.5	0.241	0.29
Q013508		1020	7.3	5.4	0.021	0.58	0.23	4.0	238	2.5	46.3	0.20	0.86	2.5	0.049	0.18
Q013509		1430	4.7	1.2	0.151	>10.0	0.42	2.5	132	2.5	52.8	0.41	0.59	0.7	0.029	0.11
Q013510		190	3.6	1.4	0.076	>10.0	0.79	4.7	137	5.8	85.4	0.27	0.48	1.0	0.087	0.08
Q013511		4190	10.0	21.2	0.354	2.47	0.14	14.6	19	8.8	344	0.66	0.28	3.7	0.359	0.15
Q013512		1330	3.7	490	0.281	0.57	0.39	12.9	23	78.9	13.3	0.80	0.43	3.0	0.309	2.14
Q013513		7710	6.7	11.9	0.007	0.68	0.49	19.7	4	59.8	30.1	0.52	0.86	15.4	0.243	0.88
Q013514		5200	2.1	2.7	0.145	>10.0	0.08	2.6	235	1.4	13.0	0.05	1.45	0.4	0.022	0.05
Q013515		760	3.4	126.0	0.008	0.35	0.66	4.7	7	19.1	3.9	0.13	0.50	1.5	0.060	0.57
Q013516		2360	3.8	4.2	0.134	>10.0	0.09	7.2	126	6.6	207	0.57	0.61	4.0	0.285	0.11
Q013517		>10000	6.6	10.0	0.011	2.28	0.43	2.3	81	2.5	92.9	0.07	1.30	0.9	0.029	0.14
Q013518		1930	3.4	0.8	<0.002	0.07	0.17	18.1	2	62.4	150.0	0.20	<0.05	6.4	0.260	0.03
Q013519		1410	10.9	670	0.062	1.35	0.50	25.9	5	71.9	14.7	0.45	<0.05	12.0	0.243	3.31
Q013520		380	49.5	80.8	0.042	1.01	0.80	25.4	8	5.6	301	1.01	<0.05	5.6	0.421	0.64
Q013521		>10000	9.4	261	0.029	0.66	2.91	9.0	31	35.3	50.8	0.55	5.22	2.1	0.125	1.27
Q013522		4160	3.7	3.1	0.011	0.19	0.12	3.7	9	6.4	16.5	0.16	0.07	0.5	0.034	0.10
Q013523		3810	16.3	207	0.026	0.44	4.94	5.8	26	30.2	11.7	0.15	6.39	1.2	0.066	0.81

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Finalized Date: 14- AUG- 2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13137046

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-XRF05
	Analyte	U	V	W	Y	Zn	Zr	W
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5	10
Q007634		0.4	119	0.3	13.7	178	19.8	
Q007635		1.5	177	3.8	24.9	178	38.0	
Q007636		1.2	336	0.5	31.1	60	16.5	
Q007637		3.4	502	1.4	33.1	120	34.6	
Q007638		44.6	868	1.4	13.0	549	52.3	
Q007639		31.3	747	1.2	23.2	265	43.8	
Q007640		43.0	1350	1.8	33.4	1040	97.7	
Q007641		67.0	160	0.4	43.3	144	20.0	
Q007642		2.9	327	0.3	20.9	54	9.9	
Q007643		5.1	386	0.3	13.0	313	17.2	
Q007644		3.6	94	7.1	28.2	82	26.2	
Q007645		20.4	1880	6.0	141.0	89	133.0	
Q007646		0.1	5	94.7	1.0	19	<0.5	
Q007647		3.1	192	1450	19.3	75	28.5	
Q007648		7.6	256	386	17.0	73	152.5	
Q007649		0.2	5	14.0	0.5	7	1.3	
Q007650		3.6	310	4340	5.6	63	78.2	
Q013501		1.8	137	62.4	2.4	14	61.0	
Q013502		5.9	106	68.5	31.0	47	74.1	
Q013503		1.4	54	3.5	9.1	6	33.5	
Q013504		4.3	305	14.5	7.0	10	88.4	
Q013505		2.0	51	1210	11.4	19	19.5	
Q013506		0.1	3	314	1.0	5	0.5	
Q013507		1.1	749	30.9	34.0	56	25.8	
Q013508		1.7	155	960	6.0	53	49.6	
Q013509		2.7	263	421	8.4	105	44.0	
Q013510		3.6	168	159.5	11.2	49	77.0	
Q013511		17.5	309	6.8	42.9	94	60.6	
Q013512		4.9	697	50.2	6.6	20	134.5	
Q013513		2.4	1240	3.0	34.3	160	62.8	
Q013514		3.1	134	9.3	13.7	69	4.4	
Q013515		1.7	119	19.4	2.3	19	36.1	
Q013516		5.7	259	103.0	27.9	68	33.5	
Q013517		5.3	124	7.9	39.4	11	14.3	
Q013518		5.4	360	5.9	5.9	68	51.1	
Q013519		9.8	160	24.6	22.2	46	79.6	
Q013520		4.6	221	5.3	17.9	110	109.5	
Q013521		12.6	170	2600	80.6	9	261	
Q013522		1.7	271	610	9.1	158	25.4	
Q013523		5.0	173	13.3	5.9	7	122.0	

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Finalized Date: 14-AUG-2013
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CERTIFICATE OF ANALYSIS WH13137046

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
Q013524		0.17	0.02	0.34	5.58	4.9	20	7.07	23.3	9.03	0.07	15.55	3.6	101	1.27	314
Q013525		0.22	0.03	0.56	0.45	<5	<10	2.71	19.25	12.20	0.20	4.90	5.7	29	0.84	52.0
Q013526		0.27	<0.01	1.19	0.51	19.0	10	0.71	16.40	9.53	0.16	15.40	3.7	51	1.06	429
Q013527		0.30	<0.01	0.36	8.25	5.6	570	7.32	3.50	0.82	0.24	15.75	5.8	163	9.56	358
Q013528		0.22	0.54	0.60	0.80	0.4	10	7.83	434	8.64	0.08	1.76	4.9	30	0.32	110.0
Q013529		0.22	0.19	1.25	0.12	9100	10	0.12	403	0.08	0.12	1.76	311	24	0.38	188.5
Q013530		0.55	1.51	0.65	2.00	19.2	250	1.15	508	0.19	0.16	18.95	99.0	28	27.1	1555
Q013531		0.23	0.01	2.76	5.60	39.8	30	1.48	15.00	0.14	0.12	27.5	11.1	78	1.41	299
Q013532		0.18	0.02	0.45	0.29	10.6	220	0.27	13.00	0.34	0.10	2.59	2.8	66	0.44	59.2
Q013533		0.19	<0.01	0.12	0.40	7	120	0.24	0.83	13.05	2.16	16.00	0.9	17	0.38	76.8
Q013534		0.17	0.02	0.12	0.33	<5	100	0.25	0.67	14.30	1.24	5.40	1.3	21	0.39	95.5
Q013535		0.15	<0.01	0.11	0.17	6.8	60	0.12	0.61	8.12	0.52	3.55	0.7	19	0.40	87.3
Q013536		0.25	<0.01	0.08	0.45	<5	130	0.32	0.08	13.55	0.75	6.41	1.0	16	0.70	141.5
Q013537		0.14	<0.01	0.31	0.62	128.5	300	1.00	1.14	1.02	2.47	9.57	2.3	47	0.83	137.0
Q013538		0.25	<0.01	0.40	0.76	126.0	140	0.95	0.10	0.93	2.70	20.1	5.6	369	0.61	515
Q013539		0.22	<0.01	0.39	1.04	144.0	230	2.58	0.15	0.42	2.6	55.9	11.4	459	0.73	495
Q013540		0.30	<0.01	0.12	0.56	16.9	140	1.77	0.05	9.78	7.57	6.68	16.0	27	0.72	269
Q013541		0.10	<0.01	0.11	0.91	13.5	200	0.80	0.17	9.59	6.54	5.09	2.2	29	1.15	39.9
Q013542		0.19	<0.01	0.09	0.74	16	150	0.67	0.08	11.55	10.75	4.85	4.1	18	1.21	90.9
Q013543		0.27	<0.01	0.18	0.98	116.5	550	0.67	6.53	0.22	0.62	3.46	0.8	35	0.95	18.9
Q013544		0.16	<0.01	0.37	1.63	174.5	810	1.27	2.71	0.32	18.85	15.10	2.1	111	8.04	71.5
Q013545		0.24	0.01	0.17	0.31	5	110	1.03	0.09	12.30	15.55	5.35	6.0	22	1.21	47.6
Q013546		0.19	<0.01	0.38	1.17	60.9	460	1.86	0.23	4.45	28.8	18.55	20.9	57	2.44	181.5
Q013547		0.07	0.01	0.57	1.09	67.0	1340	0.46	39.6	0.81	1.63	11.20	6.6	46	1.29	92.7
Q013548		0.47	<0.01	0.58	0.56	3.3	200	0.47	0.70	0.03	0.12	8.68	0.3	44	0.53	11.1
Q013549		0.07	0.14	0.87	5.95	271	2050	3.79	14.95	0.29	0.07	48.2	3.5	79	6.27	128.0
Q013550		0.22	<0.01	0.06	0.31	6	90	0.18	0.06	31.4	0.19	6.92	1.2	8	0.40	10.5
Q007748		0.28	<0.01	0.13	0.63	7.7	550	0.24	0.13	4.73	0.21	7.33	3.2	20	0.44	12.1
Q007749		0.33	<0.01	0.02	0.01	<5	40	<0.05	<0.01	20.2	0.18	0.31	1.0	1	<0.05	1.3
Q007750		0.28	<0.01	0.02	0.01	<5	20	0.05	<0.01	20.5	0.12	0.46	1.0	1	<0.05	2.0
L840751		0.30	0.03	1.48	3.30	97	1050	1.29	12.40	10.95	2.61	36.1	12.5	66	7.89	44.7
L840752		0.12	0.01	1.33	3.26	83	900	1.14	10.45	11.85	2.41	36.5	10.6	53	6.74	41.5
L840753		0.35	<0.01	1.15	2.13	51.5	1830	0.71	2.40	0.87	0.39	35.8	3.2	82	6.51	47.0
L840754		0.09	<0.01	0.56	6.99	10.9	2340	0.81	0.93	3.19	0.59	40.0	35.7	26	12.20	37.5
L840755		0.10	<0.01	0.15	1.49	<5	240	0.47	0.23	12.30	0.58	37.9	4.8	9	1.15	10.1
L840756		0.09	<0.01	0.01	6.64	1.4	1870	32.2	0.64	3.85	0.12	105.5	45.7	302	395	74.3
L840757		0.25	<0.01	0.67	4.29	30.4	980	1.64	3.20	9.22	1.06	43.5	18.7	114	14.25	38.4
L840758		0.15	<0.01	0.01	5.07	7	1040	1.44	0.08	15.40	0.10	112.0	40.9	56	7.99	41.9
L840759		0.37	<0.01	<0.01	4.84	<5	620	1.03	0.03	15.10	0.08	107.5	36.9	50	3.02	37.7
L840760		0.27	<0.01	0.09	1.56	<5	430	0.33	0.05	18.40	0.16	45.9	24.2	16	1.11	17.8

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

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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Finalized Date: 14-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13137046

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q013524		10.55	28.6	0.33	2.7	0.4	0.453	0.14	7.3	3.4	1.87	1770	6.03	0.43	13.7	3.8
Q013525		12.80	6.11	0.37	0.5	0.1	0.517	0.04	2.6	5.0	5.71	3350	10.80	0.08	2.6	2.1
Q013526		26.0	4.65	0.54	0.4	0.14	6.07	0.28	11.2	3.0	1.98	37800	23.5	0.01	2.1	20.8
Q013527		9.63	43.7	0.23	1.8	0.05	1.945	4.40	9.0	43.7	0.75	11250	1.01	0.09	5.6	25.2
Q013528		14.20	15.40	0.39	0.4	<0.1	1.315	0.17	0.8	2.9	5.06	3940	8.84	0.17	1.8	2.1
Q013529		5.44	0.83	0.16	<0.1	<0.1	0.552	0.05	0.9	3.5	0.06	1300	11.45	0.01	0.3	51.8
Q013530		18.35	15.30	0.54	1.0	<1	0.126	1.77	8.8	56.5	1.46	292	23.7	0.02	5.2	150.5
Q013531		4.33	7.77	0.39	0.8	0.01	0.012	0.17	15.6	41.3	2.30	118	18.05	0.70	2.0	28.7
Q013532		1.02	1.28	0.08	0.1	0.01	0.079	0.12	3.0	2.0	0.07	92	2.20	0.01	0.5	7.3
Q013533		0.53	1.12	0.09	0.3	0.10	0.106	0.19	9.8	1.5	0.30	482	8.42	0.01	1.4	31.5
Q013534		0.50	0.97	0.07	0.2	0.07	0.136	0.17	3.5	1.8	0.30	417	10.35	<0.01	1.0	35.6
Q013535		0.32	0.52	0.05	0.1	0.03	0.119	0.08	1.9	1.6	0.20	337	2.23	0.01	1.0	12.8
Q013536		0.34	1.27	0.07	0.2	0.04	0.287	0.23	3.6	3.1	0.48	541	5.64	0.01	1.2	24.5
Q013537		2.67	2.00	0.17	0.2	0.32	0.120	0.26	7.4	5.9	0.08	112	63.7	0.01	2.0	83.3
Q013538		15.10	2.77	0.39	0.5	0.09	0.756	0.18	12.1	3.6	0.17	98	380	0.02	1.7	358
Q013539		17.45	3.23	0.46	0.6	0.09	1.150	0.22	21.5	2.8	0.16	295	410	0.02	2.4	371
Q013540		1.04	1.24	0.14	0.3	0.05	0.010	0.21	23.7	3.6	5.43	616	21.2	0.02	1.4	123.5
Q013541		1.30	1.88	0.09	0.3	0.03	0.024	0.37	8.5	5.0	5.50	754	33.0	0.02	1.1	98.5
Q013542		1.23	1.63	0.08	0.2	0.09	0.064	0.28	3.9	6.6	7.12	849	30.3	0.02	0.7	113.0
Q013543		1.38	2.29	0.08	0.5	0.09	0.007	0.39	2.8	6.5	0.15	46	164.5	0.01	2.3	55.2
Q013544		5.90	4.96	0.22	0.9	0.15	0.087	0.74	13.8	5.4	0.24	94	115.5	0.01	3.2	141.5
Q013545		0.50	1.21	0.06	0.3	0.14	0.015	0.14	4.4	3.1	6.18	716	10.55	0.01	1.1	79.6
Q013546		2.56	4.10	0.16	0.6	0.60	0.127	0.51	14.2	6.3	2.38	741	40.1	0.02	2.3	232
Q013547		13.30	3.62	0.34	0.5	0.04	0.016	0.68	7.0	6.5	0.53	213	12.95	0.08	2.4	46.8
Q013548		0.47	2.86	<0.05	0.5	0.10	0.008	0.20	8.2	11.8	0.10	48	1.99	0.02	2.1	6.7
Q013549		13.70	15.25	0.53	5.0	0.07	0.053	3.17	33.2	19.9	0.49	687	258	0.04	6.5	293
Q013550		0.33	0.87	0.05	0.2	0.01	0.028	0.16	3.8	1.3	0.49	910	6.90	<0.01	1.0	19.9
Q007748		2.81	2.42	0.08	0.3	0.02	0.028	0.27	4.7	6.2	1.69	1220	1.25	0.02	1.5	14.1
Q007749		0.10	0.09	<0.05	<0.1	<0.01	<0.005	<0.01	<0.5	0.2	13.10	238	0.12	<0.01	0.2	1.4
Q007750		0.10	0.12	0.06	<0.1	<0.1	<0.005	<0.01	<0.5	0.4	13.35	162	0.12	<0.01	0.2	1.8
L840751		4.19	10.05	0.14	1.2	0.07	0.363	1.03	19.9	22.2	4.93	1840	7.71	0.36	10.7	54.2
L840752		3.81	9.69	0.12	1.2	0.05	0.247	1.29	19.6	25.2	5.93	1660	6.13	0.31	9.0	46.2
L840753		2.21	8.52	0.15	1.1	0.05	0.038	1.34	24.9	15.7	1.03	116	15.05	0.06	5.5	26.2
L840754		3.47	21.2	0.15	1.7	0.03	0.023	1.04	20.6	32.9	3.37	417	2.38	2.45	20.7	43.9
L840755		4.80	4.15	0.15	0.7	0.02	0.064	0.71	16.1	2.7	5.46	1980	2.17	0.03	2.2	10.2
L840756		6.03	18.35	0.28	1.7	0.01	0.074	5.70	58.1	124.5	9.96	744	0.62	0.19	77.5	259
L840757		3.74	13.10	0.14	1.3	0.1	0.089	1.19	23.4	27.8	4.07	906	2.49	0.60	16.8	77.1
L840758		4.26	15.05	0.20	1.1	0.03	0.066	2.24	58.6	20.6	1.65	970	1.44	0.27	49.2	77.6
L840759		3.68	14.40	0.19	1.2	<0.1	0.064	2.18	55.4	17.9	1.34	848	1.49	0.25	48.1	70.8
L840760		9.33	4.51	0.20	1.1	0.1	0.025	0.72	28.0	6.9	4.70	1360	1.30	0.03	13.9	34.8

***** 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: 14-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13137046

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
Q013524		8210	8.3	16.7	0.015	0.40	0.62	9.6	36	7.9	268	0.66	0.33	1.8	0.149	0.20
Q013525		380	7.0	2.8	0.018	0.29	0.22	5.5	43	3.2	9.3	0.15	0.36	0.4	0.052	0.03
Q013526		>10000	14.7	37.5	0.046	0.65	0.48	2.6	4	47.6	85.8	0.10	0.12	0.7	0.023	0.16
Q013527		2700	18.9	530	0.005	0.15	0.24	10.4	2	66.1	16.8	0.30	<0.05	2.3	0.162	2.48
Q013528		510	2.7	4.5	0.035	0.26	0.10	2.3	33	10.5	5.7	0.08	5.88	0.4	0.032	0.04
Q013529		40	12.0	8.1	0.003	1.09	4.32	0.7	11	2.1	2.0	<0.05	13.65	<0.2	0.005	0.12
Q013530		560	6.6	460	0.067	>10.0	0.69	7.5	41	6.1	3.1	0.31	28.6	1.4	0.140	2.31
Q013531		3380	18.8	27.3	0.002	0.39	1.06	13.9	71	0.3	147.5	0.21	0.82	2.1	0.157	0.38
Q013532		1520	7.2	10.1	0.002	0.30	0.62	2.2	5	24.0	22.4	<0.05	0.54	0.5	0.016	0.20
Q013533		70	2.9	10.6	<0.002	0.09	1.69	1.3	7	52.9	265	0.18	<0.05	1.1	0.012	0.28
Q013534		80	3.1	9.2	0.005	0.13	2.66	1.3	4	45.1	313	0.05	<0.05	0.6	0.015	0.34
Q013535		30	2.8	5.1	<0.002	0.03	2.19	0.7	2	9.7	142.5	0.07	<0.05	0.3	0.010	0.19
Q013536		120	2.1	13.5	0.002	0.05	1.53	1.6	4	54.0	261	0.17	<0.05	0.4	0.018	0.48
Q013537		930	13.6	15.8	0.004	0.05	9.13	2.5	19	3.4	23.9	0.08	0.07	1.7	0.046	1.03
Q013538		4580	16.8	12.5	0.007	0.04	9.49	3.9	20	3.5	40.1	0.11	0.21	25.9	0.028	1.53
Q013539		5930	11.1	16.6	0.007	0.05	14.55	4.2	29	1.7	31.2	0.16	0.17	22.9	0.044	1.70
Q013540		2360	4.5	17.1	0.003	0.05	2.53	2.4	4	1.4	229	0.08	0.07	1.4	0.039	1.75
Q013541		1160	3.8	31.3	0.003	0.05	2.49	2.7	4	9.4	213	0.07	0.05	1.3	0.030	2.09
Q013542		410	2.5	27.4	0.003	0.04	3.19	1.5	5	26.1	251	<0.05	<0.05	0.8	0.017	1.86
Q013543		210	6.5	20.6	0.002	0.02	6.06	2.2	7	8.5	11.3	0.13	0.28	1.1	0.054	2.42
Q013544		3160	6.1	39.1	0.004	0.10	14.10	3.8	20	4.3	52.8	0.20	0.14	5.3	0.095	2.86
Q013545		430	3.1	15.2	0.003	0.07	3.05	4.3	4	1.0	230	0.07	<0.05	0.7	0.032	1.25
Q013546		1910	7.0	34.9	0.005	0.08	8.21	6.0	14	7.0	91.0	0.15	0.07	2.2	0.065	3.50
Q013547		1140	19.5	39.4	0.002	0.48	3.65	2.0	33	1.7	47.4	0.15	0.88	1.5	0.069	0.81
Q013548		40	1.5	11.4	<0.002	0.01	1.27	3.4	1	17.7	16.8	0.13	<0.05	1.1	0.066	0.44
Q013549		790	45.0	160.5	0.010	0.05	22.3	4.9	73	75.1	18.5	0.34	0.45	16.8	0.182	6.37
Q013550		80	1.9	9.3	<0.002	0.02	0.79	0.8	3	10.2	686	<0.05	<0.05	0.5	0.014	0.30
Q007748		100	4.8	10.0	<0.002	0.01	1.84	2.5	1	1.6	216	0.09	<0.05	1.0	0.025	0.07
Q007749		110	2.7	0.2	<0.002	<0.01	0.13	0.1	1	<0.2	35.9	<0.05	<0.05	<0.2	<0.005	<0.02
Q007750		70	1.4	0.3	<0.002	<0.01	0.13	0.1	1	<0.2	37.5	<0.05	<0.05	<0.2	<0.005	<0.02
L840751		640	75.1	88.6	<0.002	0.11	3.42	8.0	2	9.2	125.0	0.84	0.07	4.1	0.292	1.06
L840752		600	64.8	81.8	<0.002	0.10	3.12	7.1	2	9.0	108.0	0.74	0.06	4.4	0.256	0.96
L840753		780	13.4	73.9	0.004	0.48	4.05	6.7	12	1.6	44.4	0.40	0.11	4.4	0.184	3.99
L840754		1380	18.0	63.3	0.004	1.22	2.54	16.3	2	4.0	310	1.05	0.10	3.4	0.776	2.55
L840755		150	8.9	27.9	<0.002	0.04	1.41	2.1	2	0.7	154.5	0.16	<0.05	1.7	0.071	0.36
L840756		2300	1.7	1040	<0.002	0.68	0.17	24.1	2	52.3	66.6	4.67	0.08	7.7	1.115	6.74
L840757		990	34.5	113.0	<0.002	0.03	1.85	10.4	2	8.7	162.5	1.79	0.05	4.5	0.476	1.18
L840758		1800	5.3	63.4	<0.002	2.11	0.22	12.8	2	2.1	149.5	2.96	<0.05	5.5	0.958	0.28
L840759		1750	4.9	47.1	<0.002	3.36	0.20	12.0	2	1.5	147.5	3.00	<0.05	5.3	0.930	0.19
L840760		590	6.0	15.8	<0.002	4.10	0.20	3.8	1	0.5	125.5	0.92	<0.05	1.8	0.283	0.08

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Project: RAV

CERTIFICATE OF ANALYSIS WH13137046

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-XRF05
	Analyte	U	V	W	Y	Zn	Zr	W
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5	10
Q013524		7.0	277	590	35.7	79	129.5	
Q013525		1.2	458	35.2	5.3	147	22.8	
Q013526		9.8	136	13.9	33.5	46	17.0	
Q013527		3.3	160	16.7	18.0	81	61.0	
Q013528		0.6	182	47.9	5.2	160	11.7	
Q013529		0.2	5	21.8	3.6	13	1.2	
Q013530		3.9	422	710	6.2	46	45.3	
Q013531		8.1	95	6.3	5.8	33	32.9	
Q013532		1.4	104	12.3	6.0	8	9.3	
Q013533		2.1	112	0.4	22.3	276	14.3	
Q013534		1.5	182	1.5	19.9	109	10.0	
Q013535		0.6	73	0.3	13.0	57	4.9	
Q013536		1.1	189	0.1	24.9	70	12.2	
Q013537		8.2	689	1.5	9.8	523	26.2	
Q013538		51.7	529	0.9	41.4	1040	36.1	
Q013539		114.5	514	1.6	56.9	1040	51.4	
Q013540		5.7	380	0.4	62.0	241	21.3	
Q013541		9.0	485	0.3	28.9	315	25.8	
Q013542		7.3	386	0.4	27.0	538	20.6	
Q013543		3.2	617	2.0	5.3	198	28.7	
Q013544		32.7	1660	2.2	13.6	1580	42.0	
Q013545		2.7	1100	0.1	15.2	540	25.5	
Q013546		10.9	1620	0.5	33.0	1820	42.4	
Q013547		3.3	469	1.6	8.6	79	25.1	
Q013548		2.1	826	0.4	3.8	19	22.1	
Q013549		39.7	2870	2.8	11.6	405	170.0	
Q013550		1.4	110	<0.1	32.1	19	8.0	
Q007748		0.5	35	<0.1	4.8	24	11.9	
Q007749		0.2	2	<0.1	0.6	41	<0.5	
Q007750		0.2	2	<0.1	0.8	22	0.6	
L840751		2.4	185	19.5	13.9	496	49.1	
L840752		2.4	138	18.2	13.4	441	45.4	
L840753		5.1	581	1.1	25.1	43	38.9	
L840754		2.0	126	2.8	13.6	77	65.8	
L840755		0.6	16	1.7	26.0	52	21.2	
L840756		1.8	179	6.1	24.8	158	56.7	
L840757		1.6	140	24.7	16.0	190	52.2	
L840758		0.9	136	1.2	18.7	59	51.9	
L840759		0.8	134	0.9	16.9	51	52.0	
L840760		0.7	42	0.3	10.8	53	48.1	

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

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
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Finalized Date: 14-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13137046

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
L840761		0.10	<0.01	0.09	1.28	<5	390	0.30	0.01	19.90	0.16	40.3	15.9	13	1.12	15.9
L840762		0.33	<0.01	0.08	1.71	5	500	0.41	0.01	17.65	0.16	42.2	18.2	17	1.20	14.4
L840763		0.30	<0.01	0.52	0.05	14.5	220	<0.05	6.37	0.13	0.10	>500	0.4	19	0.07	3.2
L840764		0.29	0.02	0.87	7.65	23.3	1640	4.15	6.70	8.12	1.06	59.1	10.9	75	3.37	32.1
L840765		0.26	0.01	0.12	0.05	25.9	20	<0.05	0.20	0.15	0.03	10.00	0.4	24	0.32	12.7
L840766		0.15	<0.01	0.14	0.05	17.5	10	<0.05	0.66	0.02	0.02	31.2	0.5	34	0.27	6.7
L840767		0.43	<0.01	0.25	0.07	30.7	20	0.06	9.94	0.05	0.03	0.62	0.4	34	0.39	8.9
L840768		0.08	<0.01	0.95	0.28	63.9	30	0.37	1.34	0.03	0.05	4.46	3.9	20	0.36	166.0
L840769		0.28	<0.01	0.13	1.01	57.0	40	0.69	1.09	0.02	<0.02	410	0.5	61	6.56	144.0
L840770		0.08	0.01	0.55	0.63	60.7	190	0.44	2.74	0.03	0.04	487	0.8	46	5.78	62.8
L840771		0.08	<0.01	0.46	1.17	12.2	90	0.60	1.11	0.05	0.02	26.7	0.6	28	2.40	32.4
L840772		0.34	<0.01	0.05	0.26	13.1	30	0.35	4.96	0.03	<0.02	3.85	1.3	23	0.58	32.3
L840773		0.15	0.01	0.31	1.05	2.4	50	0.46	3.17	8.07	0.03	19.80	2.0	278	0.70	1030
L840774		0.19	0.01	0.51	8.36	2.3	650	2.31	4.47	9.42	0.23	133.0	6.4	1170	5.94	202
L840775		0.14	<0.01	0.16	0.79	<5	60	0.43	1.56	10.40	0.02	75.6	1.2	323	0.62	486
L840776		0.11	0.02	0.21	1.29	8	20	0.41	4.26	19.20	0.03	57.2	0.8	262	0.10	536
L840777		0.15	0.01	0.22	1.13	<5	40	0.41	2.88	16.35	0.04	101.5	2.0	190	0.56	548
L840778		0.22	0.16	0.84	0.75	17.0	110	0.42	153.0	3.59	0.02	11.65	3.2	124	1.79	262
L840779		0.02	0.15	0.51	0.40	9.7	50	0.65	130.0	4.15	0.03	13.25	2.2	108	1.47	250
L840780		0.44	<0.01	0.18	1.28	7	90	0.38	3.26	15.70	0.04	172.0	0.8	392	0.57	304
L840781		0.13	<0.01	0.28	1.16	3.3	20	0.76	4.42	9.93	<0.02	38.9	0.9	410	0.39	419
L840782		0.02	0.03	0.64	0.40	12.2	40	0.19	19.00	2.56	0.06	8.10	4.4	47	0.42	638
L840783		0.05	0.06	0.30	0.29	<5	10	0.11	9.59	16.90	0.06	56.3	2.4	68	0.67	181.5
L840784		0.16	0.01	0.40	0.25	2.2	<10	0.06	3.22	2.25	<0.02	7.04	1.0	44	0.07	228
L840785		0.23	<0.01	0.30	0.98	1.4	<10	0.59	4.95	7.66	0.04	25.6	16.4	17	1.30	806
L840786		0.02	0.02	0.15	1.23	1.7	80	0.84	2.81	1.00	0.04	9.08	1.4	51	1.93	58.8
L840787		0.10	<0.01	0.67	0.73	2.7	20	0.31	9.14	1.76	<0.02	2.04	1.2	24	0.13	27.0
L840788		0.29	0.41	0.61	1.40	0.3	320	0.45	578	0.04	<0.02	16.50	0.8	31	15.90	288
L840789		0.20	0.94	0.64	0.91	2.4	110	0.32	1980	0.06	0.02	28.9	0.6	16	3.56	275
L840790		0.28	2.18	1.29	1.89	1.6	120	5.18	3120	0.12	0.04	25.8	3.1	23	6.98	1630
L840791		0.18	0.06	0.32	2.23	1.6	20	6.06	100.0	8.78	<0.02	4.90	3.9	54	0.29	64.3
L840792		0.52	0.03	0.51	1.18	2.0	430	0.48	76.6	1.32	0.03	13.45	0.6	38	1.06	212
L840793		0.19	0.02	0.34	2.68	<5	10	7.04	16.60	10.40	0.02	32.6	4.3	31	2.72	278
L840794		0.29	<0.01	0.66	2.84	2.4	20	1.51	7.25	9.00	0.07	18.15	4.9	116	1.72	373
L840795		0.12	0.01	0.09	5.42	11	10	2.83	8.41	15.45	0.02	10.10	3.9	20	1.38	134.0
L840796		0.11	0.01	0.50	0.87	1.0	20	1.55	8.66	6.60	0.02	5.42	4.7	26	1.42	70.4
L840797		0.07	0.11	0.51	0.38	2.7	20	0.22	73.8	0.76	0.05	14.10	32.0	12	0.90	645
L840798		0.08	0.04	0.40	1.53	1.8	40	1.57	29.7	5.82	0.04	23.5	3.6	46	0.98	183.5
L840799		0.27	0.04	0.27	1.60	1.9	10	2.32	31.5	7.11	0.02	9.25	5.3	30	1.12	131.5
L840800		0.19	0.03	0.46	1.09	5.2	40	0.93	37.0	3.34	0.03	15.90	6.5	32	1.90	306

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Finalized Date: 14-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13137046

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
L840761		8.01	3.69	0.18	0.7	0.03	0.025	0.60	25.8	5.5	4.15	1310	0.95	0.04	11.4	31.8
L840762		8.21	5.08	0.19	1.1	0.03	0.024	0.86	26.6	7.7	4.84	1330	0.75	0.04	15.1	31.4
L840763		0.71	3.49	0.42	0.1	0.02	<0.005	0.01	470	0.3	0.03	58	0.42	<0.01	0.3	2.0
L840764		4.14	20.6	0.21	2.1	0.02	0.069	3.13	19.2	19.7	3.60	67	0.32	0.49	16.3	78.3
L840765		0.97	0.28	0.05	0.1	0.01	0.035	0.02	5.9	0.9	0.04	111	0.29	0.01	0.2	2.3
L840766		1.40	0.55	0.07	0.1	0.01	0.009	0.02	18.0	1.1	0.01	128	0.50	0.01	0.5	3.0
L840767		1.14	0.31	0.07	<0.1	0.01	0.018	0.03	<0.5	1.0	0.02	62	0.36	0.01	0.1	2.3
L840768		6.97	1.04	0.15	0.1	0.02	0.762	0.11	2.1	1.6	0.02	814	1.08	0.01	0.4	9.6
L840769		7.82	21.0	0.59	0.5	0.01	0.300	0.54	224	22.1	0.28	127	1.88	0.02	3.1	1.1
L840770		6.45	14.70	0.70	0.7	0.01	0.362	0.91	365	7.1	0.11	150	2.31	0.01	5.3	2.9
L840771		1.74	6.00	0.12	1.1	0.01	0.064	0.61	16.0	4.2	0.11	120	1.04	0.02	7.7	3.4
L840772		1.86	1.19	0.06	<0.1	0.01	0.090	0.12	2.3	2.9	0.02	712	2.59	0.01	0.3	9.5
L840773		10.65	7.07	0.45	0.8	0.01	0.161	0.10	13.7	2.9	1.10	727	37.2	0.16	4.4	4.0
L840774		5.55	35.1	0.34	4.6	0.05	0.240	1.06	101.5	19.6	2.97	984	1.10	0.73	74.9	41.8
L840775		7.70	6.32	0.33	0.2	0.04	0.126	0.11	77.4	2.5	0.85	603	39.7	0.11	4.4	1.4
L840776		11.05	7.17	0.42	0.5	0.03	0.311	0.05	36.9	0.9	0.67	466	35.2	0.04	0.6	0.7
L840777		11.90	6.65	0.47	0.6	0.1	0.173	0.08	81.1	1.9	0.71	496	39.4	0.16	4.5	3.0
L840778		27.8	4.55	1.00	0.5	0.1	0.166	0.30	10.2	4.2	0.89	688	37.0	0.12	2.9	9.9
L840779		26.9	4.21	1.01	0.4	0.1	0.133	0.22	8.9	1.4	0.92	659	16.35	0.12	2.2	4.3
L840780		9.16	8.06	0.42	0.3	0.02	0.207	0.16	177.0	1.9	0.53	374	62.7	0.10	6.1	0.3
L840781		11.45	7.42	0.53	0.4	0.01	0.211	0.06	29.7	2.1	0.85	482	33.3	0.13	7.1	1.0
L840782		39.1	3.72	2.36	0.2	<1	0.159	0.04	5.5	1.3	0.50	761	12.85	0.03	1.7	12.7
L840783		7.75	2.14	0.34	0.4	0.02	0.032	0.04	39.8	2.2	0.16	120	69.9	0.26	2.0	6.0
L840784		4.66	1.65	0.28	0.2	0.01	0.102	0.01	4.4	0.8	0.16	287	5.76	0.01	1.0	3.6
L840785		19.60	8.95	0.66	0.6	<0.1	0.819	0.01	16.7	2.2	0.73	3570	38.7	0.03	3.3	32.5
L840786		4.86	6.22	0.13	1.5	0.01	0.046	0.50	5.9	11.3	0.08	299	109.5	0.20	4.3	6.8
L840787		3.20	4.41	0.39	0.7	<0.01	0.461	0.04	1.1	3.0	0.43	633	37.3	0.05	3.8	3.1
L840788		31.5	15.95	0.68	0.5	<1	0.137	1.61	11.8	24.6	0.50	76	28.0	0.05	3.2	1.2
L840789		33.1	6.59	0.99	0.4	<1	0.096	0.78	17.2	11.7	0.15	301	42.5	0.05	1.8	1.0
L840790		11.40	9.39	0.60	0.7	<1	0.129	1.50	14.9	15.4	0.21	153	81.4	0.03	4.2	3.2
L840791		12.55	14.70	0.45	0.6	<0.01	0.625	0.10	3.2	2.3	4.60	2410	2.51	0.13	2.8	1.4
L840792		21.7	5.28	0.48	1.1	<0.1	0.078	0.64	9.3	3.1	0.60	256	86.3	0.13	6.4	1.1
L840793		15.85	18.80	0.40	0.6	0.1	0.606	0.03	20.4	1.8	1.82	3630	23.8	0.05	4.1	7.7
L840794		10.80	21.7	0.65	2.0	<0.1	0.399	0.09	9.6	3.5	1.84	2470	247	0.55	15.5	7.9
L840795		8.87	28.6	0.31	0.6	0.01	0.580	0.03	5.5	0.8	1.15	2060	18.90	0.05	3.1	8.1
L840796		14.15	14.55	0.48	0.6	<0.01	0.564	0.05	3.5	2.9	1.16	3220	5.47	0.19	3.2	7.8
L840797		40.3	4.99	1.60	0.2	<0.1	0.173	0.03	7.2	0.8	0.12	418	126.0	0.03	1.7	222
L840798		14.80	14.90	0.45	0.8	<0.01	0.482	0.10	16.1	2.6	0.92	2350	170.5	0.45	5.1	7.3
L840799		18.85	13.10	0.48	0.5	<0.01	0.526	0.03	5.4	2.2	1.37	2870	17.90	0.22	2.6	13.1
L840800		28.2	11.75	1.22	0.8	<0.1	0.345	0.10	9.5	2.2	0.67	1320	52.5	0.21	5.0	28.2

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
L840761		420	5.0	14.4	<0.002	2.72	0.19	3.6	1	0.4	142.0	0.66	<0.05	1.3	0.217	0.06
L840762		590	4.6	18.7	0.004	2.34	0.19	4.1	1	0.5	114.5	0.87	<0.05	1.8	0.300	0.07
L840763		480	26.1	0.7	<0.002	0.02	0.18	0.1	1	0.4	3.2	<0.05	0.06	0.3	0.006	0.03
L840764		150	111.0	63.6	<0.002	2.97	1.71	11.6	8	9.2	150.0	1.10	0.07	9.2	0.459	0.73
L840765		60	2.0	1.6	<0.002	0.02	0.10	0.3	2	0.7	2.0	<0.05	<0.05	1.4	0.006	0.02
L840766		50	3.9	2.9	<0.002	0.01	0.14	0.8	2	1.9	1.0	<0.05	<0.05	3.4	0.013	0.03
L840767		100	3.0	3.0	<0.002	0.02	0.19	0.1	11	1.9	2.1	<0.05	<0.05	0.2	<0.005	0.03
L840768		630	3.7	13.8	<0.002	0.09	0.25	1.1	8	3.3	4.0	<0.05	<0.05	2.3	0.009	0.08
L840769		1260	2.7	107.0	0.004	0.15	0.26	5.5	33	7.7	5.9	0.21	0.06	18.6	0.114	0.42
L840770		1300	3.2	196.0	0.035	1.37	0.32	9.1	72	9.1	33.0	0.33	0.33	23.4	0.176	1.52
L840771		170	3.2	88.8	0.002	0.13	0.24	3.3	9	9.1	3.8	0.49	0.08	1.8	0.220	0.46
L840772		150	0.9	19.2	<0.002	0.01	0.12	0.7	2	3.0	1.9	<0.05	<0.05	0.4	0.007	0.09
L840773		>10000	1.9	15.9	0.151	2.69	0.15	6.5	68	4.0	74.1	0.26	0.36	1.5	0.107	0.07
L840774		1630	6.7	189.0	0.019	1.87	0.19	33.9	23	38.1	388	3.10	0.21	28.4	1.065	0.86
L840775		>10000	1.8	18.8	0.178	0.96	0.05	6.4	47	4.2	95.9	0.25	0.17	3.6	0.108	0.31
L840776		>10000	2.2	3.5	0.200	0.70	0.56	4.3	66	4.2	213	<0.05	0.28	2.2	0.052	1.45
L840777		>10000	1.9	10.2	0.147	1.07	0.12	5.2	58	5.4	176.0	0.70	0.24	4.5	0.115	0.37
L840778		>10000	5.5	50.6	0.055	2.57	0.21	4.5	175	4.0	69.9	0.18	4.45	1.6	0.068	0.50
L840779		>10000	2.8	48.8	0.063	4.54	0.14	4.2	187	3.0	75.5	0.12	5.91	1.6	0.047	0.43
L840780		>10000	2.3	26.6	0.177	0.80	0.32	8.9	54	6.3	223	0.35	0.26	7.0	0.138	0.32
L840781		>10000	2.2	7.2	0.091	0.86	0.38	4.7	69	6.3	144.5	0.34	0.38	2.5	0.157	0.04
L840782		8490	2.2	4.4	0.064	2.71	0.15	1.9	364	1.1	21.7	0.07	1.66	0.7	0.023	0.07
L840783		>10000	2.7	7.6	0.128	>10.0	0.06	2.0	35	1.1	215	0.17	0.50	1.3	0.034	0.06
L840784		>10000	1.5	0.7	0.007	0.38	0.15	1.4	52	1.0	25.1	<0.05	0.26	0.4	0.024	0.02
L840785		350	3.4	3.7	0.096	1.30	0.17	2.1	106	4.4	56.4	0.13	0.71	1.5	0.091	0.17
L840786		1250	2.2	88.2	0.189	0.94	0.22	0.8	12	5.1	20.8	0.25	0.14	1.0	0.109	0.48
L840787		640	4.0	3.8	0.014	0.10	0.50	3.0	93	3.9	31.2	0.22	0.79	0.9	0.110	0.05
L840788		1650	9.6	470	0.005	2.92	0.90	3.1	25	7.9	31.9	0.16	8.84	1.8	0.098	2.32
L840789		2060	21.8	189.5	0.012	2.29	2.76	2.5	87	6.5	40.5	0.06	16.90	1.6	0.047	1.05
L840790		920	25.7	272	0.021	9.97	2.24	3.9	114	11.1	13.0	0.25	38.0	1.4	0.138	1.58
L840791		550	3.1	4.8	0.009	0.23	0.89	22.1	73	10.7	57.7	0.18	1.71	0.9	0.081	0.11
L840792		1180	3.8	57.5	0.017	1.34	0.20	4.1	69	7.6	42.6	0.40	0.94	1.3	0.245	0.35
L840793		1130	3.2	5.1	0.034	0.40	0.18	5.8	46	4.0	95.8	0.20	0.52	5.3	0.111	0.11
L840794		4330	4.4	15.9	0.202	1.61	0.11	10.3	124	12.2	148.0	0.89	0.57	2.9	0.415	0.29
L840795		1380	4.4	2.9	0.060	2.82	0.34	4.5	48	3.3	186.0	0.17	0.27	2.1	0.086	0.38
L840796		790	4.1	7.7	0.013	0.44	0.08	3.2	73	4.0	31.6	0.15	0.47	2.3	0.083	0.21
L840797		570	2.6	3.2	0.028	1.67	0.08	0.6	80	1.2	9.7	0.06	3.45	3.1	0.034	0.17
L840798		1240	2.2	14.2	0.222	0.71	0.08	4.1	75	4.7	45.7	0.27	0.86	4.4	0.146	0.22
L840799		840	3.1	2.9	0.044	0.65	0.10	3.8	73	3.7	44.7	<0.05	0.98	2.7	0.092	0.52
L840800		1740	5.2	15.1	0.038	1.77	0.14	3.3	123	4.8	44.1	0.32	1.21	4.4	0.134	0.39

***** 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- AUG- 2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13137046

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-XRF05
	Analyte	U	V	W	Y	Zn	Zr	W
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5	10
L840761		0.6	34	0.2	11.5	47	35.7	
L840762		0.8	46	0.2	10.2	54	54.1	
L840763		2.3	4	49.9	8.6	26	1.7	
L840764		6.2	82	3.4	12.9	98	74.2	
L840765		0.1	5	0.8	0.6	5	3.4	
L840766		0.1	11	4.8	1.4	3	3.9	
L840767		0.1	4	2.1	0.2	4	0.7	
L840768		0.7	8	2.6	1.6	47	3.2	
L840769		1.1	248	3.4	13.1	5	15.5	
L840770		1.9	115	3.0	15.5	5	23.0	
L840771		1.2	95	2.1	20.2	8	36.2	
L840772		1.6	8	2.6	4.4	9	2.2	
L840773		9.4	283	3.2	50.6	38	27.2	
L840774		13.8	1220	4.1	84.8	94	136.0	
L840775		17.4	260	2070	75.7	29	6.5	
L840776		22.7	233	>10000	132.0	20	19.2	>5000
L840777		23.2	208	2730	132.0	24	13.9	
L840778		5.8	250	1470	19.1	28	19.3	
L840779		8.0	213	1090	29.4	28	16.0	
L840780		32.6	273	1900	133.0	18	7.1	
L840781		19.6	296	16.0	86.9	24	15.2	
L840782		3.7	122	142.5	11.7	100	8.5	
L840783		6.5	51	73.8	40.1	7	17.9	
L840784		4.1	47	38.0	17.2	10	7.6	
L840785		2.7	266	1100	14.2	87	26.7	
L840786		2.3	106	321	3.4	5	60.0	
L840787		1.8	113	53.1	6.2	15	20.4	
L840788		0.7	141	67.5	1.0	5	18.8	
L840789		5.0	71	570	4.3	6	16.3	
L840790		1.5	164	630	3.2	10	24.1	
L840791		0.8	696	420	4.9	112	22.0	
L840792		2.1	250	610	4.5	11	39.9	
L840793		2.9	386	490	12.8	78	21.8	
L840794		7.8	408	83.6	38.7	91	70.0	
L840795		2.5	210	2730	11.9	48	18.3	
L840796		0.6	334	940	2.7	98	22.7	
L840797		1.4	80	930	1.3	19	8.7	
L840798		2.3	318	1140	10.7	65	29.3	
L840799		1.0	316	9490	5.3	82	18.8	
L840800		1.7	194	1540	7.5	44	24.2	

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1016-510 W HASTINGS ST
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Finalized Date: 14-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13137046

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
Q013201		0.21	0.05	0.40	2.41	0.6	30	1.99	46.3	9.41	0.04	87.7	3.0	51	3.01	156.5
Q013202		0.15	0.14	0.19	4.38	<5	20	2.04	62.2	11.80	0.04	10.35	18.8	58	2.10	299
Q013203		0.05	0.03	0.40	1.61	13.3	150	1.19	43.0	2.22	0.02	14.75	3.3	90	4.50	170.0
Q013204		0.10	0.01	0.42	1.48	8	30	1.35	5.73	14.55	0.03	166.5	3.7	174	0.32	244
Q013205		0.14	1.77	0.77	0.68	1.8	140	1.20	1225	0.62	<0.02	3.52	3.1	24	6.09	238
Q013206		0.16	0.02	0.53	0.88	2.1	30	2.11	11.75	3.83	0.02	29.4	2.4	64	0.45	1020
Q013207		0.30	0.04	0.45	0.79	3.1	40	1.36	26.3	1.72	<0.02	25.1	1.5	96	2.40	142.5
Q013208		0.13	0.02	0.45	1.85	0.7	20	5.22	13.65	5.06	<0.02	359	3.7	231	1.93	493
Q013209		0.12	0.29	0.92	2.96	2.2	320	2.05	230	1.89	<0.02	193.0	2.6	174	38.8	318
Q013210		0.32	0.01	0.22	2.46	1.0	30	1.75	7.95	3.80	<0.02	32.4	1.9	126	0.46	259
Q013211		0.07	0.01	0.51	0.74	8	50	0.45	17.45	13.90	<0.02	141.5	1.8	314	0.85	48.0
Q013212		0.26	0.08	0.48	3.46	1.3	430	1.64	66.0	0.06	<0.02	13.15	2.2	138	31.8	360
Q013213		0.10	0.06	0.35	3.69	<0.2	70	2.54	46.1	5.97	<0.02	33.6	2.6	491	1.79	64.3
Q013214		0.08	0.10	0.99	1.26	860	60	0.54	11.10	0.18	0.82	3.93	0.6	73	1.31	25.9
Q013215		0.03	0.05	2.31	2.36	638	90	1.73	256	1.27	1.35	12.35	1.5	53	0.32	684
Q013216		0.11	0.01	0.15	0.69	44.1	30	0.79	6.44	9.56	11.10	4.42	5.4	17	0.41	169.5
Q013217		0.02	0.07	0.57	2.98	1070	70	0.97	5.11	0.42	3.42	3.22	1.3	72	0.37	31.7
Q013218		0.28	0.05	0.81	1.04	263	40	0.97	22.9	0.89	5.51	6.29	10.9	32	0.68	552
Q013219		0.08	0.03	0.33	3.32	778	620	2.70	2.59	1.48	67.3	24.4	4.0	51	3.83	450
Q013220		0.08	0.26	0.90	3.87	1970	230	1.94	5.00	0.50	9.6	25.0	7.7	37	1.45	311
Q013221		0.19	0.14	3.57	4.12	1190	860	2.52	4.39	0.33	12.45	20.2	3.1	118	7.36	950
Q013222		0.46	0.05	1.28	0.30	524	2530	0.15	20.0	0.02	0.47	0.89	4.3	14	0.16	150.5
Q013223		0.13	0.24	2.13	1.82	1350	560	0.49	1075	0.07	<0.02	3.39	4.0	32	0.15	148.0
Q013224		0.25	0.01	0.17	0.02	120.0	3930	<0.05	90.3	0.01	0.06	2.11	0.4	13	0.41	13.2
Q013225		0.16	0.04	0.65	0.52	388	1450	0.25	239	0.02	0.03	6.02	1.4	24	0.53	45.5
Q013226		0.04	0.01	0.54	1.99	194.5	620	1.93	1.29	1.72	17.65	55.5	10.6	42	2.27	414
Q013227		0.24	<0.01	0.95	0.81	24	440	0.64	0.64	10.90	17.70	19.40	3.9	19	0.57	239
Q013228		0.07	0.01	0.26	2.91	61.1	1330	1.85	3.20	0.25	3.14	37.5	10.4	73	2.10	45.8
Q013229		0.19	0.01	1.82	1.18	204	240	0.61	0.66	6.47	4.30	58.3	7.8	18	0.96	209
Q013230		0.12	0.01	2.57	1.05	324	360	0.75	0.78	0.56	2.91	43.4	10.9	17	1.41	291

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

Finalized Date: 14- AUG- 2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13137046

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q013201		11.10	13.50	0.39	0.8	<0.01	0.241	0.11	60.2	1.9	0.91	1200	121.5	0.52	8.6	13.0
Q013202		8.84	27.6	0.19	1.6	<0.01	0.602	0.13	5.2	9.3	4.28	2430	22.2	0.08	5.8	31.3
Q013203		30.6	13.10	0.63	0.6	<0.1	0.167	0.36	9.6	4.6	1.07	493	39.9	0.30	3.5	7.1
Q013204		10.10	8.61	0.40	0.3	0.01	0.169	0.07	110.5	1.5	0.90	708	40.9	0.33	3.3	5.8
Q013205		30.4	5.59	0.52	0.4	<1	0.082	0.57	2.1	13.2	1.20	446	1.78	0.03	1.0	3.0
Q013206		16.50	9.50	0.60	0.6	<0.01	0.250	0.09	21.7	3.9	1.48	1130	12.30	0.16	3.4	3.1
Q013207		30.2	8.46	0.75	0.5	<0.01	0.161	0.23	22.3	4.3	0.71	443	104.0	0.20	4.1	2.7
Q013208		15.50	19.45	0.64	0.4	<0.01	0.473	0.14	223	5.1	2.43	1440	56.8	0.57	2.4	3.7
Q013209		10.45	29.2	0.38	0.7	<0.1	0.165	2.24	126.0	70.6	1.20	383	59.4	0.46	7.5	5.2
Q013210		6.30	14.25	0.23	0.5	0.01	0.191	0.09	23.9	6.1	0.94	704	60.2	0.48	3.9	2.2
Q013211		10.20	10.75	0.76	0.1	<0.1	0.237	0.15	90.0	2.8	1.34	711	67.3	0.13	4.0	7.2
Q013212		35.3	25.6	2.03	0.7	0.01	0.195	2.57	10.9	55.5	0.94	244	121.5	0.05	7.2	4.0
Q013213		10.10	22.8	0.34	1.4	<0.01	0.298	0.23	22.7	3.0	1.72	943	151.5	1.10	12.8	6.0
Q013214		8.88	7.76	0.32	0.3	0.04	0.015	0.20	2.7	5.0	0.39	124	228	0.12	1.7	19.7
Q013215		20.2	8.98	0.54	0.6	2.59	0.661	0.05	8.0	5.8	0.98	172	253	0.19	1.1	81.8
Q013216		5.81	3.34	0.19	0.2	0.09	0.106	0.05	2.4	3.6	5.62	2190	41.2	0.06	0.5	170.5
Q013217		9.38	16.55	0.31	0.3	0.07	0.206	0.12	1.9	4.2	0.98	350	163.0	0.27	1.9	50.4
Q013218		20.0	4.09	0.56	0.5	0.15	0.403	0.13	3.3	2.5	0.70	551	129.5	0.06	1.1	406
Q013219		15.45	11.70	0.39	0.7	0.80	0.298	1.04	17.5	10.4	1.06	388	141.0	0.10	2.0	605
Q013220		24.8	15.50	0.59	0.7	2.43	0.545	0.29	23.5	5.7	1.15	356	475	0.31	1.7	494
Q013221		20.9	15.20	0.48	1.1	3.21	1.390	1.70	14.3	10.3	0.37	194	243	0.08	3.6	490
Q013222		25.3	1.17	3.17	0.7	<0.1	0.018	0.01	0.6	1.2	0.07	117	96.5	0.03	1.1	60.0
Q013223		18.75	6.29	3.11	0.7	<0.1	0.020	0.04	2.1	1.6	0.58	156	370	0.16	1.6	57.7
Q013224		1.83	0.22	0.23	0.1	0.01	<0.005	0.01	1.7	2.2	<0.01	59	22.6	<0.01	0.1	5.8
Q013225		6.66	1.97	0.99	0.4	<0.01	0.012	0.20	4.0	2.2	0.09	132	131.0	0.03	0.8	18.3
Q013226		11.35	5.58	0.33	0.9	0.14	0.295	0.88	39.4	5.7	0.91	361	160.5	0.03	4.1	304
Q013227		2.86	2.41	0.13	0.3	0.07	0.108	0.41	13.3	2.7	0.63	270	34.0	0.01	1.5	90.7
Q013228		9.50	9.70	0.31	1.2	0.04	0.035	1.51	24.9	11.7	0.25	352	94.2	0.04	5.8	249
Q013229		15.40	3.88	0.57	0.8	0.14	0.108	0.63	37.5	4.5	0.15	113	167.5	0.02	2.5	207
Q013230		26.6	3.31	0.61	0.9	0.14	0.142	0.56	27.7	3.8	0.23	178	164.0	0.01	2.4	357

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CERTIFICATE OF ANALYSIS WH13137046

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
Q013201		2280	4.3	19.6	0.089	5.27	0.10	6.1	54	6.1	148.5	0.40	1.39	5.2	0.220	0.27
Q013202		220	7.6	25.5	0.103	2.16	0.66	7.6	14	12.5	214	0.39	1.16	2.2	0.155	0.17
Q013203		>10000	6.1	59.6	0.022	1.64	0.28	8.7	64	5.2	47.0	0.20	1.03	3.7	0.100	0.52
Q013204		>10000	2.7	4.6	0.045	0.35	0.10	4.0	53	4.2	110.0	0.21	0.21	4.8	0.101	0.11
Q013205		220	2.4	103.0	0.006	2.35	0.12	1.6	43	1.2	1.9	0.10	18.70	0.4	0.015	0.50
Q013206		440	2.1	14.5	0.047	0.98	0.12	7.0	98	5.0	21.9	0.12	0.42	1.1	0.121	0.51
Q013207		5890	3.4	37.7	0.040	2.17	0.15	4.1	45	6.6	74.4	0.27	0.70	2.2	0.117	0.50
Q013208		1150	1.7	26.2	0.048	1.20	0.20	12.4	68	8.4	56.9	0.14	0.38	6.3	0.061	0.52
Q013209		8820	3.8	610	0.031	0.96	0.11	6.9	26	11.3	30.9	0.46	5.05	3.7	0.214	4.44
Q013210		6230	1.9	11.4	0.083	0.85	0.47	3.9	27	6.8	125.5	0.26	0.19	2.7	0.127	0.14
Q013211		>10000	4.6	27.6	0.023	0.39	0.11	7.6	135	6.9	127.0	0.09	0.70	7.8	0.127	0.38
Q013212		1880	7.8	490	0.121	1.09	0.09	4.8	29	19.4	12.5	0.43	0.91	2.9	0.232	3.24
Q013213		>10000	4.4	23.7	0.086	0.59	0.14	11.7	37	17.9	170.0	0.81	0.93	4.9	0.410	0.20
Q013214		640	4.5	18.8	0.007	0.29	12.25	2.9	44	14.0	18.3	0.09	0.22	0.5	0.045	0.38
Q013215		6830	8.0	4.4	0.002	0.11	438	2.8	50	20.4	103.0	0.05	0.69	2.0	0.030	57.3
Q013216		900	2.3	4.9	0.002	0.03	14.80	2.1	12	6.4	150.5	<0.05	0.06	0.6	0.018	1.43
Q013217		700	9.8	5.0	0.002	0.12	10.45	6.4	38	34.6	45.4	0.10	0.21	0.4	0.060	0.50
Q013218		1960	10.0	11.0	0.002	0.04	30.0	3.5	57	8.6	40.1	0.07	0.86	1.6	0.033	2.29
Q013219		4450	8.4	74.9	0.002	0.08	160.0	4.0	12	21.0	299	0.10	0.07	2.3	0.060	25.3
Q013220		3810	11.4	17.4	0.003	0.11	260	4.2	39	43.8	158.0	0.08	0.26	7.4	0.051	40.4
Q013221		7310	14.2	119.5	0.003	0.13	289	6.9	22	267	166.0	0.21	0.14	4.7	0.085	47.2
Q013222		2190	8.1	0.7	0.006	0.25	37.7	0.7	829	5.9	11.1	<0.05	3.41	0.7	0.008	0.32
Q013223		2040	16.7	1.1	0.059	0.40	112.5	2.8	784	71.6	109.5	0.07	8.29	1.4	0.044	4.33
Q013224		210	5.0	0.6	<0.002	0.15	3.92	0.1	48	2.8	67.8	<0.05	0.33	0.2	<0.005	0.84
Q013225		900	14.5	7.6	0.009	0.27	20.3	1.1	239	8.9	100.5	<0.05	1.73	2.4	0.022	5.11
Q013226		730	15.6	40.4	0.002	0.27	21.1	3.1	21	2.8	36.4	0.24	0.10	3.4	0.082	1.74
Q013227		190	6.3	18.8	<0.002	0.11	26.2	1.4	7	1.4	237	0.08	<0.05	1.1	0.029	0.68
Q013228		500	9.6	60.1	0.003	0.06	6.68	4.7	19	1.8	12.5	0.31	0.10	5.2	0.133	2.09
Q013229		250	58.3	26.9	0.015	5.46	120.5	1.6	72	0.9	91.3	0.24	0.61	3.8	0.045	1.59
Q013230		520	100.5	22.8	0.009	0.42	134.0	1.4	36	0.9	14.5	0.21	0.86	3.1	0.041	1.44

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

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

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

Finalized Date: 14- AUG- 2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13137046

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	ME-XRF05 W ppm 10
Q013201		4.0	253	438	19.3	33	22.5	
Q013202		4.7	443	175.0	14.7	79	54.4	
Q013203		4.0	764	1220	13.2	25	20.9	
Q013204		16.9	563	336	102.0	31	8.0	
Q013205		1.1	245	7.9	5.2	24	18.8	
Q013206		2.7	498	2940	14.1	40	19.6	
Q013207		4.3	1150	1350	12.0	22	19.3	
Q013208		12.2	1440	2360	20.5	64	11.2	
Q013209		3.0	992	1710	22.3	50	30.2	
Q013210		7.0	1100	590	21.0	29	19.1	
Q013211		21.4	1340	970	121.5	39	1.9	
Q013212		1.0	571	43.7	2.4	38	25.1	
Q013213		8.2	1720	80.3	45.8	51	52.9	
Q013214		5.6	1280	14.6	3.2	87	19.2	
Q013215		20.5	2700	50.2	10.6	826	79.9	
Q013216		5.6	955	6.6	20.7	1020	18.3	
Q013217		6.3	2230	7.0	7.7	227	27.4	
Q013218		19.5	1640	13.7	19.2	1960	44.9	
Q013219		25.1	3540	5.7	20.7	3230	54.3	
Q013220		24.0	2250	6.2	20.3	2310	54.8	
Q013221		31.4	2870	6.0	10.6	1140	67.2	
Q013222		3.2	170	38.6	2.5	586	84.9	
Q013223		15.0	934	13.7	4.2	795	67.4	
Q013224		2.2	13	1.5	1.1	33	7.3	
Q013225		4.7	263	5.2	4.2	135	33.5	
Q013226		15.0	307	3.6	53.9	2380	40.0	
Q013227		3.2	99	0.9	29.7	1140	15.1	
Q013228		6.9	618	2.1	20.5	1220	51.7	
Q013229		5.6	254	1.1	10.1	1260	40.4	
Q013230		5.5	254	1.6	9.1	2050	65.8	

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

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

Finalized Date: 14-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13137046

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method:	Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. ME-MS61
Applies to Method:	REE's may not be totally soluble in this method. ME-MS61
Applies to Method:	Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor. Hg-CV41
Applies to Method:	Interference: Samples with Ca>10%on ICP-MS As. ICP-AES As results reported (5 ppm DL) ME-MS61

LABORATORY ADDRESSES

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

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

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

Applies to Method:	Au-AA26	Hg-CV41	ME-MS61	ME-XRF05

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-AUG-2013
Account: RCM

CERTIFICATE WH13141813

Project: RAV

P.O. No.: R13-R2

This report is for 202 Rock samples submitted to our lab in Whitehorse, YT, Canada on 6-AUG-2013.

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

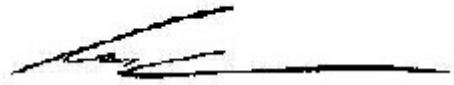
ANALYTICAL PROCEDURES

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

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

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

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

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-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141813

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
Q005831		0.23	<0.01	0.08	9.29	16.3	2940	1.24	0.14	0.80	0.40	100.5	50.7	162	4.29	110.0
Q005832		0.53	<0.01	0.22	2.94	8	3160	0.81	0.47	14.50	0.37	39.0	29.3	121	1.18	50.5
Q005833		0.27	<0.01	0.11	4.68	6	3240	1.15	0.49	18.55	0.70	56.1	35.6	127	2.78	78.8
Q005834		0.18	0.01	0.34	3.16	12	1290	0.76	0.67	19.65	1.63	48.1	46.3	129	1.92	80.6
Q005835		0.09	0.01	0.90	4.43	35	5160	1.16	2.44	18.50	1.41	56.5	66.1	181	1.77	60.1
Q005836		0.14	<0.01	0.29	3.42	20	3640	0.84	3.06	13.35	0.50	42.5	49.5	135	1.39	74.5
Q005837		0.21	<0.01	0.12	3.57	14	3870	0.91	0.22	14.30	0.48	54.1	40.4	156	1.31	43.2
Q005838		0.47	0.02	3.08	11.90	65.7	8100	1.25	1.01	0.53	1.92	123.5	47.1	592	5.56	165.5
Q005839		0.33	0.07	1.83	11.35	57.9	8310	1.36	3.96	0.78	2.17	145.5	42.3	454	5.33	74.8
Q005840		0.24	0.02	5.28	11.40	71.9	7850	1.31	1.91	0.32	1.65	85.5	48.6	445	5.30	98.4
Q005841		0.08	0.02	2.23	5.73	101.5	2600	0.94	3.79	0.70	9.04	94.8	121.0	244	2.35	174.5
Q005842		0.36	0.03	2.38	10.90	58.8	8220	1.34	0.62	0.35	1.51	46.0	28.1	548	4.88	52.9
Q005843		0.25	<0.01	0.43	10.30	35.5	630	1.09	1.47	0.43	0.31	124.5	6.6	446	4.25	26.2
Q005844		0.13	0.01	0.47	7.35	100.5	7370	1.46	0.40	0.41	0.56	79.3	43.1	58	1.89	95.6
Q013231		0.81	<0.01	0.19	0.26	20.8	240	0.10	0.43	0.06	0.03	2.67	1.5	23	0.25	39.9
Q013232		0.12	<0.01	0.06	0.65	22.8	630	0.16	0.07	0.05	0.04	4.91	2.4	28	0.50	17.9
Q013233		0.78	<0.01	0.02	0.50	<5	510	0.06	0.02	14.45	0.09	1.99	3.2	23	0.06	2.6
Q013234		0.28	<0.01	0.03	0.75	7.2	130	0.14	0.12	0.05	0.16	3.75	4.6	18	0.36	11.7
Q013235		0.65	<0.01	0.06	0.26	4.5	70	0.06	0.12	0.06	0.05	3.23	1.8	27	0.13	10.9
Q013236		0.24	<0.01	0.08	3.50	8.3	780	0.96	0.54	0.02	0.10	32.0	8.7	34	2.37	23.6
Q013237		0.08	0.06	0.27	0.23	3.0	30	<0.05	0.38	0.02	0.04	1.25	1.0	24	0.08	9.3
Q013238		0.28	2.97	0.42	0.78	38.8	370	0.22	0.18	0.06	0.43	7.59	10.9	21	0.51	34.7
Q013239		0.13	<0.01	0.16	0.71	5.5	210	0.19	0.03	0.02	0.12	8.33	3.3	33	0.36	36.2
Q013240		0.16	0.04	0.39	0.34	32.7	180	0.14	0.74	0.02	0.08	3.61	1.2	21	0.22	20.5
Q013241		0.21	0.43	0.17	3.59	9.3	1610	1.12	0.17	0.01	0.13	50.1	1.6	66	2.21	74.4
Q013242		0.34	0.01	0.21	0.39	48.4	140	0.12	0.30	0.10	0.14	3.58	0.7	28	0.23	18.5
Q013243		0.23	<0.01	0.35	0.84	71.6	190	0.19	0.55	0.28	0.26	6.31	1.4	27	0.30	31.0
Q013244		0.22	<0.01	0.15	0.74	12.6	320	0.19	0.18	0.07	0.35	5.83	6.1	24	0.41	26.5
Q013245		0.20	<0.01	0.07	1.00	4.1	260	0.28	0.10	0.01	0.07	4.74	2.3	52	0.71	12.3
Q013246		0.24	<0.01	0.05	0.12	18.5	40	<0.05	0.03	0.01	0.08	0.59	1.1	15	0.05	7.3
Q013247		0.13	<0.01	0.08	0.36	25.6	120	0.10	0.06	0.04	0.13	1.59	3.8	21	0.17	13.9
Q013248		0.13	<0.01	0.42	2.58	1.4	1230	1.34	0.22	0.02	0.03	13.70	0.6	54	2.21	16.2
Q013249		0.30	<0.01	0.28	0.46	12.7	60	0.19	0.02	6.09	0.76	6.21	3.0	9	0.11	3.6
Q013250		0.23	<0.01	0.04	0.18	8.6	90	0.08	0.08	0.02	<0.02	0.10	0.3	30	0.19	3.8
Q013251		0.19	<0.01	0.04	0.15	2.3	30	<0.05	0.02	0.13	0.12	1.52	5.3	15	0.06	7.2
Q013252		0.29	<0.01	0.04	0.14	1.2	20	<0.05	0.02	0.03	0.02	0.88	1.2	20	<0.05	7.1
Q013253		0.25	0.08	0.20	0.56	3.0	70	0.08	0.13	0.01	0.33	6.00	3.1	29	0.18	15.3
Q013254		0.34	<0.01	0.04	0.20	0.9	80	0.08	0.05	0.01	0.07	1.33	4.1	23	0.18	14.2
Q013255		0.27	<0.01	0.01	0.64	1.1	190	0.20	0.04	0.06	<0.02	75.5	0.4	27	0.46	5.8
Q013256		0.30	<0.01	0.02	0.44	1.3	40	<0.05	0.05	0.29	0.14	15.30	7.4	18	0.05	18.7

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VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141813

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q005831		5.01	18.25	0.23	6.1	0.07	0.087	4.43	44.3	7.1	0.53	67	1.76	0.15	36.0	207
Q005832		4.63	9.46	0.16	0.4	0.01	0.039	1.34	19.4	4.2	6.52	1020	0.19	0.06	16.3	58.4
Q005833		2.34	14.55	0.17	1.3	0.05	0.070	2.21	28.1	4.9	0.40	606	0.84	0.05	27.8	116.0
Q005834		6.45	10.00	0.16	0.6	0.07	0.056	1.51	26.6	4.6	0.38	351	1.29	0.04	17.1	135.0
Q005835		9.37	14.15	0.17	0.5	0.05	0.059	1.99	28.9	4.7	0.62	1940	2.75	0.06	22.0	187.5
Q005836		5.32	10.95	0.16	0.4	0.01	0.050	1.56	21.0	4.4	5.99	994	0.25	0.05	19.7	86.8
Q005837		8.79	11.35	0.16	0.5	0.01	0.042	1.63	26.6	3.8	3.24	1040	0.31	0.03	21.6	143.0
Q005838		4.26	28.3	0.27	9.9	0.08	0.133	6.23	55.5	11.9	0.75	124	2.36	0.16	33.4	126.5
Q005839		4.50	29.0	0.29	10.4	0.07	0.038	5.85	70.9	11.7	0.82	151	2.89	0.16	38.6	114.0
Q005840		4.94	27.8	0.23	9.8	0.09	0.081	5.89	38.8	11.2	0.77	143	3.34	0.16	36.7	145.5
Q005841		25.6	15.40	0.35	4.0	0.50	0.086	2.66	52.7	6.1	0.64	446	14.55	0.08	7.9	673
Q005842		2.95	28.7	0.18	9.9	0.06	0.070	6.12	19.4	11.3	0.63	85	2.10	0.17	37.8	83.0
Q005843		8.94	23.0	0.27	7.3	0.13	0.069	5.89	62.2	10.9	0.66	22	8.60	0.16	14.8	40.7
Q005844		10.55	20.5	0.22	6.4	0.16	0.067	3.36	41.6	10.7	0.53	127	8.36	0.09	39.8	231
Q013231		0.74	0.83	0.11	0.1	0.02	0.012	0.11	0.8	1.6	0.03	391	1.03	0.01	0.4	6.7
Q013232		1.51	2.27	0.10	0.4	0.01	0.015	0.29	2.4	3.2	0.06	261	1.35	0.01	1.4	10.7
Q013233		0.69	1.18	0.09	0.1	<0.01	0.015	0.06	0.9	1.9	0.27	605	0.20	0.12	1.4	13.9
Q013234		1.47	1.93	0.09	0.2	0.01	0.008	0.14	1.7	12.5	0.14	908	0.35	0.05	0.7	10.0
Q013235		1.04	0.60	0.08	<0.1	<0.01	0.005	0.05	1.3	0.9	0.01	221	0.48	0.09	0.2	5.5
Q013236		3.84	9.38	0.12	0.5	<0.01	0.029	1.13	15.2	26.7	0.32	1280	0.36	0.08	3.6	26.0
Q013237		1.80	0.54	0.08	<0.1	<0.01	<0.005	0.03	0.6	0.6	0.01	172	0.65	0.13	0.2	5.0
Q013238		1.58	2.39	0.10	0.2	0.01	0.013	0.21	2.4	4.1	0.05	647	1.93	0.01	0.8	36.5
Q013239		1.71	1.54	0.10	0.3	0.01	0.009	0.15	4.0	2.7	0.04	139	1.03	0.06	1.3	18.0
Q013240		1.46	1.08	0.08	0.1	<0.01	0.007	0.10	1.8	2.4	0.02	82	1.21	0.01	0.4	7.7
Q013241		2.64	8.83	0.14	1.9	0.01	0.033	0.99	24.9	16.6	0.20	65	6.74	0.03	8.3	20.2
Q013242		1.01	1.02	0.10	0.2	0.01	0.008	0.10	2.7	1.9	0.02	80	1.03	<0.01	0.7	7.2
Q013243		1.05	1.51	0.09	0.2	0.04	0.012	0.13	4.6	4.8	0.03	75	2.10	0.01	0.9	14.2
Q013244		1.06	1.63	0.09	0.2	0.02	0.009	0.18	3.5	2.6	0.04	601	0.99	0.22	0.6	18.0
Q013245		1.56	2.62	0.09	0.1	0.01	0.011	0.33	2.2	5.3	0.10	173	0.52	0.07	1.9	10.6
Q013246		0.50	0.27	0.08	<0.1	0.01	<0.005	0.03	<0.5	0.5	0.01	90	0.33	0.03	0.1	4.9
Q013247		1.02	0.75	0.09	0.1	0.01	0.006	0.07	0.8	1.3	0.02	176	0.67	0.11	0.2	13.9
Q013248		1.88	8.73	0.10	1.5	0.08	0.033	0.90	7.5	12.0	0.29	115	2.39	0.35	13.8	4.0
Q013249		0.49	0.44	0.11	0.1	0.02	0.005	0.03	1.1	1.6	3.43	625	0.29	0.02	0.3	4.3
Q013250		0.57	0.68	0.09	0.1	0.01	<0.005	0.09	<0.5	1.3	0.03	54	0.34	<0.01	0.2	2.1
Q013251		0.81	0.32	0.09	<0.1	<0.01	<0.005	0.04	0.6	1.0	0.01	855	0.72	<0.01	0.3	5.2
Q013252		0.83	0.23	0.08	<0.1	<0.01	<0.005	0.02	<0.5	0.4	0.02	93	0.33	0.06	0.1	5.8
Q013253		1.36	0.99	0.09	0.2	0.01	0.005	0.07	2.9	1.5	0.03	1110	0.66	0.21	1.0	11.2
Q013254		1.65	0.71	0.08	<0.1	0.01	0.005	0.07	0.6	1.2	0.01	123	0.31	0.02	0.1	18.2
Q013255		0.59	2.12	0.15	0.2	0.01	0.006	0.23	40.5	3.0	0.06	44	0.28	0.11	0.8	2.4
Q013256		0.67	0.77	0.10	<0.1	<0.01	<0.005	0.02	8.9	2.0	0.03	959	0.29	0.25	0.5	37.5

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
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Finalized Date: 27-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141813

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
Q005831		4550	8.2	63.4	0.004	0.09	0.81	25.4	2	2.0	121.0	2.37	<0.05	7.4	1.105	1.09
Q005832		1060	32.6	24.4	<0.002	0.61	1.14	11.8	2	1.1	124.5	0.86	<0.05	2.2	0.455	0.35
Q005833		1550	9.8	39.6	<0.002	<0.01	0.45	16.8	1	1.3	33.3	1.45	<0.05	3.6	0.809	0.46
Q005834		1370	38.8	29.1	0.002	<0.01	1.09	12.9	1	0.9	15.1	0.94	<0.05	2.4	0.460	0.51
Q005835		1450	75.1	36.8	<0.002	<0.01	2.68	17.8	2	2.2	32.3	1.16	<0.05	3.2	0.617	0.85
Q005836		1130	34.9	29.0	0.002	0.09	1.22	13.4	1	2.2	113.5	1.04	<0.05	2.7	0.534	0.42
Q005837		1510	28.4	29.8	<0.002	0.03	0.68	14.4	1	1.0	70.6	1.19	<0.05	2.7	0.613	0.44
Q005838		2560	331	98.0	0.002	0.04	6.80	41.5	3	2.1	45.7	2.01	<0.05	10.4	0.920	2.36
Q005839		2600	147.0	92.3	0.004	0.04	5.55	45.3	3	3.7	44.8	2.11	<0.05	10.2	0.917	2.28
Q005840		1410	263	79.3	0.002	0.04	6.35	40.3	2	3.0	41.5	2.17	0.05	7.6	1.035	2.32
Q005841		4350	237	48.0	<0.002	0.06	6.53	24.9	9	1.2	31.1	0.45	0.12	6.2	0.259	1.22
Q005842		2110	124.0	62.8	0.004	0.04	5.11	38.9	4	3.3	38.3	2.25	<0.05	5.7	1.065	2.32
Q005843		3210	51.6	73.2	0.003	2.93	2.45	30.6	3	1.8	295	0.88	<0.05	14.4	0.472	4.43
Q005844		5340	51.0	66.8	0.003	0.26	15.65	9.2	2	1.7	267	3.41	0.16	15.0	0.231	1.89
Q013231		240	31.6	4.5	<0.002	<0.01	0.37	0.6	<1	0.2	14.2	<0.05	0.27	0.2	0.009	0.03
Q013232		140	4.9	10.9	<0.002	0.03	0.34	2.4	<1	0.2	6.5	0.08	<0.05	0.8	0.047	0.10
Q013233		270	2.4	1.0	<0.002	<0.01	0.18	2.8	<1	<0.2	754	0.08	<0.05	0.2	0.056	<0.02
Q013234		70	5.3	6.8	<0.002	<0.01	0.39	0.9	<1	0.2	10.2	<0.05	<0.05	0.6	0.016	0.04
Q013235		220	5.9	2.4	<0.002	<0.01	0.27	0.3	<1	<0.2	11.1	<0.05	<0.05	0.4	0.009	0.02
Q013236		240	34.0	53.6	0.002	<0.01	0.41	5.1	<1	0.9	34.9	0.21	0.05	5.1	0.096	0.24
Q013237		50	13.6	1.3	<0.002	0.01	0.34	0.2	<1	<0.2	8.1	<0.05	<0.05	0.2	<0.005	0.02
Q013238		210	5.6	10.5	<0.002	<0.01	0.42	2.1	<1	0.2	8.6	0.05	<0.05	0.7	0.028	0.11
Q013239		240	2.1	7.2	<0.002	0.01	0.41	1.5	1	0.2	15.8	0.06	<0.05	1.0	0.042	0.07
Q013240		340	30.8	4.8	<0.002	0.01	0.61	0.5	1	<0.2	35.7	<0.05	0.11	0.4	0.012	0.04
Q013241		640	10.6	46.7	<0.002	0.01	0.88	6.3	3	1.0	94.8	0.49	0.07	7.1	0.293	0.38
Q013242		650	17.3	4.9	<0.002	0.01	0.47	0.6	1	<0.2	41.9	<0.05	<0.05	0.5	0.016	0.05
Q013243		1540	35.2	6.7	<0.002	0.01	1.65	0.9	2	<0.2	87.7	0.05	0.11	0.9	0.019	0.06
Q013244		380	7.4	8.5	<0.002	<0.01	0.44	1.3	1	0.2	15.5	<0.05	0.07	0.7	0.017	0.10
Q013245		140	9.3	13.3	<0.002	<0.01	0.59	1.5	<1	0.3	5.1	0.10	0.05	0.5	0.038	0.07
Q013246		70	2.0	1.2	<0.002	<0.01	0.25	0.1	<1	<0.2	3.5	<0.05	<0.05	<0.2	<0.005	<0.02
Q013247		210	6.4	3.6	<0.002	<0.01	0.40	0.4	1	0.2	10.7	<0.05	<0.05	0.2	0.007	0.04
Q013248		310	14.4	50.2	0.002	0.04	1.44	4.7	3	1.3	49.1	0.63	0.05	2.6	0.133	0.45
Q013249		580	2.9	1.7	<0.002	0.01	1.20	0.5	<1	<0.2	15.0	<0.05	<0.05	0.6	0.009	0.08
Q013250		20	2.6	3.6	<0.002	<0.01	0.25	0.4	<1	0.2	1.0	<0.05	<0.05	<0.2	0.008	0.03
Q013251		650	1.3	1.7	<0.002	<0.01	0.13	0.2	1	<0.2	22.0	<0.05	<0.05	<0.2	<0.005	0.02
Q013252		90	3.8	0.9	<0.002	0.01	0.25	0.3	<1	<0.2	10.9	<0.05	<0.05	<0.2	<0.005	<0.02
Q013253		250	8.6	3.0	<0.002	0.01	0.33	1.0	2	<0.2	12.4	0.06	0.06	0.7	0.032	0.06
Q013254		170	11.9	3.8	<0.002	0.01	0.37	1.0	2	<0.2	7.1	<0.05	0.05	<0.2	<0.005	0.03
Q013255		470	2.1	12.7	<0.002	<0.01	0.22	1.5	2	0.2	22.6	0.05	<0.05	5.7	0.027	0.07
Q013256		200	4.2	1.5	<0.002	<0.01	0.25	0.5	1	<0.2	24.7	<0.05	0.05	<0.2	0.008	<0.02

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

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Finalized Date: 27-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141813

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Pb-OG62	Zn-OG62	Bi-OG62	Ba-XRF10
	Analyte	U	V	W	Y	Zn	Zr	Pb	Zn	Bi	Ba
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001	0.001	0.001	0.01
Q005831		9.7	324	2.1	26.4	149	253				
Q005832		0.5	105	0.6	8.9	123	19.6				
Q005833		1.5	166	0.7	12.3	306	62.9				
Q005834		1.3	107	0.5	13.3	518	24.2				
Q005835		2.3	156	1.4	15.5	260	21.6				
Q005836		0.8	123	0.8	9.6	182	19.6				
Q005837		1.1	128	0.5	10.5	214	24.8				
Q005838		14.1	438	5.0	19.5	293	394				
Q005839		12.1	429	3.6	21.0	331	387				
Q005840		10.5	433	6.1	15.7	336	398				
Q005841		11.0	217	2.1	24.7	791	184.0				
Q005842		12.8	440	4.2	7.8	236	397				
Q005843		8.2	334	2.2	15.3	42	307				
Q005844		8.6	113	0.6	13.4	62	243				
Q013231		0.1	8	0.1	1.3	8	2.5				
Q013232		0.4	13	0.4	0.9	17	11.3				
Q013233		0.1	10	<0.1	2.6	6	4.4				
Q013234		0.4	6	0.1	1.0	33	9.7				
Q013235		0.3	2	0.1	0.8	13	1.9				
Q013236		0.9	24	0.3	2.3	95	22.1				
Q013237		0.1	1	0.1	0.3	10	1.2				
Q013238		0.9	10	0.2	1.9	74	8.5				
Q013239		1.5	13	0.3	3.2	71	11.7				
Q013240		0.9	17	0.2	0.6	25	5.1				
Q013241		2.7	72	1.7	4.6	66	68.4				
Q013242		1.0	40	0.2	3.1	51	7.8				
Q013243		2.3	67	0.2	6.7	74	11.7				
Q013244		0.6	32	0.1	2.1	42	6.6				
Q013245		0.4	21	0.1	1.3	18	5.3				
Q013246		0.2	5	0.1	0.4	14	1.5				
Q013247		0.4	14	0.1	1.3	35	3.0				
Q013248		1.5	135	0.5	3.9	29	68.3				
Q013249		1.4	6	0.1	1.4	58	3.3				
Q013250		0.1	6	0.1	0.2	2	1.8				
Q013251		0.2	2	<0.1	4.4	11	1.1				
Q013252		0.4	1	<0.1	0.7	21	1.7				
Q013253		0.4	6	0.1	1.4	25	6.3				
Q013254		0.2	8	0.2	7.6	138	<0.5				
Q013255		0.7	20	0.5	3.2	6	8.1				
Q013256		0.1	2	1.0	5.4	34	1.4				

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Finalized Date: 27-AUG-2013
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Project: RAV

CERTIFICATE OF ANALYSIS WH13141813

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
Q013257		0.47	<0.01	0.04	0.61	1.5	30	0.05	0.14	0.26	0.09	9.47	2.4	22	0.07	20.2
Q013258		0.22	<0.01	0.01	0.03	3.9	<10	<0.05	0.02	<0.01	<0.02	3.25	1.0	31	<0.05	9.5
Q013259		0.33	<0.01	<0.01	0.01	2.0	<10	<0.05	0.01	<0.01	<0.02	6.61	0.4	21	<0.05	4.0
Q013260		0.23	<0.01	0.05	2.24	1.5	320	0.31	0.06	0.04	0.46	14.25	10.1	31	0.76	37.0
Q013261		0.20	<0.01	<0.01	0.03	0.5	10	<0.05	0.01	<0.01	0.06	0.26	0.6	17	<0.05	19.0
Q013262		0.32	<0.01	0.04	0.13	3.8	70	<0.05	0.08	0.04	0.10	4.07	1.1	21	0.05	21.8
Q013263		0.20	0.01	0.06	0.42	5.4	130	0.13	0.12	0.94	0.17	11.50	2.7	25	0.17	47.8
Q013264		0.37	<0.01	0.01	1.03	1.5	70	0.11	<0.01	0.01	0.03	7.26	1.2	21	0.22	10.5
Q013265		0.29	<0.01	<0.01	0.57	0.7	20	0.07	0.01	0.15	<0.02	2.89	0.6	17	0.10	6.3
Q013266		0.23	<0.01	0.06	0.19	1.9	20	0.14	0.11	0.01	0.08	2.90	3.9	19	0.26	24.5
Q013267		0.21	<0.01	0.04	0.51	1.2	50	0.19	0.09	0.14	0.06	15.15	6.5	21	0.23	15.5
Q013268		0.35	<0.01	0.06	0.80	1.9	120	0.30	0.09	0.10	0.07	53.8	7.2	28	0.42	17.9
Q013269		0.72	<0.01	0.19	0.44	0.4	50	0.25	0.01	5.15	0.03	6.44	6.4	7	7.03	2.7
Q013270		0.22	<0.01	0.22	4.81	12	470	0.96	0.05	10.20	0.10	44.0	45.7	193	2.23	79.4
Q013271		0.34	<0.01	0.31	9.85	16.2	1600	2.20	0.11	1.18	0.06	52.4	52.8	501	4.43	131.5
Q013272		0.22	0.02	3.98	9.52	112.5	7330	1.23	0.33	0.11	0.56	85.0	2.5	197	4.05	18.0
Q013273		0.07	<0.01	10.50	6.82	44.5	1820	1.32	0.52	6.24	9.37	83.8	24.2	354	5.82	84.6
Q013274		0.19	<0.01	0.68	6.17	61.8	3740	0.85	0.29	0.16	1.20	86.3	99.8	336	5.30	241
Q013275		0.19	<0.01	0.42	7.99	12.4	2550	1.60	0.38	0.35	0.35	62.4	138.5	407	6.01	278
Q013276		0.15	0.05	1.27	10.95	65.4	9550	1.77	0.32	1.04	5.50	86.1	71.3	199	4.05	130.5
Q013277		0.20	0.17	0.61	7.84	135.5	6150	1.23	2.46	0.15	1.25	16.40	95.0	420	1.44	406
Q013278		0.19	<0.01	0.07	0.55	<5	150	0.09	0.16	30.6	0.07	15.45	5.3	27	3.93	10.0
Q013279		0.16	<0.01	0.64	3.65	20.2	1480	3.31	37.7	3.28	1.07	31.7	10.6	50	14.80	470
Q013280		0.37	<0.01	0.46	3.39	17.2	1070	1.51	4.40	4.11	1.59	35.9	11.0	59	9.88	114.5
Q013281		0.14	0.64	0.40	2.64	52.0	290	1.22	463	6.65	0.58	11.10	47.7	21	3.18	74.7
Q013282		0.24	0.59	0.07	1.54	6	390	0.65	8.50	18.90	0.10	9.73	5.9	13	2.31	5.9
Q013283		0.30	<0.01	0.92	1.70	<5	60	245	4.70	11.25	0.08	88.4	10.2	2	0.58	1040
Q013284		0.38	<0.01	0.02	2.27	6	180	1.91	0.10	24.8	0.03	24.1	5.0	21	5.88	8.2
Q013551		0.30	<0.01	<0.01	0.46	3.0	40	1.00	0.14	0.25	0.07	1.17	0.9	12	0.09	11.3
Q013552		0.12	0.05	0.01	0.02	1280	10	<0.05	0.06	0.05	0.02	0.28	0.8	17	<0.05	4.9
Q013553		0.10	<0.01	0.04	2.07	5.2	120	0.52	0.09	2.28	0.10	19.15	3.1	18	0.43	8.8
Q013554		0.15	<0.01	0.05	0.08	2.4	10	<0.05	0.02	0.02	<0.02	0.47	0.4	17	<0.05	2.1
Q013555		0.11	<0.01	0.72	8.41	7.2	1060	2.06	0.04	5.50	0.11	118.0	14.1	5	4.10	11.4
Q013556		0.18	<0.01	0.01	0.12	1.5	50	<0.05	0.01	0.08	0.03	0.70	1.5	13	0.16	15.9
Q013557		0.15	<0.01	0.22	0.61	5.4	620	0.26	0.16	0.03	0.09	4.04	2.6	22	0.50	38.0
Q013558		0.08	<0.01	0.03	0.06	3.3	20	<0.05	0.09	0.06	0.10	0.94	1.3	12	0.06	9.2
Q013559		0.15	<0.01	0.01	1.35	3.1	210	0.27	0.15	0.16	0.07	34.5	13.0	16	0.46	4.5
Q013560		0.24	<0.01	0.08	1.42	12	270	0.42	0.07	12.95	0.49	22.5	5.6	15	0.86	12.9
Q013561		0.16	0.12	0.87	0.59	24.1	550	0.37	0.09	0.04	1.43	11.85	9.5	12	0.38	90.2
Q013562		0.09	0.03	0.30	0.31	24.0	290	0.14	0.07	0.01	0.45	3.99	7.8	9	0.19	60.9

***** 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: 27-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141813

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q013257		0.77	1.05	0.08	0.1	<0.01	<0.005	0.04	4.5	2.1	0.07	321	0.32	0.34	0.8	10.7
Q013258		1.25	0.23	0.07	<0.1	<0.01	<0.005	<0.01	1.7	0.3	<0.01	102	0.49	<0.01	0.2	5.9
Q013259		0.67	0.22	0.07	<0.1	<0.01	<0.005	<0.01	3.6	0.5	<0.01	67	0.46	<0.01	0.8	2.8
Q013260		2.13	3.49	0.11	0.5	0.01	0.015	0.32	7.5	6.6	0.18	120	2.49	0.99	2.9	32.1
Q013261		0.94	0.18	0.05	<0.1	<0.01	<0.005	<0.01	<0.5	1.3	<0.01	88	0.53	0.01	0.1	4.8
Q013262		1.10	0.33	0.07	<0.1	0.01	<0.005	0.03	2.1	1.0	0.01	62	0.82	0.01	0.1	8.4
Q013263		1.52	1.06	0.11	0.1	0.01	<0.005	0.11	4.9	3.1	0.04	94	1.11	0.01	0.4	26.6
Q013264		0.93	1.32	0.08	0.2	<0.01	<0.005	0.09	3.8	2.1	0.05	61	0.40	0.55	2.8	6.8
Q013265		0.48	0.75	0.06	0.1	<0.01	<0.005	0.05	1.2	1.2	0.02	41	0.28	0.31	1.0	5.0
Q013266		4.71	0.49	0.15	0.1	<0.01	<0.005	0.05	1.3	0.8	0.02	162	2.00	0.03	0.7	15.8
Q013267		1.28	1.30	0.08	0.2	<0.01	0.005	0.19	7.9	3.7	0.06	168	0.74	<0.01	2.1	18.0
Q013268		1.59	2.32	0.11	0.6	<0.01	0.009	0.33	28.8	6.1	0.09	186	1.07	0.01	5.6	21.1
Q013269		43.8	16.30	1.54	0.1	<0.01	0.007	0.27	4.9	4.1	1.85	187	0.10	<0.01	3.8	27.7
Q013270		7.92	14.85	0.30	1.4	0.01	0.044	1.97	21.4	9.7	0.33	351	0.29	0.21	17.6	176.0
Q013271		9.12	30.2	0.36	1.7	0.04	0.092	4.26	23.6	21.9	0.43	164	0.42	0.51	15.7	193.0
Q013272		7.08	29.3	0.34	1.2	0.06	0.069	4.83	39.1	17.9	0.73	14	3.81	0.08	21.5	19.4
Q013273		5.86	20.5	0.27	0.9	0.09	0.070	2.96	35.8	18.5	0.33	3180	2.78	0.10	37.2	60.7
Q013274		19.45	17.80	0.66	4.2	0.29	0.100	2.88	44.0	10.6	0.53	601	29.8	0.09	13.7	551
Q013275		16.80	25.0	0.59	0.9	0.06	0.129	3.91	24.2	9.0	0.66	534	1.99	0.12	15.0	568
Q013276		6.01	33.5	0.37	3.3	0.07	0.042	5.30	35.8	32.7	0.83	238	1.97	0.07	33.3	255
Q013277		21.6	15.30	0.65	2.4	0.03	0.028	3.51	7.1	6.9	0.41	133	7.93	0.04	2.2	431
Q013278		1.03	1.91	0.10	0.2	<0.01	0.008	0.53	8.2	12.8	2.28	858	0.66	0.02	5.1	12.3
Q013279		15.50	11.85	0.42	0.9	0.02	0.042	1.66	17.4	52.6	3.40	370	12.85	0.42	8.2	40.6
Q013280		15.45	8.88	0.47	0.9	0.02	0.050	1.04	19.4	25.1	2.54	413	6.89	0.38	10.1	45.0
Q013281		14.95	9.88	0.44	0.6	<0.01	0.081	1.10	4.4	17.3	6.08	364	86.6	0.07	5.2	192.0
Q013282		1.43	5.43	0.11	0.5	<0.01	0.013	0.90	5.2	12.0	10.40	998	2.97	0.03	2.8	11.0
Q013283		17.55	14.60	0.49	0.4	<0.01	2.74	0.09	44.9	5.7	0.68	7780	15.15	0.37	52.9	5.8
Q013284		1.27	5.68	0.10	0.3	<0.01	0.030	1.02	11.3	31.8	5.84	428	0.36	0.09	3.2	10.8
Q013551		0.49	0.73	<0.05	0.1	<0.01	0.010	0.02	0.5	2.2	0.05	441	0.43	<0.01	0.4	2.5
Q013552		0.84	0.20	0.06	<0.1	<0.01	<0.005	0.01	<0.5	0.9	0.02	78	0.31	<0.01	0.1	3.0
Q013553		2.34	9.00	0.10	0.5	<0.01	0.010	0.67	9.9	35.4	1.76	422	0.44	0.02	2.0	5.1
Q013554		0.68	0.25	<0.05	<0.1	<0.01	<0.005	0.01	<0.5	0.4	0.01	157	0.33	0.05	0.1	2.5
Q013555		4.18	16.25	0.22	3.0	<0.01	0.053	0.56	60.7	27.2	1.30	1180	0.82	4.61	118.0	0.9
Q013556		1.01	0.45	<0.05	<0.1	<0.01	0.005	0.04	<0.5	1.3	0.01	1120	0.70	0.01	0.2	3.7
Q013557		1.48	1.80	0.05	0.1	<0.01	0.007	0.21	1.9	3.3	0.05	423	0.52	0.12	0.6	12.6
Q013558		1.76	0.42	0.05	<0.1	<0.01	<0.005	0.02	0.5	0.5	0.01	397	0.83	0.01	0.2	4.3
Q013559		2.52	4.17	0.10	0.6	<0.01	0.013	0.14	21.1	28.6	0.56	2320	0.66	0.05	6.9	18.3
Q013560		2.62	3.28	0.08	0.8	0.14	0.025	0.47	10.2	4.6	3.09	2130	1.53	0.45	2.7	7.4
Q013561		5.31	2.38	0.12	0.2	<0.01	0.053	0.20	5.2	2.6	0.04	12900	2.00	0.05	0.6	23.8
Q013562		3.02	1.33	0.08	0.1	<0.01	0.014	0.11	1.8	1.3	0.02	5190	2.14	0.03	0.3	22.6

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

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To: **ATAC RESOURCES LTD.**
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Finalized Date: 27-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141813

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
Q013257		190	11.9	2.3	<0.002	<0.01	0.20	0.5	1	<0.2	44.3	0.06	0.06	0.8	0.030	<0.02
Q013258		60	2.8	0.1	<0.002	<0.01	0.17	0.1	1	<0.2	0.4	<0.05	<0.05	0.2	<0.005	<0.02
Q013259		30	1.0	0.1	<0.002	<0.01	0.16	0.1	1	<0.2	0.4	<0.05	<0.05	0.5	0.008	<0.02
Q013260		410	5.4	16.8	<0.002	0.01	0.45	3.3	2	0.4	31.8	0.18	0.06	2.2	0.072	0.09
Q013261		70	0.9	0.2	<0.002	<0.01	0.14	0.1	1	<0.2	0.6	<0.05	<0.05	<0.2	<0.005	<0.02
Q013262		440	2.9	1.9	<0.002	0.04	0.69	0.2	1	<0.2	113.5	<0.05	0.07	0.2	<0.005	0.02
Q013263		4710	4.2	6.0	<0.002	0.03	0.74	0.7	2	<0.2	325	<0.05	0.12	0.6	0.012	0.04
Q013264		130	1.7	4.5	<0.002	0.02	0.15	0.7	1	<0.2	12.3	0.12	<0.05	0.8	0.038	0.03
Q013265		740	1.1	2.4	<0.002	<0.01	0.11	0.4	1	<0.2	24.9	<0.05	<0.05	0.3	0.012	0.02
Q013266		250	5.9	2.7	<0.002	0.01	0.16	0.8	2	<0.2	4.1	<0.05	0.06	0.6	0.012	0.02
Q013267		690	4.3	7.6	<0.002	0.01	0.24	0.8	2	0.2	11.9	0.08	0.05	1.3	0.028	0.03
Q013268		560	5.4	14.0	<0.002	0.01	0.30	1.3	2	0.3	10.6	0.20	<0.05	4.8	0.066	0.06
Q013269		1050	2.8	15.5	<0.002	<0.01	0.16	1.1	1	0.2	41.2	0.11	0.32	0.5	0.065	0.09
Q013270		1210	5.0	33.8	<0.002	7.99	0.46	17.0	2	1.2	49.0	0.95	0.10	3.5	0.477	0.25
Q013271		570	8.4	69.3	<0.002	2.73	0.92	33.5	2	2.3	47.1	0.86	0.10	5.4	0.437	0.51
Q013272		2160	489	100.5	<0.002	0.34	55.4	22.4	4	2.6	119.0	1.27	0.12	6.1	0.640	2.95
Q013273		2620	1220	93.4	<0.002	0.05	19.15	24.1	3	1.6	26.2	1.90	0.08	4.9	1.060	0.83
Q013274		3410	40.0	51.0	0.004	0.15	8.91	21.5	7	1.3	49.2	0.79	0.19	7.4	0.417	1.69
Q013275		2260	29.7	56.5	<0.002	0.07	1.59	33.5	3	1.8	31.8	0.83	0.14	5.6	0.457	0.85
Q013276		5930	113.5	112.0	<0.002	0.03	4.34	29.3	6	4.3	68.9	1.93	0.08	7.1	0.915	2.84
Q013277		1240	57.3	78.8	<0.002	0.15	4.96	21.0	4	1.3	15.0	0.07	0.16	2.1	0.090	2.05
Q013278		110	2.2	24.2	<0.002	<0.01	0.16	2.8	2	0.5	294	0.24	0.05	0.6	0.097	0.20
Q013279		630	26.0	268	0.002	0.07	2.26	6.6	3	4.4	90.1	0.73	0.15	4.3	0.242	1.47
Q013280		620	28.5	95.0	0.003	0.43	2.02	7.0	4	3.4	91.7	1.09	0.15	4.4	0.259	1.02
Q013281		90	36.3	35.9	0.044	4.92	8.15	4.4	3	3.5	47.8	0.27	0.39	3.9	0.128	0.48
Q013282		60	2.2	34.7	<0.002	0.04	0.32	2.9	2	1.0	101.5	0.16	0.06	1.9	0.079	0.33
Q013283		50	6.0	4.5	0.036	0.67	0.18	1.1	3	14.0	46.1	3.67	0.27	3.9	0.038	0.61
Q013284		180	0.9	48.7	<0.002	0.43	0.06	4.0	1	1.8	244	0.19	<0.05	3.0	0.110	0.34
Q013551		50	0.9	1.0	<0.002	0.01	0.11	0.7	1	<0.2	3.8	<0.05	<0.05	<0.2	0.005	<0.02
Q013552		20	0.7	0.4	<0.002	0.06	0.38	0.1	2	<0.2	0.7	<0.05	6.39	<0.2	<0.005	<0.02
Q013553		270	8.1	22.4	<0.002	0.02	0.39	4.0	1	0.4	17.4	0.14	<0.05	2.6	0.053	0.21
Q013554		30	0.8	0.4	<0.002	<0.01	0.18	0.1	1	<0.2	3.0	<0.05	<0.05	<0.2	<0.005	<0.02
Q013555		2410	6.6	11.9	<0.002	0.02	1.17	2.4	3	1.1	3240	5.84	0.08	8.0	1.080	0.09
Q013556		260	2.0	2.2	<0.002	<0.01	0.20	0.9	1	<0.2	11.7	<0.05	<0.05	<0.2	<0.005	<0.02
Q013557		120	6.4	10.0	<0.002	0.01	0.28	1.7	1	0.3	10.8	<0.05	0.05	0.6	0.015	0.05
Q013558		80	1.6	0.8	<0.002	<0.01	0.53	0.2	1	<0.2	2.5	<0.05	<0.05	<0.2	<0.005	<0.02
Q013559		640	1.8	8.4	<0.002	<0.01	0.55	3.1	1	0.5	18.3	0.43	0.07	2.2	0.143	0.05
Q013560		370	14.3	20.0	0.021	1.22	0.47	3.4	2	0.5	220	0.18	<0.05	2.4	0.081	0.16
Q013561		350	5.0	8.4	<0.002	0.01	0.27	2.7	1	0.3	16.3	<0.05	0.47	0.5	0.012	0.13
Q013562		200	5.1	4.4	<0.002	<0.01	0.18	0.9	1	<0.2	5.0	<0.05	0.14	0.2	0.005	0.09

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Finalized Date: 27- AUG- 2013
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Project: RAV

CERTIFICATE OF ANALYSIS WH13141813

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Pb-OG62	Zn-OG62	Bi-OG62	Ba-XRF10
	Analyte	U	V	W	Y	Zn	Zr	Pb	Zn	Bi	Ba
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001	0.001	0.001	0.01
Q013257		0.1	3	0.3	3.3	18	4.3				
Q013258		0.1	1	0.1	0.2	14	<0.5				
Q013259		0.1	1	0.2	0.2	2	1.9				
Q013260		1.8	27	0.5	5.6	82	20.9				
Q013261		0.1	1	<0.1	0.2	11	<0.5				
Q013262		0.5	3	0.1	1.8	16	1.1				
Q013263		1.0	9	0.2	18.1	48	3.8				
Q013264		0.3	5	0.3	1.1	19	8.0				
Q013265		0.2	2	0.1	5.2	5	2.7				
Q013266		1.0	3	0.2	7.3	31	7.6				
Q013267		0.6	8	0.2	4.0	36	10.0				
Q013268		1.1	14	0.4	5.2	42	28.5				
Q013269		0.2	121	1.7	5.5	62	5.1				
Q013270		0.7	154	0.5	11.2	60	59.0				
Q013271		0.9	328	0.6	7.0	108	75.4				
Q013272		1.9	291	5.4	4.3	106	60.3				
Q013273		2.0	249	7.4	13.4	1120	44.1				
Q013274		16.9	196	0.6	21.3	342	205				
Q013275		2.0	289	0.5	16.2	195	39.4				
Q013276		7.0	334	4.1	25.7	725	151.0				
Q013277		12.2	264	3.3	8.9	212	97.0				
Q013278		0.3	13	0.3	7.4	12	6.9				
Q013279		5.5	90	142.5	11.1	199	35.7				
Q013280		3.2	101	17.2	12.2	251	32.3				
Q013281		4.1	37	101.0	4.8	71	22.3				
Q013282		2.6	20	5.5	4.5	16	16.4				
Q013283		2.9	9	4670	34.3	277	9.6				
Q013284		0.9	20	15.5	8.7	17	9.1				
Q013551		0.1	2	21.4	0.6	6	2.1				
Q013552		<0.1	1	0.7	0.1	2	0.5				
Q013553		0.6	59	0.9	7.6	52	17.2				
Q013554		<0.1	1	0.2	0.2	<2	0.5				
Q013555		1.7	176	0.6	20.8	67	153.0				
Q013556		0.2	1	0.1	1.8	7	0.6				
Q013557		0.2	13	0.3	1.9	35	4.9				
Q013558		0.1	2	0.1	0.4	12	1.3				
Q013559		1.0	19	1.1	6.7	58	23.2				
Q013560		0.7	25	0.3	9.7	18	27.2				
Q013561		1.5	18	0.2	3.6	97	6.8				
Q013562		0.9	9	0.1	2.3	50	4.2				

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

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

Finalized Date: 27-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141813

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
Q013563		0.20	<0.01	0.17	1.68	2.1	510	0.30	0.10	0.01	0.06	9.30	1.3	22	0.69	17.7
Q013564		0.09	<0.01	0.26	1.39	39.9	880	0.76	0.15	0.06	0.86	16.95	12.0	40	1.28	133.5
Q013565		0.12	<0.01	0.17	0.46	1.6	60	0.06	0.70	0.01	0.04	1.08	4.0	18	0.14	11.2
Q013566		0.17	<0.01	0.20	0.65	2.7	140	0.07	0.59	0.01	0.05	2.50	0.7	19	0.14	14.1
Q013567		0.10	<0.01	0.01	0.03	1.4	20	<0.05	0.09	0.02	0.02	0.35	0.5	16	<0.05	4.9
Q013568		0.15	<0.01	0.04	0.94	6.0	290	0.27	0.24	0.17	0.02	3.20	3.1	30	0.83	27.9
Q013569		0.13	0.30	0.57	0.64	13.3	80	0.06	0.48	0.01	0.17	1.11	2.6	18	0.13	70.0
Q013570		0.05	0.07	0.03	0.27	2.7	50	0.06	0.02	<0.01	0.02	1.11	1.1	21	0.09	12.3
Q013571		0.16	0.01	0.78	0.12	2.0	120	<0.05	0.56	0.01	0.02	0.62	0.5	25	0.06	22.3
Q013572		0.34	<0.01	0.58	0.76	0.8	100	0.09	0.24	0.10	0.04	2.69	1.3	23	0.21	21.0
Q013573		0.23	<0.01	0.24	4.69	1.6	2680	1.65	0.39	0.05	0.10	33.7	2.9	50	4.08	45.6
Q013574		0.05	<0.01	0.04	0.33	1.0	480	0.26	0.02	0.02	0.02	6.24	1.0	53	0.42	9.9
Q013575		0.12	0.01	0.07	0.66	1.6	300	0.10	0.04	0.30	1.55	3.08	6.4	21	0.18	21.7
Q013576		0.16	0.13	1.73	0.29	224	130	0.11	2.84	0.01	0.24	13.75	1.2	33	0.28	18.9
Q013577		0.14	<0.01	0.11	6.04	4.4	580	0.54	0.26	2.40	1.40	23.3	4.9	46	1.66	7.6
Q013578		0.05	0.01	0.64	1.31	13.3	700	0.35	0.44	0.04	0.25	26.6	4.4	32	1.73	214
Q013579		0.14	<0.01	0.35	4.21	15.8	3670	1.47	0.21	0.01	0.35	38.1	1.4	67	5.03	313
Q013580		0.13	0.10	3.55	1.57	11.1	>10000	0.50	0.29	0.04	1.98	20.6	34.1	37	0.40	412
Q013581		0.26	<0.01	0.02	0.03	1.1	60	<0.05	0.01	<0.01	<0.02	0.22	0.3	24	<0.05	5.3
Q013582		0.23	<0.01	0.01	0.31	1.8	170	0.05	0.04	0.03	0.06	1.64	4.0	11	0.07	5.6
Q013583		0.43	<0.01	0.01	0.06	3.0	30	<0.05	0.04	0.02	<0.02	0.65	0.4	36	<0.05	17.1
Q013584		0.32	1.01	11.30	0.18	1420	310	0.29	87.8	0.15	16.95	11.90	16.9	11	0.06	340
Q013585		0.19	0.01	1.46	4.00	50.5	2660	0.60	0.74	1.01	1.06	71.4	8.2	123	1.66	39.6
Q013586		0.22	8.92	23.0	0.03	2650	2610	0.05	371	0.16	3.93	9.63	11.8	27	<0.05	8.3
Q013587		0.19	8.10	8.70	0.23	3320	60	0.05	3600	15.05	1.79	2.35	3.3	8	0.05	43.7
Q013588		0.16	9.62	5.36	0.04	2250	30	0.08	155.0	21.4	2.93	2.91	10.1	3	<0.05	6.8
Q013589		0.11	0.86	8.96	1.06	1240	820	0.75	127.0	5.85	26.9	5.32	12.6	11	0.28	86.8
Q013590		0.26	0.12	4.67	0.55	5100	270	0.27	35.0	0.30	1.54	11.10	9.8	17	0.73	12.9
Q013591		0.19	0.06	1.52	8.58	188.5	5570	1.37	0.73	0.44	0.24	19.75	71.1	380	2.00	313
Q013592		0.15	0.07	2.01	1.56	309	620	0.80	0.87	0.33	3.88	15.00	54.0	169	0.19	312
Q013593		0.28	0.08	0.58	5.29	39.6	4690	1.29	0.55	0.58	0.10	32.4	1.9	249	1.48	10.5
Q013594		0.20	0.01	0.33	2.78	19.3	2670	0.59	2.48	0.16	0.05	15.70	0.5	119	0.89	10.7
Q013595		0.25	0.07	1.06	3.53	130.0	2460	1.18	0.76	0.32	0.42	63.6	62.1	224	0.91	186.5
Q013596		0.14	0.08	0.67	3.15	101.0	2970	1.16	1.01	0.38	0.34	44.7	20.3	152	0.79	95.7
Q013597		0.30	0.25	0.37	12.65	185.0	8640	9.34	41.1	0.29	0.04	1.78	16.2	594	2.92	48.9
Q013598		0.27	0.36	0.26	2.84	226	1050	2.44	19.25	22.5	0.16	12.60	44.2	118	3.16	90.9
Q013599		0.42	0.19	0.19	3.82	78	1640	2.64	9.10	20.7	0.26	15.85	17.2	135	4.56	37.5
Q013600		0.23	0.19	0.46	4.14	328	2450	2.81	49.8	20.7	1.03	12.45	36.5	132	0.96	67.6
Q013601		0.11	0.26	0.39	12.00	438	8440	9.47	37.9	0.56	0.05	1.36	20.3	607	2.42	57.5
Q013602		0.31	0.34	0.40	4.24	257	2340	2.99	36.3	19.05	0.17	20.2	54.1	167	1.58	100.5

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Finalized Date: 27-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141813

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q013563		1.08	2.83	0.06	0.4	<0.01	0.009	0.28	4.8	3.6	0.05	216	0.34	0.84	2.9	9.6
Q013564		8.64	3.77	0.21	1.3	0.01	0.031	0.52	10.0	7.9	0.13	269	5.82	0.09	2.0	146.0
Q013565		1.44	0.71	0.05	0.1	<0.01	<0.005	0.05	0.6	0.6	0.01	245	0.45	0.28	0.2	40.7
Q013566		1.14	0.95	<0.05	0.1	<0.01	<0.005	0.06	1.4	1.0	0.02	100	0.57	0.40	1.0	4.4
Q013567		0.72	0.19	<0.05	<0.1	<0.01	<0.005	0.01	<0.5	1.0	0.01	71	0.33	<0.01	0.1	4.7
Q013568		1.97	2.66	0.06	<0.1	<0.01	0.008	0.36	1.2	6.9	0.07	123	0.40	0.06	0.4	12.8
Q013569		1.46	0.96	0.05	<0.1	<0.01	0.005	0.05	0.5	0.9	0.02	109	0.38	0.40	0.2	12.8
Q013570		1.87	0.65	<0.05	<0.1	<0.01	<0.005	0.04	0.6	0.6	0.01	190	0.85	0.15	0.2	8.2
Q013571		1.67	0.33	0.05	<0.1	<0.01	<0.005	0.04	<0.5	0.3	0.01	113	0.37	0.05	0.3	4.9
Q013572		0.95	0.99	0.05	0.1	<0.01	0.005	0.07	1.1	1.5	0.02	66	0.24	0.43	0.3	10.7
Q013573		2.27	12.40	0.11	1.6	<0.01	0.044	1.77	17.6	26.9	0.61	82	0.55	0.51	6.0	14.4
Q013574		2.64	1.45	0.08	0.3	<0.01	<0.005	0.12	3.3	1.3	0.03	283	1.02	0.04	3.1	6.1
Q013575		1.80	1.16	0.05	0.1	0.01	0.005	0.08	1.6	1.3	0.14	664	0.51	0.35	0.5	29.8
Q013576		1.27	1.10	0.07	0.9	0.02	<0.005	0.11	7.1	1.8	0.03	71	1.66	0.01	1.9	6.2
Q013577		0.94	12.15	0.11	2.4	<0.01	0.014	4.41	11.9	16.0	1.45	1080	0.26	0.08	9.9	20.2
Q013578		13.45	3.59	0.28	0.5	0.05	0.044	0.53	14.4	4.7	0.20	196	1.30	0.10	1.9	8.4
Q013579		23.4	13.00	0.68	2.0	0.04	0.065	1.44	19.2	17.4	0.53	80	3.47	0.38	4.9	4.5
Q013580		17.40	3.52	0.40	0.4	0.01	0.040	0.62	13.2	3.8	0.08	5220	2.13	0.08	2.3	116.0
Q013581		0.51	0.20	<0.05	<0.1	<0.01	<0.005	0.01	<0.5	0.5	<0.01	61	0.19	<0.01	0.1	1.8
Q013582		0.85	0.74	<0.05	<0.1	0.01	<0.005	0.05	0.6	1.1	0.04	2940	0.15	<0.01	0.3	15.0
Q013583		0.47	0.30	<0.05	<0.1	<0.01	<0.005	0.01	<0.5	0.5	<0.01	53	0.28	<0.01	0.1	3.0
Q013584		>50	1.16	1.46	0.1	0.27	0.022	0.07	5.8	0.8	0.09	641	23.4	0.01	1.7	449
Q013585		5.16	11.65	0.18	3.7	0.06	0.045	1.53	41.9	3.9	0.25	61	4.49	0.06	14.3	64.6
Q013586		>50	0.54	1.29	<0.1	0.07	0.014	0.01	6.2	0.2	0.16	260	12.25	0.01	1.6	98.6
Q013587		24.4	1.66	0.57	0.4	0.04	0.014	0.02	1.5	0.5	0.24	495	2.14	0.02	1.3	18.5
Q013588		19.70	0.32	0.39	<0.1	0.12	0.027	0.01	2.2	0.2	0.19	397	0.52	<0.01	0.6	46.8
Q013589		40.9	5.84	1.16	0.5	0.81	0.019	0.48	5.6	5.5	0.19	230	44.8	0.01	2.2	187.0
Q013590		>50	1.79	1.14	0.2	0.08	0.072	0.19	5.7	2.6	0.24	890	4.69	0.01	2.5	75.4
Q013591		20.4	16.85	0.48	2.3	0.05	0.028	4.32	8.6	12.3	0.62	67	15.35	0.09	5.0	305
Q013592		19.30	5.35	0.40	0.3	0.16	0.061	0.33	8.5	2.1	0.22	267	23.0	0.01	1.0	757
Q013593		1.08	10.80	0.11	3.2	0.03	0.021	2.56	19.6	11.1	0.43	42	2.00	0.03	40.5	33.3
Q013594		0.62	5.38	0.08	1.9	0.02	0.009	1.37	9.0	7.7	0.26	35	0.62	0.01	18.5	10.9
Q013595		17.00	8.77	0.38	1.9	0.10	0.046	1.55	32.5	5.0	0.28	516	51.3	0.03	8.1	426
Q013596		10.20	6.26	0.25	2.0	0.05	0.023	1.39	20.5	6.2	0.35	121	13.05	0.02	6.7	193.5
Q013597		4.85	58.0	0.17	5.0	0.02	0.037	6.60	0.9	57.5	0.75	53	3.32	0.10	25.4	67.4
Q013598		10.80	5.79	0.27	1.3	0.03	0.023	1.24	6.0	10.9	0.51	97	6.49	0.03	3.4	207
Q013599		4.04	6.99	0.12	1.4	0.01	0.016	1.87	7.4	18.3	4.75	132	1.54	0.03	6.5	91.3
Q013600		11.35	17.15	0.27	2.0	0.03	0.017	1.91	6.4	16.7	0.74	1240	13.90	0.03	6.2	181.5
Q013601		6.73	58.6	0.22	4.9	0.01	0.031	6.57	0.7	55.6	0.65	99	4.04	0.09	22.0	73.4
Q013602		14.85	7.42	0.34	1.5	0.04	0.021	1.80	9.8	9.6	0.46	130	9.49	0.03	5.6	246

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CERTIFICATE OF ANALYSIS WH13141813

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
Q013563		110	4.4	13.6	<0.002	0.01	0.34	2.6	1	0.3	18.3	0.15	<0.05	1.4	0.065	0.12
Q013564		1250	17.3	24.8	<0.002	0.07	1.12	3.9	6	0.4	128.5	0.09	0.05	1.8	0.047	0.21
Q013565		80	17.7	2.4	<0.002	<0.01	0.22	0.5	1	<0.2	7.7	<0.05	0.08	0.2	0.006	0.02
Q013566		150	43.1	2.8	<0.002	0.02	0.26	0.5	2	0.2	20.3	0.05	0.08	0.2	0.022	0.02
Q013567		30	0.7	0.4	<0.002	<0.01	0.08	0.1	1	<0.2	2.9	<0.05	<0.05	<0.2	<0.005	<0.02
Q013568		800	11.7	15.6	<0.002	<0.01	0.26	1.0	2	0.3	29.4	<0.05	<0.05	0.3	0.008	0.08
Q013569		60	13.3	2.4	<0.002	0.01	0.34	1.0	2	0.2	10.2	<0.05	0.55	<0.2	0.006	0.02
Q013570		50	1.3	1.8	<0.002	<0.01	0.12	0.4	1	<0.2	4.7	<0.05	<0.05	<0.2	0.005	<0.02
Q013571		150	35.5	1.0	<0.002	0.09	1.51	0.3	3	<0.2	11.4	<0.05	0.09	<0.2	<0.005	<0.02
Q013572		530	10.8	3.7	<0.002	0.01	0.35	0.8	2	<0.2	37.2	<0.05	0.37	0.2	0.008	0.03
Q013573		500	23.6	83.3	<0.002	0.01	0.60	8.2	2	1.5	53.6	0.38	0.16	4.7	0.195	0.54
Q013574		100	1.5	6.0	<0.002	0.01	3.04	0.6	1	0.2	5.4	0.14	<0.05	0.7	0.055	0.08
Q013575		480	1.9	4.1	<0.002	0.01	1.75	0.9	1	<0.2	45.6	<0.05	<0.05	0.4	0.013	0.04
Q013576		260	111.5	5.3	<0.002	0.01	1.07	0.5	3	0.2	8.3	0.08	1.19	1.7	0.050	0.04
Q013577		370	13.5	49.6	<0.002	<0.01	0.44	5.0	1	1.2	16.5	0.75	<0.05	8.0	0.271	0.55
Q013578		480	7.1	21.8	<0.002	0.15	2.70	1.9	3	0.4	13.9	0.10	0.22	2.2	0.057	0.25
Q013579		1080	10.2	62.3	0.002	0.16	2.81	8.9	6	1.3	16.0	0.26	0.17	6.9	0.155	0.70
Q013580		1760	20.8	15.9	0.002	0.16	4.01	4.3	16	0.3	152.5	0.08	0.25	2.0	0.054	0.16
Q013581		20	<0.5	0.4	<0.002	<0.01	0.15	0.1	1	<0.2	0.5	<0.05	<0.05	<0.2	<0.005	<0.02
Q013582		60	2.3	2.3	<0.002	<0.01	0.14	1.0	1	<0.2	7.0	<0.05	<0.05	0.2	0.007	<0.02
Q013583		90	1.3	0.5	<0.002	<0.01	0.26	0.2	1	<0.2	3.1	<0.05	<0.05	<0.2	<0.005	<0.02
Q013584		2130	4400	2.0	0.002	0.05	145.5	2.3	9	0.6	2.1	<0.05	0.48	0.7	0.005	2.01
Q013585		9860	115.5	23.3	0.011	0.32	2.86	14.1	3	1.1	193.0	0.84	0.12	4.5	0.346	0.73
Q013586		710	271	0.1	0.003	0.09	75.5	0.3	10	<0.2	4.9	<0.05	0.30	<0.2	<0.005	0.06
Q013587		810	628	0.8	<0.002	0.08	177.5	0.3	11	0.6	5.8	<0.05	2.46	<0.2	0.010	0.06
Q013588		290	177.5	0.3	<0.002	0.05	6.63	0.5	3	<0.2	4.8	<0.05	0.07	<0.2	<0.005	0.10
Q013589		1590	3240	16.2	<0.002	0.03	42.2	1.6	4	1.5	2.6	0.07	0.37	0.5	0.015	0.34
Q013590		920	212	5.9	<0.002	0.07	27.1	2.0	5	0.5	5.0	0.06	0.15	0.6	0.029	0.22
Q013591		3400	27.1	93.3	<0.002	0.10	17.65	40.8	2	1.3	30.2	0.21	0.08	3.5	0.185	2.51
Q013592		3920	217	8.2	0.002	0.14	11.55	19.6	2	<0.2	50.9	0.05	0.05	2.8	0.019	1.11
Q013593		670	10.4	68.3	<0.002	0.04	3.74	11.7	1	1.6	8.5	2.12	0.05	4.6	0.886	1.65
Q013594		450	6.0	36.0	<0.002	0.01	1.69	4.7	1	0.7	5.9	1.07	<0.05	2.5	0.362	0.95
Q013595		2530	10.4	42.6	<0.002	0.31	11.45	5.5	2	0.9	41.2	0.43	0.07	6.3	0.171	4.07
Q013596		1500	9.1	37.5	<0.002	0.04	7.66	6.1	2	0.9	8.6	0.38	0.07	4.6	0.172	1.27
Q013597		780	49.0	126.5	<0.002	0.01	11.55	21.4	2	16.7	14.0	1.22	0.43	2.3	0.766	2.39
Q013598		1720	19.0	36.2	<0.002	0.07	8.00	16.6	2	2.5	29.4	0.14	<0.05	2.9	0.094	3.06
Q013599		1400	9.9	51.8	<0.002	0.01	3.38	12.6	1	3.2	36.0	0.30	<0.05	1.7	0.205	1.32
Q013600		1030	35.9	60.5	<0.002	0.02	14.60	9.1	1	4.9	12.0	0.27	0.50	3.3	0.184	2.69
Q013601		710	39.4	125.5	<0.002	0.01	10.10	16.9	2	17.5	16.4	0.99	0.28	1.4	0.629	2.21
Q013602		2210	24.0	52.5	<0.002	0.16	10.05	16.0	2	3.1	124.0	0.25	0.07	3.5	0.176	2.66

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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-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141813

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Pb-OG62	Zn-OG62	Bi-OG62	Ba-XRF10
	Analyte	U	V	W	Y	Zn	Zr	Pb	Zn	Bi	Ba
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001	0.001	0.001	0.01
Q013563		0.7	15	0.4	1.5	30	13.7				
Q013564		6.4	99	0.4	11.8	985	56.5				
Q013565		0.2	2	0.1	0.8	47	2.2				
Q013566		0.3	7	0.2	1.1	15	4.7				
Q013567		0.1	1	0.1	0.2	14	1.0				
Q013568		0.4	8	0.1	4.0	50	1.1				
Q013569		0.1	2	0.1	0.6	32	1.2				
Q013570		0.1	3	0.1	0.5	10	1.8				
Q013571		0.2	3	0.1	0.6	30	0.8				
Q013572		0.4	4	0.1	2.3	41	2.1				
Q013573		2.3	137	1.1	3.8	78	53.0				
Q013574		0.9	23	0.2	0.8	12	11.7				
Q013575		0.3	18	0.1	2.1	188	5.7				
Q013576		1.0	10	0.5	1.8	19	27.6				
Q013577		1.6	44	0.9	5.5	163	73.7				
Q013578		1.1	30	0.3	2.0	201	16.9				
Q013579		3.7	275	1.0	3.6	270	75.5				
Q013580		1.1	68	0.4	9.6	364	18.9				1.35
Q013581		<0.1	2	<0.1	0.1	3	0.6				
Q013582		0.3	2	0.1	0.9	25	1.7				
Q013583		0.1	1	0.1	0.4	2	0.6				
Q013584		24.4	43	85.8	10.4	>10000	5.6		1.295		
Q013585		22.3	126	2.5	13.0	135	148.5				
Q013586		6.3	13	164.0	4.5	1280	0.5				
Q013587		4.6	13	11.6	1.8	200	14.3				
Q013588		3.8	31	4.1	2.7	302	1.0				
Q013589		4.1	95	73.2	13.4	>10000	17.0		1.165		
Q013590		28.0	37	9.6	6.8	351	7.1				
Q013591		37.1	255	0.9	6.6	124	86.5				
Q013592		15.7	131	3.9	12.9	425	11.8				
Q013593		5.7	143	2.0	5.1	13	124.5				
Q013594		3.1	65	0.8	3.1	15	71.1				
Q013595		12.5	193	2.9	15.1	41	73.9				
Q013596		13.5	104	2.0	15.5	38	77.0				
Q013597		8.2	336	29.5	1.8	62	175.5				
Q013598		14.9	101	3.9	8.5	165	70.8				
Q013599		9.1	90	3.6	6.9	84	54.8				
Q013600		9.0	94	23.6	5.2	109	74.1				
Q013601		7.2	360	28.2	1.6	58	169.0				
Q013602		19.5	115	9.6	10.3	221	62.9				

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1016-510 W HASTINGS ST
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Finalized Date: 27-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141813

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
Q013603		0.23	0.19	0.44	3.37	452	1550	3.20	29.8	8.60	0.31	34.3	118.0	193	1.54	243
Q013604		0.33	0.20	0.25	3.22	340	1360	2.59	16.00	20.5	0.14	18.35	72.6	161	2.85	136.0
Q013605		0.33	0.20	0.19	3.89	108	1590	2.38	11.15	21.5	0.05	15.55	16.2	125	3.70	44.0
Q013606		0.42	0.06	0.97	0.09	344	60	0.18	4.74	26.3	2.32	4.60	3.2	<1	0.11	3.0
Q013607		0.23	0.90	11.35	0.10	928	80	0.07	292	23.1	3.33	3.51	4.5	7	0.09	10.4
Q013608		0.41	0.19	3.40	0.07	246	70	0.16	9.79	24.7	0.88	3.13	5.4	1	0.05	2.4
Q013609		0.25	0.16	14.25	8.79	121.0	>10000	3.52	8.60	2.00	25.6	87.7	30.4	349	9.23	95.2
Q013610		0.19	0.02	4.57	4.35	41	5490	1.07	0.22	11.35	119.0	66.3	23.3	135	1.80	43.3
Q013611		0.40	0.09	19.80	6.44	112.0	>10000	2.08	6.45	5.53	43.1	79.5	41.1	255	4.99	162.0
Q013612		0.24	0.04	22.1	2.47	338	2540	0.56	0.36	1.04	11.95	38.2	115.5	115	0.92	761
Q013613		0.34	0.12	53.7	4.02	160.0	560	1.55	2.41	0.14	28.5	26.9	11.9	159	6.50	656
Q013614		0.42	<0.01	0.75	3.92	20	3540	0.76	0.05	13.70	3.21	51.6	21.9	132	1.41	43.5
Q013615		0.39	<0.01	0.60	4.13	64	3860	0.78	0.06	12.20	2.66	51.6	23.9	140	1.34	61.8
Q013616		0.37	0.06	2.14	4.32	38	2400	1.13	15.75	12.35	2.38	62.2	31.4	134	3.10	66.4
Q013617		0.44	0.41	3.14	4.46	298	3290	1.14	1560	10.55	3.07	71.1	31.4	171	2.16	71.1
Q013618		0.24	0.02	0.30	8.79	20.4	7290	2.01	13.20	0.23	0.57	102.0	71.5	545	4.35	71.9
Q013619		0.23	0.04	0.74	7.51	47.6	6770	1.66	24.5	0.41	0.72	82.6	62.7	444	3.04	70.9
Q013620		0.24	0.02	0.45	9.70	38.0	5050	1.87	4.34	0.12	0.34	51.3	2.3	481	3.97	19.6
Q013621		0.19	0.03	4.29	10.70	53.8	8340	1.98	11.20	1.21	2.79	135.0	51.4	600	4.96	107.0
Q013622		0.24	0.01	0.37	9.30	12.6	3610	1.57	0.86	0.29	1.83	97.9	55.9	528	3.00	221
Q013623		0.36	<0.01	0.22	6.94	<5	1170	1.63	0.18	12.20	0.78	77.4	44.5	257	6.72	78.4
Q013624		0.30	0.01	1.13	5.70	28	3030	0.94	0.12	15.30	1.10	84.9	30.2	240	2.55	53.5
Q013625		0.25	0.01	1.21	10.10	37.6	5580	1.72	0.75	0.41	1.69	87.5	54.3	448	4.87	99.1
Q013626		0.16	0.01	1.24	8.45	18.2	3570	1.44	0.14	1.28	1.08	93.7	65.2	144	3.46	69.4
Q013627		0.22	<0.01	0.94	8.62	25.6	4860	1.67	0.22	0.26	12.05	31.7	70.2	531	4.84	138.5
Q013628		0.56	0.01	9.44	9.57	77.8	4670	1.81	0.13	0.63	6.14	99.2	76.6	454	5.35	211
Q013629		0.16	<0.01	2.75	9.92	34.4	5190	1.73	0.61	0.26	0.89	79.3	39.7	490	5.26	47.1
Q013630		0.38	1.14	4.95	1.32	2710	1350	0.80	642	13.10	10.10	88.3	15.7	54	1.37	1015
Q013631		0.36	0.02	1.21	6.51	585	6070	1.92	1.02	0.41	0.78	76.1	73.3	129	2.55	152.5
Q013632		0.37	0.01	0.11	6.25	28	4920	1.36	1.86	14.70	4.09	101.5	77.1	318	3.75	101.5
Q013633		0.30	0.05	0.58	8.43	27.7	6970	1.89	0.34	2.66	1.69	97.7	62.7	494	3.22	97.8
Q013634		0.31	0.02	0.24	5.94	27.0	5100	1.45	0.65	0.32	0.89	56.5	71.7	362	2.48	113.0
Q013635		0.30	0.03	0.78	7.34	103.0	7060	2.10	1.19	0.42	1.91	231	77.1	337	2.54	138.5
Q013636		0.25	0.01	0.40	9.92	38.0	9070	2.03	0.97	0.46	0.21	124.0	19.4	539	4.39	23.3
Q013637		0.26	0.26	28.9	0.08	283	90	0.22	>10000	0.42	2.71	2.47	0.5	8	0.10	1040
Q013638		0.29	0.15	1.02	3.25	9	1660	0.70	870	21.3	1.21	53.8	26.3	162	1.50	50.8
Q013639		0.24	0.02	0.24	6.84	22	2680	1.48	61.5	14.70	0.27	119.0	49.0	255	4.22	146.5
Q013640		0.10	0.01	0.40	6.66	33.7	1830	1.66	429	0.34	1.23	26.9	50.3	317	3.37	336
Q013641		0.08	0.03	1.88	3.39	228	1540	1.00	33.6	0.41	4.94	26.8	109.0	126	1.91	487
Q013642		0.38	0.01	0.68	9.27	51.0	5330	1.53	70.3	0.63	1.55	96.7	37.6	310	3.72	70.0

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Finalized Date: 27-AUG-2013
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Project: RAV

CERTIFICATE OF ANALYSIS WH13141813

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q013603		30.9	7.10	0.70	1.5	0.03	0.029	1.38	21.5	9.5	0.38	550	14.50	0.02	2.5	603
Q013604		14.70	6.77	0.32	1.8	0.03	0.027	1.48	10.5	13.8	0.52	763	7.84	0.03	3.9	380
Q013605		4.12	7.31	0.13	1.4	0.01	0.015	1.99	8.1	16.7	1.25	117	2.01	0.03	6.9	70.7
Q013606		7.70	0.41	0.17	<0.1	0.03	0.021	0.03	3.1	1.3	4.99	537	1.69	0.01	0.6	16.0
Q013607		13.90	0.63	0.27	<0.1	0.04	0.016	0.02	2.3	0.5	0.22	626	1.29	0.01	0.6	20.5
Q013608		7.64	0.42	0.16	<0.1	0.02	0.014	0.03	1.9	1.2	6.54	474	4.96	0.01	0.3	37.6
Q013609		11.65	27.3	0.28	4.4	0.38	0.111	4.12	42.8	26.9	1.39	722	13.95	0.06	11.3	67.8
Q013610		4.55	13.10	0.15	1.8	0.32	0.060	2.07	31.5	17.9	7.07	823	3.14	0.04	13.9	64.8
Q013611		13.25	19.60	0.31	2.7	0.66	0.155	3.01	38.0	22.3	3.40	1040	12.90	0.05	14.1	108.5
Q013612		33.6	7.19	0.80	0.9	0.18	0.137	1.16	21.0	5.6	0.65	604	13.10	0.03	3.9	422
Q013613		23.8	13.65	0.48	2.8	1.26	0.160	1.78	14.1	17.4	0.27	440	27.1	0.04	3.9	46.4
Q013614		3.32	11.95	0.12	0.7	0.02	0.039	1.86	26.0	10.1	7.28	1080	0.66	0.03	17.9	56.6
Q013615		3.03	11.85	0.10	0.8	0.02	0.045	1.94	25.9	10.2	7.33	901	0.89	0.03	17.3	51.8
Q013616		5.01	11.90	0.16	1.3	0.09	0.057	2.07	34.3	10.8	3.35	814	3.25	0.16	20.8	95.1
Q013617		6.02	12.10	0.16	1.8	0.08	0.101	2.05	39.2	9.4	5.70	791	3.38	0.06	15.6	134.0
Q013618		12.10	27.3	0.31	1.4	0.06	0.096	4.46	46.6	22.2	0.89	400	1.87	0.08	12.4	284
Q013619		13.80	22.1	0.32	1.4	0.04	0.114	3.72	37.9	19.4	0.79	554	10.70	0.07	8.9	278
Q013620		1.40	31.0	0.13	0.8	0.06	0.045	5.15	18.9	16.5	0.69	25	0.76	0.11	51.8	28.2
Q013621		3.78	31.7	0.23	5.7	0.06	0.096	5.61	60.7	26.0	0.89	125	2.50	0.13	33.3	182.0
Q013622		7.62	29.2	0.28	2.4	0.08	0.096	5.25	39.7	15.8	0.90	140	3.01	0.07	16.2	270
Q013623		4.42	20.4	0.18	1.5	0.01	0.083	3.71	37.0	7.3	0.42	626	1.26	0.11	44.1	141.0
Q013624		3.86	16.65	0.16	4.3	0.14	0.139	2.78	50.2	9.9	0.71	358	2.88	0.07	27.0	129.0
Q013625		9.82	28.0	0.29	3.0	0.10	0.110	4.96	40.3	20.5	0.98	282	3.85	0.10	12.8	192.0
Q013626		11.35	23.6	0.31	1.0	0.10	0.062	4.19	41.7	13.2	0.73	421	2.03	0.09	18.5	166.5
Q013627		11.35	29.1	0.29	1.4	0.07	0.087	5.05	11.8	24.1	0.77	391	1.08	0.10	10.1	187.0
Q013628		9.92	29.7	0.23	1.6	0.15	0.130	5.20	43.5	22.8	0.97	241	1.11	0.10	10.7	278
Q013629		7.69	30.4	0.18	1.3	0.07	0.079	5.45	37.0	23.0	0.97	277	1.99	0.11	15.1	135.0
Q013630		13.85	4.84	0.15	0.9	0.17	0.712	0.52	63.5	6.9	6.51	2400	5.50	0.02	4.3	106.0
Q013631		19.45	18.70	0.19	5.0	0.2	0.122	2.96	44.4	15.2	0.51	267	46.2	0.07	19.5	658
Q013632		6.32	19.35	0.16	2.2	<0.1	0.070	3.23	51.9	15.5	0.90	2430	5.42	0.06	33.4	248
Q013633		6.76	25.8	0.22	1.4	0.1	0.073	4.30	44.8	17.1	1.74	432	26.9	0.08	21.4	272
Q013634		18.80	18.15	0.15	0.7	0.1	0.062	3.02	25.7	13.3	0.65	600	2.74	0.06	9.3	392
Q013635		16.85	22.1	0.24	2.3	0.1	0.075	3.63	152.5	14.6	0.72	369	48.2	0.07	8.8	306
Q013636		4.04	31.3	0.20	2.2	<0.1	0.049	5.19	59.7	26.8	0.86	98	2.73	0.11	26.5	73.6
Q013637		0.27	0.25	1.97	0.1	<0.1	0.009	0.03	3.1	0.6	0.03	39	1.18	<0.01	0.3	3.0
Q013638		3.44	9.17	0.16	0.6	0.1	0.050	1.57	29.9	4.1	0.40	722	1.35	0.04	16.9	67.8
Q013639		5.85	20.5	0.19	3.2	<0.1	0.083	3.41	57.5	9.7	0.55	723	2.37	0.09	36.3	170.5
Q013640		27.8	17.10	0.21	1.0	0.1	0.142	3.59	9.9	10.4	0.46	1560	2.98	0.12	14.6	1280
Q013641		42.5	8.65	0.52	0.6	0.3	0.200	1.57	14.4	5.2	0.31	3330	4.69	0.05	7.4	386
Q013642		6.88	22.7	0.16	6.4	0.1	0.097	4.52	57.6	12.1	0.63	102	60.1	0.12	19.5	185.0

***** 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: 27- AUG- 2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141813

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
Q013603		4840	26.9	36.7	<0.002	0.43	14.50	15.2	2	2.2	204	0.09	0.06	5.5	0.068	12.30
Q013604		2470	16.8	46.3	<0.002	0.29	9.72	16.9	1	2.7	43.6	0.17	0.05	4.3	0.113	14.50
Q013605		1120	10.9	55.8	<0.002	0.26	3.98	13.2	2	3.4	47.4	0.32	<0.05	3.2	0.213	2.55
Q013606		550	48.7	1.0	<0.002	<0.01	2.03	0.6	2	<0.2	27.2	<0.05	<0.05	<0.2	<0.005	0.21
Q013607		520	335	0.8	<0.002	0.01	8.87	0.5	3	0.2	5.1	<0.05	0.18	<0.2	<0.005	0.67
Q013608		460	39.0	1.1	<0.002	<0.01	3.54	0.3	2	<0.2	36.7	<0.05	<0.05	<0.2	<0.005	0.43
Q013609		3490	7060	116.5	<0.002	0.27	21.2	29.2	4	9.3	58.7	0.63	0.06	7.5	0.356	5.30
Q013610		2150	2120	51.9	<0.002	0.12	9.42	15.8	2	2.7	56.7	0.82	<0.05	3.5	0.405	1.34
Q013611		3130	9570	79.3	<0.002	0.34	33.7	23.5	5	7.5	52.7	0.81	0.05	5.5	0.442	3.37
Q013612		1100	781	26.5	<0.002	0.20	136.0	11.1	4	1.1	12.0	0.19	<0.05	2.2	0.118	0.88
Q013613		4900	>10000	57.4	0.002	0.96	95.9	14.3	4	12.7	77.0	0.19	0.05	3.1	0.120	4.98
Q013614		1390	153.0	42.9	<0.002	0.02	6.42	15.7	1	1.3	115.0	1.01	<0.05	2.8	0.497	0.83
Q013615		1600	99.4	45.6	<0.002	0.02	14.55	15.3	2	1.5	100.0	1.02	<0.05	3.3	0.495	0.91
Q013616		2310	402	43.2	<0.002	0.03	8.78	12.9	2	1.5	125.0	1.20	0.05	4.7	0.524	0.83
Q013617		3540	444	43.0	<0.002	0.03	36.0	13.0	3	5.5	65.2	0.98	0.36	4.2	0.429	1.13
Q013618		1520	41.8	92.8	<0.002	0.05	2.84	29.3	2	2.2	27.2	0.79	<0.05	6.5	0.431	1.73
Q013619		2360	53.5	86.2	<0.002	0.08	10.40	27.8	2	5.9	34.1	0.58	<0.05	6.4	0.334	1.53
Q013620		590	30.9	86.6	<0.002	0.14	2.50	33.1	2	2.9	26.8	3.25	<0.05	4.9	1.650	1.77
Q013621		5050	259	73.8	0.002	0.01	6.73	32.0	3	2.2	33.3	2.00	0.05	8.5	0.971	2.55
Q013622		2180	61.1	60.5	<0.002	0.04	1.20	34.9	2	2.4	27.9	0.98	<0.05	6.5	0.562	0.98
Q013623		1590	59.1	66.1	<0.002	<0.01	0.80	27.4	1	1.8	19.3	2.67	<0.05	5.3	1.355	0.74
Q013624		2720	33.5	51.6	0.003	<0.01	1.58	20.2	3	1.4	20.7	1.59	0.05	5.2	0.762	1.11
Q013625		1680	179.5	84.9	<0.002	0.02	4.57	35.3	3	2.4	16.4	0.79	0.05	8.2	0.443	2.02
Q013626		3730	62.1	68.6	<0.002	0.02	1.97	22.9	2	1.6	35.1	1.14	<0.05	5.6	0.610	1.36
Q013627		1350	344	52.0	<0.002	0.04	5.07	35.7	2	2.3	23.4	0.60	<0.05	4.3	0.364	2.00
Q013628		3140	700	78.7	<0.002	0.06	32.9	45.5	2	2.4	54.3	0.69	<0.05	5.9	0.424	2.25
Q013629		890	509	87.1	<0.002	0.04	5.11	41.1	1	2.5	22.2	0.95	<0.05	5.6	0.538	2.33
Q013630		2630	1500	18.5	<0.002	<0.01	137.5	5.1	2	>500	39.7	0.25	0.61	1.6	0.126	2.52
Q013631		6310	85.5	67.8	<0.002	0.36	20.5	11.2	10	7.1	291	1.43	0.26	11.3	0.280	2.72
Q013632		2380	126.5	72.6	<0.002	<0.01	1.58	25.1	1	4.8	22.6	2.00	<0.05	5.3	0.981	1.57
Q013633		4080	60.8	86.6	<0.002	0.04	5.47	28.7	2	3.0	44.3	1.43	<0.05	6.2	0.849	1.97
Q013634		2270	50.6	58.6	<0.002	0.04	2.22	22.5	1	2.0	11.7	0.63	<0.05	4.0	0.349	1.26
Q013635		3830	154.0	75.6	0.002	0.11	11.40	29.4	4	5.1	56.5	0.58	<0.05	5.6	0.343	2.01
Q013636		4020	24.6	89.9	<0.002	0.03	3.63	34.7	2	3.2	26.3	1.52	0.05	6.0	0.775	2.35
Q013637		210	3410	0.7	0.010	7.04	7950	0.3	766	38.6	4.3	0.07	109.0	2.0	0.013	0.19
Q013638		1240	21.3	27.4	<0.002	0.01	9.31	13.1	1	1.3	133.0	1.04	0.09	2.4	0.544	0.35
Q013639		2650	12.3	72.5	<0.002	0.01	1.93	35.9	1	2.0	16.7	1.98	<0.05	5.7	1.055	0.72
Q013640		1900	44.5	32.1	<0.002	0.05	8.93	24.6	2	2.1	19.2	0.89	0.13	2.6	0.485	1.12
Q013641		1240	180.0	25.6	<0.002	0.06	110.0	17.1	1	1.3	10.3	0.45	<0.05	1.9	0.301	3.46
Q013642		3520	100.0	83.2	<0.002	0.08	6.35	20.4	2	2.3	61.1	1.22	0.07	7.3	0.716	2.66

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To: **ATAC RESOURCES LTD.**
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Finalized Date: 27- AUG- 2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141813

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Pb-OG62	Zn-OG62	Bi-OG62	Ba-XRF10
	Analyte	U	V	W	Y	Zn	Zr	Pb	Zn	Bi	Ba
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001	0.001	0.001	0.01
Q013603		33.5	155	9.0	15.4	338	90.0				
Q013604		16.3	140	6.3	7.4	217	98.6				
Q013605		7.4	102	4.6	5.0	83	55.6				
Q013606		2.1	22	3.5	4.3	181	2.3				
Q013607		2.5	32	6.8	3.3	194	0.8				
Q013608		2.5	30	7.9	3.0	426	0.9				
Q013609		9.1	314	12.5	15.9	6910	172.5				1.09
Q013610		3.2	145	2.9	14.4	4120	68.7				
Q013611		7.6	229	7.8	16.1	9130	106.0				1.16
Q013612		8.4	90	1.1	12.8	5060	34.0				
Q013613		7.6	180	9.9	4.7	8680	102.0	6.06			
Q013614		1.0	139	1.1	10.3	601	25.0				
Q013615		1.1	142	1.3	10.3	610	29.2				
Q013616		5.6	144	2.1	14.2	909	50.9				
Q013617		8.3	148	13.7	13.6	729	67.0				
Q013618		2.2	289	1.1	12.4	148	53.6				
Q013619		3.8	243	2.0	12.2	148	54.9				
Q013620		0.8	365	2.4	3.3	40	30.1				
Q013621		10.0	407	4.2	18.1	290	220				
Q013622		3.7	328	1.2	15.3	320	95.5				
Q013623		2.6	283	1.0	19.0	874	59.9				
Q013624		8.2	201	1.0	17.7	116	165.5				
Q013625		4.7	337	1.6	16.2	281	120.5				
Q013626		1.4	257	0.7	14.8	316	42.9				
Q013627		1.6	361	0.8	7.8	426	57.1				
Q013628		2.5	353	4.1	14.6	1830	69.1				
Q013629		1.8	367	2.6	7.6	388	57.0				
Q013630		8.0	74	41.6	13.4	3590	34.3				
Q013631		13.4	189	1.8	17.9	406	214				
Q013632		2.2	221	1.0	15.1	294	41.2				
Q013633		1.8	285	1.4	19.4	208	65.1				
Q013634		2.2	202	0.6	7.8	199	23.2				
Q013635		5.8	262	4.6	14.8	605	96.7				
Q013636		2.7	350	1.1	7.0	62	98.7				
Q013637		20.7	5	220	2.2	187	1.5			>30.0	
Q013638		1.5	119	0.9	11.1	188	23.8				
Q013639		3.2	270	1.0	17.2	159	114.5				
Q013640		3.0	267	2.6	9.7	1170	43.2				
Q013641		3.3	142	4.6	11.3	1190	21.5				
Q013642		10.9	301	2.4	14.1	240	292				

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Finalized Date: 27-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141813

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
Q013643		0.21	0.04	12.75	10.45	156.5	7200	1.24	8.80	0.47	2.10	107.5	58.9	416	4.95	104.5
Q013644		0.40	0.02	4.24	11.25	125.5	7650	1.38	31.6	1.42	2.38	192.5	71.8	580	5.13	166.0
Q013645		0.63	0.01	3.37	10.75	69.7	7220	1.33	7.71	1.08	1.92	137.0	52.4	519	5.03	198.0
Q013646		0.23	0.02	0.42	0.27	47.4	210	0.06	9.34	0.01	0.03	2.15	0.6	22	0.14	9.4
Q013647		0.53	<0.01	0.28	0.90	4.6	670	0.31	142.0	0.08	0.33	5.61	1.9	37	0.45	21.6
Q013648		0.33	<0.01	0.16	0.67	3.5	270	0.17	2.76	0.01	0.20	5.26	0.8	29	0.35	18.7
Q013649		0.57	<0.01	0.22	0.34	4.1	30	<0.05	43.1	0.08	0.15	3.75	2.6	30	0.08	18.1
Q013650		0.29	<0.01	0.02	0.02	7.6	10	<0.05	1.21	<0.01	<0.02	0.13	0.3	22	<0.05	3.5
Q013651		0.57	0.04	2.97	3.09	28.6	670	0.68	8.41	0.12	0.05	25.6	3.5	41	1.82	6.1
Q013652		0.52	<0.01	0.02	1.46	15.2	270	0.34	13.00	0.05	0.22	7.24	13.7	29	0.85	23.3
Q013653		0.26	<0.01	0.03	0.03	3.0	10	<0.05	0.81	0.02	<0.02	0.20	0.4	18	<0.05	4.0
Q013654		0.52	<0.01	0.01	0.03	1.2	10	<0.05	7.82	0.01	<0.02	0.28	0.2	33	<0.05	1.6
Q013655		1.16	<0.01	0.39	0.19	2.2	120	0.08	9.32	0.01	0.03	2.96	0.4	38	0.15	10.6
Q013656		0.35	0.01	0.02	0.02	0.8	10	<0.05	0.86	<0.01	<0.02	0.09	0.2	29	<0.05	2.2
Q013657		0.33	<0.01	0.01	0.03	2.7	10	<0.05	9.27	0.01	0.02	0.21	0.2	26	<0.05	7.4
Q013658		0.15	0.01	0.25	1.24	151.5	600	1.08	3.74	0.35	16.45	27.5	3.4	81	2.14	107.0
Q013659		0.20	<0.01	0.05	0.24	21.7	100	4.53	1.23	7.87	56.4	19.60	34.9	19	0.38	100.5
Q013660		0.21	0.02	0.26	1.47	353	260	0.87	23.8	0.30	1.08	26.1	4.4	120	2.08	160.0
Q013661		0.19	0.01	0.14	1.64	54.4	890	1.38	1.53	0.17	7.29	13.75	14.8	64	2.01	36.8
Q013662		0.27	0.15	0.76	1.94	843	1640	1.28	23.7	0.28	1.04	13.40	1.7	85	2.03	210
Q013663		0.21	0.12	1.90	0.92	613	260	0.22	47.7	0.17	0.16	32.1	1.0	79	0.57	11.5
Q013664		0.39	0.01	0.16	0.79	138.0	140	0.39	2.50	0.06	3.1	7.54	5.3	22	0.54	230
Q013665		0.35	0.13	2.49	0.72	210	100	0.28	25.1	0.10	0.38	12.45	1.3	28	0.33	31.6
Q013666		0.23	0.03	0.69	0.82	1390	190	0.76	11.45	0.37	1.89	13.60	1.2	71	0.91	106.0
Q013667		0.37	0.05	2.56	0.35	1225	410	0.30	783	0.47	2.16	4.97	31.6	21	0.17	344
Q013668		0.31	0.21	2.51	0.94	586	190	0.17	63.0	0.42	0.30	0.77	37.6	35	0.16	91.7
Q013669		0.29	0.16	5.01	2.43	455	200	0.49	71.9	0.06	0.17	1.99	4.7	36	0.10	212
Q013670		0.29	0.01	2.22	0.73	27.0	60	0.31	0.76	0.30	13.95	1.56	2.5	33	0.30	441
Q013671		0.25	<0.01	0.03	0.13	70.2	6460	0.09	41.0	0.03	0.02	4.14	0.1	5	0.19	2.5
Q013672		0.26	0.01	0.90	4.58	74.1	1720	2.73	2.11	4.99	2.40	109.5	4.5	76	2.85	44.5
Q013673		0.37	<0.01	0.10	7.88	5.3	1590	0.80	1.34	5.30	0.14	111.0	34.0	80	23.5	57.1
Q013674		0.28	<0.01	1.04	1.72	118	120	0.93	2.18	14.70	2.17	131.0	3.7	32	1.30	61.6
Q013675		0.31	<0.01	0.13	1.87	22	440	1.34	0.47	10.50	1.68	21.9	5.9	32	1.33	30.1
Q013676		0.12	<0.01	1.41	1.15	8	130	0.78	0.81	10.90	1.23	68.4	0.3	21	0.68	2.7
Q013677		0.24	<0.01	0.83	1.86	<5	120	1.13	1.26	12.25	0.42	52.6	0.2	32	1.06	1.7
Q013678		0.18	<0.01	0.98	1.59	176.5	320	1.04	3.29	5.02	1.55	64.5	3.1	31	0.97	66.8
Q013679		0.20	<0.01	0.58	5.17	435	1860	5.82	0.50	1.99	0.7	124.0	6.6	103	4.30	179.0
Q013680		0.26	<0.01	0.23	2.53	74.0	670	1.94	0.49	2.12	8.55	30.6	8.6	46	1.59	61.1
Q013681		0.25	0.01	0.47	3.58	100.5	1090	1.43	1.95	2.15	8.35	41.1	19.8	75	4.37	73.5
Q013682		0.20	0.01	11.65	0.98	55.8	270	0.72	1.15	3.24	133.5	6.97	7.0	58	0.76	3230

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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-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141813

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q013643		6.08	25.3	0.17	8.9	0.2	0.073	5.32	52.5	13.4	0.81	135	4.31	0.14	24.8	198.0
Q013644		5.03	26.2	0.31	9.9	0.1	0.147	5.89	92.5	13.9	0.86	114	4.15	0.16	26.1	211
Q013645		4.10	25.7	0.27	8.9	0.1	0.131	5.42	67.7	12.7	0.78	84	3.19	0.14	34.7	179.0
Q013646		0.92	0.74	0.08	0.1	<0.1	<0.005	0.08	1.1	1.4	0.04	43	0.48	0.07	0.6	3.1
Q013647		1.07	2.08	0.07	0.3	<0.1	0.008	0.26	2.9	3.6	0.10	92	0.53	0.25	1.0	12.9
Q013648		1.33	1.36	0.07	0.2	0.01	0.005	0.16	2.6	3.1	0.06	36	0.27	0.24	0.8	4.8
Q013649		0.70	0.45	0.06	<0.1	<0.01	<0.005	0.02	1.5	0.7	0.01	100	0.23	0.22	0.3	11.0
Q013650		0.25	0.07	0.06	<0.1	<0.01	<0.005	<0.01	<0.5	1.9	<0.01	36	0.28	<0.01	<0.1	2.8
Q013651		2.04	6.00	0.08	0.8	0.01	0.010	0.77	11.7	5.7	0.06	300	0.40	1.03	2.3	10.8
Q013652		4.23	4.64	0.08	0.2	0.01	0.018	0.35	3.6	24.0	0.29	7940	0.28	0.03	0.8	22.6
Q013653		0.47	0.23	<0.05	<0.1	0.01	<0.005	0.01	<0.5	0.9	<0.01	65	0.24	<0.01	<0.1	3.5
Q013654		0.16	0.18	<0.05	<0.1	<0.01	<0.005	0.01	<0.5	1.1	<0.01	55	0.16	0.01	0.1	1.2
Q013655		0.62	0.62	0.05	0.1	0.01	0.005	0.06	1.5	1.5	0.01	45	0.78	0.04	1.1	2.8
Q013656		0.25	0.10	0.13	<0.1	<0.01	<0.005	<0.01	<0.5	1.1	<0.01	26	0.18	<0.01	<0.1	1.4
Q013657		0.37	0.11	<0.05	<0.1	<0.01	<0.005	0.01	<0.5	1.2	<0.01	29	0.17	<0.01	0.1	2.8
Q013658		6.80	3.29	0.12	0.7	0.11	0.066	0.59	25.3	5.5	0.15	83	184.5	0.01	2.9	250
Q013659		8.09	0.64	0.11	0.4	0.03	0.022	0.08	17.6	3.6	4.45	4680	90.7	<0.01	0.6	1070
Q013660		8.68	4.27	0.09	1.1	0.08	0.087	0.17	33.7	3.2	0.39	31	113.5	0.09	4.4	97.8
Q013661		4.06	4.22	0.09	0.8	0.08	0.037	0.78	12.4	7.0	0.20	946	176.0	0.01	3.2	248
Q013662		5.95	5.42	0.15	0.9	0.54	0.538	0.87	11.6	5.5	0.17	33	109.0	0.02	2.4	68.5
Q013663		8.22	5.84	0.15	0.7	0.06	0.111	0.12	22.4	2.8	0.23	42	167.0	0.08	2.1	11.2
Q013664		43.7	1.43	0.24	0.1	0.04	0.196	0.10	4.3	1.4	0.06	55	481	0.04	0.7	187.5
Q013665		2.13	2.89	0.13	0.3	0.04	0.111	0.07	8.7	1.5	0.19	33	78.5	0.06	1.2	31.3
Q013666		10.75	2.76	0.29	0.3	0.01	1.380	0.19	10.7	1.8	0.18	46	314	0.03	1.4	67.1
Q013667		22.9	1.94	0.44	0.2	0.02	4.42	0.03	3.1	1.2	0.15	1140	222	0.03	0.3	185.0
Q013668		9.39	4.87	0.16	0.3	0.02	0.081	0.02	0.5	1.4	0.33	42	167.0	0.09	0.4	73.7
Q013669		13.65	12.75	0.18	0.3	0.02	1.215	0.05	1.3	3.0	0.70	212	108.0	0.22	0.2	46.1
Q013670		0.97	2.74	0.13	0.1	0.12	1.200	0.06	1.0	1.9	0.25	109	14.55	0.06	0.5	20.0
Q013671		0.36	0.57	0.09	0.1	0.01	<0.005	0.04	4.7	0.6	0.03	15	9.26	<0.01	0.2	2.1
Q013672		3.88	14.30	0.23	3.0	0.23	0.039	2.30	71.8	21.0	0.51	198	110.5	0.06	32.8	95.6
Q013673		7.75	23.0	0.17	1.9	<0.01	0.105	0.66	56.8	50.2	4.37	1360	4.72	2.62	39.0	78.6
Q013674		6.46	5.60	0.22	1.3	0.16	0.068	0.82	87.2	7.6	0.31	101	121.0	0.06	10.8	73.0
Q013675		2.06	5.58	0.12	1.0	0.04	0.027	0.97	14.0	8.5	1.63	171	109.0	0.03	6.0	138.0
Q013676		0.43	3.85	0.22	0.7	0.34	0.010	0.58	45.5	5.0	0.09	13	9.07	0.01	9.2	5.7
Q013677		0.16	5.93	0.22	1.2	0.22	<0.005	0.93	34.1	7.8	0.13	10	3.00	0.02	16.4	2.9
Q013678		12.70	5.12	0.21	1.3	0.15	0.052	0.81	41.3	6.3	0.16	46	61.6	0.02	9.8	54.4
Q013679		17.45	16.20	0.33	4.4	0.35	0.074	2.58	84.2	22.1	0.54	119	449	0.06	28.1	296
Q013680		6.50	7.03	0.10	0.9	0.04	0.026	1.19	20.8	8.8	1.23	169	122.0	0.03	4.7	268
Q013681		16.55	10.55	0.14	1.4	0.08	0.149	1.28	22.5	16.0	0.54	396	92.6	0.21	7.9	417
Q013682		1.29	9.56	0.11	0.2	2.70	0.316	0.37	5.6	5.6	1.78	317	1.86	0.04	0.3	300

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VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141813

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
Q013643		1580	1595	90.4	0.002	0.06	33.0	37.0	2	2.7	38.8	1.48	0.06	7.5	0.706	2.65
Q013644		5250	440	90.8	<0.002	0.04	10.35	42.9	4	2.4	51.4	1.52	0.07	8.9	0.753	2.60
Q013645		4400	230	93.5	0.004	0.03	4.55	40.7	4	2.2	57.7	2.01	0.05	9.1	0.970	2.32
Q013646		70	10.4	3.1	<0.002	0.03	4.59	0.6	2	0.3	4.7	<0.05	0.08	0.3	0.018	0.04
Q013647		360	8.7	11.9	<0.002	0.04	2.65	1.8	1	0.4	26.6	0.06	<0.05	0.8	0.036	0.10
Q013648		220	14.6	7.9	<0.002	0.04	1.02	1.0	<1	0.3	65.3	0.05	<0.05	0.7	0.030	0.06
Q013649		390	18.1	1.2	<0.002	0.01	0.80	0.4	<1	0.2	30.3	<0.05	0.09	<0.2	0.006	<0.02
Q013650		20	1.3	0.2	<0.002	<0.01	0.17	0.1	1	<0.2	0.6	<0.05	<0.05	<0.2	<0.005	<0.02
Q013651		630	318	37.3	<0.002	<0.01	0.42	3.4	1	0.7	62.1	0.16	0.93	3.7	0.077	0.23
Q013652		470	6.1	18.9	<0.002	<0.01	0.93	3.1	<1	0.4	41.9	0.06	<0.05	1.2	0.034	0.11
Q013653		90	2.4	0.3	<0.002	<0.01	0.19	0.1	<1	<0.2	2.3	<0.05	<0.05	<0.2	<0.005	<0.02
Q013654		50	0.9	0.5	<0.002	<0.01	0.21	0.1	<1	<0.2	4.9	<0.05	<0.05	<0.2	<0.005	<0.02
Q013655		110	21.6	2.9	<0.002	0.02	1.06	0.4	1	0.2	21.1	<0.05	0.07	0.3	0.012	0.03
Q013656		10	0.7	0.2	<0.002	<0.01	0.13	<0.1	<1	<0.2	0.7	<0.05	<0.05	<0.2	<0.005	<0.02
Q013657		20	1.1	0.3	<0.002	<0.01	0.29	0.1	<1	<0.2	0.6	<0.05	<0.05	<0.2	<0.005	<0.02
Q013658		3090	7.7	28.1	0.002	0.10	8.16	3.6	21	4.1	48.6	0.19	0.10	3.9	0.091	2.29
Q013659		880	2.5	6.3	0.003	0.03	3.27	5.0	15	1.1	138.0	<0.05	<0.05	1.4	0.019	0.81
Q013660		3310	4.9	7.4	0.013	0.07	12.40	4.3	21	6.3	103.5	0.26	0.49	15.1	0.136	4.21
Q013661		740	3.1	38.2	0.002	0.02	4.56	3.8	14	3.9	12.1	0.19	0.08	2.2	0.096	3.66
Q013662		3860	18.3	44.6	0.008	0.08	45.3	5.3	18	26.2	48.9	0.13	0.36	5.8	0.066	1.97
Q013663		3800	13.0	4.5	0.002	0.12	25.9	2.3	13	16.7	35.3	0.12	1.08	5.0	0.063	1.79
Q013664		320	3.9	5.2	0.004	2.28	18.85	1.6	12	0.9	11.2	0.05	0.11	0.8	0.021	0.37
Q013665		460	15.9	2.9	0.004	0.05	3.34	1.8	16	5.7	13.4	0.06	0.93	0.8	0.035	0.58
Q013666		7380	23.3	9.7	0.051	0.05	14.25	3.5	94	6.1	31.9	0.06	0.75	8.7	0.034	0.70
Q013667		3320	10.4	0.6	0.015	1.82	20.1	1.3	176	20.0	42.8	<0.05	1.97	1.8	0.009	2.22
Q013668		1060	6.7	0.9	0.005	0.12	6.98	2.8	40	4.9	13.7	<0.05	0.98	0.2	0.015	0.74
Q013669		1070	10.2	0.8	0.002	0.38	7.84	7.6	49	13.8	19.4	<0.05	1.20	0.4	0.016	1.24
Q013670		980	3.3	3.4	<0.002	0.11	24.8	0.6	26	17.2	45.1	<0.05	<0.05	0.5	0.016	0.24
Q013671		180	1.1	2.9	0.004	0.04	2.45	0.4	2	0.8	158.0	<0.05	0.08	1.7	0.008	0.15
Q013672		450	31.6	96.6	0.021	0.86	26.9	7.6	11	2.3	104.0	2.28	0.25	7.0	0.354	4.32
Q013673		2520	3.3	40.6	0.002	0.64	1.67	25.7	2	4.6	442	1.63	<0.05	8.3	0.893	2.36
Q013674		400	40.3	34.5	0.041	9.06	65.2	3.1	33	1.1	190.5	0.71	0.30	3.8	0.131	1.72
Q013675		470	7.2	39.9	0.096	4.78	5.61	3.4	12	1.0	223	0.34	0.06	3.2	0.106	1.69
Q013676		50	4.5	23.7	0.024	9.86	4.09	1.7	36	0.8	86.8	0.58	<0.05	1.7	0.089	0.88
Q013677		40	4.6	38.9	0.070	>10.0	5.20	2.9	25	1.1	132.0	1.07	0.05	2.0	0.155	1.29
Q013678		410	38.3	33.1	0.039	4.39	51.5	2.6	36	0.9	73.1	0.60	0.45	3.1	0.108	1.91
Q013679		1300	68.6	104.0	0.020	0.17	44.8	9.2	60	2.5	62.5	1.82	0.29	10.1	0.321	4.53
Q013680		870	9.7	51.2	0.002	0.14	7.88	4.9	8	1.2	41.0	0.26	0.08	3.7	0.115	1.73
Q013681		8350	21.9	63.7	0.026	1.29	6.43	9.6	6	2.9	154.0	0.48	0.10	22.5	0.190	3.20
Q013682		670	17.2	19.7	0.002	0.43	19.55	2.2	31	81.4	76.6	<0.05	<0.05	3.4	0.018	0.86

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1016-510 W HASTINGS ST
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Finalized Date: 27-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141813

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Pb-OG62	Zn-OG62	Bi-OG62	Ba-XRF10
	Analyte	U	V	W	Y	Zn	Zr	Pb	Zn	Bi	Ba
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001	0.001	0.001	0.01
Q013643		10.9	395	6.0	14.4	750	354				
Q013644		16.0	420	5.3	28.8	375	401				
Q013645		17.5	408	4.8	31.2	161	358				
Q013646		0.2	7	0.1	0.6	10	4.2				
Q013647		0.4	24	0.2	2.0	54	9.5				
Q013648		0.5	9	0.1	1.2	32	7.1				
Q013649		0.2	1	0.1	2.1	25	0.9				
Q013650		0.1	1	<0.1	0.1	7	<0.5				
Q013651		1.0	22	0.6	3.5	30	24.7				
Q013652		0.9	11	0.2	2.0	67	7.1				
Q013653		0.1	1	<0.1	0.4	9	<0.5				
Q013654		<0.1	1	<0.1	0.2	2	0.5				
Q013655		0.3	11	0.1	1.0	22	4.7				
Q013656		<0.1	1	<0.1	<0.1	<2	<0.5				
Q013657		0.1	1	<0.1	0.1	7	<0.5				
Q013658		36.7	1340	2.9	30.7	2340	35.9				
Q013659		34.7	341	1.3	80.5	4600	50.1				
Q013660		12.6	1560	16.7	11.5	549	68.0				
Q013661		9.7	1500	2.1	14.3	1800	33.2				
Q013662		11.0	2110	4.4	6.6	279	56.7				
Q013663		6.6	1490	20.5	3.7	24	29.4				
Q013664		27.1	729	2.4	11.8	2750	6.1				
Q013665		3.0	678	7.1	6.2	123	16.6				
Q013666		29.3	590	8.7	15.9	344	21.1				
Q013667		13.4	364	4.2	9.0	179	12.7				
Q013668		7.5	792	3.1	1.8	36	32.3				
Q013669		4.5	1960	2.8	5.2	276	29.8				
Q013670		3.0	636	0.2	4.4	1360	8.0				
Q013671		7.1	139	0.4	1.4	2	7.2				
Q013672		15.7	697	1.7	23.6	269	141.5				
Q013673		2.0	206	0.9	30.2	93	80.9				
Q013674		14.5	233	0.7	24.5	271	57.8				
Q013675		10.5	233	1.4	12.2	269	41.9				
Q013676		2.6	177	0.5	5.2	6	33.0				
Q013677		3.7	289	0.7	4.9	3	53.3				
Q013678		5.6	230	0.9	10.2	193	53.8				
Q013679		22.4	844	8.1	24.4	998	268				
Q013680		10.3	362	2.4	27.0	1260	44.8				
Q013681		36.4	308	1.3	10.5	2030	57.9				
Q013682		3.3	346	0.2	17.7	8370	9.2				

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Project: RAV

CERTIFICATE OF ANALYSIS WH13141813

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
Q013683		0.20	<0.01	1.29	0.50	77	430	0.67	0.17	11.85	168.0	7.90	77.9	21	0.62	497
Q013684		0.15	<0.01	0.79	0.64	37.5	140	1.45	0.53	1.82	25.7	9.19	4.0	30	0.29	347

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CERTIFICATE OF ANALYSIS WH13141813

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
Q013683		5.96	1.58	0.09	0.2	0.79	<0.005	0.17	6.8	2.6	3.83	17150	109.5	<0.01	0.2	801
Q013684		3.00	0.80	0.07	<0.1	0.71	0.025	0.05	8.6	2.6	0.56	398	18.45	<0.01	0.2	216

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

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

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

Finalized Date: 27- AUG- 2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141813

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
Q013683		2620	581	16.4	0.002	0.01	11.85	4.9	10	0.5	188.0	<0.05	<0.05	0.5	0.008	3.19
Q013684		4690	7.3	4.5	0.003	0.01	9.56	4.0	7	0.5	157.5	<0.05	<0.05	1.2	0.008	0.34

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

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VANCOUVER BC V6B 1L8

Finalized Date: 27- AUG- 2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141813

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Pb-OG62	Zn-OG62	Bi-OG62	Ba-XRF10
	Analyte	U	V	W	Y	Zn	Zr	Pb	Zn	Bi	Ba
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001	0.001	0.001	0.01
Q013683		4.6	648	3.3	48.3	>10000	21.6		2.29		
Q013684		7.4	237	1.8	29.7	3160	8.2				

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

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VANCOUVER BC V6B 1L8

Finalized Date: 27-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141813

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method:	Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. ME-MS61
Applies to Method:	REE's may not be totally soluble in this method. ME-MS61
Applies to Method:	Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor. Hg-CV41
Applies to Method:	Interference: Samples with Ca>10%on ICP-MS As. ICP-AES As results reported (5 ppm DL) ME-MS61

LABORATORY ADDRESSES

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

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

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

Au-AA26	Ba-XRF10	Bi-OG62	Hg-CV41
ME-MS61	ME-OG62	ME-XRF10	OA-GRA06
Pb-OG62	Zn-OG62		

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: 25-OCT-2013
Account: RCM

CERTIFICATE WH13184571

Project: Tiger

P.O. No.:

This report is for 18 Rock samples submitted to our lab in Whitehorse, YT, Canada on 15-OCT-2013.

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

ANALYTICAL PROCEDURES

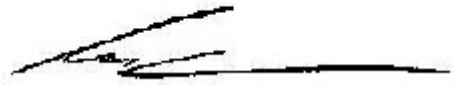
ALS CODE	DESCRIPTION	INSTRUMENT
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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

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

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

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 25-OCT-2013
Account: RCM

Project: Tiger

CERTIFICATE OF ANALYSIS WH13184571

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
M898151		1.69	<0.01	0.19	1.91	7.8	420	0.53	0.19	17.45	1.04	47.3	11.5	11	0.87	20.7
M898152		2.58	<0.01	0.03	4.13	0.7	550	1.32	0.06	15.90	0.12	74.5	15.5	73	2.67	13.6
M898153		1.58	<0.01	0.04	3.72	4.2	340	1.07	0.04	21.3	0.22	79.1	46.0	4	1.48	28.4
M898154		2.77	0.02	3.16	0.95	2020	330	0.53	132.0	9.29	4.51	18.25	9.7	9	1.14	24.5
M898155		1.08	<0.01	0.04	0.75	6.5	200	0.30	0.38	17.90	0.33	27.7	6.5	2	0.59	7.6
M898156		1.42	0.25	2.60	3.75	811	840	2.90	80.2	1.78	<0.02	26.3	0.7	335	3.62	7.0
M898157		1.09	3.22	6.09	0.70	655	100	0.22	92.4	8.79	0.04	3.37	0.3	46	0.25	4.0
M898158		1.17	2.27	2.44	0.13	623	40	<0.05	6.70	1.45	0.06	1.63	0.4	15	0.06	4.1
M898159		1.28	2.23	2.42	0.36	103.5	180	0.09	9.80	1.19	<0.02	7.66	0.5	33	0.14	3.5
M898160		0.99	1.61	1.37	1.72	892	510	1.54	127.5	4.07	0.13	27.3	3.8	140	2.06	24.2
M898161		0.88	4.59	3.90	1.08	396	110	0.33	42.7	0.98	<0.02	23.3	0.9	97	0.42	5.8
M898162		1.41	0.15	0.97	2.69	353	1210	1.97	27.8	1.14	<0.02	37.4	1.4	342	2.18	16.8
M898163		1.68	0.07	0.90	0.87	83.5	260	1.15	156.5	7.96	0.12	28.0	3.1	137	1.28	26.0
M898164		1.48	0.11	0.82	2.48	136.5	960	2.25	26.9	3.51	0.08	34.5	4.5	160	2.84	35.5
M898165		1.81	0.63	0.57	1.23	1015	230	0.76	72.0	6.15	0.25	27.9	4.5	68	1.09	14.7
M898166		1.77	1.75	0.98	2.15	332	90	0.57	37.8	2.11	0.06	42.0	2.4	133	0.39	8.0
M898167		2.22	0.02	0.06	0.17	35.6	30	0.19	59.2	19.80	0.33	38.1	1.2	10	0.60	4.2
M898168		1.17	1.58	4.73	2.78	77.9	350	1.18	175.5	7.27	<0.02	37.2	0.7	217	1.62	4.8

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

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

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

Finalized Date: 25-OCT-2013
Account: RCM

Project: Tiger

CERTIFICATE OF ANALYSIS WH13184571

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
M898151		2.87	6.50	0.09	0.7	0.01	0.027	0.83	28.4	4.3	10.10	476	1.15	0.04	14.4	15.3
M898152		6.98	15.40	0.15	0.5	<0.01	0.051	1.78	37.5	14.5	1.00	556	0.33	0.05	37.3	39.4
M898153		5.12	11.20	0.15	0.8	<0.01	0.054	1.66	41.8	7.9	0.85	908	0.46	0.05	39.2	31.8
M898154		36.0	3.24	0.32	0.3	0.12	0.031	0.37	9.9	2.7	0.30	1640	125.0	0.02	6.8	513
M898155		5.68	2.57	0.08	0.1	<0.01	0.009	0.35	15.6	2.1	4.19	1980	1.06	0.02	5.0	5.8
M898156		9.29	13.70	0.20	2.0	0.04	0.020	1.81	22.6	12.2	0.31	70	108.0	0.03	5.7	31.4
M898157		4.19	3.34	0.18	0.3	0.07	0.007	0.12	2.4	1.7	0.19	58	18.95	0.06	1.5	5.8
M898158		15.35	0.74	0.16	0.1	0.03	<0.005	0.01	1.1	0.8	0.04	62	12.30	0.01	0.6	26.1
M898159		2.11	2.07	0.20	0.2	0.03	<0.005	0.03	5.8	1.4	0.10	108	4.21	0.03	1.6	7.1
M898160		10.90	6.60	0.19	0.9	0.04	0.091	0.76	21.0	5.7	1.60	1900	79.1	0.04	2.8	188.0
M898161		3.84	5.36	0.32	0.5	0.04	<0.005	0.20	18.7	2.7	0.28	277	24.3	0.08	2.7	25.1
M898162		3.09	9.50	0.17	1.2	0.02	0.005	1.43	36.7	8.9	0.23	109	42.0	0.02	2.6	89.2
M898163		3.45	3.31	0.13	0.7	0.02	0.048	0.44	25.2	4.1	4.36	3460	30.9	0.01	2.2	144.5
M898164		2.97	8.39	0.13	1.4	0.03	0.028	1.31	27.1	8.3	0.99	703	62.4	0.02	5.4	235
M898165		16.80	4.83	0.27	0.4	0.01	0.175	0.47	22.2	5.5	2.98	4060	59.6	0.04	0.7	188.5
M898166		4.40	10.20	0.16	0.3	0.02	0.022	0.13	41.0	3.2	1.58	1290	46.3	0.18	1.0	96.0
M898167		2.72	0.93	0.11	0.1	<0.01	0.112	0.06	32.4	3.7	10.80	7150	10.15	0.01	0.1	51.8
M898168		3.90	11.05	0.21	1.2	0.04	0.009	1.38	32.0	7.1	0.46	197	20.3	0.11	6.4	21.9

***** 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: 25-OCT-2013
Account: RCM

Project: Tiger

CERTIFICATE OF ANALYSIS WH13184571

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
M898151		1200	12.1	19.1	<0.002	0.06	0.93	4.0	1	0.6	116.0	0.81	<0.05	1.4	0.442	0.73
M898152		4590	4.3	44.2	<0.002	<0.01	0.15	14.6	2	1.2	197.0	2.03	<0.05	2.9	1.050	0.09
M898153		2380	6.0	33.5	<0.002	0.01	0.12	8.4	2	1.3	187.5	2.25	<0.05	2.7	1.160	0.10
M898154		1350	319	11.4	0.009	0.04	16.60	2.6	4	0.7	36.9	0.43	0.47	1.0	0.205	1.18
M898155		700	5.7	9.6	<0.002	<0.01	0.39	1.4	1	0.4	407	0.33	<0.05	0.6	0.183	0.11
M898156		420	13.6	110.5	1.095	1.97	6.60	13.5	46	82.5	22.8	0.28	0.68	3.0	0.154	2.20
M898157		90	26.7	6.3	0.086	>10.0	3.92	1.7	54	8.5	40.6	0.09	0.09	0.2	0.041	0.43
M898158		30	7.9	0.7	0.059	>10.0	1.25	0.3	47	2.8	4.6	<0.05	<0.05	<0.2	0.011	0.04
M898159		80	25.5	1.6	0.113	>10.0	4.13	0.9	33	6.3	13.9	0.09	<0.05	0.3	0.031	0.07
M898160		2740	15.3	46.5	0.021	1.09	7.46	6.7	37	35.7	47.9	0.17	0.35	2.8	0.072	1.00
M898161		250	31.4	11.8	0.141	>10.0	4.75	3.4	93	17.2	14.2	0.14	0.07	0.6	0.069	0.29
M898162		4880	5.7	74.5	0.336	0.79	7.71	11.9	22	51.3	25.4	0.15	0.20	3.5	0.101	1.51
M898163		1110	7.1	25.6	0.020	0.19	5.54	5.5	15	17.6	33.0	0.12	0.20	2.0	0.050	0.61
M898164		1090	7.5	76.2	0.006	0.11	6.61	6.4	9	49.8	58.2	0.32	0.24	4.1	0.121	1.62
M898165		1780	7.4	28.5	0.014	0.15	3.76	6.9	70	18.0	46.0	<0.05	0.28	1.1	0.036	0.87
M898166		580	5.2	7.1	0.028	0.14	2.90	3.9	20	16.9	29.0	0.06	0.26	1.0	0.038	0.36
M898167		2180	3.2	3.5	0.004	0.04	1.96	3.4	5	8.7	109.0	<0.05	0.05	0.5	0.005	0.20
M898168		180	77.7	64.0	0.155	8.93	5.50	8.5	49	74.0	42.7	0.33	0.07	2.3	0.153	1.84

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

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

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

Finalized Date: 25- OCT- 2013
Account: RCM

Project: Tiger

CERTIFICATE OF ANALYSIS WH13184571

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
M898151		0.8	75	0.6	6.6	218	21.0
M898152		0.3	134	0.9	25.4	100	11.9
M898153		0.4	95	0.4	21.1	78	26.2
M898154		22.6	69	9.8	10.5	7070	7.6
M898155		0.1	17	0.2	11.0	73	4.3
M898156		4.8	2190	13.2	6.9	37	93.1
M898157		1.1	528	7.0	3.3	5	24.0
M898158		0.7	82	2.4	12.2	2	5.4
M898159		0.8	202	3.4	10.9	3	14.1
M898160		10.8	1410	7.3	24.0	150	61.0
M898161		2.5	601	8.7	23.2	13	31.2
M898162		6.7	1510	5.5	18.5	27	63.5
M898163		6.0	391	2.3	22.2	191	40.4
M898164		6.1	2350	5.2	17.8	118	78.2
M898165		12.2	719	4.1	32.5	93	20.6
M898166		3.1	1100	6.4	9.0	43	21.6
M898167		2.5	134	1.1	29.4	52	6.9
M898168		3.0	1500	17.8	8.6	9	57.4

***** 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-OCT-2013
Account: RCM

Project: Tiger

CERTIFICATE OF ANALYSIS WH13184571

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

LABORATORY ADDRESSES

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

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

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

Au-AA26	Hg-CV41	ME-MS61

ALS Canada Ltd.

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

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

Finalized Date: 29-OCT-2013
Account: RCM

CERTIFICATE WH13184570

Project: Tiger

P.O. No.:

This report is for 162 Soil samples submitted to our lab in Whitehorse, YT, Canada on 15-OCT-2013.

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-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	51 anal. aqua regia ICPMS	

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

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 29-OCT-2013
Account: RCM

Project: Tiger

CERTIFICATE OF ANALYSIS WH13184570

Sample Description	Method	WEI-21	Au-ICP21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Au Check	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.02	0.001	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1
ZZ02101		0.32	0.027		0.24	1.14	50.1	<0.2	<10	310	0.47	2.17	4.68	0.77	27.5	11.8
ZZ02102		0.23	0.004		0.27	0.97	23.8	<0.2	<10	320	0.35	3.14	7.94	1.19	22.0	9.5
ZZ02103		0.19	0.009		0.48	1.16	31.0	<0.2	<10	310	0.41	4.29	7.31	1.46	17.25	10.0
ZZ02104		0.27	0.006		0.47	1.21	25.2	<0.2	<10	500	0.49	3.60	8.06	1.99	17.80	10.3
ZZ02105		0.26	0.013		0.33	0.92	18.4	<0.2	<10	680	0.38	3.81	9.00	2.68	17.95	8.8
ZZ02106		0.16	0.025		0.54	1.14	22.8	<0.2	<10	600	0.45	9.64	8.01	2.63	18.30	10.7
ZZ02107		0.22	0.010		0.62	1.31	32.9	<0.2	<10	570	0.57	5.68	6.82	3.71	20.7	13.3
ZZ02108		0.18	0.005		0.38	1.43	20.7	<0.2	<10	560	0.49	10.35	6.33	2.16	19.15	13.7
ZZ02109		0.17	0.005		0.54	2.12	32.6	<0.2	<10	560	0.60	5.53	5.72	3.12	21.7	18.7
ZZ02110		0.19	0.012		0.42	1.62	29.8	<0.2	<10	480	0.49	5.34	8.49	1.83	17.95	13.4
ZZ02111		0.14	0.102		0.44	1.52	23.7	<0.2	<10	480	0.56	4.11	4.81	2.09	22.6	13.5
ZZ02112		0.16	0.006		0.48	1.66	30.7	<0.2	<10	470	0.47	4.46	7.09	2.73	20.2	14.8
ZZ02113		0.15	0.026		0.42	1.71	27.3	<0.2	<10	460	0.55	4.01	5.11	2.84	22.2	15.1
ZZ02114		0.13	0.004		0.50	2.46	26.9	<0.2	<10	550	0.74	5.94	3.57	2.57	24.3	19.5
ZZ02115		0.14	0.004		0.53	1.54	27.0	<0.2	<10	510	0.54	4.73	7.70	2.58	18.90	13.3
ZZ02116		0.17	0.007		0.49	1.52	30.2	<0.2	<10	490	0.55	5.46	5.53	2.13	24.2	12.8
ZZ02117		0.13	0.007		0.55	1.66	33.1	<0.2	<10	630	0.61	4.79	1.30	2.45	25.5	14.4
ZZ02118		0.16	0.012		0.57	1.14	26.3	<0.2	<10	460	0.48	5.70	6.47	2.25	20.5	10.9
ZZ02119		0.14	0.009		0.46	1.12	31.1	<0.2	<10	470	0.48	5.35	8.05	2.23	18.55	11.2
ZZ02120		0.18	0.017		0.57	1.22	27.7	<0.2	<10	530	0.52	6.98	7.51	2.52	23.5	12.0
ZZ02121		0.17	0.008		0.48	1.22	28.8	<0.2	<10	510	0.55	5.94	6.68	1.84	21.2	11.1
ZZ02122		0.25	0.011		0.41	1.30	25.1	<0.2	<10	410	0.53	12.10	4.81	1.47	26.3	11.7
ZZ02123		0.14	0.006		0.47	1.65	27.0	<0.2	<10	440	0.74	8.94	1.53	1.47	28.4	15.1
ZZ02124		0.21	0.005		0.34	1.00	26.4	<0.2	<10	320	0.36	3.20	6.76	1.02	21.2	11.7
ZZ02125		0.31	0.015		0.39	1.35	31.3	<0.2	<10	360	0.54	4.63	5.00	1.59	25.6	12.4
ZZ02126		0.25	0.006		0.43	1.47	26.0	<0.2	<10	420	0.61	7.41	2.69	1.60	28.6	13.5
ZZ02127		0.15	0.006		0.36	0.92	25.4	<0.2	<10	440	0.45	4.60	5.71	2.08	21.2	10.0
ZZ02128		0.13	0.006		0.50	1.38	28.9	<0.2	<10	480	0.62	23.3	3.49	1.36	24.4	12.3
ZZ02129		0.10	0.006		0.43	0.97	22.0	<0.2	<10	490	0.50	5.34	6.51	1.68	21.3	10.8
ZZ02130		0.14	0.009		0.58	1.12	28.2	<0.2	<10	360	0.58	4.32	6.97	1.19	23.8	10.2
ZZ02131		0.17	0.010		0.56	2.16	37.8	<0.2	<10	570	0.81	9.93	1.55	0.92	28.8	17.5
ZZ02132		0.16	0.007		0.40	1.51	34.7	<0.2	<10	480	0.47	4.82	5.40	1.74	20.7	13.1
ZZ02133		0.08	0.007		0.56	1.60	25.2	<0.2	<10	650	0.61	4.48	1.85	2.76	26.3	14.0
ZZ02134		0.13	0.004		0.34	1.62	24.8	<0.2	<10	520	0.56	3.44	2.58	1.12	22.4	11.9
ZZ02135		0.15	0.007		0.69	1.96	41.6	<0.2	<10	610	0.55	6.54	6.66	3.36	21.9	17.1
ZZ02136		0.13	0.005		0.24	2.13	45.5	<0.2	<10	800	0.73	5.73	0.77	1.12	27.6	18.4
ZZ02137		0.11	0.002		0.18	2.29	56.0	<0.2	<10	870	0.86	5.31	0.71	0.58	32.2	12.7
ZZ02138		0.11	0.012		0.44	0.75	39.3	<0.2	<10	250	0.29	2.80	3.16	3.53	20.8	9.9
ZZ02139		0.09	0.005		0.48	1.65	21.5	<0.2	<10	740	0.62	3.36	2.36	1.16	22.0	12.7
ZZ02140		0.08	0.008		0.65	1.90	28.0	<0.2	<10	660	0.65	6.54	1.58	1.07	30.5	14.2

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Project: Tiger

CERTIFICATE OF ANALYSIS WH13184570

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cr	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	1	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
ZZ02101		26	1.41	31.3	2.84	3.44	0.06	0.10	0.05	0.029	0.11	14.3	12.7	2.13	563	1.82
ZZ02102		21	2.00	23.9	2.61	3.04	0.07	0.05	0.04	0.035	0.09	11.3	12.8	4.34	527	1.71
ZZ02103		28	2.48	20.8	2.77	3.34	0.05	0.03	0.06	0.046	0.08	9.3	13.6	4.59	586	1.73
ZZ02104		28	2.35	28.5	2.89	3.24	0.06	0.04	0.08	0.045	0.10	10.1	14.9	4.93	611	1.90
ZZ02105		22	1.45	18.5	2.18	2.74	0.05	0.03	0.06	0.050	0.05	9.4	12.2	5.71	710	1.38
ZZ02106		28	2.14	19.7	2.74	3.20	0.05	0.03	0.05	0.056	0.05	10.9	14.7	5.04	754	1.74
ZZ02107		32	2.07	26.4	3.05	4.23	0.05	0.03	0.07	0.090	0.06	11.2	13.6	4.60	831	1.93
ZZ02108		33	1.83	19.1	2.97	4.42	<0.05	0.02	0.05	0.054	0.06	9.7	14.4	4.40	843	1.17
ZZ02109		49	3.86	25.6	3.80	6.30	0.06	0.02	0.06	0.084	0.09	11.6	19.4	4.57	857	1.31
ZZ02110		39	3.04	23.0	3.09	4.72	0.06	0.03	0.04	0.059	0.14	9.6	14.9	5.56	611	1.73
ZZ02111		32	1.63	20.3	3.06	4.56	0.05	0.03	0.08	0.048	0.05	11.5	14.8	3.25	922	1.25
ZZ02112		36	2.77	21.9	3.38	5.03	0.05	0.02	0.07	0.067	0.10	10.6	16.6	5.06	732	1.24
ZZ02113		38	2.25	22.7	3.42	5.06	<0.05	0.02	0.06	0.067	0.07	11.7	16.1	3.59	854	1.52
ZZ02114		64	4.87	18.9	4.16	7.15	0.05	0.02	0.05	0.089	0.08	12.3	26.6	3.09	1190	1.41
ZZ02115		35	3.08	19.8	3.00	4.49	0.05	0.02	0.06	0.070	0.07	10.1	14.8	5.07	795	1.83
ZZ02116		32	2.16	18.6	3.21	4.49	0.05	0.02	0.05	0.072	0.05	12.3	15.0	3.98	792	1.58
ZZ02117		37	1.87	21.1	3.52	5.02	<0.05	0.03	0.07	0.076	0.05	11.6	14.9	0.91	1130	1.97
ZZ02118		27	1.70	19.7	2.74	3.48	<0.05	0.03	0.07	0.046	0.05	11.1	11.6	4.33	728	2.14
ZZ02119		26	1.83	20.9	2.77	3.31	0.05	0.03	0.06	0.064	0.05	9.8	11.4	4.99	739	2.26
ZZ02120		29	1.63	20.5	2.94	3.66	0.05	0.04	0.06	0.051	0.05	12.5	12.1	4.88	747	1.82
ZZ02121		28	1.45	20.9	2.86	3.62	0.05	0.04	0.07	0.053	0.05	11.7	12.3	4.60	764	2.02
ZZ02122		29	1.59	26.2	2.94	3.92	0.06	0.04	0.07	0.039	0.07	14.1	13.0	3.34	680	1.86
ZZ02123		36	1.47	28.0	3.46	4.87	0.06	0.04	0.08	0.048	0.06	14.8	15.6	1.26	432	1.86
ZZ02124		22	1.81	26.0	2.59	3.23	0.05	0.06	0.05	0.029	0.09	10.9	10.6	3.51	607	1.86
ZZ02125		31	2.01	33.3	3.08	3.96	0.05	0.06	0.07	0.038	0.09	13.6	13.4	3.42	688	2.22
ZZ02126		32	1.34	27.2	3.25	4.36	0.06	0.04	0.07	0.049	0.05	14.8	14.3	2.02	671	1.80
ZZ02127		20	0.90	14.3	2.73	2.75	<0.05	0.03	0.06	0.041	0.04	10.4	9.3	3.69	1340	3.13
ZZ02128		30	1.49	24.0	3.17	4.09	0.05	0.03	0.08	0.047	0.05	13.4	14.0	2.43	773	2.04
ZZ02129		22	1.15	15.8	2.54	2.95	<0.05	0.04	0.05	0.042	0.04	10.5	10.2	4.08	890	1.95
ZZ02130		27	1.15	13.4	3.22	3.21	0.06	0.03	0.05	0.045	0.04	13.3	10.5	4.53	741	2.38
ZZ02131		45	2.18	21.1	4.18	6.11	0.06	0.02	0.07	0.070	0.07	15.9	20.4	1.80	768	2.46
ZZ02132		32	1.78	24.6	3.14	4.45	0.05	0.03	0.05	0.135	0.06	10.9	13.2	3.59	904	2.02
ZZ02133		36	1.60	25.9	3.27	4.72	0.05	0.04	0.08	0.050	0.05	13.8	14.5	1.14	858	1.92
ZZ02134		32	1.88	16.4	2.96	4.99	<0.05	0.02	0.06	0.054	0.04	11.1	14.4	1.68	644	1.42
ZZ02135		40	3.14	27.8	4.01	5.72	0.05	0.02	0.05	0.092	0.11	11.6	17.1	5.05	850	1.62
ZZ02136		44	2.06	22.2	3.92	6.72	<0.05	0.03	0.05	0.089	0.06	13.2	20.3	1.11	564	2.03
ZZ02137		43	3.73	10.0	4.14	6.11	0.05	0.02	0.05	0.079	0.06	15.3	23.4	0.82	443	2.78
ZZ02138		19	1.10	17.7	2.44	2.22	<0.05	0.04	0.04	0.035	0.04	10.6	6.6	1.86	628	1.60
ZZ02139		37	1.45	22.7	3.11	4.98	<0.05	0.03	0.09	0.108	0.04	12.6	14.7	1.22	849	1.35
ZZ02140		45	2.65	20.5	3.50	5.89	<0.05	0.04	0.10	0.069	0.05	18.0	13.9	0.94	808	2.57

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	Analyte	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01
ZZ02101		0.01	0.97	32.4	1100	21.7	9.6	0.001	0.02	1.14	3.4	0.6	0.5	58.4	<0.01	0.03
ZZ02102		0.02	1.41	26.6	980	40.6	11.3	<0.001	<0.01	1.11	3.3	0.5	0.5	64.9	<0.01	0.03
ZZ02103		0.02	1.27	28.7	990	46.2	12.4	<0.001	0.01	0.86	3.2	0.6	0.7	45.5	<0.01	0.03
ZZ02104		0.02	1.21	31.7	900	42.8	12.6	<0.001	0.02	1.21	3.4	0.5	0.7	51.5	<0.01	0.03
ZZ02105		0.02	0.97	23.7	740	49.2	10.0	<0.001	0.02	0.91	2.7	0.5	0.6	44.5	<0.01	0.03
ZZ02106		0.02	1.15	31.0	930	73.6	10.9	<0.001	0.03	1.06	3.0	0.7	0.6	47.3	<0.01	0.04
ZZ02107		0.01	1.38	35.1	970	108.5	12.5	0.001	0.04	1.33	3.5	0.9	0.8	43.3	<0.01	0.07
ZZ02108		0.01	1.46	29.3	1010	69.2	12.6	<0.001	0.04	0.78	3.1	0.6	0.8	37.1	<0.01	0.06
ZZ02109		0.03	2.24	39.5	1290	144.5	15.4	<0.001	0.03	0.84	4.9	0.5	1.0	40.3	<0.01	0.05
ZZ02110		0.03	2.17	34.8	1130	82.2	13.5	<0.001	0.02	1.12	4.1	0.9	0.9	58.0	<0.01	0.06
ZZ02111		0.01	1.34	28.9	990	59.1	13.8	<0.001	0.04	0.85	3.1	0.8	0.8	26.9	<0.01	0.05
ZZ02112		0.01	1.77	32.7	1410	110.0	13.9	<0.001	0.03	0.88	3.9	0.8	0.8	44.1	<0.01	0.05
ZZ02113		0.01	1.77	34.3	1210	83.8	11.0	<0.001	0.03	0.90	3.9	0.8	0.9	36.1	<0.01	0.05
ZZ02114		0.02	2.11	44.5	1060	89.1	23.4	<0.001	0.03	0.86	4.8	0.7	1.2	27.6	<0.01	0.06
ZZ02115		0.02	1.76	31.0	1030	105.5	12.9	0.001	0.04	0.91	3.3	0.8	0.9	41.2	<0.01	0.04
ZZ02116		0.01	1.38	30.1	1040	103.0	11.4	<0.001	0.03	0.98	3.5	0.7	0.9	34.6	<0.01	0.06
ZZ02117		<0.01	1.23	30.2	900	186.0	10.8	<0.001	0.05	2.16	3.0	0.9	0.9	18.2	<0.01	0.06
ZZ02118		0.01	1.13	30.6	850	75.5	10.2	<0.001	0.03	1.16	2.9	0.9	0.7	39.0	<0.01	0.05
ZZ02119		0.01	1.11	30.2	960	86.3	9.3	<0.001	0.03	1.24	2.8	0.8	0.7	47.0	<0.01	0.05
ZZ02120		0.01	1.28	31.9	980	98.4	9.1	<0.001	0.03	1.61	3.2	0.5	0.9	44.5	<0.01	0.05
ZZ02121		0.01	1.11	32.5	910	61.6	8.7	<0.001	0.02	1.40	3.2	1.0	0.9	39.0	<0.01	0.06
ZZ02122		0.01	1.11	33.4	1030	52.3	10.4	<0.001	0.02	1.22	3.4	0.8	0.7	35.2	<0.01	0.04
ZZ02123		0.01	1.19	39.0	1090	71.0	12.1	<0.001	0.04	1.05	3.5	0.9	0.7	23.3	<0.01	0.05
ZZ02124		0.01	1.64	29.3	1070	41.3	10.8	<0.001	0.02	1.17	3.1	0.5	0.6	67.0	<0.01	0.04
ZZ02125		0.01	1.34	38.3	1010	58.0	13.1	<0.001	0.02	1.46	3.9	0.9	0.8	40.6	<0.01	0.06
ZZ02126		0.01	1.15	36.5	1050	64.7	9.6	<0.001	0.03	1.08	3.7	0.8	0.7	26.1	<0.01	0.07
ZZ02127		0.01	0.77	27.4	770	49.8	6.7	<0.001	0.03	1.06	2.2	0.9	0.5	33.4	<0.01	0.05
ZZ02128		0.01	1.11	34.0	840	69.2	10.6	<0.001	0.04	1.23	3.1	0.7	0.8	28.5	<0.01	0.06
ZZ02129		0.01	0.90	26.7	840	69.6	8.9	<0.001	0.05	1.17	2.2	0.8	0.6	40.4	<0.01	0.05
ZZ02130		0.01	0.98	29.5	850	74.1	6.5	<0.001	0.03	1.28	3.1	0.8	0.7	34.9	<0.01	0.05
ZZ02131		0.01	1.64	43.7	750	84.1	10.2	<0.001	0.02	1.33	5.2	1.3	1.2	21.4	<0.01	0.08
ZZ02132		0.02	1.51	34.0	1010	91.7	8.7	<0.001	0.04	1.14	3.3	1.1	0.8	37.5	<0.01	0.05
ZZ02133		0.01	1.31	36.1	960	85.7	10.6	<0.001	0.06	1.13	3.0	1.2	0.9	22.5	<0.01	0.06
ZZ02134		<0.01	1.37	25.6	700	75.3	9.1	<0.001	0.04	0.78	3.1	0.7	0.8	28.8	<0.01	0.05
ZZ02135		0.02	1.95	35.7	1530	227	11.9	<0.001	0.04	0.95	4.5	1.0	1.4	43.0	<0.01	0.05
ZZ02136		<0.01	1.49	36.8	640	112.5	11.7	<0.001	0.04	1.05	4.0	0.7	1.2	14.2	<0.01	0.05
ZZ02137		<0.01	2.57	31.8	700	86.7	14.9	<0.001	0.04	0.79	4.0	0.6	1.2	11.5	<0.01	0.06
ZZ02138		<0.01	0.81	25.2	720	62.5	8.6	<0.001	0.03	1.19	2.2	0.5	0.5	19.5	<0.01	0.03
ZZ02139		0.01	1.45	32.3	840	61.0	8.7	<0.001	0.07	0.90	3.0	1.0	0.7	27.1	<0.01	0.05
ZZ02140		0.01	1.72	38.4	730	109.5	10.5	<0.001	0.06	1.36	3.7	0.9	1.2	23.5	<0.01	0.06

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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: 29-OCT-2013
Account: RCM

Project: Tiger

CERTIFICATE OF ANALYSIS WH13184570

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Th	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.2	0.005	0.02	0.05	1	0.05	0.05	2	0.5
ZZ02101		3.9	0.058	0.18	0.68	41	1.16	8.93	141	4.5
ZZ02102		2.8	0.050	0.19	0.91	36	2.41	8.65	258	2.1
ZZ02103		1.7	0.046	0.15	1.44	42	4.01	8.75	842	1.1
ZZ02104		2.5	0.048	0.18	0.96	44	2.04	7.99	754	1.7
ZZ02105		1.5	0.037	0.13	1.21	37	2.56	7.75	634	0.9
ZZ02106		1.2	0.040	0.15	1.19	42	2.57	9.98	572	1.0
ZZ02107		1.4	0.049	0.20	1.35	47	7.46	11.40	594	1.0
ZZ02108		1.2	0.053	0.17	1.08	49	6.42	8.11	355	0.7
ZZ02109		1.5	0.096	0.22	1.33	70	1.24	10.75	576	0.6
ZZ02110		1.8	0.076	0.22	1.01	54	2.44	8.93	315	1.0
ZZ02111		1.2	0.047	0.16	1.08	50	2.93	9.35	305	0.8
ZZ02112		1.5	0.069	0.19	1.22	53	1.43	9.59	466	0.7
ZZ02113		1.5	0.063	0.21	1.45	58	2.91	10.25	405	0.9
ZZ02114		1.3	0.089	0.32	1.18	80	1.76	10.25	666	0.6
ZZ02115		0.9	0.060	0.18	1.41	52	3.33	9.24	447	0.8
ZZ02116		1.7	0.055	0.20	1.25	52	4.16	10.35	466	0.8
ZZ02117		1.0	0.040	0.16	1.58	57	1.90	8.80	604	0.8
ZZ02118		1.6	0.040	0.17	1.21	41	7.73	10.70	489	1.0
ZZ02119		1.3	0.041	0.18	1.28	42	3.19	9.89	415	1.0
ZZ02120		2.0	0.044	0.19	1.07	41	4.15	11.70	618	1.2
ZZ02121		1.9	0.043	0.19	1.53	47	2.11	10.55	475	1.1
ZZ02122		2.0	0.046	0.18	0.97	44	1.96	11.65	363	1.3
ZZ02123		1.5	0.042	0.16	0.85	56	3.12	12.80	343	1.1
ZZ02124		2.9	0.053	0.18	0.98	35	1.50	8.18	211	2.3
ZZ02125		3.4	0.054	0.23	1.01	46	2.50	11.35	305	2.6
ZZ02126		2.2	0.045	0.15	0.91	49	2.21	11.90	283	1.3
ZZ02127		1.5	0.027	0.13	1.03	34	11.55	9.13	420	1.1
ZZ02128		1.5	0.040	0.16	0.92	46	2.43	12.10	382	1.1
ZZ02129		1.1	0.028	0.14	1.15	33	7.76	8.89	357	1.1
ZZ02130		1.7	0.036	0.19	1.28	41	1.99	13.70	403	1.0
ZZ02131		2.4	0.071	0.21	1.01	76	3.07	13.20	321	0.9
ZZ02132		1.5	0.056	0.20	1.11	52	4.39	9.75	359	1.0
ZZ02133		1.2	0.042	0.25	1.24	52	2.07	12.80	453	1.2
ZZ02134		1.2	0.044	0.14	0.97	56	2.24	7.45	256	0.7
ZZ02135		1.7	0.087	0.20	1.65	62	1.96	9.88	623	0.7
ZZ02136		1.6	0.049	0.21	1.13	71	2.81	6.98	563	1.0
ZZ02137		1.5	0.055	0.32	1.70	77	2.52	8.12	377	0.7
ZZ02138		1.8	0.027	0.18	0.70	28	2.68	8.16	570	1.3
ZZ02139		0.9	0.044	0.12	1.60	53	1.30	11.20	260	1.0
ZZ02140		1.6	0.049	0.29	1.76	59	2.43	13.90	435	1.4

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 29-OCT-2013
Account: RCM

Project: Tiger

CERTIFICATE OF ANALYSIS WH13184570

Sample Description	Method	WEI-21	Au-ICP21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Au Check	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.02	0.001	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1
ZZ02141		0.08	0.010		0.64	1.62	29.3	<0.2	<10	400	0.58	6.84	3.73	1.12	25.4	13.8
ZZ02142		0.15	0.007		0.63	2.02	27.9	<0.2	<10	860	0.87	3.37	1.52	1.75	33.4	18.2
ZZ02143		0.13	0.018		0.64	1.33	33.5	<0.2	<10	420	0.69	4.30	4.42	1.87	25.1	11.5
ZZ02144		0.09	0.012		1.02	1.89	43.2	<0.2	<10	690	0.83	6.34	1.82	2.35	31.7	17.7
ZZ02145		0.15	0.009		0.35	0.87	22.7	<0.2	<10	340	0.36	4.15	8.91	1.34	17.85	9.7
ZZ02146		0.16	0.005		0.41	1.32	22.3	<0.2	<10	510	0.50	4.33	3.77	1.27	21.2	11.4
ZZ02147		0.17	0.006		0.43	1.40	22.8	<0.2	<10	670	0.62	3.50	2.90	0.95	25.1	11.6
ZZ02148		0.19	0.008		0.37	1.44	32.3	<0.2	<10	390	0.63	4.80	2.17	0.85	26.6	12.1
ZZ02149		0.11	0.006		0.54	1.42	21.9	<0.2	<10	730	0.54	13.30	3.78	1.33	22.2	11.3
ZZ02150		0.14	0.006		0.50	1.40	24.5	<0.2	<10	440	0.61	3.98	3.83	1.22	23.6	12.2
ZZ02151		0.16	0.006		0.29	1.01	22.2	<0.2	<10	310	0.40	4.13	8.78	0.93	17.40	10.0
ZZ02152		0.21	0.007		0.31	0.97	19.1	<0.2	<10	360	0.41	4.44	6.12	1.15	18.30	9.1
ZZ02153		0.11	0.006		0.33	0.73	18.3	<0.2	<10	190	0.37	1.53	12.70	0.75	13.20	6.1
ZZ02154		0.10	0.003		0.07	1.31	23.4	<0.2	<10	300	0.36	1.57	0.84	1.23	16.70	7.0
ZZ02155		0.14	0.003		0.10	1.92	20.4	<0.2	<10	390	0.65	4.21	0.37	1.01	28.9	11.8
ZZ02156		0.17	0.015		0.44	1.95	32.2	<0.2	<10	310	0.84	6.15	1.13	0.70	36.0	14.3
ZZ02157		0.13	0.011		0.87	1.86	54.4	<0.2	<10	1140	0.84	33.5	1.81	1.59	31.9	17.8
ZZ02158		0.12	0.011		0.78	1.98	34.4	<0.2	<10	330	1.01	7.13	4.00	1.18	26.0	13.4
ZZ02159		0.16	0.008		0.60	0.96	35.5	<0.2	<10	330	0.49	4.33	11.10	1.50	16.70	8.1
ZZ02160		0.15	0.007		0.39	1.92	32.6	<0.2	<10	210	0.96	3.31	3.85	0.89	33.7	10.9
ZZ02161		0.15	0.004		0.52	1.42	42.2	<0.2	<10	170	0.62	5.24	9.08	1.97	18.85	9.7
ZZ02162		0.11	0.001		0.15	1.72	19.4	<0.2	<10	160	0.75	0.83	2.10	0.63	31.4	9.7
ZZ02163		0.10	<0.001		0.28	3.22	18.4	<0.2	<10	410	0.72	1.29	1.21	1.49	23.5	8.9
ZZ02164		0.13	0.012		0.65	1.45	35.4	<0.2	<10	260	0.73	5.56	6.43	1.49	26.6	11.3
ZZ02165		0.14	0.005		0.40	1.75	31.3	<0.2	<10	320	0.71	4.78	3.08	0.93	24.1	10.1
ZZ02166		0.09	0.004		0.14	1.93	22.4	<0.2	<10	440	0.73	1.68	0.64	0.86	35.4	11.1
ZZ02167		0.09	0.005		0.32	1.67	28.7	<0.2	<10	410	0.78	3.45	2.01	1.48	28.8	11.5
ZZ02168		0.06	0.005		0.43	1.43	23.1	<0.2	<10	520	0.57	4.82	2.16	1.62	23.3	11.4
ZZ02169		0.11	0.005		0.36	1.39	25.0	<0.2	<10	470	0.59	5.13	5.73	1.19	23.4	11.6
ZZ02170		0.10	0.003		0.50	1.63	27.5	<0.2	<10	500	0.66	4.85	2.24	1.23	23.2	13.1
ZZ02171		0.18	0.007		0.31	0.94	19.6	<0.2	<10	350	0.37	3.91	10.05	1.06	15.75	10.3
ZZ02172		0.19	0.006		0.41	1.46	21.9	<0.2	<10	400	0.56	3.90	4.06	1.49	26.3	13.2
ZZ02173		0.12	0.008		0.42	1.45	23.8	<0.2	<10	410	0.62	3.63	3.70	1.25	22.3	11.8
ZZ02174		0.19	0.005		0.32	1.13	20.7	<0.2	<10	350	0.44	5.25	9.19	0.97	19.70	10.2
ZZ02175		0.16	0.005		0.29	1.14	21.3	<0.2	<10	370	0.45	3.82	10.15	0.87	17.60	10.7
ZZ02176		0.12	0.004		0.26	1.58	22.8	<0.2	<10	540	0.58	3.68	1.14	0.94	24.7	11.6
ZZ02177		0.09	0.004		0.13	2.80	39.8	<0.2	<10	240	1.16	5.05	0.76	1.29	34.5	14.8
ZZ02178		0.13	0.003		0.24	1.79	19.6	<0.2	<10	640	0.69	2.13	0.74	0.74	26.4	12.7
ZZ02179		0.14	0.009		0.68	1.11	31.1	<0.2	<10	210	0.66	7.59	10.55	0.66	19.70	7.8
ZZ02180		0.14	0.003		0.31	0.61	27.8	<0.2	<10	240	0.38	0.88	12.90	1.07	16.45	5.8

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cr	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	1	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
ZZ02141		42	3.15	25.9	3.46	4.73	0.05	0.04	0.08	0.048	0.08	14.0	15.1	2.82	610	2.53
ZZ02142		48	1.98	17.5	3.99	6.12	0.06	0.03	0.07	0.057	0.06	17.2	19.2	1.75	1050	1.91
ZZ02143		31	2.11	18.1	3.24	4.13	0.05	0.04	0.08	0.057	0.05	14.7	13.8	2.98	873	3.34
ZZ02144		50	2.87	32.0	4.19	5.78	0.06	0.05	0.14	0.071	0.07	19.1	17.7	1.41	1180	5.51
ZZ02145		21	1.50	20.1	2.30	2.73	0.05	0.03	0.05	0.028	0.06	9.3	9.3	4.85	601	2.76
ZZ02146		29	1.51	21.3	2.94	4.07	<0.05	0.03	0.06	0.036	0.05	11.4	13.1	2.37	581	1.84
ZZ02147		30	1.27	24.4	2.94	4.50	0.05	0.04	0.07	0.041	0.04	13.5	14.4	1.96	786	1.68
ZZ02148		31	1.28	23.4	3.23	4.39	0.06	0.04	0.06	0.041	0.05	14.6	14.2	1.71	630	2.37
ZZ02149		29	1.45	21.7	2.89	4.32	<0.05	0.03	0.07	0.036	0.04	11.3	13.3	2.08	1000	1.97
ZZ02150		31	1.60	23.0	3.16	4.42	0.05	0.04	0.08	0.045	0.05	13.2	14.8	2.75	875	2.35
ZZ02151		25	1.64	18.2	2.45	2.98	0.05	0.03	0.04	0.029	0.05	9.4	10.6	5.56	779	2.59
ZZ02152		24	1.42	20.7	2.32	2.96	0.05	0.03	0.05	0.032	0.05	9.4	10.4	3.74	609	2.64
ZZ02153		17	0.78	7.7	1.72	2.23	<0.05	0.03	0.05	0.029	0.02	6.6	9.1	7.77	480	2.59
ZZ02154		27	1.46	6.9	2.65	4.71	<0.05	0.02	0.03	0.031	0.03	8.7	14.8	0.45	456	2.81
ZZ02155		39	2.17	10.4	3.25	6.19	<0.05	0.03	0.03	0.051	0.04	11.8	17.2	0.65	900	2.42
ZZ02156		41	2.61	24.1	3.67	5.73	0.06	0.04	0.07	0.052	0.06	19.0	17.2	1.34	697	2.95
ZZ02157		47	2.45	28.6	4.18	5.24	0.07	0.03	0.10	0.078	0.06	19.7	16.7	1.90	1280	4.72
ZZ02158		48	3.28	23.7	3.45	5.54	0.06	0.03	0.08	0.097	0.07	17.0	18.7	3.22	953	3.16
ZZ02159		25	1.41	11.9	2.31	2.81	<0.05	0.02	0.05	0.066	0.03	8.6	10.6	7.08	902	3.12
ZZ02160		39	1.57	14.1	3.18	4.78	0.05	0.05	0.09	0.044	0.05	16.8	14.8	2.77	580	2.68
ZZ02161		29	1.38	11.4	2.91	3.79	<0.05	0.03	0.05	0.087	0.03	10.7	11.3	6.03	1050	3.75
ZZ02162		32	1.04	9.8	2.96	4.67	<0.05	0.04	0.04	0.026	0.05	14.4	17.5	1.60	568	2.06
ZZ02163		63	2.87	11.3	3.07	10.30	0.05	0.03	0.04	0.039	0.06	10.9	41.3	1.71	616	5.30
ZZ02164		34	1.86	16.3	3.42	4.02	0.05	0.02	0.06	0.064	0.04	15.1	13.3	4.57	1090	3.43
ZZ02165		37	1.76	14.5	3.19	5.25	<0.05	0.03	0.05	0.047	0.05	13.9	16.2	2.28	473	3.28
ZZ02166		33	1.71	14.3	3.22	6.00	0.05	0.02	0.04	0.043	0.05	14.8	15.5	0.62	790	2.36
ZZ02167		32	1.41	18.4	3.49	4.09	<0.05	0.04	0.06	0.069	0.04	11.9	13.4	1.35	1560	6.89
ZZ02168		33	1.74	22.4	2.85	4.22	0.05	0.04	0.06	0.036	0.06	12.5	13.9	1.32	714	3.02
ZZ02169		31	1.67	16.2	2.97	4.19	<0.05	0.03	0.05	0.037	0.05	11.8	13.4	3.80	849	3.94
ZZ02170		37	2.05	18.7	3.48	4.89	0.05	0.14	0.06	0.049	0.06	13.1	14.9	1.53	831	2.39
ZZ02171		25	2.04	16.3	2.39	2.91	0.05	0.03	0.04	0.038	0.07	7.8	9.8	6.26	572	2.04
ZZ02172		32	1.58	23.8	3.14	4.55	0.05	0.04	0.06	0.042	0.06	13.8	14.5	2.83	689	2.07
ZZ02173		34	1.62	21.5	3.04	4.21	<0.05	0.03	0.07	0.040	0.06	12.3	13.4	2.33	837	2.00
ZZ02174		27	1.91	18.3	2.58	3.37	<0.05	0.03	0.04	0.037	0.07	10.6	11.7	5.79	543	2.25
ZZ02175		29	2.51	19.6	2.52	3.38	<0.05	0.03	0.03	0.035	0.07	9.9	11.7	5.88	601	2.03
ZZ02176		33	1.40	14.5	3.08	4.79	<0.05	0.03	0.05	0.042	0.05	12.5	13.9	0.72	816	2.22
ZZ02177		44	2.82	15.7	4.56	6.12	0.05	0.03	0.05	0.073	0.05	13.1	33.5	0.83	752	9.45
ZZ02178		32	2.13	15.5	2.93	6.15	<0.05	0.03	0.04	0.039	0.05	12.2	14.9	0.59	796	2.05
ZZ02179		28	1.17	12.4	2.73	2.80	0.05	0.04	0.06	0.057	0.03	12.0	11.1	6.72	833	5.08
ZZ02180		16	0.45	11.2	1.53	1.79	<0.05	0.04	0.04	0.018	0.02	7.5	7.2	7.68	664	9.55

***** 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: 29-OCT-2013
Account: RCM

Project: Tiger

CERTIFICATE OF ANALYSIS WH13184570

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01
ZZ02141		0.01	1.63	44.0	1040	86.7	13.3	0.001	0.04	1.32	3.8	0.8	1.0	31.0	<0.01	0.07
ZZ02142		0.01	1.03	41.3	510	75.4	12.7	0.001	0.02	1.06	5.3	1.0	0.9	18.3	<0.01	0.05
ZZ02143		0.01	0.96	36.7	750	92.7	11.6	<0.001	0.04	1.43	3.2	0.7	0.9	27.8	<0.01	0.05
ZZ02144		0.02	1.30	55.5	1350	124.5	16.9	0.001	0.07	1.97	4.3	1.4	1.3	21.9	<0.01	0.06
ZZ02145		0.01	0.99	28.5	790	53.7	7.8	0.001	0.02	1.11	2.4	0.6	0.5	61.0	<0.01	0.03
ZZ02146		0.02	1.22	31.4	1050	56.1	9.2	<0.001	0.06	1.15	2.6	0.7	0.8	31.1	<0.01	0.04
ZZ02147		0.02	1.01	29.9	850	55.7	9.0	<0.001	0.04	1.07	3.0	0.9	0.7	28.7	<0.01	0.04
ZZ02148		0.02	1.02	35.9	780	52.8	8.4	<0.001	0.03	1.23	3.8	0.4	0.8	23.6	<0.01	0.06
ZZ02149		0.01	1.05	29.2	1080	64.7	8.7	<0.001	0.07	1.23	2.5	1.1	0.6	38.0	<0.01	0.03
ZZ02150		0.02	1.10	34.2	910	66.4	12.1	<0.001	0.03	1.16	3.5	0.8	0.7	27.8	<0.01	0.05
ZZ02151		0.02	1.12	31.5	900	56.4	7.6	0.001	0.02	1.23	2.7	0.5	0.7	48.9	<0.01	0.04
ZZ02152		0.02	0.78	28.8	790	42.9	7.6	0.001	0.03	1.07	2.5	0.4	0.5	42.6	<0.01	0.04
ZZ02153		0.01	0.50	18.3	550	41.1	5.3	<0.001	0.03	0.73	1.9	0.5	0.3	47.0	<0.01	0.02
ZZ02154		<0.01	0.82	16.2	630	49.3	10.3	<0.001	0.04	0.90	1.9	<0.2	0.7	10.5	<0.01	0.03
ZZ02155		0.01	1.32	25.7	350	66.6	10.4	<0.001	0.02	0.82	3.4	0.3	0.9	10.2	<0.01	0.05
ZZ02156		0.01	1.12	42.8	420	73.7	13.0	<0.001	0.03	1.40	4.9	0.9	1.1	15.5	<0.01	0.06
ZZ02157		0.01	1.15	60.8	730	105.0	9.7	<0.001	0.04	2.30	5.5	1.5	1.3	22.6	<0.01	0.08
ZZ02158		0.02	1.75	49.2	720	110.0	12.3	0.001	0.04	1.87	4.8	0.8	1.6	30.7	<0.01	0.05
ZZ02159		0.02	0.61	27.0	690	133.0	6.7	0.001	0.03	1.34	2.2	0.4	0.9	48.5	<0.01	0.04
ZZ02160		0.01	0.85	34.3	520	113.5	10.2	<0.001	0.04	1.13	4.3	0.6	0.9	24.7	<0.01	0.05
ZZ02161		0.02	0.91	29.8	630	119.0	6.8	<0.001	0.04	1.04	3.1	0.4	0.9	35.2	<0.01	0.05
ZZ02162		0.01	0.82	24.1	440	24.1	10.7	<0.001	0.03	0.79	3.4	<0.2	0.5	17.2	<0.01	0.03
ZZ02163		0.03	1.31	30.1	710	35.7	11.9	<0.001	0.05	0.84	3.5	0.4	1.2	19.4	<0.01	0.04
ZZ02164		0.02	0.83	37.2	840	86.1	7.2	<0.001	0.04	1.50	3.0	1.0	1.0	29.3	<0.01	0.05
ZZ02165		0.01	1.02	33.1	590	137.5	9.3	<0.001	0.04	1.22	3.3	0.7	1.0	20.7	<0.01	0.04
ZZ02166		0.01	0.91	25.6	510	44.7	12.0	<0.001	0.03	0.80	3.1	0.7	0.7	13.2	<0.01	0.04
ZZ02167		0.01	0.60	38.3	970	82.5	8.1	0.001	0.06	2.25	2.3	0.8	0.7	18.7	<0.01	0.05
ZZ02168		0.02	0.91	35.5	1050	66.0	11.9	<0.001	0.07	1.11	2.7	0.6	0.7	23.5	<0.01	0.07
ZZ02169		0.02	1.05	31.8	820	68.3	9.8	0.001	0.04	1.14	3.0	0.5	0.7	34.5	<0.01	0.04
ZZ02170		0.02	1.41	36.4	970	86.8	10.8	<0.001	0.06	1.31	3.1	0.9	0.9	21.9	<0.01	0.06
ZZ02171		0.02	1.24	28.4	980	63.4	9.3	<0.001	0.03	1.03	2.4	0.2	0.6	53.3	<0.01	0.03
ZZ02172		0.02	1.19	35.5	990	65.5	10.4	<0.001	0.03	1.12	3.7	0.5	0.8	30.4	<0.01	0.04
ZZ02173		0.02	1.17	33.6	1140	97.3	9.4	<0.001	0.06	1.16	2.8	0.6	1.0	30.1	<0.01	0.04
ZZ02174		0.02	1.14	30.5	840	63.2	11.2	<0.001	0.02	1.02	2.9	0.3	0.6	50.3	<0.01	0.04
ZZ02175		0.02	1.31	29.3	900	65.7	10.6	0.001	0.02	1.09	3.0	0.5	0.7	64.1	<0.01	0.04
ZZ02176		0.01	0.93	29.1	840	57.9	10.3	<0.001	0.06	1.03	2.6	0.5	0.7	17.7	<0.01	0.06
ZZ02177		0.01	1.30	43.9	1060	89.4	10.8	0.002	0.06	1.70	2.8	1.3	0.9	14.3	0.01	0.08
ZZ02178		0.01	0.85	22.4	780	44.2	11.9	<0.001	0.04	0.65	3.0	0.5	0.8	14.8	<0.01	0.04
ZZ02179		0.02	0.70	37.7	530	92.9	6.0	0.001	0.04	1.62	3.5	0.8	0.6	42.3	<0.01	0.05
ZZ02180		0.01	0.31	34.8	560	28.5	6.5	0.002	0.05	1.15	1.5	0.9	0.3	56.5	<0.01	0.05

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 29-OCT-2013
Account: RCM

Project: Tiger

CERTIFICATE OF ANALYSIS WH13184570

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Th	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.2	0.005	0.02	0.05	1	0.05	0.05	2	0.5
ZZ02141		2.2	0.062	0.35	1.18	49	2.28	12.20	426	1.3
ZZ02142		2.2	0.062	0.19	0.88	63	1.42	16.35	571	0.8
ZZ02143		1.6	0.038	0.24	1.24	46	2.54	13.30	438	1.2
ZZ02144		1.6	0.048	0.44	2.10	63	2.34	18.50	726	1.7
ZZ02145		1.9	0.036	0.17	1.05	31	1.75	7.20	316	1.3
ZZ02146		1.0	0.040	0.17	1.05	44	1.98	10.00	264	1.0
ZZ02147		1.3	0.038	0.13	1.00	48	1.64	10.80	234	1.1
ZZ02148		2.2	0.045	0.15	0.81	49	6.54	11.70	242	1.1
ZZ02149		0.9	0.035	0.15	1.33	47	1.28	9.55	238	1.0
ZZ02150		1.6	0.043	0.17	1.18	49	4.43	11.85	299	1.0
ZZ02151		1.6	0.045	0.18	1.11	35	2.91	8.00	228	1.1
ZZ02152		1.4	0.036	0.14	1.07	35	3.02	7.75	237	1.0
ZZ02153		0.9	0.020	0.10	1.64	36	1.00	5.02	207	1.0
ZZ02154		0.7	0.034	0.19	1.25	53	1.07	3.68	582	0.6
ZZ02155		2.6	0.040	0.24	0.87	62	2.28	5.77	482	0.9
ZZ02156		2.9	0.045	0.31	1.30	62	4.12	14.40	278	1.2
ZZ02157		2.2	0.056	0.36	1.78	70	4.04	19.10	548	1.1
ZZ02158		2.1	0.064	0.33	1.31	57	7.29	17.20	325	1.1
ZZ02159		0.7	0.030	0.16	1.70	42	3.93	6.44	528	0.7
ZZ02160		2.1	0.028	0.20	1.65	61	1.77	11.30	307	1.5
ZZ02161		1.0	0.039	0.17	1.55	49	3.25	8.17	627	0.8
ZZ02162		1.8	0.029	0.14	0.93	51	0.90	6.61	161	1.1
ZZ02163		1.3	0.066	0.26	1.70	102	1.18	5.23	481	1.1
ZZ02164		0.8	0.041	0.19	1.73	60	4.56	11.75	330	0.6
ZZ02165		1.5	0.033	0.20	1.51	61	9.16	9.31	316	1.0
ZZ02166		1.4	0.032	0.16	2.17	66	0.99	7.28	221	0.6
ZZ02167		0.9	0.024	0.21	2.75	78	2.86	7.01	524	1.0
ZZ02168		1.1	0.038	0.20	1.31	50	2.03	9.65	299	1.1
ZZ02169		1.2	0.038	0.16	1.30	49	2.12	9.06	260	0.9
ZZ02170		1.1	0.048	0.18	1.37	57	3.21	10.45	313	1.0
ZZ02171		1.4	0.045	0.17	1.05	34	2.63	6.53	253	1.2
ZZ02172		1.9	0.047	0.16	0.91	48	3.55	11.15	262	1.3
ZZ02173		1.0	0.046	0.16	1.32	51	7.33	11.05	274	1.1
ZZ02174		1.9	0.048	0.17	1.17	39	3.20	8.20	208	1.1
ZZ02175		1.5	0.052	0.19	1.03	38	4.74	8.19	211	0.9
ZZ02176		1.1	0.034	0.15	1.79	55	3.29	7.23	290	1.0
ZZ02177		1.2	0.042	0.28	3.61	96	2.98	7.38	199	1.1
ZZ02178		1.3	0.030	0.18	1.89	64	1.11	5.79	159	0.7
ZZ02179		1.5	0.028	0.20	2.20	59	3.20	9.87	339	1.1
ZZ02180		0.6	0.014	0.12	2.64	48	0.67	4.78	170	1.0

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Finalized Date: 29-OCT-2013
Account: RCM

Project: Tiger

CERTIFICATE OF ANALYSIS WH13184570

Sample Description	Method	WEI-21	Au-ICP21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Au Check	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.02	0.001	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1
ZZ02181		0.16	0.024		0.85	1.22	33.2	<0.2	<10	410	0.72	2.93	6.69	0.77	27.9	10.6
ZZ02182		0.14	0.002		0.11	1.76	14.1	<0.2	<10	370	0.68	0.89	1.62	0.67	23.2	8.2
ZZ02183		0.15	0.006		0.51	0.83	30.8	<0.2	<10	360	0.51	2.97	10.75	2.88	21.7	7.4
ZZ02184		0.13	0.003		0.48	1.94	24.4	<0.2	<10	320	1.05	1.49	1.18	6.36	34.4	11.1
ZZ02185		0.15	0.001		0.30	2.03	15.9	<0.2	<10	160	0.93	0.35	0.84	0.92	33.1	9.1
ZZ02186		0.13	0.003		0.29	1.89	15.1	<0.2	<10	300	0.73	0.44	0.69	0.63	29.2	8.1
ZZ02187		0.13	0.006		0.24	1.95	20.7	<0.2	<10	280	0.83	1.05	1.98	1.28	30.4	11.2
ZZ02188		0.15	0.003		0.55	0.55	17.6	<0.2	<10	280	0.37	2.24	14.55	0.83	12.05	4.7
ZZ02189		0.10	0.005		0.37	1.53	23.7	<0.2	<10	440	0.65	1.92	1.71	1.94	20.5	9.9
ZZ02190		0.13	0.002		0.15	1.57	14.8	<0.2	<10	380	0.55	0.40	2.98	0.29	24.3	6.9
ZZ02191		0.18	0.013		1.15	2.17	62.9	<0.2	<10	780	1.09	11.65	1.86	2.27	35.3	21.4
ZZ02192		0.11	0.010		0.71	2.05	51.7	<0.2	<10	470	1.08	9.22	2.58	1.52	47.7	16.4
ZZ02193		0.20	0.006		0.37	1.01	26.4	<0.2	<10	220	0.47	4.42	10.30	0.93	18.45	10.9
ZZ02194		0.17	0.004		0.31	0.82	19.7	<0.2	<10	350	0.34	4.10	12.40	1.13	12.75	8.4
ZZ02195		0.13	0.006		0.42	0.94	25.8	<0.2	<10	330	0.46	3.88	8.74	1.68	18.15	9.6
ZZ02196		0.13	0.004		0.31	0.89	23.0	<0.2	<10	310	0.42	3.51	8.87	1.32	16.95	9.1
ZZ02197		0.11	0.004		0.39	1.12	25.4	<0.2	<10	450	0.50	3.82	4.50	1.34	20.1	11.2
ZZ02198		0.16	0.006		0.58	1.28	31.6	<0.2	<10	570	0.62	5.37	4.65	1.64	24.3	14.2
ZZ02199		0.18	0.006		0.36	0.85	22.8	<0.2	<10	260	0.44	4.20	11.10	1.27	15.95	9.3
ZZ02200		0.19	0.006		0.45	0.84	26.0	<0.2	<10	350	0.46	20.0	7.77	1.00	18.65	10.0
ZZ02201		0.17	0.008		0.42	1.16	30.3	<0.2	<10	300	0.58	8.94	6.71	0.92	21.7	12.2
ZZ02202		0.08	0.009		0.47	1.40	25.1	<0.2	<10	800	0.56	3.64	2.69	1.22	20.3	10.6
ZZ02203		0.13	0.005		0.65	1.36	35.4	<0.2	<10	470	0.64	4.86	6.12	1.30	21.7	11.2
ZZ02204		0.17	0.013		0.65	1.32	47.3	<0.2	<10	320	0.73	10.20	5.84	1.54	21.9	10.6
ZZ02205		0.15	0.009		0.30	1.64	21.2	<0.2	<10	390	0.74	1.66	0.93	0.77	31.9	10.9
ZZ02206		0.18	0.004		0.28	1.48	15.6	<0.2	<10	520	0.75	0.80	2.66	1.06	27.7	10.0
ZZ02207		0.19	0.007		0.16	1.73	15.2	<0.2	<10	220	0.71	0.30	0.39	0.32	30.5	9.0
ZZ02208		0.18	0.006		0.13	1.86	19.7	<0.2	<10	660	0.79	0.47	0.39	0.21	34.4	10.2
ZZ02209		0.12	0.006		1.02	1.58	31.4	<0.2	<10	450	0.84	2.05	3.23	2.66	22.7	7.0
ZZ02210		0.20	0.014		1.06	0.70	279	<0.2	<10	260	0.33	0.57	0.46	2.96	65.1	62.8
ZZ02211		0.17	0.016		0.52	1.08	45.0	<0.2	<10	520	0.48	1.57	5.83	0.83	27.7	16.2
ZZ02212		0.13	0.036		1.93	1.27	104.0	<0.2	<10	510	0.60	6.40	2.57	1.71	39.3	27.6
ZZ02213		0.18	0.006		0.56	0.93	25.3	<0.2	<10	620	0.47	3.00	12.80	3.51	13.00	8.2
ZZ02214		0.19	0.006		0.49	1.29	30.7	<0.2	<10	500	0.61	4.29	7.06	1.05	22.6	11.5
ZZ02215		0.15	0.005		0.45	0.62	19.8	<0.2	<10	360	0.60	2.18	15.30	0.74	10.60	5.9
ZZ02216		0.11	0.008		0.64	1.43	26.5	<0.2	<10	1240	0.63	2.58	2.11	3.16	27.6	14.1
ZZ02217		0.16	0.009		0.72	1.04	30.9	<0.2	<10	540	0.48	4.70	8.76	2.08	19.35	12.6
ZZ02218		0.12	0.009		0.50	0.94	26.0	<0.2	<10	530	0.47	4.21	9.13	2.10	16.45	10.1
ZZ02219		0.11	0.005		0.58	1.23	28.6	<0.2	<10	580	0.48	5.14	3.98	1.65	17.95	12.6
ZZ02220		0.15	0.007		0.54	1.03	27.7	<0.2	<10	520	0.48	3.53	8.28	2.04	17.40	11.5

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	Analyte	Cr	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	1	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
ZZ02181		30	1.11	18.1	3.05	3.26	0.07	0.04	0.14	0.051	0.05	15.5	13.2	4.58	1020	5.91
ZZ02182		31	1.00	12.5	2.85	5.20	<0.05	0.04	0.03	0.030	0.05	10.1	14.4	1.19	518	1.18
ZZ02183		19	0.94	14.6	2.15	2.28	<0.05	0.05	0.06	0.122	0.03	10.1	8.2	6.51	1260	5.29
ZZ02184		33	1.53	13.4	3.35	5.10	<0.05	0.03	0.08	0.059	0.05	13.8	15.4	0.79	1460	3.25
ZZ02185		33	1.37	9.6	2.91	5.80	<0.05	0.04	0.06	0.032	0.04	13.4	16.8	0.80	454	1.41
ZZ02186		30	1.25	8.8	2.82	5.50	0.05	0.05	0.05	0.031	0.04	13.9	15.3	0.62	489	1.58
ZZ02187		33	0.92	14.7	3.13	5.74	<0.05	0.06	0.06	0.035	0.05	14.0	16.1	1.48	703	2.93
ZZ02188		11	0.31	7.7	1.55	1.55	<0.05	0.04	0.05	0.041	0.02	5.0	7.9	8.71	1080	15.05
ZZ02189		30	1.36	16.5	2.85	4.62	<0.05	0.03	0.07	0.045	0.05	10.5	15.0	0.91	921	3.62
ZZ02190		25	1.28	9.2	2.63	4.72	<0.05	0.03	0.03	0.020	0.04	9.6	14.4	2.01	518	1.45
ZZ02191		60	2.23	24.1	4.90	5.97	0.07	0.03	0.09	0.094	0.06	16.4	24.7	2.00	1250	9.00
ZZ02192		43	2.09	19.4	3.97	5.05	0.06	0.04	0.07	0.071	0.05	16.2	17.2	1.88	1530	8.47
ZZ02193		26	2.07	18.0	2.44	3.03	0.05	0.03	0.04	0.038	0.06	11.9	10.3	6.49	785	2.66
ZZ02194		25	2.13	13.6	2.07	2.54	<0.05	0.03	0.04	0.028	0.07	6.4	9.1	7.21	577	1.74
ZZ02195		25	1.71	21.2	2.40	2.94	0.05	0.03	0.06	0.037	0.05	9.9	11.0	5.40	662	1.98
ZZ02196		22	1.25	15.4	2.22	2.79	<0.05	0.04	0.04	0.033	0.04	8.9	10.3	5.42	800	2.47
ZZ02197		27	1.32	19.4	2.61	3.52	<0.05	0.04	0.13	0.030	0.05	10.2	12.3	2.62	850	2.48
ZZ02198		30	1.44	30.4	3.15	3.96	0.05	0.03	0.09	0.048	0.06	12.8	13.3	3.01	1250	2.47
ZZ02199		21	1.60	23.5	2.25	2.55	<0.05	0.04	0.04	0.042	0.06	8.7	10.0	6.73	712	1.95
ZZ02200		23	1.39	18.0	2.33	2.49	0.06	0.04	0.06	0.031	0.04	11.3	9.5	4.92	655	2.39
ZZ02201		33	1.93	18.4	2.85	3.48	0.06	0.03	0.04	0.035	0.06	12.1	13.0	4.68	755	2.82
ZZ02202		28	1.31	16.4	2.89	4.17	<0.05	0.04	0.07	0.038	0.04	9.8	12.9	1.37	1290	2.02
ZZ02203		31	2.14	13.0	3.16	4.12	0.05	0.02	0.07	0.055	0.04	11.8	13.7	4.01	1270	1.79
ZZ02204		31	1.29	16.2	3.12	3.70	0.05	0.03	0.07	0.063	0.04	14.0	14.1	3.80	983	6.27
ZZ02205		31	1.03	15.8	3.08	4.97	0.05	0.04	0.08	0.029	0.04	14.4	17.4	0.61	969	1.71
ZZ02206		29	0.85	11.7	2.74	4.59	<0.05	0.04	0.05	0.028	0.04	13.0	13.0	1.80	949	1.41
ZZ02207		32	1.07	15.5	2.83	5.60	0.05	0.07	0.05	0.022	0.05	16.4	15.4	0.61	351	1.28
ZZ02208		32	1.38	13.9	3.07	5.48	0.05	0.04	0.04	0.029	0.05	16.0	15.5	0.61	455	1.38
ZZ02209		25	1.25	10.4	3.21	3.85	<0.05	0.04	0.07	0.096	0.03	11.2	14.7	1.97	1650	1.07
ZZ02210		20	0.84	52.7	6.59	1.98	0.09	0.03	0.06	0.025	0.04	25.8	5.1	0.27	1360	2.87
ZZ02211		22	0.67	16.2	2.96	3.03	<0.05	0.05	0.07	0.046	0.04	13.9	11.8	3.76	816	1.60
ZZ02212		36	1.28	32.8	5.02	3.82	0.06	0.04	0.10	0.036	0.08	21.3	13.1	1.95	872	2.41
ZZ02213		24	1.80	12.9	2.28	2.75	<0.05	0.03	0.05	0.069	0.04	7.1	10.4	7.92	1220	1.94
ZZ02214		29	1.62	17.6	3.03	3.76	<0.05	0.02	0.04	0.047	0.05	11.6	12.3	4.77	1180	2.40
ZZ02215		16	0.90	8.7	1.58	1.85	<0.05	0.02	0.02	0.035	0.02	4.7	8.0	9.38	744	3.08
ZZ02216		29	1.23	24.8	3.08	4.52	0.06	0.05	0.08	0.048	0.05	14.0	13.8	1.25	1620	1.92
ZZ02217		26	1.36	24.9	2.91	3.22	0.05	0.04	0.06	0.046	0.06	10.8	11.5	5.40	731	2.42
ZZ02218		24	1.62	21.9	2.52	3.01	0.05	0.03	0.06	0.042	0.05	9.2	10.4	5.51	788	2.39
ZZ02219		32	1.89	23.2	2.89	3.83	<0.05	0.04	0.08	0.047	0.05	9.8	11.9	1.98	988	2.02
ZZ02220		28	1.66	24.9	2.74	3.26	0.05	0.04	0.07	0.043	0.05	9.8	11.3	5.02	1040	2.03

***** 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: 29-OCT-2013
Account: RCM

Project: Tiger

CERTIFICATE OF ANALYSIS WH13184570

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01
ZZ02181		0.01	0.62	46.0	700	84.6	8.5	<0.001	0.04	1.65	3.5	1.1	0.6	34.8	<0.01	0.05
ZZ02182		0.01	0.85	20.1	550	38.3	9.1	<0.001	0.05	0.65	3.0	0.3	0.7	14.3	<0.01	0.03
ZZ02183		0.01	0.46	35.6	1120	115.5	5.9	0.001	0.05	1.96	2.4	0.6	0.7	51.3	<0.01	0.05
ZZ02184		0.01	0.68	31.0	990	114.0	11.9	<0.001	0.07	1.33	2.9	0.8	1.1	14.3	<0.01	0.05
ZZ02185		0.01	0.93	24.5	540	31.9	10.7	<0.001	0.04	0.78	3.6	0.5	0.6	11.9	<0.01	0.04
ZZ02186		0.01	0.97	22.2	470	66.2	8.8	<0.001	0.04	0.64	3.5	0.4	0.6	13.5	<0.01	0.03
ZZ02187		0.01	0.91	31.0	640	46.1	10.1	<0.001	0.04	0.95	3.7	0.7	0.6	17.9	<0.01	0.04
ZZ02188		0.01	0.29	20.9	400	96.8	3.3	<0.001	0.04	0.71	1.4	0.5	0.5	58.9	<0.01	0.03
ZZ02189		0.01	0.81	30.3	820	63.8	12.3	<0.001	0.08	0.97	2.3	0.6	0.7	24.5	<0.01	0.05
ZZ02190		0.01	0.80	24.0	490	21.2	8.8	<0.001	0.04	1.53	3.1	0.4	0.5	19.0	<0.01	0.03
ZZ02191		0.03	1.37	80.7	860	172.5	10.0	<0.001	0.06	2.66	6.0	1.2	1.3	24.2	<0.01	0.09
ZZ02192		0.02	1.06	55.2	840	332	9.9	<0.001	0.07	2.11	3.9	1.2	1.0	21.7	<0.01	0.07
ZZ02193		0.02	1.11	35.0	910	116.5	8.2	0.001	0.03	1.36	3.9	0.7	0.8	54.5	<0.01	0.04
ZZ02194		0.02	1.13	26.6	760	89.2	8.3	<0.001	0.04	0.89	2.5	0.4	0.5	68.6	<0.01	0.04
ZZ02195		0.02	0.78	32.3	920	88.8	9.7	<0.001	0.04	1.45	2.6	0.7	0.6	44.6	<0.01	0.04
ZZ02196		0.02	0.79	29.3	800	62.2	7.0	<0.001	0.04	1.09	2.3	0.6	0.5	42.9	<0.01	0.05
ZZ02197		0.02	0.91	32.5	1020	79.8	9.1	<0.001	0.07	1.14	2.3	0.7	0.7	32.2	<0.01	0.05
ZZ02198		0.02	0.80	38.5	1220	122.5	9.7	<0.001	0.06	1.53	2.6	1.0	0.8	33.6	<0.01	0.05
ZZ02199		0.02	0.82	30.5	760	79.6	8.3	<0.001	0.02	1.13	2.8	0.5	0.6	53.3	<0.01	0.04
ZZ02200		0.02	0.76	33.2	870	89.0	7.0	<0.001	0.03	1.22	3.0	0.7	0.6	47.8	<0.01	0.05
ZZ02201		0.02	1.16	41.9	850	96.7	9.0	<0.001	0.03	1.35	3.5	0.5	0.8	37.9	<0.01	0.05
ZZ02202		0.01	0.80	28.9	910	74.7	8.1	<0.001	0.08	0.98	2.4	0.7	0.7	20.7	<0.01	0.04
ZZ02203		0.02	0.90	35.9	910	122.5	7.1	<0.001	0.06	1.22	2.9	0.9	0.9	37.1	<0.01	0.04
ZZ02204		0.01	0.72	42.8	1100	90.5	8.2	0.001	0.05	1.52	2.7	0.8	0.7	31.4	<0.01	0.08
ZZ02205		0.01	0.65	27.9	1010	32.3	8.9	<0.001	0.06	0.81	2.7	0.8	0.5	14.0	<0.01	0.04
ZZ02206		0.01	0.66	23.4	550	44.9	10.3	<0.001	0.04	0.75	3.1	0.7	0.5	19.3	<0.01	0.04
ZZ02207		0.01	1.02	24.3	310	19.2	10.2	<0.001	0.02	0.68	4.4	0.7	0.6	12.6	<0.01	0.04
ZZ02208		0.01	0.89	23.9	310	23.7	12.3	<0.001	0.02	0.76	4.2	0.8	0.6	12.3	<0.01	0.05
ZZ02209		0.01	0.56	21.9	820	98.5	8.1	<0.001	0.04	0.57	2.6	0.5	0.8	19.1	<0.01	0.05
ZZ02210		<0.01	0.31	255	1820	24.9	5.3	<0.001	0.02	4.40	4.9	0.9	0.3	11.2	<0.01	0.02
ZZ02211		0.01	0.59	60.2	1340	55.7	5.7	<0.001	0.02	1.40	3.7	0.7	0.6	35.7	<0.01	0.04
ZZ02212		0.01	0.80	107.0	940	77.5	8.9	<0.001	0.09	2.86	4.6	1.1	0.7	25.8	<0.01	0.06
ZZ02213		0.02	0.88	30.9	960	182.5	7.6	0.001	0.04	1.23	2.6	0.4	1.0	54.9	<0.01	0.03
ZZ02214		0.02	0.82	38.9	670	103.5	8.8	0.001	0.03	1.42	3.2	0.6	0.8	37.5	<0.01	0.07
ZZ02215		0.02	0.59	20.5	630	97.4	3.8	0.001	0.03	1.03	1.6	0.4	0.5	60.2	<0.01	0.04
ZZ02216		0.01	0.91	33.4	1030	155.5	8.6	0.001	0.06	1.15	3.2	1.4	0.8	24.4	<0.01	0.07
ZZ02217		0.02	0.85	37.9	1060	213	8.4	0.001	0.03	1.52	3.2	1.0	0.8	51.2	<0.01	0.08
ZZ02218		0.02	0.80	33.4	980	129.0	8.3	<0.001	0.05	1.26	2.4	0.7	0.9	48.6	<0.01	0.04
ZZ02219		0.02	1.01	35.6	1140	125.0	10.1	0.001	0.09	1.22	2.3	0.8	0.8	36.3	<0.01	0.05
ZZ02220		0.02	0.94	37.1	1100	111.0	9.1	<0.001	0.05	1.17	2.7	0.8	0.9	47.6	<0.01	0.03

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 29- OCT- 2013
Account: RCM

Project: Tiger

CERTIFICATE OF ANALYSIS WH13184570

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Th	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.2	0.005	0.02	0.05	1	0.05	0.05	2	0.5
ZZ02181		1.5	0.030	0.19	3.30	61	4.72	13.35	329	1.2
ZZ02182		1.4	0.027	0.13	1.10	61	1.23	4.11	367	0.9
ZZ02183		1.1	0.022	0.19	4.16	60	3.21	8.58	512	1.3
ZZ02184		1.0	0.030	0.20	2.31	88	0.88	7.61	1020	0.8
ZZ02185		2.0	0.025	0.17	1.96	78	0.46	7.22	209	1.1
ZZ02186		2.4	0.026	0.16	2.34	70	0.44	6.48	193	1.1
ZZ02187		1.8	0.025	0.20	2.10	76	0.49	8.89	274	1.5
ZZ02188		0.6	0.013	0.10	1.87	30	2.63	3.80	189	1.0
ZZ02189		0.7	0.029	0.18	2.30	61	0.81	7.33	406	0.9
ZZ02190		1.7	0.024	0.14	1.12	54	0.37	3.80	100	0.8
ZZ02191		2.0	0.064	0.27	2.04	78	10.15	15.10	1050	1.0
ZZ02192		1.4	0.037	0.31	2.45	75	3.40	11.10	493	1.0
ZZ02193		2.2	0.049	0.27	1.51	38	4.50	12.35	263	1.2
ZZ02194		1.1	0.043	0.14	1.24	31	3.66	6.16	232	0.9
ZZ02195		1.0	0.034	0.18	1.45	37	3.35	9.51	324	0.9
ZZ02196		1.0	0.032	0.15	1.52	35	1.63	8.07	269	1.0
ZZ02197		0.8	0.034	0.16	1.83	45	2.54	8.83	309	1.0
ZZ02198		0.8	0.034	0.17	1.44	47	3.94	11.05	382	0.9
ZZ02199		1.6	0.033	0.17	1.22	32	9.22	8.24	251	1.2
ZZ02200		2.5	0.038	0.17	1.39	32	8.03	10.05	244	1.3
ZZ02201		2.4	0.053	0.20	1.55	44	3.50	10.10	322	1.2
ZZ02202		0.9	0.027	0.16	1.75	52	1.72	6.59	357	1.0
ZZ02203		0.8	0.036	0.22	2.56	60	1.44	10.65	406	0.6
ZZ02204		0.8	0.029	0.27	3.28	67	1.15	13.95	473	0.8
ZZ02205		1.2	0.026	0.15	3.60	97	1.35	9.16	172	0.9
ZZ02206		1.2	0.026	0.13	2.38	63	0.39	8.55	234	0.9
ZZ02207		4.0	0.032	0.15	1.66	80	0.37	9.41	105	2.0
ZZ02208		3.7	0.024	0.19	1.68	61	0.53	8.16	129	1.1
ZZ02209		1.1	0.020	0.16	1.51	50	0.60	8.14	501	1.0
ZZ02210		3.4	0.014	0.40	1.05	25	4.72	13.00	874	0.8
ZZ02211		2.5	0.026	0.19	3.35	42	1.90	9.81	387	1.3
ZZ02212		2.8	0.037	0.22	1.85	53	3.13	12.80	605	1.1
ZZ02213		1.2	0.035	0.19	2.25	37	4.26	7.06	900	0.8
ZZ02214		1.5	0.040	0.18	2.19	50	6.30	7.20	449	0.7
ZZ02215		0.9	0.025	0.10	2.00	31	1.74	3.78	296	0.8
ZZ02216		1.5	0.033	0.13	1.75	52	1.70	10.80	387	1.1
ZZ02217		1.6	0.040	0.16	1.43	39	2.12	10.65	446	1.1
ZZ02218		0.8	0.035	0.18	2.00	37	2.75	9.40	431	0.9
ZZ02219		0.7	0.040	0.21	1.84	46	1.96	9.60	439	1.2
ZZ02220		1.0	0.039	0.19	1.58	40	1.87	9.89	402	1.3

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Sample Description	Method	WEI-21	Au-ICP21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Au Check	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.02	0.001	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1
ZZ02081		0.20	0.007		0.62	1.42	26.0	<0.2	<10	540	0.46	4.37	7.88	3.23	18.85	14.0
ZZ02082		0.21	0.006		0.49	1.48	30.3	<0.2	<10	460	0.58	4.76	5.71	1.12	21.8	13.7
ZZ02083		0.20	0.003		0.47	1.84	26.8	<0.2	<10	680	0.69	5.28	3.12	2.33	22.9	16.4
ZZ02084		0.15	0.002		0.39	2.10	24.3	<0.2	<10	370	0.62	5.13	5.25	5.37	19.20	20.2
ZZ02085		0.21	0.012		0.78	1.59	30.5	<0.2	<10	610	0.59	6.20	5.79	3.98	22.9	16.0
ZZ02086		0.16	0.007		0.60	1.45	32.2	<0.2	<10	700	0.64	5.95	1.92	2.59	23.5	14.0
ZZ02087		0.12	0.001		0.30	1.31	14.7	<0.2	<10	370	0.50	3.07	2.48	12.15	14.85	7.6
ZZ02088		0.22	0.006		0.43	1.08	28.3	<0.2	<10	540	0.48	3.89	7.77	1.98	19.30	10.1
ZZ02089		0.15	0.002		0.26	0.81	16.8	<0.2	<10	330	0.33	2.06	7.74	1.33	15.65	7.6
ZZ02090		0.27	0.016		0.40	1.28	31.8	<0.2	<10	450	0.55	3.74	3.81	1.32	23.3	12.6
ZZ02091		0.32	0.010		0.23	0.99	25.6	<0.2	<10	450	0.41	1.82	3.41	0.89	23.6	10.7
ZZ02092		0.22	0.004		0.21	2.29	18.1	<0.2	<10	200	0.86	1.67	0.98	0.50	30.2	16.9
ZZ02093		0.24	0.001		0.11	3.02	12.8	<0.2	<10	90	0.92	0.66	8.77	0.22	31.8	18.3
ZZ02094		0.22	0.001		0.09	2.39	13.4	<0.2	<10	80	0.79	0.67	5.54	0.19	39.4	15.9
ZZ02095		0.21	<0.001		0.08	2.62	7.4	<0.2	<10	70	0.82	0.35	10.40	0.18	19.65	14.6
ZZ02096		0.18	0.001		0.10	4.15	5.8	<0.2	<10	110	1.28	0.31	2.09	0.28	21.8	20.3
ZZ02097		0.25	0.002		0.08	2.67	7.1	<0.2	<10	90	0.82	0.18	7.46	0.13	23.7	17.1
ZZ02098		0.23	0.002		0.12	2.53	14.6	<0.2	<10	100	0.76	0.55	5.84	0.39	24.4	18.0
ZZ02099		0.21	0.003		0.11	2.62	15.3	<0.2	<10	100	0.74	0.49	2.64	0.37	23.2	17.9
ZZ02100		0.18	0.001		0.08	2.46	20.2	<0.2	<10	70	0.70	0.21	2.79	0.17	40.5	21.8
ZZ02223		0.23	0.002		0.13	2.26	16.6	<0.2	<10	120	0.71	0.75	5.69	0.27	30.1	17.1
ZZ02224		0.25	0.004		0.14	2.00	12.8	<0.2	<10	160	0.63	1.87	8.39	0.34	23.6	14.6
ZZ02225		0.24	0.001		0.29	2.42	16.0	<0.2	<10	240	0.88	2.30	1.33	0.49	29.6	17.9
ZZ02226		0.29	0.003		0.16	1.53	13.2	<0.2	<10	260	0.54	0.59	0.53	0.13	28.3	9.7
ZZ02227		0.20	0.001		0.15	1.49	14.8	<0.2	<10	70	0.45	0.19	11.15	0.24	19.50	15.4
ZZ02228		0.10	0.003		0.10	2.35	14.8	<0.2	<10	90	0.67	0.21	2.58	0.33	19.80	16.6
ZZ02229		0.18	0.002		0.16	2.18	17.6	<0.2	<10	90	0.70	0.15	5.54	0.73	28.3	17.7
ZZ02230		0.13	<0.001		0.14	1.72	26.4	<0.2	<10	70	0.53	0.26	3.69	0.42	27.3	20.8
ZZ02231		0.13	0.002		0.34	0.98	11.7	<0.2	<10	70	0.33	0.14	4.42	0.29	19.60	10.0
ZZ02232		0.18	0.002		0.24	1.87	18.1	<0.2	<10	200	0.69	1.09	3.89	0.80	27.7	17.1
ZZ02233		0.19	<0.001		0.28	2.12	14.8	<0.2	<10	270	0.55	2.04	5.88	0.92	21.6	17.7
ZZ02065		0.19	0.001		0.06	2.57	10.9	<0.2	<10	90	0.72	0.21	2.10	0.11	32.0	19.5
ZZ02066		0.21	0.002		0.10	3.25	11.9	<0.2	<10	100	0.74	0.21	6.06	0.39	38.6	21.2
ZZ02067		0.19	0.001		0.14	2.75	13.6	<0.2	<10	150	0.76	0.25	1.07	0.13	41.9	16.1
ZZ80235		0.43	0.011		0.75	1.61	82.0	<0.2	<10	400	0.38	12.55	8.43	1.58	15.65	21.0
ZZ80236		0.34	0.002		0.62	0.52	32.4	<0.2	<10	210	0.44	0.55	0.73	17.60	16.05	6.6
ZZ80237		0.48	0.016		0.60	1.31	44.6	<0.2	<10	1040	0.52	1.34	5.90	1.80	25.6	11.6
ZZ80238		0.51	0.004		0.44	1.33	32.9	<0.2	<10	510	0.56	1.14	4.96	1.94	22.4	13.3
ZZ80239		0.65	0.006		0.30	1.11	39.7	<0.2	<10	370	0.43	0.75	6.28	1.49	19.85	13.5
ZZ34619		0.21	0.003		0.41	1.19	37.5	<0.2	<10	410	0.45	1.27	2.55	1.34	21.2	11.1

***** 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: 29-OCT-2013
Account: RCM

Project: Tiger

CERTIFICATE OF ANALYSIS WH13184570

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cr	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	1	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
ZZ02081		38	2.36	21.2	2.96	4.82	0.05	0.03	0.08	0.056	0.09	10.2	14.9	5.28	747	1.48
ZZ02082		33	1.93	19.1	3.11	4.70	0.05	0.03	0.06	0.054	0.05	12.3	14.5	4.09	724	1.51
ZZ02083		41	2.43	24.1	3.48	5.30	<0.05	0.02	0.07	0.068	0.07	11.9	17.5	2.10	800	1.47
ZZ02084		59	3.10	41.1	3.57	6.04	<0.05	0.02	0.05	0.098	0.07	10.5	16.0	3.91	1200	1.60
ZZ02085		37	2.52	23.0	3.42	4.45	<0.05	0.03	0.16	0.114	0.06	12.4	14.8	3.90	1110	1.65
ZZ02086		35	1.72	26.6	3.20	4.65	<0.05	0.03	0.08	0.064	0.05	12.7	14.3	1.07	930	2.00
ZZ02087		24	1.42	16.6	2.54	4.53	<0.05	0.02	0.07	0.048	0.14	8.2	10.3	1.07	563	1.20
ZZ02088		25	1.36	21.6	2.60	3.45	<0.05	0.04	0.08	0.045	0.05	10.5	11.5	4.83	695	1.83
ZZ02089		19	0.86	12.6	1.88	2.67	<0.05	0.03	0.05	0.027	0.04	7.9	9.1	4.61	671	1.13
ZZ02090		28	1.46	30.6	3.10	4.13	0.05	0.04	0.07	0.041	0.06	12.7	13.2	2.54	640	2.04
ZZ02091		22	1.06	33.2	2.65	3.25	0.06	0.08	0.06	0.026	0.10	12.4	11.3	1.69	493	2.10
ZZ02092		56	2.68	21.3	3.81	7.00	0.05	0.02	0.04	0.048	0.06	16.1	20.1	1.16	847	0.70
ZZ02093		98	1.89	13.9	4.06	8.28	0.08	0.03	0.03	0.041	0.05	17.1	36.6	2.65	614	0.44
ZZ02094		73	1.88	13.1	3.77	6.88	0.08	0.03	0.04	0.043	0.04	20.2	27.7	2.91	882	0.56
ZZ02095		66	2.77	11.2	3.21	7.44	0.07	0.02	0.02	0.031	0.09	9.9	26.7	4.54	620	0.39
ZZ02096		81	2.58	18.9	4.84	12.10	0.06	0.02	0.05	0.049	0.04	10.5	37.7	2.09	787	0.40
ZZ02097		49	1.65	14.6	4.12	7.72	0.06	0.03	0.03	0.036	0.06	12.0	27.4	1.57	587	0.46
ZZ02098		82	2.99	17.3	3.91	7.46	0.07	0.02	0.05	0.043	0.08	13.0	28.6	2.33	652	0.54
ZZ02099		88	2.77	15.6	3.85	7.76	0.08	0.02	0.04	0.041	0.05	12.3	31.2	1.80	596	0.48
ZZ02100		88	1.44	9.9	4.71	7.29	0.07	0.03	0.04	0.053	0.04	21.7	38.9	1.79	629	0.51
ZZ02223		61	1.84	20.0	3.66	6.42	0.07	0.04	0.04	0.037	0.05	17.7	30.8	1.81	563	0.64
ZZ02224		45	3.04	18.7	3.30	6.07	0.06	0.04	0.03	0.030	0.09	12.5	18.6	3.11	622	0.85
ZZ02225		63	3.19	22.3	3.97	7.32	0.06	0.02	0.05	0.045	0.07	16.3	20.5	1.37	880	1.11
ZZ02226		28	1.44	17.2	2.69	5.13	<0.05	0.03	0.04	0.026	0.05	14.7	13.5	0.49	402	1.10
ZZ02227		38	1.84	19.8	3.18	4.22	0.06	0.04	0.03	0.027	0.06	12.5	25.0	1.33	271	0.67
ZZ02228		86	1.79	14.2	3.26	6.65	0.08	0.03	0.06	0.039	0.04	11.4	32.9	1.56	471	0.49
ZZ02229		91	1.49	13.1	3.82	6.09	0.08	0.03	0.05	0.041	0.06	17.8	33.4	1.67	614	0.46
ZZ02230		76	1.98	15.8	4.17	5.01	0.08	0.02	0.06	0.043	0.04	15.1	28.7	1.25	592	0.50
ZZ02231		28	1.40	13.7	2.57	2.72	0.05	0.02	0.07	0.029	0.04	12.5	12.7	0.65	373	0.37
ZZ02232		51	2.33	21.3	3.69	5.75	0.06	0.03	0.05	0.034	0.06	15.8	20.4	1.90	669	0.79
ZZ02233		60	3.41	21.9	3.61	6.53	0.07	0.04	0.04	0.038	0.12	11.1	22.2	2.52	734	0.94
ZZ02065		69	2.95	11.3	4.04	8.88	0.07	0.03	0.04	0.038	0.06	15.9	36.1	1.41	489	0.52
ZZ02066		103	1.76	18.8	4.72	8.85	0.10	0.05	0.04	0.053	0.04	21.0	38.0	2.03	873	0.58
ZZ02067		100	1.75	14.0	3.93	8.06	0.08	0.04	0.05	0.050	0.07	21.0	31.1	1.63	671	0.65
ZZ80235		69	7.28	56.5	4.46	5.29	0.08	0.12	0.04	0.059	0.39	9.1	18.3	3.67	714	8.39
ZZ80236		52	2.07	122.5	2.10	2.16	0.12	0.14	0.70	0.037	0.11	15.2	6.2	0.35	182	125.0
ZZ80237		28	2.10	46.6	2.84	3.99	0.06	0.20	0.09	0.070	0.25	14.1	14.7	2.77	549	10.55
ZZ80238		31	2.58	48.6	2.98	4.32	0.08	0.21	0.07	0.048	0.26	11.6	17.1	2.24	542	7.01
ZZ80239		27	1.64	44.0	2.88	3.32	0.06	0.16	0.06	0.033	0.24	10.4	13.6	2.79	631	5.33
ZZ34619		30	1.53	45.0	2.73	3.55	0.07	0.07	0.06	0.038	0.16	11.2	12.1	1.15	281	3.81

***** 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: 29-OCT-2013
Account: RCM

Project: Tiger

CERTIFICATE OF ANALYSIS WH13184570

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01
ZZ02081		0.02	1.41	33.7	1020	69.3	12.7	<0.001	0.04	0.82	4.6	0.6	0.7	46.3	<0.01	0.03
ZZ02082		0.02	1.28	32.6	930	79.3	13.3	0.001	0.03	0.91	3.9	0.8	0.7	35.6	<0.01	0.04
ZZ02083		0.01	1.96	36.8	1060	94.3	16.3	<0.001	0.06	0.93	3.3	0.7	1.0	29.1	<0.01	0.04
ZZ02084		0.04	3.11	43.7	1210	113.0	7.7	<0.001	0.06	1.03	5.0	0.7	1.1	36.9	<0.01	0.03
ZZ02085		0.01	1.55	37.3	950	171.5	13.0	<0.001	0.05	1.08	3.3	0.8	1.0	35.6	<0.01	0.05
ZZ02086		0.02	1.23	36.5	950	99.1	10.6	<0.001	0.08	1.22	2.9	0.9	0.8	24.1	<0.01	0.04
ZZ02087		0.01	1.23	18.5	680	47.1	16.8	<0.001	0.08	0.88	1.7	0.4	0.8	19.6	0.01	0.04
ZZ02088		0.02	0.98	31.1	820	53.9	8.3	<0.001	0.04	1.10	3.1	0.7	0.6	43.8	<0.01	0.03
ZZ02089		0.01	0.72	19.1	640	31.5	6.8	<0.001	0.05	0.69	1.9	0.5	0.4	31.7	<0.01	0.02
ZZ02090		0.02	1.13	34.3	1170	45.0	10.4	<0.001	0.04	1.21	3.5	0.8	0.6	35.8	<0.01	0.04
ZZ02091		0.01	1.00	31.7	1070	20.2	9.2	0.001	0.03	1.23	3.3	0.7	0.4	52.3	<0.01	0.03
ZZ02092		0.02	1.28	40.9	640	30.7	16.2	<0.001	0.05	0.45	4.6	1.3	0.7	44.8	<0.01	0.02
ZZ02093		0.09	0.57	49.7	1100	15.0	9.9	<0.001	0.04	0.31	7.3	1.1	0.5	344	<0.01	0.05
ZZ02094		0.06	0.63	43.9	820	11.9	10.6	<0.001	0.06	0.33	5.6	1.4	0.5	179.5	<0.01	0.04
ZZ02095		0.07	0.58	37.5	1100	8.7	10.1	0.001	0.04	0.21	5.7	1.0	0.4	350	<0.01	0.01
ZZ02096		0.09	0.91	49.8	1070	10.4	13.1	<0.001	0.07	0.21	8.0	1.2	0.8	237	<0.01	0.02
ZZ02097		0.06	0.52	41.7	1010	9.3	13.7	<0.001	0.03	0.24	6.5	1.2	0.5	418	<0.01	0.02
ZZ02098		0.08	0.65	50.0	1200	13.9	16.2	<0.001	0.07	0.33	5.6	1.1	0.5	264	<0.01	0.03
ZZ02099		0.08	0.64	47.3	1000	12.8	12.5	<0.001	0.10	0.30	5.0	1.0	0.5	190.5	<0.01	0.03
ZZ02100		0.05	0.36	51.6	700	13.4	10.2	0.001	0.06	0.32	5.7	1.0	0.4	137.0	<0.01	0.05
ZZ02223		0.04	0.69	49.3	830	12.7	10.0	<0.001	0.04	0.41	5.3	1.2	0.4	255	<0.01	0.04
ZZ02224		0.03	1.44	38.7	990	19.7	11.1	<0.001	0.03	0.48	5.2	1.0	0.6	134.5	<0.01	0.03
ZZ02225		0.03	1.62	47.5	830	43.6	11.6	<0.001	0.06	0.67	5.4	1.2	0.9	52.9	<0.01	0.05
ZZ02226		0.01	0.82	24.8	500	16.6	10.6	<0.001	0.03	0.58	3.3	0.9	0.5	26.6	<0.01	0.04
ZZ02227		0.04	0.33	50.7	920	9.3	13.0	0.001	0.03	0.34	4.0	0.9	0.2	299	<0.01	0.08
ZZ02228		0.07	0.40	45.1	1010	8.9	12.8	<0.001	0.13	0.24	3.8	1.1	0.3	209	<0.01	0.04
ZZ02229		0.07	0.24	54.1	1040	30.2	12.5	<0.001	0.10	0.43	4.2	1.1	0.3	273	<0.01	0.05
ZZ02230		0.04	0.30	54.7	850	26.5	10.8	<0.001	0.11	0.37	3.3	1.2	0.2	200	<0.01	0.07
ZZ02231		0.02	0.23	28.1	1010	23.9	9.5	<0.001	0.15	1.84	1.5	1.1	0.2	171.5	<0.01	0.04
ZZ02232		0.04	0.90	48.1	1050	43.5	13.8	<0.001	0.05	0.62	4.6	0.8	0.6	124.5	<0.01	0.03
ZZ02233		0.05	1.29	48.7	1180	61.7	18.6	<0.001	0.04	0.66	5.6	0.8	0.6	165.5	<0.01	0.04
ZZ02065		0.03	0.90	39.2	670	10.5	12.0	<0.001	0.05	0.29	5.2	0.7	0.5	128.5	<0.01	0.04
ZZ02066		0.10	0.49	56.5	1510	13.7	12.7	<0.001	0.03	0.31	7.7	0.9	0.4	330	0.01	0.06
ZZ02067		0.03	0.66	42.0	650	13.6	17.1	<0.001	0.02	0.42	6.6	0.9	0.4	92.4	0.01	0.05
ZZ80235		0.02	0.76	77.1	980	40.9	40.5	0.001	0.05	2.46	4.6	1.6	1.8	75.7	<0.01	0.07
ZZ80236		0.01	0.30	303	1640	14.0	7.4	0.002	0.03	6.35	2.9	15.7	0.7	27.6	<0.01	0.13
ZZ80237		0.01	0.47	43.9	1130	53.7	20.7	0.003	0.03	5.36	4.2	2.3	2.9	96.5	<0.01	0.06
ZZ80238		0.02	0.69	48.1	960	36.3	21.7	0.009	0.31	3.73	4.2	4.8	1.4	83.6	<0.01	0.06
ZZ80239		0.02	0.67	44.6	1090	23.5	16.0	0.005	0.16	2.08	4.0	3.5	0.6	88.6	<0.01	0.04
ZZ34619		0.01	1.07	46.3	1280	18.5	15.9	0.003	0.05	1.97	3.2	2.3	0.7	50.4	<0.01	0.05

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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

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

Finalized Date: 29- OCT- 2013
Account: RCM

Project: Tiger

CERTIFICATE OF ANALYSIS WH13184570

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Th	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.2	0.005	0.02	0.05	1	0.05	0.05	2	0.5
ZZ02081		1.6	0.067	0.19	1.08	54	2.17	9.04	659	0.9
ZZ02082		1.5	0.054	0.15	0.97	50	4.29	12.05	300	0.8
ZZ02083		1.1	0.063	0.22	1.12	61	2.94	9.69	476	1.1
ZZ02084		0.9	0.111	0.22	1.50	76	2.98	11.50	493	0.7
ZZ02085		1.0	0.056	0.21	1.34	53	4.89	11.35	634	1.0
ZZ02086		1.0	0.045	0.18	1.49	52	2.23	11.80	586	1.1
ZZ02087		0.5	0.036	0.12	1.51	57	1.65	4.38	820	0.8
ZZ02088		1.8	0.039	0.15	1.21	41	2.03	9.87	455	1.2
ZZ02089		0.9	0.025	0.10	1.27	32	3.28	6.04	281	0.9
ZZ02090		1.9	0.041	0.15	0.86	44	2.59	11.60	268	1.2
ZZ02091		3.2	0.041	0.15	0.90	36	0.55	8.71	131	2.8
ZZ02092		1.2	0.058	0.14	0.57	62	0.72	14.85	158	0.6
ZZ02093		1.7	0.065	0.10	0.33	69	0.40	24.7	96	0.9
ZZ02094		1.3	0.057	0.15	0.39	51	0.18	27.6	76	0.8
ZZ02095		1.3	0.076	0.16	0.34	49	0.39	17.15	63	0.6
ZZ02096		1.1	0.128	0.10	0.30	88	0.13	17.10	95	0.6
ZZ02097		2.1	0.088	0.10	0.26	57	0.13	18.15	68	0.8
ZZ02098		1.0	0.075	0.16	0.30	59	0.23	18.95	115	0.6
ZZ02099		0.7	0.071	0.13	0.28	63	0.33	17.70	106	0.7
ZZ02100		1.3	0.041	0.08	0.37	62	0.08	21.9	90	0.8
ZZ02223		1.6	0.048	0.11	0.48	47	0.70	19.50	80	1.1
ZZ02224		2.2	0.072	0.17	0.57	48	0.52	13.70	112	0.9
ZZ02225		1.5	0.072	0.21	0.73	68	2.03	15.85	172	0.6
ZZ02226		1.9	0.031	0.13	0.86	50	0.39	9.16	69	0.8
ZZ02227		1.7	0.032	0.12	0.44	34	0.10	15.75	83	1.7
ZZ02228		0.6	0.037	0.09	0.36	53	0.08	17.50	83	0.7
ZZ02229		0.6	0.027	0.13	0.32	52	0.09	24.1	231	0.7
ZZ02230		0.4	0.026	0.12	0.65	41	0.09	20.7	205	0.6
ZZ02231		0.2	0.017	0.09	0.54	19	<0.05	15.65	180	0.7
ZZ02232		1.7	0.067	0.18	0.42	49	3.14	14.90	207	0.9
ZZ02233		1.6	0.085	0.22	0.56	54	1.06	13.45	237	1.0
ZZ02065		1.7	0.098	0.13	0.41	61	0.13	13.80	65	0.6
ZZ02066		2.0	0.058	0.11	0.37	75	0.11	26.8	115	0.9
ZZ02067		1.6	0.040	0.11	0.42	78	0.12	22.4	87	0.8
ZZ80235		3.1	0.115	0.62	1.31	56	6.82	9.56	307	5.5
ZZ80236		3.7	0.017	0.32	4.60	320	0.71	16.70	2430	13.5
ZZ80237		4.7	0.038	0.52	1.85	83	0.59	10.60	200	10.8
ZZ80238		4.6	0.040	0.42	2.18	64	0.87	10.40	210	10.1
ZZ80239		3.9	0.037	0.24	1.61	48	0.27	9.34	177	8.4
ZZ34619		1.9	0.030	0.20	2.35	51	0.63	8.73	168	2.9

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

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1016-510 W HASTINGS ST
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Finalized Date: 29-OCT-2013
Account: RCM

Project: Tiger

CERTIFICATE OF ANALYSIS WH13184570

Sample Description	Method	WEI-21	Au-ICP21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Au Check	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.02	0.001	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1
ZZ34620		0.41	1.275		20.4	0.12	539	<0.2	<10	180	0.19	126.5	0.22	1.64	8.32	3.3
ZZ34621		0.36	1.420	1.495	7.25	0.22	2430	<0.2	<10	150	0.51	109.5	0.43	15.35	42.9	31.7

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CERTIFICATE OF ANALYSIS WH13184570

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cr	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	1	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
ZZ34620		8	0.28	52.6	4.43	0.40	0.30	0.02	0.39	0.488	0.18	5.6	3.7	0.09	92	257
ZZ34621		27	0.33	263	15.00	1.09	1.42	0.08	0.39	0.931	0.08	29.4	1.5	0.10	22	681

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CERTIFICATE OF ANALYSIS WH13184570

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01
ZZ34620		0.01	0.09	50.1	1670	177.5	5.5	0.048	0.60	7.27	1.0	73.0	11.5	76.6	<0.01	2.25
ZZ34621		<0.01	0.20	245	4250	163.0	3.4	0.059	0.60	41.6	2.9	400	11.2	256	0.02	2.08

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CERTIFICATE OF ANALYSIS WH13184570

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Th	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.2	0.005	0.02	0.05	1	0.05	0.05	2	0.5
ZZ34620		1.7	<0.005	3.43	6.89	76	10.30	7.34	195	1.3
ZZ34621		7.0	<0.005	2.03	44.1	187	14.30	69.4	1490	6.2

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Account: RCM

Project: Tiger

CERTIFICATE OF ANALYSIS WH13184570

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).
ME-MS41

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
LOG-22 SCR-41 WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au-ICP21 ME-MS41

ALS Canada Ltd.

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2013
Account: RCM

CERTIFICATE WH13145823

Project: RAU

P.O. No.: S13-R2

This report is for 219 Soil samples submitted to our lab in Whitehorse, YT, Canada on 12-AUG-2013.

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-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	51 anal. aqua regia ICPMS	

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

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145823

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ86701		0.21	0.010	0.41	1.40	32.4	<0.2	<10	570	0.66	0.76	1.37	0.88	26.4	13.2	31
ZZ86702		0.14	0.009	0.36	1.22	36.2	<0.2	<10	980	0.50	1.48	3.10	0.39	14.55	8.6	25
ZZ86703		0.43	0.012	0.26	2.26	26.7	<0.2	<10	500	0.83	0.82	0.53	0.81	30.4	12.7	53
ZZ86704		0.33	0.006	0.25	1.61	22.6	<0.2	<10	390	0.62	0.91	0.73	0.42	23.6	10.5	35
ZZ86705		0.43	0.011	0.26	1.09	41.0	<0.2	<10	260	0.47	2.13	3.88	0.51	19.35	10.1	25
ZZ86706		0.43	0.015	0.24	0.88	87.0	<0.2	<10	440	0.42	1.69	5.17	1.04	21.2	11.0	20
ZZ86707		0.28	0.017	0.22	0.87	37.7	<0.2	<10	610	0.37	1.52	3.25	0.71	16.75	8.5	20
ZZ86708		0.40	0.006	0.24	1.27	27.1	<0.2	<10	480	0.70	1.14	3.62	0.71	22.3	11.9	25
ZZ86709		0.22	0.014	0.23	1.12	24.9	<0.2	<10	500	0.62	0.93	1.99	0.66	18.55	11.2	22
ZZ86710		0.31	0.005	0.30	1.53	17.2	<0.2	<10	410	0.87	0.47	3.64	0.85	22.4	13.8	27
ZZ86711		0.23	0.003	0.30	1.37	14.6	<0.2	<10	430	0.80	0.39	1.73	0.85	16.40	13.0	24
ZZ86712		0.40	0.052	0.25	1.01	51	<0.2	<10	340	0.31	4.60	12.05	1.10	15.80	11.8	35
ZZ86713		0.20	0.030	0.33	1.12	255	<0.2	<10	500	0.36	3.50	7.32	1.41	15.90	12.3	33
ZZ86714		0.33	0.021	0.22	0.92	180	<0.2	<10	400	0.30	3.52	10.50	0.90	16.55	10.6	28
ZZ86715		0.19	0.005	0.25	1.12	22.3	<0.2	<10	560	0.56	0.61	2.53	0.68	14.45	9.5	20
ZZ86716		0.38	0.008	0.30	1.26	34.8	<0.2	<10	380	0.57	1.18	4.28	0.95	24.4	12.9	25
ZZ86717		0.41	0.007	0.24	1.00	29.2	<0.2	<10	410	0.46	0.92	4.48	0.83	22.0	11.0	20
ZZ86718		0.28	0.020	0.25	1.42	79.9	<0.2	<10	340	0.49	2.94	3.53	0.80	21.7	11.3	32
ZZ86719		0.30	0.008	0.37	1.50	47.7	<0.2	<10	580	0.55	7.23	5.56	1.36	17.40	12.3	40
ZZ86720		0.36	0.018	0.17	0.73	36.7	<0.2	<10	270	0.32	1.57	4.99	0.77	19.20	9.4	17
ZZ86721		0.27	0.015	0.26	1.22	66.8	<0.2	<10	230	0.47	3.32	2.85	0.56	22.9	11.2	34
ZZ86722		0.31	0.010	0.29	1.30	53.4	<0.2	<10	540	0.54	2.03	4.47	1.28	18.35	10.6	31
ZZ86754		0.19	0.008	0.28	1.08	30.7	<0.2	<10	1800	0.43	1.11	2.05	1.19	19.70	6.8	25
ZZ86755		0.16	0.030	0.42	1.10	28.3	<0.2	<10	1690	0.41	1.03	2.43	2.79	16.75	11.2	25
ZZ86756		0.23	0.007	0.32	0.93	25.2	<0.2	<10	800	0.36	0.85	3.31	1.69	14.25	8.7	23
ZZ86757		0.52	0.008	0.45	1.29	42.3	<0.2	<10	700	0.50	1.26	4.48	2.92	22.5	14.0	35
ZZ86758		0.54	0.010	0.50	1.57	44.1	<0.2	<10	680	0.64	1.30	0.91	1.68	29.3	15.1	37
ZZ86759		0.23	0.005	0.39	1.20	32.3	<0.2	<10	1580	0.44	1.25	1.90	2.11	20.1	10.0	30
ZZ86760		0.29	0.009	0.27	1.02	29.5	<0.2	<10	1300	0.39	1.12	2.36	1.62	20.1	10.1	25
ZZ86761		0.38	0.038	0.32	1.03	27.8	<0.2	<10	1470	0.39	1.25	2.45	1.65	18.55	7.5	25
ZZ86762		0.12	0.006	0.39	1.18	22.6	<0.2	<10	1170	0.49	1.58	2.42	2.49	17.35	9.4	28
ZZ86763		0.44	0.004	0.39	1.19	36.4	<0.2	<10	1680	0.46	1.53	2.89	2.45	20.5	12.1	30
ZZ86764		0.15	0.005	0.29	1.13	22.0	<0.2	<10	630	0.41	1.87	1.93	1.93	18.35	9.3	25
ZZ86765		0.12	0.004	0.35	1.28	42.5	<0.2	<10	770	0.50	1.91	2.53	2.14	18.15	12.7	28
ZZ86766		0.24	0.009	0.35	1.11	27.6	<0.2	<10	1760	0.46	1.27	2.66	3.06	17.55	9.8	26
ZZ86767		0.26	0.005	0.38	1.13	23.4	<0.2	<10	1360	0.48	1.05	2.80	2.49	17.70	10.2	30
ZZ86768		0.35	0.006	0.32	1.05	24.6	<0.2	<10	1360	0.41	1.19	2.66	1.89	17.45	9.2	24
ZZ86769		0.40	0.008	0.42	1.09	31.2	<0.2	<10	1370	0.42	1.08	2.30	2.84	19.35	10.6	28
ZZ86770		0.17	0.005	0.27	0.90	17.4	<0.2	<10	980	0.35	0.80	1.77	1.33	13.60	5.9	22
ZZ86811		0.24	0.010	0.37	1.15	21.3	<0.2	<10	1610	0.49	1.11	2.30	2.66	18.80	10.9	26

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Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145823

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ86701		0.93	48.2	3.09	4.29	0.05	0.07	0.07	0.035	0.09	13.7	15.9	0.64	863	2.49	0.02
ZZ86702		0.99	29.4	2.19	3.66	<0.05	0.05	0.08	0.026	0.04	7.8	10.7	0.61	828	1.01	0.02
ZZ86703		2.28	49.4	3.59	6.26	0.07	0.05	0.08	0.043	0.08	16.7	19.9	1.22	632	3.00	0.03
ZZ86704		1.45	18.9	2.90	5.12	<0.05	0.02	0.04	0.033	0.05	12.9	17.2	0.72	358	1.69	0.02
ZZ86705		1.24	29.4	2.76	3.40	0.05	0.03	0.05	0.033	0.04	11.0	10.9	2.41	323	1.73	0.02
ZZ86706		1.28	30.6	2.51	2.92	0.05	0.10	0.05	0.026	0.08	11.3	10.5	2.26	682	2.79	0.02
ZZ86707		0.63	23.6	2.12	2.62	<0.05	0.03	0.05	0.024	0.04	8.9	9.3	1.46	634	1.52	0.02
ZZ86708		1.21	37.3	2.90	3.95	<0.05	0.08	0.07	0.030	0.10	11.3	18.1	1.53	421	1.74	0.02
ZZ86709		0.84	32.8	2.53	3.48	<0.05	0.07	0.09	0.025	0.08	9.6	15.0	0.87	496	1.22	0.01
ZZ86710		1.65	52.9	3.50	4.50	<0.05	0.12	0.14	0.030	0.17	11.3	24.6	1.28	591	1.68	0.01
ZZ86711		0.95	53.0	2.99	4.04	<0.05	0.11	0.11	0.028	0.13	8.2	19.3	0.61	726	1.37	0.01
ZZ86712		1.52	23.9	2.40	3.30	<0.05	0.03	0.02	0.029	0.07	8.3	9.8	3.54	373	1.25	0.02
ZZ86713		2.06	31.4	2.76	3.51	0.05	0.03	0.04	0.032	0.07	8.3	10.5	2.83	556	1.53	0.02
ZZ86714		1.43	21.7	2.50	2.96	0.05	0.02	0.03	0.031	0.06	8.7	9.4	3.96	506	1.47	0.02
ZZ86715		0.78	41.8	2.56	3.16	<0.05	0.06	0.09	0.025	0.09	7.5	13.9	0.57	733	1.45	0.01
ZZ86716		1.46	47.2	3.15	3.82	0.05	0.07	0.09	0.032	0.12	12.5	17.5	1.72	635	2.20	0.02
ZZ86717		1.34	38.2	2.64	3.14	0.06	0.09	0.07	0.028	0.11	11.3	13.4	1.68	504	2.07	0.02
ZZ86718		1.56	23.2	3.08	4.71	0.05	0.03	0.05	0.042	0.07	12.0	13.3	1.77	676	2.12	0.02
ZZ86719		2.57	32.0	2.84	4.77	0.05	0.03	0.05	0.030	0.08	9.5	13.8	2.66	689	1.64	0.04
ZZ86720		0.91	24.6	2.12	2.38	0.05	0.07	0.03	0.021	0.05	10.1	8.6	2.49	413	1.58	0.02
ZZ86721		1.65	21.0	3.19	3.94	0.06	0.03	0.02	0.035	0.06	12.0	12.3	2.05	669	2.26	0.03
ZZ86722		1.54	24.2	2.72	4.16	<0.05	0.03	0.07	0.033	0.05	10.3	13.5	2.19	751	1.63	0.02
ZZ86754		1.29	30.9	2.32	3.30	0.05	0.05	0.07	0.035	0.09	10.6	9.2	0.93	791	3.75	0.01
ZZ86755		1.26	35.3	2.42	3.23	<0.05	0.04	0.08	0.034	0.10	8.9	9.2	0.92	1200	4.64	0.01
ZZ86756		1.06	33.0	2.08	2.76	<0.05	0.04	0.07	0.026	0.08	7.2	8.8	0.89	529	3.65	0.02
ZZ86757		2.61	66.4	3.42	3.85	0.06	0.12	0.08	0.041	0.23	12.4	11.8	2.08	493	7.95	0.02
ZZ86758		1.55	64.6	3.63	4.41	0.06	0.06	0.10	0.041	0.16	16.3	13.9	0.88	643	6.15	0.02
ZZ86759		1.55	41.0	2.71	3.66	0.05	0.07	0.09	0.035	0.12	11.0	10.4	0.99	191	4.83	0.01
ZZ86760		1.20	30.5	2.64	3.09	0.05	0.06	0.05	0.032	0.09	11.3	9.3	1.33	425	4.12	0.02
ZZ86761		1.32	33.9	2.32	3.19	0.05	0.05	0.08	0.030	0.08	10.3	9.3	1.33	185	3.77	0.01
ZZ86762		1.47	36.9	2.44	3.55	<0.05	0.05	0.10	0.036	0.09	9.6	10.4	1.04	411	2.62	0.02
ZZ86763		2.06	41.4	3.04	3.68	0.05	0.06	0.09	0.033	0.12	11.1	10.4	1.77	306	5.98	0.02
ZZ86764		1.48	29.0	2.46	3.33	<0.05	0.04	0.07	0.030	0.07	9.9	10.1	0.81	271	1.98	0.02
ZZ86765		1.87	31.5	3.07	3.91	<0.05	0.03	0.08	0.032	0.08	9.7	11.1	0.88	2000	4.94	0.02
ZZ86766		1.34	36.6	2.57	3.24	0.05	0.05	0.09	0.034	0.10	9.6	9.2	1.19	1390	5.95	0.01
ZZ86767		1.45	41.0	2.42	3.42	0.05	0.05	0.10	0.034	0.10	10.0	9.7	1.27	529	3.89	0.03
ZZ86768		1.25	36.7	2.27	3.10	0.05	0.05	0.08	0.031	0.10	9.5	8.8	1.32	334	4.71	0.02
ZZ86769		1.41	47.1	2.59	3.24	0.06	0.06	0.09	0.031	0.12	10.9	8.9	1.40	324	7.48	0.01
ZZ86770		0.90	27.1	1.81	2.70	<0.05	0.06	0.08	0.023	0.08	7.1	6.6	0.43	204	2.49	0.02
ZZ86811		1.70	40.6	2.20	3.57	0.05	0.05	0.09	0.037	0.11	10.2	10.2	1.22	483	3.49	0.01

***** 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: 28- AUG- 2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145823

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ86701		1.04	42.6	940	19.0	10.4	0.001	0.04	1.48	3.8	1.8	0.6	32.7	<0.01	0.05	2.7
ZZ86702		1.04	23.9	1020	17.7	6.4	0.001	0.10	1.12	2.5	1.6	0.5	49.5	<0.01	0.03	0.8
ZZ86703		2.23	58.2	1140	17.3	12.5	<0.001	0.01	1.14	7.9	1.6	0.9	20.4	<0.01	0.04	4.8
ZZ86704		1.31	33.0	1040	16.8	10.2	<0.001	0.02	0.72	3.9	0.9	0.6	22.9	<0.01	0.04	2.2
ZZ86705		1.02	31.8	1010	19.8	6.8	<0.001	0.01	1.07	3.5	0.7	0.5	35.0	<0.01	0.03	2.1
ZZ86706		0.50	32.8	900	20.6	8.9	0.001	0.01	1.39	3.5	0.7	0.7	62.3	<0.01	0.04	3.4
ZZ86707		0.78	25.7	1010	16.5	5.0	0.001	0.05	1.08	2.1	1.5	0.4	40.8	<0.01	0.03	1.0
ZZ86708		0.78	33.4	790	20.7	8.6	0.001	0.01	1.08	4.1	0.9	0.5	56.1	<0.01	0.03	3.6
ZZ86709		0.72	31.0	810	18.1	7.6	0.001	0.04	1.04	3.1	1.1	0.4	34.3	<0.01	0.03	2.1
ZZ86710		0.50	43.2	630	23.9	9.9	0.003	0.01	1.20	4.8	1.3	0.4	68.9	<0.01	0.05	4.2
ZZ86711		0.49	39.7	680	18.4	8.9	0.001	0.05	1.26	3.5	1.2	0.4	40.4	<0.01	0.04	2.1
ZZ86712		1.24	41.1	830	29.8	8.8	0.001	0.08	0.91	3.0	1.0	0.6	122.5	<0.01	0.03	1.5
ZZ86713		1.07	38.9	960	26.4	9.6	0.001	0.06	1.14	2.7	1.3	0.6	85.3	<0.01	0.04	0.9
ZZ86714		1.03	33.4	860	25.7	8.5	0.001	0.02	0.98	2.6	0.9	0.6	94.8	<0.01	0.03	1.5
ZZ86715		0.56	31.2	830	15.9	8.6	0.002	0.09	1.34	2.2	1.1	0.4	51.6	<0.01	0.05	0.9
ZZ86716		0.83	39.9	930	20.9	10.5	0.001	0.01	1.44	4.1	0.9	0.5	64.7	<0.01	0.04	3.7
ZZ86717		0.76	34.1	840	18.4	9.5	0.001	0.01	1.30	3.5	0.8	0.4	67.4	<0.01	0.03	3.5
ZZ86718		1.54	32.2	1120	40.9	9.2	<0.001	0.02	1.20	4.2	0.9	0.7	47.6	<0.01	0.03	2.2
ZZ86719		1.92	35.9	1330	22.2	12.8	0.001	0.04	1.10	4.0	1.3	0.7	69.3	<0.01	0.04	1.3
ZZ86720		0.76	26.2	890	17.6	6.7	0.001	<0.01	1.07	2.8	0.6	0.4	55.6	<0.01	0.02	2.8
ZZ86721		1.60	31.7	1360	26.5	7.3	0.001	0.01	1.30	3.5	1.1	0.6	31.9	<0.01	0.04	2.8
ZZ86722		1.73	30.1	1020	22.7	12.1	0.001	0.06	1.02	3.2	1.2	0.5	47.1	<0.01	0.03	0.9
ZZ86754		0.88	34.5	1090	19.6	11.5	0.007	0.09	1.64	2.3	2.3	0.8	44.1	<0.01	0.04	1.5
ZZ86755		0.77	47.1	1050	19.2	11.6	0.004	0.10	2.13	1.9	3.4	0.8	49.2	<0.01	0.05	0.8
ZZ86756		0.77	37.8	990	13.4	9.3	0.005	0.10	1.74	1.8	3.4	0.6	84.6	<0.01	0.05	0.7
ZZ86757		0.63	76.5	1380	19.3	22.9	0.001	0.02	3.26	3.8	2.2	0.8	79.8	<0.01	0.07	4.0
ZZ86758		0.84	74.0	1330	19.5	13.6	0.001	0.01	2.59	4.3	1.7	0.8	27.1	<0.01	0.07	3.6
ZZ86759		1.08	50.7	1190	20.2	12.6	0.005	0.10	2.51	2.8	2.6	5.6	42.3	<0.01	0.08	2.2
ZZ86760		0.95	44.7	1220	16.7	9.1	0.004	0.07	1.86	2.4	2.0	0.7	42.7	<0.01	0.05	2.2
ZZ86761		0.87	39.6	1090	17.7	11.1	0.004	0.08	1.63	2.3	2.3	0.7	43.8	<0.01	0.05	1.6
ZZ86762		0.95	40.1	1030	24.0	13.5	0.008	0.13	1.46	2.3	2.3	0.9	41.3	<0.01	0.05	1.0
ZZ86763		1.12	52.1	1220	22.9	13.6	0.003	0.08	2.02	3.0	2.9	0.8	48.6	<0.01	0.07	2.4
ZZ86764		0.97	34.1	910	22.0	11.2	0.006	0.14	1.14	2.4	1.7	0.7	36.8	<0.01	0.04	1.5
ZZ86765		0.92	45.6	1080	24.1	11.9	0.005	0.13	1.46	2.2	2.1	0.8	45.5	<0.01	0.05	0.8
ZZ86766		0.83	47.3	1060	20.5	11.7	0.003	0.10	2.07	2.2	2.5	0.8	46.2	<0.01	0.05	1.3
ZZ86767		0.91	48.8	1100	19.7	11.5	0.001	0.08	1.85	2.4	1.8	0.7	47.3	<0.01	0.04	1.2
ZZ86768		0.91	44.4	1090	18.8	10.8	0.006	0.09	2.00	2.3	2.7	0.8	57.0	<0.01	0.04	1.4
ZZ86769		0.98	54.7	1250	20.0	10.9	0.002	0.04	2.86	2.7	3.2	0.8	42.4	<0.01	0.06	2.3
ZZ86770		0.75	27.7	1030	15.5	8.3	0.008	0.12	1.84	1.8	3.5	0.8	39.7	<0.01	0.03	1.0
ZZ86811		0.93	51.3	1030	22.2	12.5	0.006	0.10	2.16	2.6	3.8	0.9	49.2	<0.01	0.06	1.8

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

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

Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145823

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
ZZ86701		0.027	0.13	1.34	47	0.98	9.66	126	2.3
ZZ86702		0.025	0.11	3.19	38	0.64	6.99	85	1.9
ZZ86703		0.072	0.26	1.26	79	0.98	18.85	125	2.5
ZZ86704		0.039	0.16	0.94	56	2.33	8.09	141	0.8
ZZ86705		0.034	0.13	0.73	39	2.35	10.40	128	1.3
ZZ86706		0.035	0.18	0.70	33	3.03	8.28	129	5.1
ZZ86707		0.024	0.10	1.03	33	1.64	6.83	129	1.2
ZZ86708		0.021	0.13	0.67	38	0.74	8.62	134	3.2
ZZ86709		0.016	0.10	0.74	34	0.50	7.40	126	2.5
ZZ86710		0.012	0.17	0.98	40	0.13	8.90	155	5.2
ZZ86711		0.007	0.14	1.84	34	0.12	7.74	138	3.8
ZZ86712		0.060	0.16	1.04	32	1.88	7.35	315	1.1
ZZ86713		0.048	0.22	2.94	35	1.11	7.46	336	1.1
ZZ86714		0.047	0.17	0.90	30	3.17	7.00	262	1.0
ZZ86715		0.011	0.12	2.67	31	0.25	6.67	137	2.1
ZZ86716		0.026	0.20	0.78	40	0.77	9.00	158	3.5
ZZ86717		0.027	0.19	0.74	32	0.77	7.80	127	4.4
ZZ86718		0.048	0.19	0.79	54	3.94	9.97	170	1.1
ZZ86719		0.061	0.20	1.30	55	3.14	10.10	181	1.2
ZZ86720		0.034	0.14	0.57	29	1.07	7.35	110	3.0
ZZ86721		0.056	0.15	3.00	49	5.52	7.51	166	1.4
ZZ86722		0.043	0.15	1.25	46	1.84	9.91	201	1.2
ZZ86754		0.029	0.25	3.52	56	2.95	8.48	198	1.7
ZZ86755		0.026	0.28	3.74	58	1.29	7.73	232	1.5
ZZ86756		0.025	0.17	4.81	40	0.65	6.33	149	1.8
ZZ86757		0.043	0.39	1.34	64	1.03	10.55	284	6.8
ZZ86758		0.038	0.28	1.27	71	0.38	12.20	216	2.8
ZZ86759		0.036	0.32	4.25	76	0.69	8.53	309	2.8
ZZ86760		0.032	0.23	2.50	59	0.67	7.88	232	2.2
ZZ86761		0.031	0.28	2.27	56	3.41	7.92	267	1.8
ZZ86762		0.032	0.41	2.84	58	1.35	8.34	353	1.8
ZZ86763		0.043	0.42	2.44	74	1.90	9.52	378	2.6
ZZ86764		0.032	0.30	4.20	46	3.63	7.15	328	1.8
ZZ86765		0.032	0.48	4.38	51	1.65	8.05	417	1.3
ZZ86766		0.031	0.34	2.17	66	0.62	7.71	309	1.7
ZZ86767		0.032	0.26	2.68	62	0.53	8.91	239	2.1
ZZ86768		0.031	0.27	3.24	62	0.63	7.85	263	1.9
ZZ86769		0.037	0.31	1.68	79	1.54	10.10	259	2.8
ZZ86770		0.022	0.18	4.84	55	0.47	5.90	142	2.3
ZZ86811		0.032	0.34	3.51	65	0.94	8.49	298	2.4

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CERTIFICATE OF ANALYSIS WH13145823

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ86812		0.21	0.031	0.28	0.92	24.6	<0.2	<10	1910	0.37	0.87	3.17	2.46	16.60	8.7	21
ZZ86813		0.17	0.007	0.32	1.26	33.6	<0.2	<10	2150	0.47	1.11	1.72	2.39	18.00	11.2	27
ZZ86814		0.38	0.017	0.42	1.28	29.3	<0.2	<10	3300	0.49	1.20	2.20	2.14	20.6	11.0	28
ZZ86815		0.13	0.007	0.35	1.25	17.9	<0.2	<10	1480	0.49	1.18	2.08	1.09	16.00	7.9	27
ZZ86816		0.16	0.006	0.35	1.15	21.2	<0.2	<10	1990	0.45	1.18	1.80	1.58	16.10	7.8	25
ZZ86817		0.13	0.006	0.35	1.13	20.7	<0.2	<10	1870	0.43	1.18	1.92	1.27	17.05	8.9	25
ZZ86818		0.12	0.004	0.33	1.22	27.0	<0.2	<10	1740	0.48	1.15	1.88	1.32	17.15	9.9	26
ZZ86819		0.22	0.010	0.33	1.19	38.8	<0.2	<10	1980	0.48	1.15	2.56	2.16	18.45	10.8	27
ZZ86820		0.31	0.007	0.38	1.13	37.0	<0.2	<10	1800	0.47	1.25	2.64	2.29	18.15	12.0	26
ZZ86821		0.11	0.005	0.21	0.48	12.1	<0.2	<10	1050	0.19	0.39	3.95	2.94	5.72	5.3	11
ZZ86822		0.40	0.012	0.45	1.22	33.8	<0.2	<10	1620	0.45	1.18	1.48	2.46	21.2	12.5	29
ZZ86823		0.36	0.009	0.53	1.39	32.1	<0.2	<10	710	0.58	1.01	1.75	2.23	20.5	13.5	36
ZZ86824		0.20	0.007	0.35	1.13	16.5	<0.2	<10	1570	0.41	1.06	1.35	2.38	18.65	7.8	27
ZZ86825		0.28	0.007	0.38	1.45	37.3	<0.2	<10	380	0.56	1.59	0.82	0.65	25.2	13.0	31
ZZ86826		0.17	0.005	0.40	1.02	28.6	<0.2	<10	670	0.43	0.90	2.65	1.52	15.35	11.3	26
ZZ86827		0.45	0.019	0.38	1.37	34.1	<0.2	<10	560	0.57	1.04	1.65	0.96	23.4	13.6	32
ZZ86828		0.50	0.025	0.38	1.29	41.0	<0.2	<10	430	0.49	2.05	3.57	1.41	22.3	14.0	32
ZZ86829		0.32	0.009	0.38	1.23	35.7	<0.2	<10	490	0.52	1.37	2.73	1.74	21.9	13.9	30
ZZ86830		0.21	0.018	0.30	1.17	22.7	<0.2	<10	510	0.45	1.35	2.57	1.11	19.55	11.2	27
ZZ86831		0.25	0.006	0.31	1.26	36.0	<0.2	<10	600	0.59	1.80	1.93	1.33	22.1	13.0	27
ZZ86832		0.12	0.005	0.27	1.03	29.3	<0.2	<10	430	0.45	1.87	2.81	0.83	19.60	8.0	22
ZZ86833		0.50	0.015	0.30	1.11	55.2	<0.2	<10	470	0.49	2.58	5.75	1.29	22.9	13.4	23
ZZ86834		0.21	0.004	0.28	1.16	38.1	<0.2	<10	600	0.54	1.38	1.99	1.13	18.80	10.0	23
ZZ86835		0.42	0.027	0.25	1.02	217	<0.2	<10	350	0.35	3.81	9.69	1.22	19.80	11.4	33
ZZ86836		0.36	0.054	0.33	1.24	125.5	<0.2	<10	490	0.42	3.33	5.16	1.32	21.1	12.1	34
ZZ86837		0.25	0.031	0.37	1.20	153.0	<0.2	<10	360	0.39	3.75	8.48	1.57	20.6	12.6	37
ZZ86838		0.31	0.034	0.39	1.40	112.0	<0.2	<10	540	0.51	4.28	5.50	1.26	22.9	12.2	38
ZZ86839		0.39	0.052	0.20	1.10	258	<0.2	<10	330	0.32	4.11	12.20	0.96	18.30	12.9	36
ZZ86840		0.14	0.010	0.26	1.35	15.7	<0.2	<10	560	0.53	1.98	1.02	1.98	19.95	7.4	27
ZZ86841		0.21	0.011	0.34	1.32	56.5	<0.2	<10	630	0.64	1.36	2.80	1.35	24.7	14.7	27
ZZ86842		0.34	0.006	0.36	1.43	46.4	<0.2	<10	680	0.64	1.82	2.32	1.17	24.8	14.3	29
ZZ86843		0.49	0.013	0.27	1.18	33.3	<0.2	<10	500	0.61	1.25	5.13	1.14	25.3	13.7	23
ZZ86844		0.43	0.005	0.27	1.42	26.3	<0.2	<10	530	0.69	1.04	4.39	0.93	25.0	13.4	26
ZZ86845		0.25	0.006	0.40	1.45	26.1	<0.2	<10	470	0.65	1.50	1.40	0.78	23.0	10.6	33
ZZ86846		0.44	0.027	0.34	1.23	33.1	<0.2	<10	390	0.51	1.68	4.78	1.26	23.3	12.3	30
ZZ86847		0.30	0.005	0.37	1.41	35.1	<0.2	<10	440	0.62	1.46	1.45	1.10	25.7	13.8	33
ZZ86848		0.42	0.014	0.42	1.42	36.5	<0.2	<10	570	0.60	1.08	2.44	1.14	23.6	13.9	33
ZZ86849		0.43	0.007	0.47	1.48	47.9	<0.2	<10	600	0.60	1.42	4.31	2.19	25.3	16.4	39
ZZ86850		0.35	0.009	0.47	1.65	49.1	<0.2	<10	740	0.57	1.46	3.54	1.97	23.9	17.9	42
ZZ86771		0.55	0.019	0.46	1.56	48.3	<0.2	<10	570	0.58	1.40	4.48	2.77	28.1	16.3	40

***** 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: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145823

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ86812		1.26	29.7	2.17	2.61	<0.05	0.04	0.08	0.030	0.09	9.1	7.2	1.59	734	5.58	0.01
ZZ86813		1.37	37.4	2.75	3.44	<0.05	0.05	0.07	0.033	0.11	9.6	9.4	0.68	1210	3.37	0.01
ZZ86814		1.63	34.7	3.01	3.65	0.05	0.06	0.09	0.042	0.14	11.2	9.9	1.44	539	5.73	0.01
ZZ86815		1.24	31.9	2.31	3.43	<0.05	0.05	0.07	0.032	0.10	8.7	9.9	0.69	407	2.18	0.01
ZZ86816		1.20	31.5	2.48	3.07	<0.05	0.06	0.07	0.033	0.11	8.7	8.9	0.59	229	2.47	0.01
ZZ86817		1.18	27.4	2.36	3.16	<0.05	0.05	0.09	0.031	0.10	9.1	9.0	0.68	457	2.57	0.01
ZZ86818		1.24	30.2	2.65	3.39	<0.05	0.05	0.08	0.032	0.10	9.2	9.9	0.68	425	2.75	0.01
ZZ86819		1.56	34.8	2.82	3.32	<0.05	0.05	0.10	0.034	0.11	10.1	9.6	1.49	1020	4.43	0.01
ZZ86820		1.74	37.5	2.69	3.51	<0.05	0.06	0.09	0.039	0.12	10.0	11.7	1.54	814	6.36	0.01
ZZ86821		0.58	29.1	1.13	1.39	<0.05	0.03	0.07	0.015	0.04	3.1	3.7	0.47	549	2.32	0.01
ZZ86822		1.43	50.2	2.92	3.72	0.05	0.06	0.10	0.041	0.11	12.0	12.0	0.92	725	6.69	0.01
ZZ86823		1.33	55.6	3.04	4.07	<0.05	0.07	0.08	0.036	0.13	11.4	15.9	1.04	566	5.14	0.02
ZZ86824		1.37	40.2	1.67	3.43	<0.05	0.06	0.08	0.033	0.10	10.1	10.9	0.65	470	2.34	0.01
ZZ86825		1.01	33.9	3.20	4.19	<0.05	0.05	0.07	0.033	0.08	13.7	14.9	0.65	590	3.49	0.01
ZZ86826		1.10	39.3	2.43	3.04	<0.05	0.05	0.07	0.027	0.07	8.0	11.0	1.00	558	3.46	0.02
ZZ86827		1.15	47.3	3.21	4.12	0.05	0.06	0.09	0.032	0.10	12.7	15.7	1.09	517	3.63	0.02
ZZ86828		1.79	45.8	3.32	3.93	0.05	0.08	0.07	0.040	0.13	12.0	14.2	2.26	562	4.36	0.02
ZZ86829		1.54	50.0	3.06	3.79	0.05	0.07	0.08	0.036	0.13	11.6	13.9	1.67	593	4.30	0.02
ZZ86830		1.28	28.2	2.37	3.60	0.05	0.03	0.06	0.030	0.06	10.7	12.9	1.19	920	2.34	0.02
ZZ86831		1.19	37.5	2.85	3.84	0.05	0.06	0.07	0.037	0.06	11.9	13.7	0.89	468	2.55	0.02
ZZ86832		1.10	26.3	2.39	3.19	0.05	0.05	0.07	0.030	0.08	10.5	11.4	1.25	252	1.90	0.02
ZZ86833		1.58	46.5	3.20	3.34	0.05	0.12	0.07	0.032	0.14	12.4	12.0	2.58	580	3.71	0.02
ZZ86834		0.92	32.1	2.49	3.35	<0.05	0.05	0.08	0.028	0.09	10.0	13.0	0.61	323	1.87	0.01
ZZ86835		1.54	21.5	2.78	3.20	0.05	0.03	0.02	0.039	0.05	10.7	9.7	4.18	358	1.53	0.02
ZZ86836		1.82	28.8	2.99	3.77	0.05	0.04	0.05	0.038	0.06	11.6	11.7	3.01	338	1.85	0.02
ZZ86837		1.71	26.6	2.84	3.59	0.05	0.03	0.03	0.042	0.05	11.5	11.1	3.13	329	1.47	0.02
ZZ86838		2.22	31.3	3.05	4.30	0.05	0.03	0.05	0.041	0.06	12.5	13.3	2.99	397	1.82	0.02
ZZ86839		1.33	21.9	3.18	3.41	0.05	0.03	0.02	0.033	0.05	9.8	10.6	4.06	395	1.87	0.02
ZZ86840		1.36	24.3	2.04	4.17	0.05	0.04	0.10	0.032	0.06	10.7	12.1	0.49	112	0.88	0.02
ZZ86841		1.33	46.4	3.39	3.84	0.05	0.08	0.08	0.035	0.14	13.2	14.6	1.43	751	3.76	0.02
ZZ86842		1.33	43.9	3.13	4.00	0.05	0.07	0.09	0.037	0.12	13.2	16.4	1.22	420	3.27	0.02
ZZ86843		1.54	42.4	3.07	3.43	0.05	0.11	0.09	0.030	0.14	13.2	15.5	2.14	518	2.78	0.02
ZZ86844		1.73	41.7	3.23	4.13	0.05	0.11	0.09	0.034	0.14	13.1	18.6	1.94	527	2.21	0.02
ZZ86845		1.46	39.1	2.60	4.24	0.05	0.06	0.08	0.033	0.08	12.8	14.9	0.80	149	2.32	0.03
ZZ86846		1.82	43.8	2.99	3.54	0.06	0.06	0.07	0.035	0.12	12.8	12.5	2.49	532	3.38	0.02
ZZ86847		1.28	41.7	3.32	4.14	0.05	0.05	0.06	0.037	0.09	13.9	14.7	0.90	344	3.76	0.02
ZZ86848		1.38	49.6	3.23	4.14	0.06	0.05	0.08	0.033	0.09	13.2	13.7	1.34	587	3.53	0.03
ZZ86849		2.51	67.1	3.50	4.49	0.07	0.13	0.07	0.042	0.18	14.0	13.3	2.42	556	6.48	0.03
ZZ86850		2.98	70.5	3.68	5.00	0.06	0.10	0.08	0.040	0.18	13.5	14.1	2.41	527	6.24	0.05
ZZ86771		2.39	70.1	3.75	4.56	0.07	0.17	0.08	0.046	0.23	15.7	13.7	2.14	607	6.97	0.03

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
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Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145823

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ86812		0.72	40.8	1010	18.3	9.1	0.002	0.06	1.98	2.0	2.4	0.7	52.6	<0.01	0.05	1.5
ZZ86813		0.80	50.1	1020	21.8	11.4	0.003	0.09	2.02	2.2	2.2	0.9	41.2	<0.01	0.06	1.1
ZZ86814		0.85	48.3	1040	25.3	14.1	0.001	0.05	2.53	2.9	1.9	1.0	53.8	<0.01	0.06	2.4
ZZ86815		0.87	37.3	970	21.6	11.5	0.004	0.11	1.68	2.1	2.2	0.8	38.6	<0.01	0.04	1.0
ZZ86816		0.85	37.0	870	22.6	10.0	0.004	0.08	2.48	2.3	1.7	0.8	41.5	<0.01	0.04	1.5
ZZ86817		0.80	35.4	930	23.0	10.6	0.003	0.08	1.85	2.0	1.9	0.8	38.7	<0.01	0.03	1.0
ZZ86818		0.89	38.7	940	20.7	10.7	0.004	0.09	1.82	2.3	2.4	0.8	40.0	<0.01	0.04	1.3
ZZ86819		0.79	44.0	1110	22.6	11.3	0.002	0.07	1.84	2.5	2.4	0.8	49.0	<0.01	0.04	1.8
ZZ86820		0.86	50.7	1060	24.6	13.9	0.004	0.07	2.20	2.9	2.4	0.9	54.8	<0.01	0.07	1.7
ZZ86821		0.42	26.6	860	7.3	4.9	0.009	0.20	1.47	0.6	6.2	0.4	73.3	<0.01	0.04	0.2
ZZ86822		0.92	59.0	1120	23.4	12.6	0.001	0.03	2.26	3.4	1.5	3.4	42.5	<0.01	0.07	2.0
ZZ86823		1.15	62.6	990	18.1	12.5	0.001	0.03	2.03	4.2	2.7	0.7	39.6	<0.01	0.06	2.3
ZZ86824		0.94	40.3	990	21.6	10.8	0.007	0.10	1.66	2.9	2.2	0.8	39.2	<0.01	0.06	1.8
ZZ86825		0.98	44.6	820	22.2	11.6	0.001	0.01	1.33	3.9	1.0	0.8	22.2	<0.01	0.06	2.2
ZZ86826		0.87	42.3	1010	15.1	10.0	0.001	0.05	1.60	2.6	1.5	0.5	45.1	<0.01	0.05	1.0
ZZ86827		0.96	48.6	950	18.9	10.5	0.001	0.01	1.65	4.3	1.7	0.6	34.5	<0.01	0.05	2.5
ZZ86828		1.03	50.2	1200	23.5	14.1	0.001	0.01	1.92	4.4	1.3	0.7	47.2	<0.01	0.07	3.4
ZZ86829		0.93	52.7	1190	21.2	14.1	0.001	0.03	2.00	3.9	1.5	0.6	43.2	<0.01	0.06	2.2
ZZ86830		1.35	38.1	1090	18.2	10.3	0.002	0.11	1.24	2.8	1.4	0.6	39.5	<0.01	0.03	1.4
ZZ86831		1.46	43.0	950	22.0	9.9	0.002	0.11	1.65	3.7	1.9	0.5	36.1	<0.01	0.05	2.5
ZZ86832		1.13	29.3	1120	22.5	11.0	0.007	0.11	1.31	2.7	1.5	0.5	44.5	<0.01	0.04	1.7
ZZ86833		0.76	44.8	1150	21.1	13.0	0.001	0.05	1.88	3.7	1.3	0.5	82.6	<0.01	0.05	3.8
ZZ86834		0.93	29.9	1030	20.5	11.2	0.007	0.13	1.17	2.8	4.0	0.5	50.3	<0.01	0.03	1.7
ZZ86835		1.37	38.1	960	31.7	7.6	<0.001	0.03	1.12	3.0	0.5	1.0	85.1	<0.01	0.03	1.8
ZZ86836		1.33	44.8	1050	31.8	7.5	0.002	0.06	1.47	3.2	1.4	0.7	54.7	<0.01	0.03	2.0
ZZ86837		1.25	44.4	930	40.9	6.5	0.002	0.06	1.15	3.6	0.8	0.7	94.7	<0.01	0.04	1.6
ZZ86838		1.40	46.0	1080	36.6	8.2	0.001	0.06	1.52	3.9	1.1	0.9	62.7	<0.01	0.05	2.0
ZZ86839		1.49	42.4	950	28.1	6.6	0.001	0.02	1.28	3.0	0.5	0.5	120.5	<0.01	0.03	1.9
ZZ86840		1.18	24.0	1210	21.9	11.4	0.001	0.11	0.79	2.7	2.2	0.6	33.5	<0.01	0.03	1.5
ZZ86841		1.19	46.3	1150	21.9	16.2	0.002	0.06	1.67	4.0	1.6	0.6	48.0	<0.01	0.05	3.5
ZZ86842		1.16	45.1	1060	26.0	14.2	0.003	0.09	1.66	4.1	2.2	0.6	38.8	<0.01	0.05	2.9
ZZ86843		0.83	41.9	930	22.1	11.3	0.003	0.02	1.59	3.9	1.0	0.5	80.4	<0.01	0.04	4.1
ZZ86844		0.85	42.4	830	21.4	10.8	<0.001	0.03	1.44	4.5	1.0	0.5	65.2	<0.01	0.04	4.4
ZZ86845		1.48	42.6	1090	21.5	8.0	0.003	0.09	1.49	4.1	1.8	0.7	35.7	<0.01	0.04	2.6
ZZ86846		1.31	47.2	1140	23.1	13.8	0.001	0.03	1.76	3.7	0.9	0.6	54.4	<0.01	0.05	3.3
ZZ86847		1.34	49.4	1050	23.5	11.1	0.001	0.04	1.80	3.9	1.1	0.6	33.0	<0.01	0.07	2.6
ZZ86848		1.30	53.4	1130	19.3	10.8	<0.001	0.05	1.87	3.7	1.5	0.6	38.9	<0.01	0.05	2.0
ZZ86849		1.04	76.1	1410	20.7	21.1	0.001	0.03	2.80	4.8	1.8	0.8	65.5	<0.01	0.06	4.3
ZZ86850		1.80	82.5	1550	21.0	19.1	<0.001	0.03	2.75	5.1	2.0	1.0	48.4	<0.01	0.06	4.0
ZZ86771		0.55	79.6	1540	22.5	20.3	0.001	0.03	2.99	4.9	1.7	0.8	73.2	<0.01	0.06	5.0

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
ZZ86812		0.029	0.26	2.49	56	1.24	7.07	225	1.7
ZZ86813		0.031	0.29	2.38	62	1.44	7.32	302	1.7
ZZ86814		0.036	0.35	1.62	67	1.03	8.27	224	2.3
ZZ86815		0.029	0.22	3.64	55	0.58	6.97	199	2.0
ZZ86816		0.028	0.23	3.50	57	0.65	6.56	197	2.6
ZZ86817		0.027	0.22	1.96	54	2.31	6.71	191	1.9
ZZ86818		0.029	0.23	3.91	55	1.17	6.73	200	1.9
ZZ86819		0.032	0.30	2.14	63	1.65	7.70	277	2.0
ZZ86820		0.030	0.35	2.21	63	1.30	8.73	309	2.0
ZZ86821		0.011	0.16	13.30	31	0.23	3.61	116	1.2
ZZ86822		0.034	0.30	1.31	73	1.10	11.30	236	2.3
ZZ86823		0.037	0.26	1.50	64	0.51	11.60	188	2.8
ZZ86824		0.033	0.28	2.75	64	0.74	8.54	255	2.2
ZZ86825		0.028	0.16	0.89	53	2.24	10.50	149	1.6
ZZ86826		0.029	0.20	1.93	41	4.17	8.63	142	1.8
ZZ86827		0.035	0.19	0.96	51	0.86	11.05	148	2.1
ZZ86828		0.043	0.28	0.84	52	1.46	10.05	193	3.3
ZZ86829		0.032	0.26	1.18	49	0.72	11.10	184	2.5
ZZ86830		0.035	0.17	1.84	43	4.96	8.28	149	1.4
ZZ86831		0.029	0.15	2.20	44	0.69	10.15	161	2.3
ZZ86832		0.026	0.15	1.83	37	0.80	7.91	178	2.0
ZZ86833		0.031	0.26	0.82	40	0.86	9.09	208	6.9
ZZ86834		0.016	0.12	2.64	38	0.46	7.73	166	2.2
ZZ86835		0.057	0.18	0.75	34	3.53	8.64	318	1.1
ZZ86836		0.047	0.23	1.00	42	1.68	9.44	346	1.4
ZZ86837		0.058	0.20	1.42	37	1.29	10.20	461	1.2
ZZ86838		0.055	0.28	0.97	44	3.97	10.25	408	1.3
ZZ86839		0.064	0.16	0.84	34	1.88	8.15	264	1.3
ZZ86840		0.021	0.14	4.49	36	0.77	7.25	187	1.5
ZZ86841		0.027	0.20	0.89	43	0.74	9.78	172	3.5
ZZ86842		0.024	0.19	1.60	45	0.81	10.45	174	2.8
ZZ86843		0.027	0.21	0.81	38	1.02	9.29	152	5.3
ZZ86844		0.024	0.18	0.79	41	0.70	9.60	148	5.2
ZZ86845		0.038	0.20	1.84	54	0.82	10.75	171	2.6
ZZ86846		0.042	0.25	0.79	47	1.43	9.47	182	3.3
ZZ86847		0.038	0.18	0.96	53	1.45	10.95	173	2.2
ZZ86848		0.039	0.20	1.54	53	0.82	11.20	161	1.8
ZZ86849		0.051	0.37	1.16	66	1.12	11.35	239	7.0
ZZ86850		0.068	0.39	1.32	76	1.01	11.35	249	5.3
ZZ86771		0.048	0.36	1.30	71	0.38	11.50	272	10.2

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

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

Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145823

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ86772		0.63	0.014	0.52	1.51	45.9	<0.2	<10	850	0.64	1.29	3.92	2.57	27.3	15.5	39
ZZ86773		0.32	0.006	0.39	1.18	26.5	<0.2	<10	2180	0.65	1.10	1.57	2.04	19.80	9.2	29
ZZ86774		0.25	0.004	0.33	1.59	41.0	<0.2	<10	1360	0.54	1.88	4.37	1.75	21.0	15.4	43
ZZ86775		0.13	0.003	0.25	1.10	30.9	<0.2	<10	1790	0.38	1.04	1.82	1.42	16.10	9.2	25
ZZ86776		0.18	0.010	0.35	1.22	33.1	<0.2	<10	1930	0.50	1.12	1.70	1.79	18.95	11.2	27
ZZ86777		0.31	0.020	0.44	1.87	41.7	<0.2	<10	470	0.67	1.81	4.09	0.97	21.5	17.4	39
ZZ86778		0.33	0.054	0.43	2.52	53.5	<0.2	<10	250	0.90	4.63	2.74	0.53	28.9	15.0	73
ZZ86779		0.26	0.006	0.17	2.31	60.7	<0.2	<10	450	0.96	3.38	2.22	1.27	25.3	14.6	51
ZZ86780		0.23	0.028	0.26	1.79	90.1	<0.2	<10	320	0.73	3.45	2.29	0.73	26.6	12.6	39
ZZ86781		0.26	0.040	0.30	1.07	172.0	<0.2	<10	410	0.33	3.77	9.36	1.20	18.95	12.1	35
ZZ86782		0.17	0.049	0.33	1.25	172.5	<0.2	<10	510	0.39	14.55	6.65	2.19	19.10	13.6	39
ZZ86783		0.30	0.022	0.32	1.26	229	<0.2	<10	440	0.44	4.03	7.29	1.75	21.5	13.3	36
ZZ86784		0.27	0.014	0.38	1.35	160.0	<0.2	<10	650	0.49	3.66	4.72	1.70	21.2	15.6	35
ZZ86785		0.49	0.028	0.31	1.33	191.0	<0.2	<10	700	0.44	3.71	4.36	1.88	22.1	15.8	35
ZZ86786		0.25	0.018	0.37	1.51	59.3	<0.2	<10	370	0.47	4.42	4.31	2.26	22.4	16.7	44
ZZ86787		0.41	0.033	0.30	1.08	176.0	6.2	<10	520	0.38	16.95	8.75	1.60	18.40	13.3	34
ZZ86788		0.31	0.058	0.23	1.00	273	<0.2	<10	320	0.29	3.97	9.45	1.15	16.35	11.4	30
ZZ86789		0.28	0.048	0.22	1.03	222	<0.2	<10	400	0.31	5.93	6.02	1.03	18.70	12.4	32
ZZ86790		0.11	0.039	0.30	1.23	56.4	<0.2	<10	750	0.43	3.12	2.10	1.64	18.90	10.4	30
ZZ86791		0.24	0.004	0.25	1.74	51.1	<0.2	<10	640	0.68	2.28	2.52	0.96	22.0	12.3	40
ZZ86792		0.36	0.012	0.18	1.60	49.7	<0.2	<10	330	0.71	1.84	0.87	0.56	23.0	11.9	31
ZZ86793		0.46	0.004	0.40	1.86	30.3	<0.2	<10	340	0.61	1.99	4.37	0.59	17.35	15.1	46
ZZ86794		0.30	0.007	0.35	1.32	29.4	<0.2	<10	680	0.48	2.91	2.76	1.44	20.8	12.5	30
ZZ86795		0.25	0.004	0.38	1.11	15.8	<0.2	<10	1520	0.49	1.11	1.89	2.03	19.40	8.3	26
ZZ86796		0.14	0.006	0.35	1.18	30.4	<0.2	<10	1600	0.40	1.08	2.05	1.58	16.30	10.8	25
ZZ86797		0.08	0.004	0.16	0.46	10.3	<0.2	<10	1220	0.20	0.39	3.44	3.09	5.81	5.1	10
ZZ86798		0.23	0.006	0.29	1.01	32.7	<0.2	<10	1980	0.37	1.01	1.56	2.27	17.20	8.4	23
ZZ86799		0.20	0.004	0.34	1.13	32.2	<0.2	<10	1430	0.42	1.06	1.43	2.10	16.15	8.6	27
ZZ86800		0.10	0.004	0.29	1.08	36.2	<0.2	<10	1470	0.43	1.08	1.60	2.17	15.35	18.2	25
ZZ86801		0.18	0.005	0.34	0.90	19.4	<0.2	<10	1470	0.34	0.88	2.06	1.61	13.10	8.6	21
ZZ86802		0.13	0.004	0.19	0.82	15.2	<0.2	<10	910	0.31	0.81	2.18	1.73	11.30	6.5	19
ZZ86803		0.32	0.003	0.33	1.07	24.0	<0.2	<10	1410	0.37	1.05	2.06	2.08	14.85	9.3	25
ZZ86804		0.21	0.007	0.32	1.13	23.6	<0.2	<10	1490	0.40	1.20	1.96	2.21	15.80	9.4	26
ZZ86805		0.23	0.008	0.38	1.26	24.4	<0.2	<10	1310	0.47	1.42	1.89	3.20	17.25	10.2	28
ZZ86806		0.20	0.005	0.36	1.18	18.5	<0.2	<10	1230	0.42	1.48	1.98	2.36	16.95	10.1	27
ZZ86807		0.40	0.007	0.40	1.30	40.4	<0.2	<10	450	0.56	1.37	3.22	1.64	24.7	13.7	31
ZZ86808		0.21	0.004	0.44	1.51	31.4	<0.2	<10	1430	0.59	1.25	0.97	1.94	22.9	13.1	36
ZZ86809		0.13	0.006	0.31	0.97	27.8	<0.2	<10	1430	0.38	0.94	2.25	2.02	14.70	13.4	23
ZZ86810		0.44	0.007	0.45	1.39	38.4	<0.2	<10	1120	0.61	1.18	1.30	2.37	22.6	16.6	39
ZZ86281		0.02	0.006	0.33	1.17	29.7	<0.2	<10	700	0.41	1.72	2.24	2.38	17.40	12.0	26

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Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145823

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ86772		2.67	71.6	3.64	4.45	0.07	0.09	0.09	0.047	0.23	15.7	13.6	1.89	559	8.81	0.03
ZZ86773		1.40	40.0	2.48	3.30	0.05	0.04	0.08	0.036	0.11	11.1	10.0	0.67	431	4.14	0.02
ZZ86774		1.83	28.8	3.33	5.02	0.06	0.04	0.05	0.043	0.12	11.3	15.2	2.72	778	3.80	0.03
ZZ86775		1.31	26.0	2.26	3.10	<0.05	0.04	0.07	0.032	0.10	8.8	9.7	0.60	519	3.47	0.02
ZZ86776		1.43	34.8	2.56	3.61	0.05	0.05	0.08	0.038	0.10	10.7	10.8	0.63	890	4.88	0.02
ZZ86777		2.06	27.3	3.41	5.29	0.05	0.03	0.07	0.035	0.07	12.5	18.4	2.49	791	3.02	0.04
ZZ86778		2.41	17.9	3.86	6.92	0.06	0.03	0.06	0.060	0.05	16.6	18.1	2.64	944	1.97	0.03
ZZ86779		2.06	16.5	3.71	6.61	0.05	0.02	0.05	0.053	0.04	15.9	18.3	1.58	509	2.22	0.04
ZZ86780		1.78	18.0	3.57	5.46	0.06	0.02	0.05	0.048	0.04	16.9	14.7	1.67	498	2.13	0.02
ZZ86781		1.53	20.8	2.82	3.22	0.05	0.02	0.04	0.039	0.05	10.4	10.1	4.41	635	1.63	0.02
ZZ86782		2.11	27.9	3.11	3.78	<0.05	0.03	0.04	0.039	0.07	10.5	11.7	3.51	747	1.85	0.02
ZZ86783		2.09	27.7	3.08	3.71	0.05	0.03	0.04	0.037	0.07	11.9	11.8	3.46	491	1.69	0.02
ZZ86784		1.76	30.0	3.09	4.01	0.05	0.03	0.04	0.038	0.06	11.4	12.4	2.30	933	2.14	0.02
ZZ86785		1.98	28.0	3.40	3.92	0.05	0.03	0.04	0.035	0.06	11.8	12.2	3.00	1180	2.44	0.02
ZZ86786		2.19	32.4	2.48	4.60	0.05	0.04	0.05	0.046	0.07	12.0	15.8	2.55	346	1.97	0.02
ZZ86787		1.69	23.5	2.57	3.38	<0.05	0.04	0.04	0.041	0.06	9.7	11.7	3.42	698	1.70	0.01
ZZ86788		1.46	20.5	2.67	3.09	<0.05	0.03	0.03	0.032	0.06	8.6	10.3	3.46	602	1.58	0.01
ZZ86789		1.27	19.1	2.91	3.25	<0.05	0.03	0.04	0.032	0.06	9.7	11.0	3.52	665	1.67	0.02
ZZ86790		1.43	26.9	2.61	3.73	<0.05	0.05	0.05	0.031	0.05	9.9	13.0	0.85	293	1.53	0.01
ZZ86791		1.60	20.0	3.22	5.23	<0.05	0.02	0.04	0.039	0.03	12.3	17.2	1.41	408	1.77	0.02
ZZ86792		1.29	20.3	3.07	4.70	<0.05	0.05	0.07	0.037	0.04	13.7	16.2	0.74	396	1.75	0.01
ZZ86793		2.63	34.2	3.44	5.80	0.05	0.03	0.09	0.035	0.07	10.3	18.0	2.74	553	2.14	0.04
ZZ86794		1.41	36.1	3.00	4.10	<0.05	0.06	0.07	0.036	0.07	11.2	14.9	1.66	564	2.94	0.02
ZZ86795		1.43	40.4	2.01	3.45	<0.05	0.06	0.08	0.035	0.09	10.3	11.6	0.91	130	2.76	0.02
ZZ86796		1.46	28.2	2.50	3.58	<0.05	0.04	0.07	0.036	0.10	8.8	11.4	0.80	832	4.43	0.01
ZZ86797		0.58	29.8	0.95	1.35	<0.05	0.03	0.08	0.014	0.04	3.1	3.9	0.45	2040	4.49	0.01
ZZ86798		1.23	32.6	2.42	3.01	<0.05	0.05	0.06	0.033	0.09	9.6	9.8	0.71	689	4.80	0.01
ZZ86799		1.25	33.2	2.45	3.37	<0.05	0.06	0.10	0.031	0.10	8.8	11.1	0.57	353	6.48	0.01
ZZ86800		1.25	31.8	2.59	3.36	<0.05	0.05	0.07	0.033	0.10	7.8	10.2	0.57	3370	13.55	<0.01
ZZ86801		0.97	28.5	2.03	2.61	<0.05	0.05	0.09	0.025	0.08	7.1	8.3	0.51	657	3.73	<0.01
ZZ86802		0.96	28.0	1.55	2.43	<0.05	0.05	0.07	0.025	0.08	5.8	8.1	0.54	301	2.28	0.01
ZZ86803		1.27	30.7	2.23	3.17	<0.05	0.05	0.08	0.029	0.10	8.2	10.2	0.89	476	4.01	0.02
ZZ86804		1.12	34.2	2.37	3.33	<0.05	0.04	0.07	0.033	0.09	8.5	10.8	0.77	380	4.02	0.01
ZZ86805		1.51	36.8	2.64	3.79	<0.05	0.05	0.10	0.040	0.11	9.5	12.5	0.90	357	4.90	0.02
ZZ86806		1.33	30.4	2.21	3.58	<0.05	0.05	0.09	0.034	0.09	9.2	11.8	0.89	245	2.35	0.02
ZZ86807		1.60	51.8	3.21	3.95	0.05	0.07	0.06	0.038	0.15	13.7	13.9	1.87	525	5.57	0.02
ZZ86808		1.53	45.3	3.22	4.39	<0.05	0.07	0.11	0.042	0.12	12.4	15.0	0.71	481	6.14	0.01
ZZ86809		1.29	34.6	2.54	2.91	<0.05	0.06	0.08	0.032	0.09	8.0	9.1	0.87	678	4.97	0.01
ZZ86810		1.84	53.6	3.39	4.31	0.05	0.06	0.09	0.041	0.12	12.5	14.8	0.89	707	7.88	0.02
ZZ86281		1.76	29.8	2.44	3.43	<0.05	0.04	0.07	0.033	0.09	9.2	11.7	1.06	770	2.12	0.02

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	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ86772		1.02	85.6	1460	20.8	21.6	0.001	0.04	3.49	4.6	2.1	1.1	69.2	<0.01	0.07	4.6
ZZ86773		1.07	46.7	1150	21.2	12.3	0.004	0.10	2.06	2.5	2.5	1.1	40.5	<0.01	0.05	1.5
ZZ86774		1.96	60.2	1750	25.0	12.4	0.002	0.07	1.54	4.0	1.3	0.9	61.8	<0.01	0.03	2.1
ZZ86775		0.98	38.5	730	19.5	14.0	0.003	0.12	1.52	2.0	1.7	0.8	38.9	<0.01	0.04	0.9
ZZ86776		1.07	51.6	920	21.9	12.7	0.003	0.11	1.91	2.4	2.0	0.9	42.9	<0.01	0.04	1.2
ZZ86777		2.16	46.0	1210	23.7	10.3	<0.001	0.06	1.11	4.5	1.5	0.8	51.6	<0.01	0.04	1.5
ZZ86778		2.16	46.8	900	36.1	9.9	<0.001	0.04	0.94	7.4	1.1	1.9	30.4	<0.01	0.07	2.2
ZZ86779		2.92	42.6	710	35.3	12.4	<0.001	0.04	0.98	5.9	1.2	1.0	30.4	<0.01	0.03	1.8
ZZ86780		2.04	36.5	820	35.4	11.2	<0.001	0.04	1.11	4.8	1.4	0.7	26.3	<0.01	0.03	1.6
ZZ86781		1.08	39.5	960	37.9	7.8	0.002	0.05	1.09	2.8	0.6	0.6	72.6	<0.01	0.04	1.3
ZZ86782		1.19	44.8	1100	35.7	12.5	0.004	0.09	1.30	2.9	1.2	0.7	68.7	<0.01	0.04	1.2
ZZ86783		1.29	43.2	980	39.3	12.2	0.001	0.05	1.23	3.3	1.0	0.7	64.9	<0.01	0.03	1.5
ZZ86784		1.50	45.4	1150	39.0	9.7	0.001	0.07	1.27	3.0	0.9	0.7	55.1	<0.01	0.03	1.3
ZZ86785		1.29	44.9	1140	31.9	9.3	0.001	0.06	1.35	3.3	1.1	0.7	44.1	<0.01	0.03	1.8
ZZ86786		1.09	51.8	1030	43.6	13.0	0.002	0.05	1.21	4.0	1.5	0.8	52.3	<0.01	0.02	1.4
ZZ86787		0.97	39.5	880	36.2	10.0	0.002	0.03	1.11	3.2	1.1	0.6	95.6	<0.01	0.04	1.5
ZZ86788		0.87	32.9	830	31.1	9.2	0.001	0.01	0.98	3.0	0.6	0.7	103.0	<0.01	0.04	1.3
ZZ86789		1.03	35.5	1050	29.6	10.3	0.001	0.03	1.08	2.9	0.8	0.5	59.2	<0.01	0.05	1.4
ZZ86790		1.39	32.6	1020	27.5	7.1	0.002	0.13	1.12	3.3	1.3	0.7	47.1	<0.01	0.03	1.7
ZZ86791		1.72	35.7	600	30.1	8.9	<0.001	0.02	0.87	3.9	1.2	0.8	34.4	0.01	0.02	0.9
ZZ86792		1.13	31.7	460	23.3	11.6	<0.001	0.01	0.88	4.3	1.0	0.6	22.4	<0.01	0.04	2.2
ZZ86793		1.83	38.6	1280	25.9	11.0	<0.001	0.02	1.02	5.7	1.0	0.8	66.7	<0.01	0.04	1.8
ZZ86794		1.37	40.9	1060	24.4	10.4	0.002	0.05	1.61	4.0	1.5	0.7	43.6	<0.01	0.06	2.4
ZZ86795		1.00	41.5	990	22.4	12.3	0.004	0.09	1.56	3.0	2.3	0.7	48.4	<0.01	0.04	1.7
ZZ86796		1.05	39.8	960	21.0	12.3	0.004	0.09	1.66	2.5	2.3	0.9	46.2	<0.01	0.06	1.0
ZZ86797		0.35	38.3	750	7.6	4.8	0.004	0.17	1.20	0.6	2.9	0.4	59.2	<0.01	0.02	0.2
ZZ86798		0.84	37.3	1000	20.9	10.6	0.008	0.09	1.84	2.5	2.2	0.7	44.4	<0.01	0.06	1.7
ZZ86799		0.91	44.2	930	20.0	11.0	0.006	0.09	1.84	2.5	3.5	0.8	40.3	<0.01	0.06	1.2
ZZ86800		0.79	48.2	990	18.9	11.2	0.005	0.08	1.89	2.2	3.6	0.8	41.4	<0.01	0.05	1.0
ZZ86801		0.76	38.0	970	16.1	9.5	0.005	0.10	1.54	1.9	2.9	0.6	48.4	<0.01	0.05	0.9
ZZ86802		0.69	33.2	700	14.1	10.2	0.004	0.12	1.22	1.8	2.5	0.6	45.9	<0.01	0.05	0.8
ZZ86803		0.86	39.3	960	17.2	11.9	0.003	0.08	1.66	2.3	2.3	0.7	42.6	<0.01	0.06	1.2
ZZ86804		0.89	40.0	950	18.7	11.3	0.002	0.09	1.69	2.3	2.3	0.7	42.7	<0.01	0.05	1.0
ZZ86805		1.02	50.6	960	21.8	14.4	0.009	0.11	1.87	2.9	3.3	0.9	43.2	<0.01	0.06	1.4
ZZ86806		1.02	37.6	990	24.0	12.6	0.006	0.11	1.51	2.6	1.9	0.8	41.8	<0.01	0.04	1.2
ZZ86807		0.88	57.7	1240	21.6	13.8	0.001	0.01	2.25	4.2	1.6	0.7	53.7	<0.01	0.05	3.1
ZZ86808		1.12	55.0	1120	23.7	13.7	0.002	0.05	2.07	4.3	1.7	1.0	36.3	<0.01	0.07	2.6
ZZ86809		0.78	48.4	1050	19.0	10.3	0.008	0.13	1.79	2.2	3.0	0.8	48.2	<0.01	0.05	1.1
ZZ86810		1.11	71.9	1180	21.3	14.2	0.002	0.04	2.55	4.1	2.1	0.9	39.1	<0.01	0.07	2.0
ZZ86281		0.97	38.3	1040	24.5	15.6	0.006	0.13	1.04	2.6	1.6	0.7	44.0	<0.01	0.04	1.3

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

Finalized Date: 28- AUG- 2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145823

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
ZZ86772		0.049	0.41	1.43	74	0.71	12.80	294	5.8
ZZ86773		0.032	0.26	2.66	71	0.88	9.01	248	1.8
ZZ86774		0.067	0.24	2.19	72	5.04	8.40	265	1.7
ZZ86775		0.026	0.24	4.43	61	1.18	5.59	261	1.4
ZZ86776		0.029	0.27	4.47	67	1.02	7.95	285	1.6
ZZ86777		0.058	0.20	2.05	66	0.95	12.55	173	1.0
ZZ86778		0.085	0.23	1.30	70	0.85	17.35	149	1.0
ZZ86779		0.061	0.22	0.77	77	2.58	16.45	240	0.8
ZZ86780		0.053	0.20	0.88	61	5.97	17.20	176	0.8
ZZ86781		0.051	0.17	1.08	33	4.19	8.24	388	0.7
ZZ86782		0.050	0.23	1.65	39	2.72	8.07	437	0.8
ZZ86783		0.055	0.27	1.46	40	1.73	9.87	429	1.0
ZZ86784		0.051	0.21	2.10	45	3.75	9.58	379	1.0
ZZ86785		0.050	0.25	1.51	44	5.19	9.61	375	1.1
ZZ86786		0.056	0.38	2.71	45	1.48	11.05	454	1.1
ZZ86787		0.050	0.24	1.06	36	1.60	8.60	368	1.0
ZZ86788		0.048	0.18	0.76	31	1.68	7.90	295	0.9
ZZ86789		0.048	0.16	0.96	35	4.62	8.05	251	0.8
ZZ86790		0.041	0.17	4.26	42	1.86	8.53	290	2.1
ZZ86791		0.046	0.15	0.98	61	1.62	13.45	137	0.6
ZZ86792		0.030	0.14	0.68	53	1.72	12.45	144	1.3
ZZ86793		0.073	0.25	0.74	65	1.87	13.70	140	1.0
ZZ86794		0.038	0.21	1.72	52	0.97	10.70	201	2.0
ZZ86795		0.032	0.26	2.89	60	0.69	9.08	242	2.3
ZZ86796		0.032	0.28	3.34	60	1.11	7.36	257	1.5
ZZ86797		0.011	0.14	7.92	24	0.31	3.35	130	0.9
ZZ86798		0.027	0.28	3.56	58	1.15	8.22	216	1.8
ZZ86799		0.026	0.27	2.57	71	0.51	7.43	268	2.0
ZZ86800		0.024	0.26	3.44	76	0.68	6.53	271	1.6
ZZ86801		0.022	0.20	2.86	53	0.45	6.82	189	2.0
ZZ86802		0.021	0.20	5.83	47	0.33	5.22	189	1.9
ZZ86803		0.029	0.25	2.59	61	0.44	7.17	246	1.7
ZZ86804		0.028	0.25	3.44	59	0.53	7.31	275	1.6
ZZ86805		0.032	0.45	2.83	66	0.50	8.25	365	1.8
ZZ86806		0.031	0.39	3.40	58	1.32	8.04	354	1.7
ZZ86807		0.036	0.26	1.09	57	0.89	12.35	208	2.7
ZZ86808		0.039	0.29	3.36	79	0.82	10.75	261	2.4
ZZ86809		0.026	0.26	3.96	57	0.68	7.21	247	2.0
ZZ86810		0.039	0.30	2.37	74	0.74	12.65	226	2.2
ZZ86281		0.032	0.40	3.54	44	1.81	7.84	482	1.5

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

Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145823

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ86282		0.26	0.005	0.27	1.03	52.7	<0.2	<10	750	0.40	1.44	2.60	1.60	16.45	11.6	22
ZZ86283		0.22	0.006	0.28	1.10	35.3	<0.2	<10	630	0.44	1.57	2.20	2.16	17.00	11.0	24
ZZ86284		0.22	0.003	0.30	1.05	28.3	<0.2	<10	1270	0.39	1.12	2.45	1.68	16.20	9.7	25
ZZ86285		0.37	0.007	0.38	1.17	32.3	<0.2	<10	1270	0.45	1.14	2.47	2.20	19.15	11.4	27
ZZ86286		0.28	0.005	0.40	1.27	40.0	<0.2	<10	1020	0.47	1.28	1.54	1.66	18.50	9.7	30
ZZ86287		0.19	0.030	0.24	1.17	109.0	<0.2	<10	430	0.39	3.70	4.82	1.33	17.60	13.1	33
ZZ86288		0.22	0.029	0.27	1.24	98.6	<0.2	<10	460	0.46	3.80	2.40	1.35	16.05	11.4	33
ZZ86289		0.34	0.604	0.31	1.10	260	0.3	<10	440	0.37	15.60	8.69	1.24	18.90	13.3	35
ZZ86290		0.46	0.036	0.35	1.37	86.6	<0.2	<10	510	0.51	2.96	4.48	1.31	19.80	13.2	32
ZZ86291		0.36	0.058	0.27	1.12	110.5	<0.2	<10	620	0.40	4.58	7.19	1.28	19.95	11.2	30
ZZ86292		0.27	0.008	0.21	0.90	39.5	<0.2	<10	830	0.42	5.00	3.59	1.13	19.30	11.8	21
ZZ86293		0.25	0.012	0.23	0.89	50.4	<0.2	<10	780	0.44	1.89	3.51	1.23	19.70	10.5	21
ZZ86294		0.28	0.024	0.25	0.99	99.3	<0.2	<10	660	0.40	2.29	3.34	1.25	19.05	11.3	23
ZZ86295		0.27	0.068	0.37	0.95	272	<0.2	<10	390	0.32	5.46	8.80	1.35	19.25	11.1	32
ZZ86296		0.28	0.041	0.27	0.99	150.0	<0.2	<10	430	0.34	3.30	9.35	1.52	20.4	11.8	30
ZZ86297		0.30	0.059	0.25	1.12	226	<0.2	<10	370	0.39	4.39	8.70	1.31	20.2	11.7	39
ZZ86298		0.50	0.042	0.21	0.97	187	<0.2	<10	360	0.34	3.36	10.95	0.95	18.60	11.3	32
ZZ86299		0.31	0.027	0.26	1.06	178.5	<0.2	<10	430	0.40	5.37	9.59	1.08	20.1	11.7	33
ZZ86300		0.35	0.069	0.26	1.47	160.0	<0.2	<10	610	0.55	4.56	3.16	0.95	25.1	13.6	39
ZZ86301		0.26	0.035	0.37	1.26	281	<0.2	<10	400	0.40	4.54	7.07	1.62	23.2	13.1	36
ZZ86302		0.41	0.029	0.27	1.07	276	<0.2	<10	440	0.39	3.85	8.72	1.72	20.9	13.1	33
ZZ86303		0.43	0.100	0.20	0.89	207	<0.2	<10	380	0.28	14.10	11.95	1.13	17.60	10.4	32
ZZ86304		0.31	0.032	0.25	1.03	215	<0.2	<10	410	0.37	4.06	8.28	1.06	20.5	11.0	31
ZZ86305		0.29	0.060	0.25	0.93	174.5	<0.2	<10	430	0.33	3.86	8.02	1.18	19.80	11.0	29
ZZ86306		0.38	0.070	0.24	1.08	196.5	<0.2	<10	610	0.36	5.04	5.98	0.91	19.65	12.7	31
ZZ86307		0.23	0.005	0.34	1.19	14.9	<0.2	<10	1050	0.48	1.38	2.15	1.85	21.2	6.8	28
ZZ86308		0.19	0.004	0.29	0.98	30.1	<0.2	<10	1740	0.35	0.95	2.40	1.96	17.05	14.6	23
ZZ86309		0.19	0.004	0.31	1.02	26.9	<0.2	<10	1720	0.35	0.99	2.28	1.29	17.10	8.2	24
ZZ85661		0.19	0.041	0.29	0.91	66.0	<0.2	<10	240	0.46	1.05	2.13	1.13	20.8	10.3	16
ZZ85662		0.20	0.019	0.29	0.99	75.8	<0.2	<10	260	0.43	1.20	1.80	0.99	27.8	11.2	17
ZZ85663		0.09	0.027	0.28	0.95	67.2	<0.2	<10	290	0.45	1.37	2.15	1.03	24.3	11.4	17
ZZ85664		0.11	0.008	0.47	1.28	54.0	<0.2	<10	440	0.57	1.63	1.90	4.67	25.5	9.1	22
ZZ85665		0.09	0.003	0.19	0.24	103.5	<0.2	<10	560	0.19	0.22	3.90	4.09	3.07	23.1	3
ZZ85666		0.18	0.009	0.43	1.01	39.7	<0.2	<10	300	0.52	1.51	1.49	4.54	23.2	14.9	19
ZZ85667		0.13	0.006	0.49	1.06	60.8	<0.2	<10	360	0.45	1.36	1.38	3.87	20.4	17.5	20
ZZ85668		0.21	0.016	0.40	1.14	40.1	<0.2	<10	340	0.53	1.48	1.17	2.88	27.0	13.6	21
ZZ85669		0.11	0.012	0.41	1.09	111.5	<0.2	<10	410	0.50	1.23	1.85	2.29	21.3	21.2	19
ZZ85670		0.09	0.014	0.29	0.85	43.1	<0.2	<10	270	0.37	1.06	2.48	1.14	17.65	6.9	14
ZZ85711		0.25	0.033	0.27	1.09	178.0	<0.2	<10	490	0.38	3.41	9.80	0.97	21.3	10.0	36
ZZ85712		0.43	0.020	0.23	0.97	129.5	<0.2	<10	450	0.34	3.36	9.82	0.91	20.8	8.9	28

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ86282		1.66	26.6	2.59	3.03	0.05	0.04	0.07	0.031	0.08	8.6	10.2	1.13	937	2.45	0.01
ZZ86283		1.70	27.9	2.22	3.19	0.05	0.04	0.08	0.029	0.09	8.9	10.5	0.87	793	2.26	0.01
ZZ86284		1.11	32.0	2.25	2.93	<0.05	0.05	0.09	0.029	0.10	8.8	9.4	1.08	417	3.84	0.01
ZZ86285		1.41	39.9	2.59	3.35	0.05	0.05	0.09	0.034	0.12	10.4	10.7	1.14	559	5.85	0.01
ZZ86286		1.47	45.0	2.70	3.59	0.05	0.05	0.10	0.035	0.12	10.0	11.2	0.66	371	5.80	0.01
ZZ86287		1.75	24.8	2.65	3.64	<0.05	0.03	0.04	0.036	0.06	9.1	11.7	2.48	533	1.55	0.01
ZZ86288		1.14	23.9	2.60	3.75	0.05	0.03	0.06	0.031	0.05	8.5	11.1	0.98	396	1.77	0.01
ZZ86289		1.67	25.1	3.05	3.42	0.05	0.02	0.03	0.035	0.06	10.0	11.0	3.75	569	1.91	0.01
ZZ86290		1.83	29.1	2.99	4.10	0.05	0.02	0.05	0.036	0.08	10.6	13.6	2.45	657	2.65	0.01
ZZ86291		1.49	22.9	2.90	3.70	0.05	0.03	0.04	0.035	0.07	10.6	11.1	3.44	556	2.72	0.01
ZZ86292		0.94	26.7	2.20	2.98	0.05	0.03	0.10	0.029	0.05	10.3	11.1	1.60	2650	3.13	0.01
ZZ86293		0.90	27.5	2.29	2.93	<0.05	0.05	0.06	0.028	0.06	10.2	11.4	1.67	1030	0.94	0.01
ZZ86294		1.12	27.4	2.89	3.21	0.05	0.04	0.07	0.026	0.07	9.6	12.1	1.46	1580	2.59	0.01
ZZ86295		1.47	19.4	2.70	3.25	<0.05	0.02	0.03	0.028	0.07	9.9	10.1	4.15	597	1.45	0.01
ZZ86296		1.44	23.9	2.67	3.39	<0.05	0.03	0.04	0.030	0.06	10.5	10.7	3.65	752	1.80	0.01
ZZ86297		1.77	24.4	2.96	3.64	<0.05	0.02	0.03	0.029	0.07	11.0	11.2	3.24	500	1.30	0.01
ZZ86298		1.41	21.7	2.73	3.34	<0.05	0.02	0.02	0.028	0.06	9.9	10.6	3.83	496	1.60	0.01
ZZ86299		1.97	25.4	2.86	3.55	0.05	0.03	0.03	0.032	0.06	10.5	11.5	3.62	337	1.52	0.01
ZZ86300		1.66	21.4	3.46	4.59	<0.05	0.02	0.04	0.040	0.06	13.1	14.3	2.23	624	1.92	0.02
ZZ86301		2.40	30.8	3.28	4.15	<0.05	0.03	0.04	0.041	0.08	12.2	12.8	3.08	761	2.05	0.01
ZZ86302		1.90	26.1	3.02	3.56	<0.05	0.03	0.03	0.032	0.06	11.1	11.1	3.70	928	2.06	0.01
ZZ86303		1.18	18.3	2.58	3.06	0.05	0.02	0.02	0.028	0.05	9.5	9.5	4.37	476	1.45	0.01
ZZ86304		1.79	21.6	2.86	3.44	<0.05	0.02	0.03	0.030	0.06	10.7	10.4	3.91	481	1.71	0.01
ZZ86305		1.44	20.1	2.64	3.19	<0.05	0.02	0.03	0.032	0.06	10.5	9.7	3.85	538	1.50	0.01
ZZ86306		1.54	21.9	3.27	3.66	<0.05	0.02	0.03	0.031	0.06	10.4	11.8	3.05	1840	3.69	0.01
ZZ86307		1.43	39.5	1.73	3.79	<0.05	0.06	0.08	0.034	0.10	11.3	12.8	0.82	126	1.23	0.01
ZZ86308		1.37	26.3	2.42	3.19	<0.05	0.04	0.07	0.029	0.10	9.2	9.7	0.82	4620	7.18	0.01
ZZ86309		1.28	25.6	2.18	3.03	<0.05	0.05	0.09	0.029	0.09	9.2	8.9	0.86	466	3.02	0.02
ZZ85661		0.52	45.8	3.18	2.65	<0.05	0.03	0.06	0.034	0.05	11.6	10.0	0.63	444	2.23	0.01
ZZ85662		0.77	49.1	3.26	2.88	<0.05	0.04	0.05	0.025	0.11	14.8	9.6	0.80	384	3.18	0.01
ZZ85663		0.79	47.9	3.03	2.81	<0.05	0.04	0.06	0.028	0.09	12.7	8.9	0.80	641	2.58	0.01
ZZ85664		1.40	64.8	3.11	3.75	0.05	0.06	0.09	0.035	0.09	14.0	10.7	0.63	1060	5.11	0.01
ZZ85665		0.24	23.6	5.84	0.67	<0.05	0.03	0.06	0.005	0.02	1.5	1.4	0.28	6490	10.75	0.02
ZZ85666		1.04	52.0	3.34	2.90	0.05	0.05	0.09	0.031	0.07	12.1	9.8	0.55	955	3.62	0.01
ZZ85667		1.17	49.6	4.22	3.04	0.05	0.07	0.09	0.032	0.07	10.6	10.0	0.50	334	6.98	0.01
ZZ85668		1.10	59.3	2.75	3.38	<0.05	0.07	0.09	0.033	0.09	14.0	11.7	0.53	425	3.52	0.01
ZZ85669		1.09	55.0	5.24	3.24	<0.05	0.05	0.07	0.031	0.11	11.3	10.4	0.58	1800	5.41	0.01
ZZ85670		0.67	37.8	2.28	2.36	<0.05	0.05	0.07	0.022	0.09	9.0	7.6	0.57	303	1.97	0.01
ZZ85711		1.60	25.2	2.89	3.55	<0.05	0.03	0.04	0.034	0.06	11.3	10.7	3.80	368	1.54	0.01
ZZ85712		1.46	22.4	2.55	3.02	<0.05	0.03	0.09	0.026	0.06	11.0	10.0	3.92	378	1.79	0.02

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To: **ATAC RESOURCES LTD.**
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Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145823

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ86282		0.89	40.0	1020	21.5	12.6	0.009	0.14	1.11	2.0	1.4	0.9	48.1	<0.01	0.07	1.3
ZZ86283		0.95	39.8	930	21.9	18.0	0.005	0.14	1.10	2.1	1.7	0.6	43.7	<0.01	0.05	1.0
ZZ86284		0.92	45.1	1090	16.8	10.2	0.006	0.12	1.59	2.0	2.5	0.7	49.6	<0.01	0.05	1.4
ZZ86285		1.05	53.9	1100	19.6	12.1	0.004	0.07	2.11	2.6	2.5	0.7	46.5	<0.01	0.07	1.6
ZZ86286		1.03	52.3	1040	18.8	12.1	0.004	0.08	2.24	2.6	3.1	0.8	38.8	<0.01	0.06	1.5
ZZ86287		1.12	42.9	910	29.3	11.3	<0.001	0.06	1.10	2.5	1.1	0.7	46.4	<0.01	0.05	1.1
ZZ86288		1.08	36.6	920	28.4	9.4	0.001	0.11	1.07	2.0	3.0	0.7	45.7	<0.01	0.04	0.6
ZZ86289		0.95	43.6	910	37.2	9.7	0.003	0.05	1.51	2.7	1.1	0.7	82.7	<0.01	0.06	1.4
ZZ86290		1.52	40.9	1130	28.5	15.2	0.001	0.05	1.26	3.0	1.7	0.9	51.1	<0.01	0.04	1.1
ZZ86291		1.37	42.3	1180	27.7	8.9	0.002	0.07	1.22	2.7	1.3	0.7	70.9	<0.01	0.03	1.4
ZZ86292		0.99	31.5	930	21.9	6.9	0.002	0.12	1.29	2.3	3.3	0.4	55.0	<0.01	0.02	1.0
ZZ86293		1.10	32.3	1000	20.7	8.6	0.003	0.13	1.13	2.5	2.5	0.4	42.8	<0.01	0.02	1.6
ZZ86294		1.06	33.5	1010	22.0	13.7	0.002	0.10	1.02	2.4	1.6	0.5	47.6	<0.01	0.04	1.3
ZZ86295		1.17	36.9	950	32.2	12.1	<0.001	0.07	1.02	2.4	0.7	0.6	70.1	<0.01	0.03	1.2
ZZ86296		1.09	39.1	950	33.6	9.3	0.001	0.06	1.03	2.6	0.8	0.8	85.7	<0.01	0.03	1.3
ZZ86297		1.17	40.9	910	35.1	11.4	0.001	0.06	0.97	2.7	0.8	0.7	81.7	<0.01	0.04	1.2
ZZ86298		1.20	36.7	900	29.3	8.6	0.001	0.05	1.08	2.6	0.7	0.6	98.5	<0.01	0.03	1.5
ZZ86299		1.15	39.7	880	34.7	10.9	0.001	0.05	1.07	2.9	0.9	0.7	88.7	<0.01	0.03	1.6
ZZ86300		1.40	40.5	1000	35.1	10.4	0.001	0.04	0.90	3.2	0.7	0.9	33.5	<0.01	0.03	1.7
ZZ86301		1.08	45.5	970	44.8	15.0	0.001	0.06	1.32	3.2	1.1	0.9	67.2	<0.01	0.03	1.4
ZZ86302		1.13	42.6	900	37.0	9.2	0.001	0.05	1.23	2.9	0.8	0.7	75.3	<0.01	0.04	1.6
ZZ86303		1.29	35.3	800	29.3	6.5	0.001	0.04	1.01	2.4	0.7	0.7	107.0	<0.01	0.06	1.4
ZZ86304		1.13	37.4	930	34.2	10.9	0.001	0.06	1.16	2.5	0.8	0.7	67.7	<0.01	0.03	1.4
ZZ86305		1.11	36.7	920	36.8	9.8	0.001	0.06	1.10	2.3	0.6	0.6	63.6	<0.01	0.04	1.1
ZZ86306		1.16	39.4	910	27.0	10.0	0.003	0.08	0.96	2.4	0.9	0.7	68.6	<0.01	0.03	1.2
ZZ86307		1.28	37.1	920	21.9	15.4	0.006	0.17	1.43	2.7	2.2	0.8	44.4	<0.01	0.02	1.7
ZZ86308		0.81	48.7	1010	16.8	12.8	0.008	0.14	1.54	2.0	2.3	0.7	50.3	<0.01	0.05	1.1
ZZ86309		0.91	35.9	1010	18.9	12.0	0.005	0.15	1.49	1.9	1.9	0.8	45.0	<0.01	0.03	1.1
ZZ85661		1.07	39.9	950	16.1	6.1	0.002	0.09	1.39	1.8	1.5	0.5	35.8	<0.01	0.04	0.9
ZZ85662		1.11	39.6	1340	19.5	10.3	0.004	0.07	1.68	2.3	1.9	0.5	34.5	<0.01	0.05	2.2
ZZ85663		1.16	40.4	1250	15.9	9.1	0.005	0.09	1.61	2.2	2.0	0.5	39.7	<0.01	0.05	1.7
ZZ85664		2.06	65.4	1310	19.2	9.3	0.010	0.18	2.44	3.2	4.8	1.0	43.9	<0.01	0.04	2.3
ZZ85665		0.29	52.9	1340	2.3	1.4	0.028	0.40	1.21	0.4	4.4	<0.2	80.1	<0.01	0.02	0.2
ZZ85666		1.24	82.5	1260	18.2	7.1	0.009	0.11	1.88	2.5	3.8	0.6	36.2	<0.01	0.03	2.0
ZZ85667		1.21	64.5	1240	15.9	9.0	0.010	0.19	1.93	2.8	3.2	0.7	35.0	<0.01	0.05	2.4
ZZ85668		1.38	65.5	1210	18.9	11.7	0.010	0.12	2.00	3.1	3.6	0.7	31.7	<0.01	0.05	3.1
ZZ85669		1.41	66.0	1240	17.2	13.5	0.008	0.12	2.07	2.7	2.9	0.6	35.9	<0.01	0.04	1.7
ZZ85670		1.08	31.0	1080	15.1	9.3	0.013	0.15	1.38	1.7	2.4	0.4	44.4	<0.01	0.04	1.0
ZZ85711		1.34	38.0	970	32.5	8.2	0.001	0.05	1.09	2.9	0.8	0.6	90.1	<0.01	0.03	1.8
ZZ85712		1.28	30.9	1010	27.4	9.1	0.001	0.05	1.04	2.6	0.8	0.6	91.2	<0.01	0.04	1.9

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To: **ATAC RESOURCES LTD.**
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1016- 510 W HASTINGS ST
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Finalized Date: 28- AUG- 2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145823

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
ZZ86282		0.028	0.36	2.69	40	2.41	6.72	440	1.3
ZZ86283		0.030	0.37	3.12	43	1.70	6.69	419	1.3
ZZ86284		0.029	0.23	2.17	57	0.78	7.22	284	1.7
ZZ86285		0.030	0.27	2.24	68	0.50	9.12	281	2.0
ZZ86286		0.032	0.28	2.77	69	0.97	8.65	270	2.1
ZZ86287		0.045	0.20	1.76	38	3.92	7.23	359	1.1
ZZ86288		0.035	0.14	5.37	39	1.35	7.37	243	1.1
ZZ86289		0.048	0.22	1.44	33	19.25	8.33	347	0.8
ZZ86290		0.044	0.22	1.26	44	7.82	10.25	240	1.0
ZZ86291		0.042	0.19	2.80	42	4.15	7.95	294	1.1
ZZ86292		0.028	0.14	4.89	33	4.44	8.49	132	1.2
ZZ86293		0.030	0.14	1.64	34	1.98	7.57	145	1.8
ZZ86294		0.032	0.15	1.03	35	1.10	7.25	193	1.3
ZZ86295		0.049	0.18	1.05	32	3.70	6.99	342	0.8
ZZ86296		0.046	0.19	0.93	32	3.71	7.56	320	0.9
ZZ86297		0.056	0.20	0.92	36	9.77	7.77	381	0.9
ZZ86298		0.049	0.16	0.86	32	4.12	7.41	277	1.0
ZZ86299		0.050	0.24	1.27	33	2.43	7.97	322	1.1
ZZ86300		0.054	0.18	1.60	52	2.05	9.65	339	0.9
ZZ86301		0.050	0.35	1.71	39	1.52	9.74	446	1.0
ZZ86302		0.050	0.29	1.19	35	3.34	8.45	343	0.9
ZZ86303		0.053	0.14	1.07	30	5.94	7.01	272	0.9
ZZ86304		0.049	0.22	1.34	33	2.30	7.54	329	0.8
ZZ86305		0.044	0.18	1.02	31	3.57	7.43	366	0.8
ZZ86306		0.045	0.19	1.46	34	2.88	7.26	264	0.8
ZZ86307		0.034	0.24	3.05	52	0.74	8.21	220	2.4
ZZ86308		0.026	0.26	2.72	53	0.58	6.02	258	1.4
ZZ86309		0.027	0.24	3.08	55	0.65	6.37	225	1.8
ZZ85661		0.020	0.11	2.13	33	0.12	9.49	80	1.2
ZZ85662		0.023	0.18	1.91	35	0.13	7.85	159	1.8
ZZ85663		0.021	0.18	2.15	33	0.12	7.70	137	1.8
ZZ85664		0.033	0.30	5.35	45	0.19	11.10	359	2.9
ZZ85665		0.007	0.15	6.53	10	0.10	2.06	274	1.0
ZZ85666		0.023	0.30	5.97	39	0.33	9.58	498	2.2
ZZ85667		0.023	0.29	4.77	40	0.41	7.96	419	2.9
ZZ85668		0.023	0.25	4.75	41	0.27	9.54	337	2.9
ZZ85669		0.025	0.25	3.58	38	0.20	7.82	255	1.9
ZZ85670		0.016	0.18	1.82	27	0.09	6.32	148	2.1
ZZ85711		0.061	0.18	0.99	40	2.74	8.09	340	1.2
ZZ85712		0.050	0.18	0.85	35	1.92	7.68	246	1.2

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Finalized Date: 28-AUG-2013
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CERTIFICATE OF ANALYSIS WH13145823

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ85713		0.30	0.039	0.31	1.23	273	<0.2	<10	460	0.40	4.73	8.20	1.42	22.1	12.9	39
ZZ85714		0.26	0.090	0.32	1.32	172.5	<0.2	<10	720	0.45	3.93	5.68	1.41	23.8	12.0	36
ZZ85715		0.29	0.006	0.31	1.08	31.6	<0.2	<10	790	0.42	2.51	3.48	1.56	18.55	9.5	26
ZZ85716		0.21	0.002	0.27	1.26	37.9	<0.2	<10	550	0.53	1.48	3.61	1.16	19.80	9.9	30
ZZ85717		0.46	0.007	0.27	1.26	35.1	<0.2	<10	610	0.38	1.68	4.58	0.99	20.5	9.8	30
ZZ85718		0.38	0.006	0.27	1.74	41.4	<0.2	<10	430	0.74	2.15	1.70	1.20	32.5	16.1	40
ZZ85719		0.31	0.005	0.27	1.49	45.6	<0.2	<10	580	0.50	1.34	2.53	0.74	20.5	10.9	31
ZZ85720		0.20	0.005	0.34	1.15	31.4	<0.2	<10	1450	0.45	1.04	1.93	2.04	18.95	11.3	27
ZZ85721		0.12	0.006	0.34	0.91	24.0	<0.2	<10	1300	0.39	0.81	2.58	2.15	13.30	9.1	22
ZZ85722		0.33	0.012	0.44	1.36	39.9	<0.2	<10	950	0.57	1.35	2.34	1.87	25.6	14.9	34
ZZ85723		0.41	0.012	0.37	1.28	49.1	<0.2	<10	500	0.62	1.35	3.41	1.51	26.5	14.5	30
ZZ85724		0.32	0.008	0.31	1.06	22.3	<0.2	<10	1870	0.41	0.99	1.87	1.46	19.45	7.1	26
ZZ85725		0.33	0.005	0.35	1.01	22.4	<0.2	<10	2180	0.36	0.89	2.36	0.91	17.50	7.5	23
ZZ85726		0.20	0.004	0.40	1.09	25.2	<0.2	<10	1860	0.43	1.07	1.93	2.23	16.65	9.9	25
ZZ85727		0.18	0.004	0.33	0.93	22.0	<0.2	<10	1580	0.36	0.89	2.19	1.65	15.10	8.3	22
ZZ85728		0.19	0.007	0.35	1.13	31.4	<0.2	<10	1780	0.43	1.24	1.96	3.58	18.60	11.7	27
ZZ85729		0.09	0.005	0.31	0.85	22.4	<0.2	<10	1550	0.37	0.86	3.03	3.10	13.50	8.1	21
ZZ85730		0.38	0.007	0.47	1.34	41.3	<0.2	<10	2490	0.57	1.79	1.91	3.98	23.0	12.5	31
ZZ85731		0.19	0.006	0.33	1.18	19.3	<0.2	<10	1470	0.45	1.21	2.37	1.52	19.10	10.3	27
ZZ85732		0.15	0.002	0.27	1.10	19.8	<0.2	<10	910	0.43	1.17	2.44	2.15	16.95	9.5	26
ZZ85733		0.27	0.008	0.36	1.23	22.9	<0.2	<10	2100	0.50	1.44	1.65	1.44	21.4	10.5	27
ZZ85734		0.33	0.009	0.47	1.22	60.6	<0.2	<10	2930	0.52	1.49	2.82	3.32	20.9	10.8	29
ZZ85735		0.17	0.005	0.14	1.08	25.3	<0.2	<10	2190	0.38	1.10	1.07	2.13	16.20	7.7	26
ZZ85736		0.26	0.004	0.32	1.22	32.0	<0.2	<10	2400	0.50	1.10	1.17	1.32	21.4	13.0	27
ZZ85737		0.23	0.006	0.41	1.20	32.6	<0.2	<10	1990	0.49	1.17	1.45	3.15	20.6	14.1	28
ZZ85738		0.12	0.006	0.27	0.90	17.9	<0.2	10	1460	0.36	0.72	3.28	2.68	12.40	10.6	20
ZZ85739		0.26	0.007	0.44	1.43	21.9	<0.2	<10	1900	0.51	1.19	1.44	2.98	22.1	11.4	34
ZZ85740		0.20	0.010	0.35	1.11	29.7	<0.2	<10	1840	0.48	1.02	1.81	2.18	20.1	10.6	28
ZZ85741		0.29	0.023	0.40	1.31	49.0	<0.2	<10	640	0.59	1.34	3.33	1.64	23.1	13.0	31
ZZ85742		0.31	0.014	0.40	1.38	40.3	<0.2	<10	510	0.56	1.18	3.19	1.56	24.3	14.1	33
ZZ85743		0.35	0.010	0.32	1.05	39.7	<0.2	<10	380	0.44	1.43	4.16	1.15	22.6	13.5	23
ZZ85744		0.39	0.009	0.33	1.44	29.9	<0.2	<10	610	0.53	1.23	2.20	1.05	25.3	13.0	31
ZZ85745		0.13	0.004	0.26	0.94	18.4	<0.2	<10	840	0.37	0.76	2.96	2.62	13.75	8.1	20
ZZ85746		0.39	0.010	0.37	1.59	38.2	<0.2	<10	410	0.62	1.85	4.17	0.71	24.5	14.2	36
ZZ85747		0.44	0.013	0.30	0.89	34.9	<0.2	<10	340	0.36	1.70	5.18	1.08	19.40	11.1	22
ZZ85748		0.29	0.007	0.30	1.29	39.0	<0.2	<10	590	0.53	2.19	2.23	1.07	24.6	13.8	29
ZZ85749		0.14	0.005	0.27	0.98	42.1	<0.2	<10	650	0.44	1.51	3.77	1.29	14.40	9.3	22
ZZ85750		0.26	0.039	0.34	1.16	174.5	<0.2	<10	500	0.36	3.48	9.07	1.38	21.6	12.5	34
ZZ85751		0.26	0.072	0.26	1.12	174.0	<0.2	<10	520	0.34	3.79	7.01	1.35	22.0	12.7	33
ZZ85752		0.33	0.044	0.25	1.03	249	0.2	<10	380	0.33	6.43	11.50	1.01	18.60	12.2	32

***** 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: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145823

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ85713		2.28	26.5	3.36	3.88	<0.05	0.03	0.04	0.036	0.07	11.6	11.9	3.86	609	1.55	0.02
ZZ85714		1.97	28.8	3.26	3.95	<0.05	0.03	0.04	0.038	0.08	12.3	12.2	3.12	1480	2.56	0.02
ZZ85715		1.16	28.3	2.46	3.31	<0.05	0.04	0.07	0.028	0.06	9.7	11.5	1.28	451	1.60	0.01
ZZ85716		1.26	23.1	2.64	3.93	<0.05	0.02	0.05	0.032	0.05	10.6	13.9	1.51	735	2.11	0.02
ZZ85717		1.72	22.9	2.82	3.80	0.05	0.04	0.06	0.029	0.08	11.0	12.9	2.74	559	2.62	0.02
ZZ85718		1.88	27.2	3.60	5.36	0.05	0.05	0.06	0.042	0.06	15.2	17.0	1.38	716	2.76	0.02
ZZ85719		1.48	22.5	3.33	4.71	<0.05	0.04	0.08	0.035	0.07	11.3	17.8	1.51	281	4.16	0.02
ZZ85720		1.25	33.4	2.61	3.48	<0.05	0.05	0.09	0.039	0.09	10.3	11.1	0.74	667	5.38	0.01
ZZ85721		1.13	39.5	2.10	2.71	<0.05	0.06	0.09	0.026	0.07	7.0	8.3	0.62	512	4.29	0.02
ZZ85722		1.53	52.3	3.31	4.05	0.05	0.07	0.09	0.038	0.13	13.7	14.5	1.66	424	6.21	0.02
ZZ85723		1.61	57.9	3.44	3.87	<0.05	0.07	0.08	0.040	0.12	14.4	13.5	2.07	590	5.28	0.01
ZZ85724		1.35	32.0	2.22	3.18	<0.05	0.06	0.08	0.032	0.09	10.7	9.6	1.09	220	4.32	0.01
ZZ85725		1.24	18.9	2.21	2.88	<0.05	0.04	0.08	0.036	0.08	9.8	8.6	1.50	318	4.89	0.02
ZZ85726		1.44	32.3	2.27	3.30	<0.05	0.06	0.09	0.032	0.09	9.0	9.5	0.62	814	4.96	0.01
ZZ85727		1.05	36.8	2.08	2.69	<0.05	0.05	0.08	0.027	0.08	8.4	7.6	0.60	457	5.44	0.01
ZZ85728		1.27	46.1	2.64	3.40	0.05	0.05	0.10	0.036	0.10	10.1	10.2	0.67	596	3.59	0.01
ZZ85729		1.12	46.1	1.95	2.57	<0.05	0.06	0.10	0.027	0.09	7.2	7.5	0.77	401	4.99	0.01
ZZ85730		2.04	51.8	3.04	4.15	0.05	0.07	0.12	0.040	0.15	13.2	11.9	1.21	487	10.05	0.01
ZZ85731		1.52	34.5	2.40	3.67	0.05	0.05	0.08	0.032	0.10	10.2	11.1	1.16	236	3.52	0.01
ZZ85732		1.16	28.7	2.36	3.39	<0.05	0.04	0.07	0.029	0.08	9.4	10.0	1.03	273	2.20	0.02
ZZ85733		1.78	31.7	2.55	3.60	<0.05	0.07	0.07	0.039	0.12	11.9	10.8	0.97	590	4.13	0.01
ZZ85734		2.08	52.1	2.97	3.66	0.06	0.11	0.13	0.042	0.15	12.0	10.5	1.71	282	11.95	0.01
ZZ85735		0.97	21.5	2.15	3.51	<0.05	0.04	0.07	0.033	0.08	8.9	9.8	0.58	199	5.32	0.01
ZZ85736		1.32	24.6	2.69	3.60	<0.05	0.04	0.09	0.036	0.10	11.5	11.8	0.59	793	6.51	0.01
ZZ85737		1.48	44.6	2.42	3.65	<0.05	0.05	0.10	0.034	0.10	11.3	10.5	0.62	1160	6.94	0.01
ZZ85738		1.11	37.3	1.71	2.63	<0.05	0.05	0.08	0.023	0.08	6.3	7.4	0.67	3410	5.47	0.01
ZZ85739		1.94	45.1	2.52	4.41	0.05	0.08	0.09	0.045	0.13	12.3	13.7	0.86	415	3.41	0.01
ZZ85740		1.40	38.0	2.48	3.44	<0.05	0.06	0.09	0.034	0.10	11.2	10.3	1.00	463	5.32	0.01
ZZ85741		1.98	55.8	3.37	4.01	0.06	0.08	0.09	0.037	0.14	12.6	13.2	1.81	398	5.88	0.02
ZZ85742		1.74	54.8	3.36	4.11	0.05	0.07	0.08	0.039	0.14	13.4	14.7	1.97	493	4.99	0.02
ZZ85743		1.36	42.1	3.06	3.11	0.05	0.07	0.15	0.029	0.10	12.3	11.6	2.32	588	3.86	0.01
ZZ85744		1.23	32.1	3.05	4.35	<0.05	0.05	0.07	0.034	0.07	13.2	15.0	1.38	613	2.60	0.02
ZZ85745		0.92	22.7	1.90	2.69	<0.05	0.04	0.06	0.021	0.05	6.6	8.4	0.56	516	2.27	0.01
ZZ85746		1.87	28.1	3.28	4.93	<0.05	0.04	0.07	0.037	0.09	13.5	17.6	2.79	588	2.11	0.02
ZZ85747		1.68	32.3	2.46	2.82	0.05	0.07	0.05	0.034	0.08	10.4	9.4	3.18	494	3.00	0.02
ZZ85748		1.17	32.8	3.02	3.86	0.05	0.07	0.08	0.042	0.07	12.8	15.2	1.32	810	2.67	0.01
ZZ85749		0.96	26.7	2.51	2.87	<0.05	0.04	0.08	0.027	0.06	6.9	11.6	0.85	770	2.02	0.02
ZZ85750		1.91	26.5	3.02	3.55	0.05	0.03	0.04	0.033	0.07	11.7	11.3	3.61	500	1.93	0.02
ZZ85751		1.78	24.5	2.93	3.46	<0.05	0.03	0.03	0.033	0.06	11.6	11.0	3.51	637	1.82	0.01
ZZ85752		1.64	21.5	2.90	3.03	<0.05	0.03	0.03	0.031	0.05	10.2	9.9	4.51	466	1.72	0.01

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Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145823

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ85713		1.20	43.3	1060	36.1	12.0	0.002	0.06	1.28	2.9	0.6	0.8	63.7	<0.01	0.04	1.4
ZZ85714		1.31	40.9	1230	32.0	10.3	0.001	0.08	1.25	2.9	0.9	0.8	52.8	<0.01	0.02	1.6
ZZ85715		1.33	32.1	1050	22.3	7.9	0.004	0.20	1.21	2.7	2.2	0.6	46.4	<0.01	0.03	1.6
ZZ85716		1.58	30.4	1020	23.2	9.7	<0.001	0.08	1.19	2.5	1.3	1.9	43.8	<0.01	0.02	0.9
ZZ85717		1.53	32.6	1200	19.9	12.9	0.002	0.07	1.18	2.9	1.2	0.6	44.3	<0.01	0.03	1.7
ZZ85718		1.75	43.9	980	28.0	11.8	0.001	0.02	1.14	5.3	1.3	0.8	28.5	<0.01	0.04	2.6
ZZ85719		1.54	34.8	800	21.4	10.3	0.002	0.06	1.05	3.4	1.3	0.8	36.3	<0.01	0.04	2.1
ZZ85720		1.01	42.3	1100	20.1	9.7	0.005	0.10	1.80	2.4	2.2	0.8	41.2	<0.01	0.05	1.5
ZZ85721		0.80	44.6	1000	15.5	8.5	0.008	0.19	1.97	1.7	2.7	0.6	48.9	<0.01	0.03	0.8
ZZ85722		1.10	63.6	1270	21.7	13.0	0.001	0.03	2.09	3.9	1.5	0.8	36.7	<0.01	0.05	3.2
ZZ85723		1.05	63.2	1230	23.3	12.2	0.001	0.02	2.10	3.6	1.8	0.7	44.8	<0.01	0.05	3.3
ZZ85724		0.92	37.8	1060	22.0	9.4	0.003	0.06	1.64	2.5	2.0	0.8	40.5	<0.01	0.05	2.0
ZZ85725		0.85	32.0	1150	21.3	7.9	0.001	0.04	1.56	2.4	1.6	0.7	40.3	<0.01	0.05	2.0
ZZ85726		0.91	48.4	1080	20.5	10.4	0.009	0.13	2.07	2.1	4.0	0.9	46.5	<0.01	0.04	1.0
ZZ85727		0.82	41.6	1000	17.1	7.2	0.006	0.11	2.18	1.5	4.8	0.7	43.8	<0.01	0.04	0.7
ZZ85728		0.95	53.0	1000	23.3	11.6	0.005	0.11	2.15	2.2	5.1	0.8	44.1	<0.01	0.05	1.0
ZZ85729		0.81	50.0	950	15.2	8.9	0.003	0.14	2.22	1.6	4.0	0.6	50.9	<0.01	0.04	0.7
ZZ85730		1.22	69.0	1280	25.5	16.1	0.001	0.07	3.04	3.3	2.9	1.1	47.9	<0.01	0.07	2.4
ZZ85731		1.10	45.1	1070	20.6	11.9	0.008	0.15	1.75	2.6	3.1	0.9	41.4	<0.01	0.03	1.5
ZZ85732		1.04	34.3	960	18.2	9.4	0.005	0.11	1.20	2.0	2.1	0.7	32.6	<0.01	0.03	0.9
ZZ85733		1.07	44.8	1080	27.1	12.6	0.004	0.08	1.91	2.8	2.0	1.2	37.6	<0.01	0.04	2.3
ZZ85734		1.17	64.3	1270	28.0	16.9	0.001	0.08	3.22	3.2	2.7	1.2	59.0	<0.01	0.08	2.8
ZZ85735		0.92	31.9	530	18.1	7.7	0.001	0.06	1.52	2.0	2.1	0.9	28.3	<0.01	0.05	1.2
ZZ85736		0.94	38.4	890	24.1	9.3	0.004	0.07	1.62	2.5	3.6	0.9	38.6	<0.01	0.04	1.6
ZZ85737		0.96	63.2	910	23.7	10.9	0.006	0.11	2.02	2.6	3.4	0.9	39.4	<0.01	0.04	1.5
ZZ85738		0.66	57.4	880	15.1	9.1	0.016	0.25	2.07	1.4	4.8	0.7	56.1	<0.01	0.05	0.5
ZZ85739		1.30	59.2	1050	23.9	15.1	0.005	0.12	2.28	3.4	3.5	1.1	42.9	<0.01	0.04	2.6
ZZ85740		0.97	52.4	1130	21.2	10.4	0.002	0.08	1.99	2.6	1.7	0.8	41.7	<0.01	0.05	2.1
ZZ85741		1.16	58.3	1230	23.3	18.0	0.004	0.05	2.25	3.6	2.0	0.7	49.2	<0.01	0.05	2.9
ZZ85742		1.14	58.2	1300	20.7	13.4	0.001	0.04	1.97	3.8	1.8	0.7	42.1	<0.01	0.06	2.7
ZZ85743		0.97	42.6	1110	19.8	10.9	<0.001	0.02	1.61	3.1	1.1	0.6	47.2	<0.01	0.04	2.9
ZZ85744		1.21	41.8	1110	22.4	10.0	0.002	0.04	1.18	3.4	1.4	0.6	32.5	<0.01	0.03	1.9
ZZ85745		0.84	26.7	840	14.0	8.0	0.001	0.11	1.05	1.5	1.6	0.5	47.4	<0.01	0.02	0.6
ZZ85746		1.71	40.6	1100	22.9	17.0	<0.001	0.02	1.03	4.3	1.2	0.6	37.4	<0.01	0.04	2.2
ZZ85747		1.06	37.8	1220	21.0	11.7	0.001	0.01	1.57	2.7	1.0	0.6	46.7	<0.01	0.04	2.6
ZZ85748		1.38	39.4	1030	28.1	10.5	0.002	0.07	1.39	3.6	1.5	0.6	32.9	<0.01	0.04	2.9
ZZ85749		0.92	28.1	950	19.1	7.8	0.005	0.17	1.13	1.9	2.2	0.5	59.2	<0.01	0.03	0.7
ZZ85750		1.16	39.9	1070	32.2	10.7	0.002	0.04	1.31	2.8	1.1	0.8	85.2	<0.01	0.02	1.6
ZZ85751		1.12	38.3	990	31.2	10.8	0.002	0.04	1.29	2.6	1.1	0.8	69.0	<0.01	0.03	1.4
ZZ85752		1.03	35.3	950	32.0	7.0	0.001	0.02	1.18	2.6	0.8	0.8	93.9	<0.01	0.04	1.6

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CERTIFICATE OF ANALYSIS WH13145823

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
ZZ85713		0.057	0.31	1.18	41	2.22	8.41	413	0.9
ZZ85714		0.052	0.25	1.78	45	2.14	8.66	366	1.2
ZZ85715		0.034	0.14	2.47	46	2.31	7.88	208	2.1
ZZ85716		0.043	0.16	1.98	48	2.21	9.83	163	1.0
ZZ85717		0.045	0.19	1.51	52	1.14	8.24	191	1.2
ZZ85718		0.051	0.20	0.79	60	7.12	13.85	198	1.5
ZZ85719		0.036	0.17	1.90	59	0.62	7.43	177	1.4
ZZ85720		0.029	0.22	4.19	62	0.75	7.33	250	2.2
ZZ85721		0.023	0.21	11.80	51	0.59	6.23	210	2.3
ZZ85722		0.039	0.30	1.59	62	1.57	10.90	226	3.2
ZZ85723		0.035	0.27	1.44	55	0.77	10.85	212	2.9
ZZ85724		0.031	0.28	1.91	61	0.87	8.36	233	2.5
ZZ85725		0.031	0.23	1.22	60	0.79	7.28	207	1.8
ZZ85726		0.027	0.28	4.30	60	0.62	6.96	255	2.2
ZZ85727		0.024	0.18	3.34	54	0.42	6.69	183	1.9
ZZ85728		0.027	0.29	3.01	62	0.48	8.22	249	2.0
ZZ85729		0.023	0.24	4.45	53	0.37	6.98	223	2.3
ZZ85730		0.040	0.44	1.96	94	0.60	10.80	345	3.0
ZZ85731		0.033	0.35	3.45	58	0.61	7.26	319	2.2
ZZ85732		0.031	0.27	3.02	47	0.80	6.66	304	1.4
ZZ85733		0.033	0.36	2.23	62	0.95	7.94	307	2.6
ZZ85734		0.038	0.47	1.45	90	0.84	9.34	340	4.5
ZZ85735		0.025	0.22	1.27	65	1.05	4.52	199	1.4
ZZ85736		0.031	0.26	3.52	63	1.28	8.48	220	1.7
ZZ85737		0.030	0.32	4.63	68	0.99	8.63	295	2.1
ZZ85738		0.020	0.28	9.40	45	0.51	6.17	201	1.7
ZZ85739		0.039	0.36	2.96	82	0.80	9.23	363	3.4
ZZ85740		0.033	0.26	1.96	68	0.90	8.15	265	2.4
ZZ85741		0.036	0.30	2.16	57	3.19	9.75	227	3.4
ZZ85742		0.037	0.26	1.48	55	1.75	10.75	197	3.0
ZZ85743		0.033	0.21	0.87	39	1.10	8.23	152	2.8
ZZ85744		0.038	0.14	1.35	55	0.80	10.40	184	1.6
ZZ85745		0.023	0.12	4.12	42	9.39	5.05	192	1.4
ZZ85746		0.050	0.18	0.85	55	1.70	12.55	159	1.3
ZZ85747		0.038	0.22	0.75	38	2.24	8.02	163	2.7
ZZ85748		0.033	0.16	1.41	47	2.32	10.25	192	2.6
ZZ85749		0.024	0.11	4.42	37	0.60	6.10	187	1.6
ZZ85750		0.050	0.23	1.01	38	1.77	8.26	341	1.1
ZZ85751		0.047	0.23	1.42	38	5.19	8.03	305	1.0
ZZ85752		0.050	0.23	0.88	34	4.92	7.71	312	1.0

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

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

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

Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145823

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ85753		0.32	0.017	0.22	1.00	70.5	<0.2	<10	460	0.31	2.89	8.26	1.30	19.25	10.9	29
ZZ85754		0.33	0.036	0.34	1.26	205	<0.2	<10	470	0.47	4.32	5.51	1.33	22.7	13.2	37
ZZ85755		0.25	0.019	0.28	1.13	179.0	<0.2	<10	440	0.42	3.75	6.08	1.39	21.6	11.6	33
ZZ85756		0.41	0.010	0.28	1.44	22.0	<0.2	<10	350	0.89	0.71	3.55	0.82	23.1	13.7	26
ZZ85757		0.13	0.002	0.11	0.31	17.1	<0.2	<10	1080	0.17	0.52	4.71	0.95	4.58	5.8	6
ZZ85758		0.30	0.008	0.29	1.10	43.4	<0.2	<10	420	0.48	1.69	5.04	1.31	23.4	12.5	23
ZZ85759		0.30	0.012	0.34	1.40	26.1	<0.2	<10	560	0.57	2.00	3.28	1.25	19.55	12.1	32
ZZ85760		0.31	0.044	0.35	1.39	34.8	<0.2	<10	290	0.56	3.51	4.16	0.97	23.1	12.4	31
ZZ85761		0.22	0.014	0.28	1.12	29.1	<0.2	<10	550	0.49	1.30	2.42	0.89	21.4	9.7	25
ZZ85762		0.22	0.007	0.25	1.18	28.0	<0.2	<10	590	0.51	1.39	2.13	1.01	20.4	10.9	26
ZZ85763		0.38	0.011	0.43	1.53	39.8	<0.2	<10	480	0.59	1.19	2.96	1.01	24.8	14.0	39
ZZ86851		0.21	0.008	0.29	0.80	21.3	<0.2	<10	1110	0.33	0.66	3.12	2.09	12.45	9.3	21
ZZ86852		0.37	0.011	0.39	1.22	41.6	<0.2	<10	1130	0.51	1.08	2.41	2.06	21.8	11.9	32
ZZ86853		0.14	0.005	0.38	1.11	29.5	<0.2	<10	1500	0.48	1.07	1.46	2.13	19.60	10.7	27
ZZ86854		0.24	0.020	0.37	1.18	26.9	<0.2	<10	1760	0.44	1.02	1.96	2.50	18.60	10.8	28
ZZ86855		0.26	0.010	0.37	1.72	31.8	<0.2	<10	1840	0.63	1.02	2.31	1.77	19.65	14.0	46
ZZ86856		0.22	0.008	0.26	1.33	34.1	<0.2	<10	1330	0.54	1.30	1.56	1.92	21.5	12.5	29
ZZ86857		0.30	0.007	0.31	1.07	24.0	<0.2	<10	2250	0.40	0.95	2.39	1.94	20.1	11.2	23
ZZ86858		0.12	0.006	0.29	0.97	17.9	<0.2	<10	1360	0.37	0.94	2.69	1.86	14.45	8.4	21

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28- AUG- 2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145823

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ85753		1.60	23.8	2.32	3.09	<0.05	0.04	0.04	0.032	0.06	10.2	10.3	3.55	301	1.22	0.01
ZZ85754		1.90	30.0	3.19	4.01	0.05	0.04	0.05	0.041	0.08	12.0	13.3	3.12	513	2.12	0.02
ZZ85755		1.90	24.1	2.78	3.58	<0.05	0.03	0.04	0.038	0.06	11.0	12.0	3.46	787	1.77	0.01
ZZ85756		1.61	47.6	3.35	4.45	0.06	0.12	0.14	0.033	0.16	11.4	25.3	1.28	534	2.08	0.01
ZZ85757		0.29	17.2	1.06	0.92	<0.05	0.02	0.07	0.009	0.02	2.4	2.8	0.38	3430	2.47	0.01
ZZ85758		1.74	42.2	2.81	3.32	0.05	0.09	0.07	0.029	0.15	12.4	12.5	2.20	640	3.46	0.01
ZZ85759		1.32	38.5	2.69	4.73	<0.05	0.05	0.07	0.038	0.07	10.1	15.4	1.39	274	1.60	0.01
ZZ85760		2.08	27.2	2.96	4.34	0.05	0.03	0.06	0.042	0.06	12.9	13.5	2.95	751	2.30	0.02
ZZ85761		1.05	28.6	2.49	3.53	<0.05	0.06	0.07	0.031	0.07	11.2	13.2	1.24	470	3.35	0.01
ZZ85762		1.05	36.9	2.61	3.55	0.05	0.05	0.06	0.030	0.06	11.0	12.6	0.78	759	2.90	0.01
ZZ85763		2.04	54.6	3.34	4.88	0.05	0.05	0.09	0.039	0.12	13.7	17.2	1.74	565	4.05	0.02
ZZ86851		1.34	35.9	2.01	2.49	<0.05	0.04	0.08	0.030	0.06	6.4	8.0	0.62	872	2.86	0.01
ZZ86852		1.86	49.4	2.91	3.92	0.05	0.07	0.08	0.039	0.12	11.8	12.0	1.40	529	6.67	0.02
ZZ86853		1.31	32.1	2.39	3.48	0.05	0.05	0.09	0.032	0.09	10.8	10.5	0.57	427	5.56	0.01
ZZ86854		1.64	37.4	2.40	3.73	0.05	0.05	0.09	0.036	0.11	9.8	11.0	0.85	516	5.74	0.01
ZZ86855		2.20	37.6	2.76	5.29	0.05	0.05	0.08	0.040	0.12	10.8	16.3	1.76	532	4.89	0.03
ZZ86856		1.44	31.6	2.78	4.06	0.05	0.05	0.07	0.037	0.12	11.2	12.8	0.76	1290	5.31	0.02
ZZ86857		1.31	28.0	2.38	3.15	<0.05	0.05	0.07	0.033	0.09	10.8	9.4	1.35	984	4.59	0.02
ZZ86858		1.07	29.9	1.95	2.87	0.05	0.04	0.08	0.028	0.07	7.4	8.7	0.74	605	1.87	0.02

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

Finalized Date: 28- AUG- 2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145823

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ85753		1.08	35.1	950	28.6	9.7	0.002	0.04	0.98	2.6	0.7	0.7	74.9	<0.01	0.02	1.6
ZZ85754		1.31	44.5	1060	34.1	10.6	0.001	0.05	1.43	3.4	1.1	0.8	55.7	<0.01	0.04	1.8
ZZ85755		1.22	39.2	960	31.3	10.0	0.001	0.03	1.23	3.0	1.0	0.7	61.0	<0.01	0.05	1.7
ZZ85756		0.70	42.4	630	23.9	11.0	0.002	0.02	1.35	4.6	1.1	0.5	67.8	<0.01	0.06	4.0
ZZ85757		0.36	13.6	820	5.5	2.1	0.022	0.36	1.10	0.3	8.4	<0.2	91.1	<0.01	0.03	<0.2
ZZ85758		1.31	42.7	1100	24.8	13.5	0.002	0.03	1.87	3.3	1.1	0.6	74.8	<0.01	0.04	3.4
ZZ85759		1.94	38.4	1090	26.0	8.9	0.001	0.12	1.58	3.9	1.5	0.6	57.0	0.01	0.03	1.7
ZZ85760		1.77	37.7	1180	27.0	8.3	<0.001	0.02	1.33	4.2	0.8	0.7	36.8	<0.01	0.06	2.2
ZZ85761		1.10	37.5	1000	20.4	9.6	0.003	0.07	1.50	2.6	2.0	0.6	35.9	<0.01	0.04	1.5
ZZ85762		1.15	39.2	1030	19.8	7.8	0.002	0.07	1.52	2.4	1.9	0.5	41.5	<0.01	0.04	1.0
ZZ85763		1.39	57.5	1110	21.5	14.5	<0.001	0.02	1.79	4.7	1.4	0.7	48.1	<0.01	0.05	2.9
ZZ86851		0.87	40.6	880	11.8	7.6	0.003	0.12	1.87	1.7	3.2	0.9	62.4	<0.01	0.05	0.6
ZZ86852		1.25	59.9	1130	19.5	14.7	<0.001	0.04	2.46	3.5	1.8	0.8	44.6	<0.01	0.05	2.4
ZZ86853		1.12	45.6	940	21.8	9.5	0.003	0.07	2.20	2.5	2.7	0.8	39.9	<0.01	0.06	1.4
ZZ86854		1.17	53.5	980	19.8	12.2	0.001	0.08	2.30	2.6	2.5	0.8	44.7	<0.01	0.05	1.4
ZZ86855		1.08	56.3	1070	20.3	14.6	0.001	0.04	1.94	4.7	1.5	0.9	53.2	<0.01	0.05	2.3
ZZ86856		1.11	43.5	940	23.2	16.3	0.003	0.07	1.85	2.7	2.3	0.9	35.8	<0.01	0.05	1.2
ZZ86857		0.99	42.2	1020	20.6	10.0	0.003	0.06	1.99	2.2	1.7	0.7	45.7	<0.01	0.04	1.7
ZZ86858		0.94	33.4	800	16.4	9.6	0.003	0.12	1.52	1.8	2.2	0.6	43.7	<0.01	0.04	0.8

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VANCOUVER BC V6B 1L8

Finalized Date: 28- AUG- 2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145823

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
ZZ85753		0.045	0.20	1.10	34	1.90	7.52	260	1.3
ZZ85754		0.050	0.26	1.16	42	1.75	9.56	368	1.3
ZZ85755		0.048	0.26	0.77	37	2.79	8.43	324	1.1
ZZ85756		0.010	0.18	0.88	37	0.26	9.01	153	4.7
ZZ85757		0.007	0.10	7.05	12	0.24	3.05	66	0.6
ZZ85758		0.036	0.26	0.89	40	0.98	8.35	163	3.8
ZZ85759		0.047	0.16	1.38	51	2.42	8.77	181	2.0
ZZ85760		0.050	0.25	1.02	49	2.75	12.70	158	1.1
ZZ85761		0.027	0.18	2.06	44	1.79	8.07	153	1.6
ZZ85762		0.028	0.17	1.53	41	0.75	9.24	134	1.6
ZZ85763		0.048	0.34	1.32	57	0.59	11.40	175	2.2
ZZ86851		0.022	0.21	5.25	39	0.35	6.32	144	1.6
ZZ86852		0.039	0.33	1.62	66	0.64	9.77	232	2.7
ZZ86853		0.030	0.28	2.68	71	0.52	8.06	247	1.9
ZZ86854		0.034	0.35	2.09	74	0.99	7.30	270	2.1
ZZ86855		0.052	0.37	1.55	67	1.11	8.48	215	2.3
ZZ86856		0.032	0.27	3.47	59	0.99	7.38	285	1.6
ZZ86857		0.029	0.29	1.68	55	0.69	6.97	227	1.9
ZZ86858		0.024	0.21	3.59	41	0.46	5.97	231	1.6

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CERTIFICATE OF ANALYSIS WH13145823

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: Interference: Samples with Ca>10%on ICP-MS As. ICP-AES As results reported (2 ppm DL)
ME-MS41

Applies to Method: Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).
ME-MS41

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
LOG-22 SCR-41 WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au-ICP21 ME-MS41

ALS Canada Ltd.

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VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2013
Account: RCM

CERTIFICATE WH13145824

Project: RAU

P.O. No.: S13-R3

This report is for 202 Soil samples submitted to our lab in Whitehorse, YT, Canada on 12-AUG-2013.

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-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	51 anal. aqua regia ICPMS	

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

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS WH13145824

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ86217		0.40	0.005	0.30	1.35	20.7	<0.2	<10	190	0.28	0.25	0.29	0.53	20.2	13.7	23
ZZ86218		0.36	0.002	0.30	1.09	15.6	<0.2	<10	140	0.27	0.24	0.07	0.29	19.70	6.9	21
ZZ86219		0.37	0.022	0.78	1.01	14.3	<0.2	<10	170	0.24	0.30	0.06	0.39	23.9	5.6	20
ZZ86220		0.37	0.002	0.11	1.66	15.4	<0.2	<10	140	0.48	0.30	0.06	0.30	28.5	9.7	31
ZZ86221		0.38	0.002	0.06	1.72	13.5	<0.2	<10	150	0.38	0.25	0.07	0.16	26.4	8.8	30
ZZ86222		0.47	0.004	0.39	1.10	21.4	<0.2	<10	80	0.21	0.37	0.08	0.25	27.7	9.7	20
ZZ86223		0.37	0.002	0.23	0.92	13.2	<0.2	<10	150	0.20	0.29	0.04	0.38	22.7	8.1	20
ZZ86224		0.37	0.008	0.29	1.34	70.9	<0.2	<10	180	0.20	0.30	0.07	0.33	38.8	26.7	17
ZZ86225		0.43	0.006	0.26	1.87	18.4	<0.2	<10	240	0.38	0.30	0.06	0.37	23.8	19.3	28
ZZ86226		0.38	0.011	0.39	1.63	12.2	<0.2	<10	250	0.38	0.30	0.04	0.36	26.2	8.7	36
ZZ86227		0.39	0.022	0.94	1.59	21.5	<0.2	<10	280	0.38	0.35	0.04	0.53	25.3	12.1	39
ZZ86228		0.45	0.033	1.77	1.21	30.6	<0.2	<10	340	0.23	0.36	0.02	0.35	30.7	6.0	34
ZZ86229		0.41	0.022	1.45	1.25	69.2	<0.2	<10	460	0.29	0.50	0.02	0.48	27.7	10.1	26
ZZ86230		0.42	0.008	1.17	1.12	32.2	<0.2	<10	310	0.29	0.38	0.01	0.37	35.7	6.6	15
ZZ86231		0.42	0.029	2.05	1.11	66.9	<0.2	<10	340	0.29	0.46	0.03	0.45	35.6	6.4	23
ZZ86232		0.46	0.037	2.69	0.93	49.6	<0.2	<10	230	0.32	0.45	0.02	1.76	29.3	4.8	23
ZZ86233		0.46	0.014	1.65	1.06	17.4	<0.2	<10	150	0.29	0.34	0.03	0.99	31.4	9.7	20
ZZ86234		0.51	0.036	2.29	1.36	36.5	<0.2	<10	130	0.44	0.36	0.03	0.95	25.4	9.7	25
ZZ86235		0.45	0.020	1.13	1.19	22.3	<0.2	<10	200	0.34	0.33	0.04	0.40	35.6	6.0	20
ZZ86236		0.41	0.016	2.13	1.24	28.8	<0.2	<10	180	0.36	0.35	0.04	0.42	34.3	6.4	21
ZZ86237		0.37	0.005	1.84	0.77	17.6	<0.2	<10	290	0.24	0.37	0.05	1.20	29.9	7.7	14
ZZ86238		0.45	0.007	0.42	0.93	33.8	<0.2	<10	180	0.35	0.29	0.19	0.21	48.8	11.5	12
ZZ86239		0.44	0.006	0.23	1.31	27.7	<0.2	<10	140	0.48	0.34	0.12	0.30	40.2	11.1	21
ZZ86240		0.39	0.003	0.61	0.80	18.3	<0.2	<10	210	0.29	0.35	0.48	0.62	27.9	7.7	15
ZZ86241		0.38	0.002	0.97	0.80	11.6	<0.2	<10	210	0.25	0.29	0.08	0.44	21.9	8.0	14
ZZ86242		0.42	0.005	0.59	1.43	30.8	<0.2	<10	170	0.40	0.36	0.08	0.32	35.3	10.7	30
ZZ86243		0.32	0.003	0.73	0.98	21.6	<0.2	<10	170	0.28	0.33	0.05	0.45	29.3	7.6	17
ZZ86244		0.35	0.003	0.23	1.86	23.2	<0.2	<10	130	0.46	0.28	0.08	0.65	27.4	10.9	32
ZZ86245		0.45	0.002	0.96	1.86	10.3	<0.2	<10	210	0.52	0.31	0.08	0.75	30.8	9.5	26
ZZ86246		0.34	0.003	0.55	1.42	42.0	<0.2	<10	240	0.46	0.38	0.08	0.66	48.6	10.7	18
ZZ86247		0.47	0.002	0.14	1.85	24.0	<0.2	<10	130	0.44	0.33	0.06	0.13	29.5	11.1	32
ZZ86248		0.41	0.002	0.40	0.68	25.4	<0.2	<10	250	0.20	0.37	0.14	0.50	26.7	12.2	11
ZZ86249		0.32	0.004	0.20	2.06	17.6	<0.2	<10	170	0.69	0.22	0.42	0.16	32.6	16.6	63
ZZ86250		0.50	0.007	0.59	1.80	34.4	<0.2	<10	220	0.54	0.28	0.13	0.56	31.6	11.7	36
ZZ86251		0.36	0.015	0.87	0.82	19.0	<0.2	<10	270	0.27	0.32	0.01	0.20	33.3	1.8	21
ZZ86252		0.39	0.005	0.36	1.30	11.9	<0.2	<10	160	0.31	0.26	0.04	0.19	28.8	6.7	23
ZZ86253		0.37	0.147	0.36	1.37	8.2	<0.2	<10	170	0.32	0.27	0.11	0.31	31.8	8.7	32
ZZ86254		0.44	0.006	0.18	1.92	16.3	<0.2	<10	110	0.52	0.32	0.26	0.18	35.5	17.3	47
ZZ86255		0.45	0.007	0.45	2.07	17.8	<0.2	<10	200	0.80	0.28	0.35	0.28	42.7	21.3	54
ZZ86256		0.41	0.002	0.13	2.36	12.8	<0.2	<10	200	0.87	0.24	0.27	0.17	41.1	19.7	60

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

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

Project: RAU

CERTIFICATE OF ANALYSIS WH13145824

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ86217		3.16	119.5	2.68	4.38	0.05	<0.02	0.03	0.024	0.18	10.7	17.5	0.59	1700	1.78	0.01
ZZ86218		0.93	27.3	2.30	4.61	<0.05	<0.02	0.04	0.018	0.05	10.0	9.5	0.22	925	1.72	0.01
ZZ86219		1.39	53.3	2.38	5.12	<0.05	<0.02	0.05	0.021	0.06	12.2	7.3	0.23	383	2.32	<0.01
ZZ86220		1.33	40.9	3.21	6.49	0.06	0.02	0.04	0.032	0.05	13.8	16.9	0.39	619	1.62	<0.01
ZZ86221		1.20	33.0	3.02	6.23	0.05	<0.02	0.04	0.028	0.03	13.1	18.6	0.48	346	1.58	0.01
ZZ86222		1.57	37.8	3.14	6.10	0.05	<0.02	0.04	0.025	0.05	13.5	10.5	0.28	850	1.86	<0.01
ZZ86223		1.15	56.1	2.68	5.24	0.05	<0.02	0.06	0.022	0.05	11.5	5.3	0.16	1560	2.45	0.01
ZZ86224		4.47	129.0	4.02	3.73	0.06	0.02	0.02	0.019	0.15	16.8	13.5	0.67	3580	6.75	<0.01
ZZ86225		4.04	118.5	4.03	4.42	<0.05	0.03	0.03	0.023	0.18	11.7	21.4	0.65	631	2.59	0.01
ZZ86226		3.56	73.4	3.53	5.07	<0.05	0.02	0.03	0.025	0.15	12.8	18.6	0.59	324	2.13	<0.01
ZZ86227		2.97	139.5	4.73	4.74	0.06	0.09	0.04	0.028	0.21	12.6	16.2	0.52	371	4.81	0.01
ZZ86228		3.25	122.0	4.89	4.07	0.07	0.03	0.05	0.033	0.21	16.0	11.1	0.43	270	8.64	0.01
ZZ86229		2.73	145.0	4.89	3.48	0.07	0.25	0.09	0.057	0.21	14.2	7.6	0.27	397	27.0	0.03
ZZ86230		2.88	69.2	3.74	3.69	0.06	0.02	0.04	0.027	0.17	17.9	8.8	0.23	384	12.55	0.02
ZZ86231		2.05	91.0	4.42	4.43	0.06	<0.02	0.08	0.047	0.17	17.7	8.3	0.20	706	18.55	0.02
ZZ86232		0.72	148.0	6.43	3.55	0.07	<0.02	0.06	0.054	0.08	16.7	3.6	0.06	320	12.60	0.02
ZZ86233		1.27	78.1	3.92	3.66	0.05	<0.02	0.04	0.026	0.07	15.8	9.8	0.23	370	4.21	0.01
ZZ86234		0.70	169.5	6.66	3.00	0.06	0.02	0.05	0.049	0.05	13.2	9.6	0.19	242	6.95	0.05
ZZ86235		0.87	43.3	3.07	4.49	0.05	<0.02	0.13	0.032	0.06	18.9	10.2	0.19	187	3.78	0.01
ZZ86236		0.72	43.0	3.84	4.13	0.05	<0.02	0.06	0.036	0.06	18.6	10.6	0.20	238	5.53	0.01
ZZ86237		0.78	37.2	2.81	3.54	<0.05	<0.02	0.05	0.028	0.06	15.7	4.3	0.09	1230	5.57	0.02
ZZ86238		0.67	51.5	3.05	2.21	0.06	<0.02	0.03	0.025	0.05	24.0	11.6	0.17	953	2.18	<0.01
ZZ86239		0.82	45.4	3.34	3.73	0.05	<0.02	0.03	0.034	0.06	19.6	15.9	0.32	818	2.78	<0.01
ZZ86240		0.62	53.5	2.49	3.76	<0.05	<0.02	0.02	0.023	0.08	15.3	6.1	0.16	1020	3.48	<0.01
ZZ86241		0.67	30.2	2.08	4.05	<0.05	<0.02	0.03	0.020	0.06	11.1	3.5	0.11	1240	2.52	<0.01
ZZ86242		0.78	51.9	3.72	5.13	0.05	<0.02	0.04	0.031	0.07	16.5	14.2	0.42	857	5.36	0.01
ZZ86243		0.65	40.6	2.97	4.59	<0.05	<0.02	0.05	0.027	0.07	14.3	6.4	0.13	742	7.29	0.01
ZZ86244		0.91	41.0	3.26	5.68	<0.05	<0.02	0.04	0.029	0.07	13.4	17.0	0.48	1340	2.45	<0.01
ZZ86245		0.94	33.7	3.22	5.75	<0.05	0.04	0.04	0.030	0.06	15.7	18.2	0.34	331	2.94	0.01
ZZ86246		0.70	91.7	4.12	4.01	0.05	<0.02	0.03	0.031	0.05	20.7	12.6	0.26	468	7.09	0.01
ZZ86247		1.65	21.6	3.24	5.98	<0.05	<0.02	0.04	0.025	0.08	14.4	23.5	0.52	552	1.90	<0.01
ZZ86248		0.58	19.0	2.02	3.52	<0.05	<0.02	0.07	0.014	0.10	12.4	3.0	0.11	2910	1.07	<0.01
ZZ86249		1.97	41.3	4.12	7.81	0.05	0.02	0.03	0.025	0.08	16.3	24.2	1.18	846	2.10	<0.01
ZZ86250		0.94	45.4	3.52	5.99	0.05	<0.02	0.09	0.029	0.06	16.1	16.8	0.54	548	4.54	<0.01
ZZ86251		0.43	28.8	4.29	4.27	0.05	<0.02	0.07	0.026	0.08	18.5	4.8	0.12	103	6.32	0.02
ZZ86252		0.79	33.1	3.06	4.47	0.05	<0.02	0.04	0.019	0.06	15.3	12.9	0.37	259	2.67	0.01
ZZ86253		0.83	31.4	3.23	5.94	0.05	<0.02	0.03	0.020	0.09	16.5	11.2	0.53	384	2.44	0.01
ZZ86254		1.38	72.6	4.16	6.45	0.06	<0.02	0.03	0.032	0.08	18.3	24.3	0.97	1510	1.75	<0.01
ZZ86255		2.02	77.0	4.17	7.00	0.06	0.02	0.04	0.033	0.16	21.4	23.0	1.10	1080	2.77	0.01
ZZ86256		1.41	29.2	4.50	8.31	0.06	0.03	0.02	0.030	0.10	19.5	21.9	1.29	710	1.90	<0.01

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

Finalized Date: 28- AUG- 2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145824

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ86217		0.21	28.4	1840	14.0	24.3	<0.001	0.05	0.82	0.9	1.8	0.3	69.9	<0.01	0.17	0.2
ZZ86218		0.31	17.3	780	9.9	12.0	<0.001	0.02	0.62	0.6	0.6	0.4	10.7	<0.01	0.06	<0.2
ZZ86219		1.07	17.0	1030	12.7	16.9	<0.001	0.04	0.74	1.0	0.6	0.5	14.5	<0.01	0.07	<0.2
ZZ86220		2.68	19.8	670	28.8	14.5	<0.001	0.02	0.79	2.8	0.5	0.7	10.2	<0.01	0.06	1.3
ZZ86221		1.96	21.2	310	14.6	9.6	<0.001	0.02	0.68	2.7	0.5	0.6	10.1	<0.01	0.05	1.1
ZZ86222		1.15	15.7	1280	16.5	14.5	<0.001	0.02	0.66	1.9	0.8	0.6	13.7	<0.01	0.08	0.9
ZZ86223		0.60	18.8	1090	14.1	17.4	<0.001	0.03	0.84	0.8	1.0	0.5	12.8	<0.01	0.08	<0.2
ZZ86224		0.56	59.9	450	25.0	20.9	<0.001	0.02	1.32	2.2	1.3	0.2	23.0	<0.01	0.20	3.8
ZZ86225		1.43	47.7	590	15.5	30.5	<0.001	0.06	1.01	2.1	1.8	0.3	28.2	<0.01	0.13	2.4
ZZ86226		1.22	32.0	400	15.5	29.1	<0.001	0.07	0.84	2.2	2.3	0.3	19.9	<0.01	0.13	2.0
ZZ86227		0.79	57.4	550	21.9	28.1	<0.001	0.22	1.44	2.4	3.9	0.2	48.6	<0.01	0.22	3.4
ZZ86228		0.43	28.6	710	21.3	30.4	0.001	0.21	2.30	1.6	5.4	0.2	56.7	<0.01	0.23	2.2
ZZ86229		0.31	25.7	820	29.8	26.7	<0.001	0.41	5.01	3.4	5.7	0.2	113.5	<0.01	0.35	4.4
ZZ86230		0.31	22.7	850	21.7	27.0	<0.001	0.27	1.91	1.3	2.5	0.2	73.7	<0.01	0.23	2.7
ZZ86231		0.32	20.3	1090	26.5	22.0	<0.001	0.34	3.02	1.0	4.7	0.3	85.4	<0.01	0.26	1.1
ZZ86232		0.29	27.6	1660	32.9	10.8	<0.001	0.18	3.56	0.7	7.4	0.3	110.0	<0.01	0.29	0.5
ZZ86233		0.44	42.1	800	18.7	10.7	<0.001	0.09	0.98	0.9	2.1	0.3	46.2	<0.01	0.14	0.7
ZZ86234		0.81	57.1	1180	28.5	6.8	<0.001	0.22	1.87	1.7	7.2	0.3	51.6	0.01	0.22	1.7
ZZ86235		0.56	27.1	930	20.7	10.0	<0.001	0.06	1.01	1.0	2.0	0.4	28.9	<0.01	0.14	0.5
ZZ86236		0.70	28.6	930	23.3	9.2	<0.001	0.08	1.38	1.3	3.4	0.4	36.8	<0.01	0.12	1.0
ZZ86237		0.18	23.6	1170	24.3	11.4	<0.001	0.10	0.85	0.3	1.8	0.4	42.4	<0.01	0.12	<0.2
ZZ86238		0.19	28.2	1690	19.3	7.3	<0.001	0.02	0.59	1.2	1.1	0.2	27.6	<0.01	0.08	1.4
ZZ86239		0.74	32.7	1310	23.9	9.8	<0.001	0.02	0.68	2.2	1.0	0.4	28.3	<0.01	0.11	2.4
ZZ86240		0.11	24.7	2930	16.5	12.9	<0.001	0.04	0.71	0.3	1.0	0.4	66.4	<0.01	0.15	<0.2
ZZ86241		0.30	16.9	1360	14.3	11.2	<0.001	0.04	0.41	0.3	0.5	0.4	23.0	<0.01	0.06	<0.2
ZZ86242		2.06	30.6	1040	18.2	12.3	<0.001	0.07	0.81	1.5	1.2	0.4	31.4	<0.01	0.17	0.7
ZZ86243		0.98	24.3	940	16.7	10.6	<0.001	0.06	0.73	0.7	1.0	0.5	29.5	<0.01	0.13	0.2
ZZ86244		2.22	36.6	610	14.9	11.9	<0.001	0.02	0.66	2.4	0.9	0.6	16.0	0.01	0.06	1.0
ZZ86245		2.95	22.5	640	15.4	11.9	<0.001	0.03	0.67	2.4	0.7	0.6	16.7	0.01	0.06	3.4
ZZ86246		1.21	37.8	1110	22.5	10.9	<0.001	0.06	1.18	1.7	1.3	0.4	54.9	<0.01	0.24	1.9
ZZ86247		2.62	22.3	370	19.0	15.8	<0.001	0.01	0.51	2.4	0.6	0.6	8.4	0.01	0.06	3.1
ZZ86248		0.62	17.2	810	20.0	12.9	<0.001	0.04	0.47	0.4	0.3	0.4	12.7	<0.01	0.04	<0.2
ZZ86249		5.25	40.7	1960	14.0	13.9	<0.001	0.04	0.68	2.9	0.9	0.5	50.1	0.01	0.08	1.7
ZZ86250		1.83	30.6	1080	14.8	11.5	<0.001	0.02	0.97	2.4	1.4	0.5	25.7	<0.01	0.07	1.1
ZZ86251		0.39	7.5	1480	22.7	8.9	<0.001	0.18	1.93	0.5	3.2	0.2	137.0	<0.01	0.18	0.8
ZZ86252		1.39	19.3	910	14.5	12.2	<0.001	0.09	0.73	1.2	0.8	0.3	59.9	<0.01	0.08	0.8
ZZ86253		2.81	18.8	1030	16.7	19.6	<0.001	0.07	0.51	1.5	0.7	0.4	30.6	0.01	0.06	0.7
ZZ86254		2.61	39.5	1480	19.4	11.2	<0.001	0.03	0.56	3.6	0.9	0.5	35.6	<0.01	0.22	1.4
ZZ86255		3.57	38.3	1800	18.9	21.6	<0.001	0.07	0.57	2.7	1.3	0.5	48.6	<0.01	0.11	0.9
ZZ86256		5.53	33.8	1010	15.5	17.6	<0.001	0.03	0.50	4.5	1.0	0.6	24.5	<0.01	0.05	2.9

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Project: RAU

CERTIFICATE OF ANALYSIS WH13145824

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
ZZ86217		0.030	0.24	1.93	49	0.16	6.29	102	<0.5
ZZ86218		0.023	0.10	0.73	44	0.24	2.37	62	<0.5
ZZ86219		0.040	0.12	0.99	46	0.17	2.33	62	<0.5
ZZ86220		0.076	0.15	0.94	63	0.27	4.02	109	<0.5
ZZ86221		0.053	0.14	0.71	59	0.27	3.60	67	<0.5
ZZ86222		0.047	0.12	0.79	52	0.46	3.13	64	<0.5
ZZ86223		0.026	0.14	0.87	50	0.15	2.19	64	<0.5
ZZ86224		0.070	0.34	1.95	22	0.07	5.34	113	1.8
ZZ86225		0.089	0.27	0.96	44	0.13	2.36	154	1.2
ZZ86226		0.086	0.25	1.12	54	0.13	2.63	106	1.2
ZZ86227		0.068	0.32	2.01	64	0.10	3.29	187	4.7
ZZ86228		0.060	0.36	2.17	68	0.07	2.39	170	1.7
ZZ86229		0.037	0.56	10.00	70	0.14	5.10	146	21.5
ZZ86230		0.029	0.37	2.94	40	0.09	2.22	127	0.9
ZZ86231		0.024	0.33	2.74	61	0.11	2.32	149	0.5
ZZ86232		0.016	0.16	2.51	50	0.10	2.11	198	0.6
ZZ86233		0.020	0.10	1.24	31	0.12	2.29	185	<0.5
ZZ86234		0.026	0.08	2.26	35	0.13	3.17	261	1.2
ZZ86235		0.022	0.10	0.93	42	0.16	2.45	114	<0.5
ZZ86236		0.026	0.11	1.13	41	0.16	2.61	136	<0.5
ZZ86237		0.012	0.07	1.01	35	0.11	1.91	121	<0.5
ZZ86238		0.009	0.06	1.90	19	0.09	8.02	86	<0.5
ZZ86239		0.019	0.09	1.58	34	0.18	5.62	94	<0.5
ZZ86240		0.010	0.07	1.92	34	0.13	7.07	130	<0.5
ZZ86241		0.016	0.08	0.87	35	0.14	1.92	63	<0.5
ZZ86242		0.059	0.08	1.53	49	0.19	3.14	91	0.5
ZZ86243		0.031	0.07	1.58	48	0.16	2.17	91	<0.5
ZZ86244		0.062	0.09	1.55	58	0.23	3.80	107	<0.5
ZZ86245		0.056	0.13	1.15	54	0.23	2.81	115	1.7
ZZ86246		0.022	0.08	1.57	35	0.14	3.41	99	<0.5
ZZ86247		0.066	0.12	0.66	51	0.23	2.17	62	0.5
ZZ86248		0.028	0.07	0.43	32	0.11	1.76	69	<0.5
ZZ86249		0.192	0.11	1.28	84	0.26	5.35	90	1.0
ZZ86250		0.059	0.11	2.31	66	0.23	4.83	99	<0.5
ZZ86251		0.011	0.08	0.59	35	0.06	1.50	81	<0.5
ZZ86252		0.034	0.12	0.86	34	0.17	1.97	74	<0.5
ZZ86253		0.094	0.09	0.74	53	0.17	2.52	79	0.5
ZZ86254		0.129	0.07	2.25	67	0.17	8.23	90	0.6
ZZ86255		0.146	0.15	2.75	89	0.18	9.03	87	0.7
ZZ86256		0.224	0.11	0.99	92	0.25	6.14	81	1.2

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

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

Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145824

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ86257		0.45	0.001	0.18	2.14	12.3	<0.2	<10	130	0.58	0.23	0.22	0.26	34.5	17.4	51
ZZ86310		0.47	0.018	2.68	1.48	14.6	<0.2	<10	330	0.24	0.40	0.02	0.30	30.0	7.6	42
ZZ86311		0.42	0.065	7.80	0.81	66.4	<0.2	<10	200	0.13	0.81	0.01	1.12	12.80	1.4	78
ZZ86312		0.49	0.044	2.53	0.89	21.7	<0.2	<10	360	0.17	0.78	0.07	0.78	29.3	6.2	22
ZZ86313		0.49	0.015	2.54	1.03	24.1	<0.2	<10	580	0.34	0.46	0.08	0.35	38.6	4.1	21
ZZ86314		0.44	0.033	2.30	1.11	46.3	<0.2	<10	220	0.26	0.59	0.01	0.31	29.6	4.9	29
ZZ86315		0.59	0.048	1.81	1.74	237	<0.2	<10	620	0.24	0.70	0.07	0.75	23.9	8.5	40
ZZ86316		0.47	0.015	2.31	1.35	130.0	<0.2	<10	300	0.12	0.30	0.01	0.08	18.50	11.4	29
ZZ86317		0.48	0.084	5.76	1.00	54.1	<0.2	<10	380	0.25	0.99	0.02	0.28	34.7	4.3	21
ZZ86318		0.42	0.009	1.03	1.52	19.6	<0.2	<10	220	0.60	0.30	0.08	0.87	29.4	9.9	24
ZZ86319		0.49	0.021	1.23	1.38	27.1	<0.2	<10	240	0.25	0.43	0.02	0.76	32.0	17.9	25
ZZ86320		0.51	0.084	2.77	1.13	28.2	<0.2	<10	260	0.43	0.73	0.04	0.64	41.5	10.3	28
ZZ86321		0.50	0.003	0.32	1.17	13.0	<0.2	<10	70	0.23	0.24	0.04	0.17	21.0	3.6	16
ZZ86322		0.34	0.005	0.22	1.64	15.2	<0.2	<10	260	0.63	0.37	0.38	0.36	28.5	9.9	25
ZZ86323		0.31	0.001	0.10	1.09	21.3	<0.2	<10	170	0.36	0.44	0.31	0.48	22.6	8.4	18
ZZ86324		0.38	0.009	0.56	1.25	20.4	<0.2	<10	250	0.59	0.37	1.16	0.59	29.8	11.2	22
ZZ86325		0.48	0.003	0.20	0.83	32.2	<0.2	<10	200	0.37	0.50	0.20	0.41	28.4	9.1	13
ZZ86326		0.40	0.002	0.07	0.89	18.5	<0.2	<10	140	0.30	0.29	0.05	0.24	29.4	8.0	12
ZZ86327		0.32	0.004	0.30	1.26	14.6	<0.2	<10	260	0.60	0.34	0.43	0.59	23.4	8.2	21
ZZ86328		0.35	0.008	0.17	1.10	13.9	<0.2	<10	160	0.38	0.33	0.06	0.47	23.3	6.5	18
ZZ86329		0.20	0.013	0.53	1.39	33.0	<0.2	<10	280	0.46	0.34	0.24	0.38	21.9	9.4	24
ZZ86330		0.39	0.004	0.13	1.31	24.6	<0.2	<10	70	0.31	0.35	0.07	0.25	28.7	20.3	21
ZZ86331		0.44	0.003	0.10	1.21	33.0	<0.2	<10	100	0.29	0.46	0.13	0.14	31.7	15.8	17
ZZ86332		0.35	0.003	0.09	1.41	22.1	<0.2	<10	100	0.39	0.36	0.07	0.42	19.60	11.1	21
ZZ86333		0.43	0.003	0.30	0.91	15.4	<0.2	<10	150	0.33	0.30	0.13	0.74	18.35	10.7	12
ZZ86334		0.29	0.001	0.16	0.34	11.6	<0.2	<10	70	0.10	0.17	0.07	0.39	8.85	3.9	7
ZZ86335		0.40	0.002	0.18	1.78	17.4	<0.2	<10	200	0.53	0.31	0.15	0.45	25.3	11.0	28
ZZ86336		0.42	0.003	0.50	0.66	16.7	<0.2	<10	90	0.13	0.24	0.02	0.15	32.8	6.0	10
ZZ86337		0.44	0.011	1.01	1.55	16.1	<0.2	<10	150	0.39	0.36	0.08	0.34	37.7	6.6	23
ZZ86338		0.35	0.012	1.02	1.39	17.6	<0.2	<10	140	0.42	0.29	0.08	0.69	31.1	9.8	20
ZZ86339		0.43	0.005	0.40	0.89	13.3	<0.2	<10	120	0.22	0.30	0.06	0.40	24.5	4.4	15
ZZ86340		0.47	0.002	0.16	1.34	17.0	<0.2	<10	150	0.48	0.69	0.12	0.25	36.1	10.2	21
ZZ86341		0.29	0.001	0.24	1.24	12.8	<0.2	<10	130	0.29	0.29	0.10	0.70	21.5	6.0	19
ZZ86342		0.41	0.009	0.13	1.70	27.0	<0.2	<10	300	0.79	0.41	0.32	1.58	61.0	29.0	21
ZZ86343		0.45	0.009	0.17	0.93	18.6	<0.2	<10	100	0.30	0.30	0.08	0.33	29.7	8.9	18
ZZ86344		0.39	0.006	0.52	1.55	18.1	<0.2	<10	200	0.73	0.30	0.09	0.60	36.6	13.9	26
ZZ86345		0.37	0.005	0.12	1.78	16.8	<0.2	<10	180	0.59	0.32	0.07	0.28	30.3	13.0	29
ZZ86346		0.37	0.006	0.75	1.44	16.2	<0.2	<10	200	0.51	0.28	0.09	0.39	28.4	9.7	24
ZZ86347		0.46	0.008	0.22	1.73	25.7	<0.2	<10	300	0.79	0.37	0.14	0.19	35.4	13.9	29
ZZ86348		0.37	0.002	0.44	1.12	27.1	<0.2	<10	230	0.41	0.33	0.30	0.57	22.7	4.9	18

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ86257		1.53	21.5	4.29	9.06	0.05	0.03	0.04	0.024	0.08	16.9	19.4	1.09	711	1.59	<0.01
ZZ86310		6.31	97.6	4.29	5.39	0.08	0.09	0.02	0.033	0.28	15.0	15.1	0.71	171	10.00	<0.01
ZZ86311		5.39	151.5	11.35	4.73	0.22	0.22	0.07	0.081	0.52	8.3	4.9	0.26	75	43.6	0.01
ZZ86312		2.26	117.5	7.03	2.58	0.16	0.09	0.11	0.059	0.12	15.8	4.3	0.26	169	20.5	<0.01
ZZ86313		1.84	37.8	3.54	3.30	0.11	0.06	0.12	0.037	0.16	19.7	7.7	0.33	450	26.7	<0.01
ZZ86314		4.99	97.7	4.57	4.85	0.08	0.14	0.08	0.049	0.22	15.7	11.1	0.51	175	17.00	0.01
ZZ86315		12.05	243	6.38	6.67	0.18	0.31	0.25	0.067	0.49	12.8	22.2	1.31	188	52.1	<0.01
ZZ86316		11.20	130.0	4.41	5.18	0.12	0.03	0.11	0.035	0.44	9.4	13.1	0.98	121	3.53	<0.01
ZZ86317		1.23	160.0	4.03	3.57	0.08	0.19	0.32	0.067	0.13	18.6	5.8	0.15	145	60.4	0.03
ZZ86318		0.80	33.5	2.94	3.92	0.06	0.06	0.07	0.031	0.05	15.5	13.8	0.34	333	2.87	<0.01
ZZ86319		11.95	176.0	4.08	4.46	0.10	0.08	0.03	0.030	0.29	16.2	17.7	0.64	397	4.51	0.01
ZZ86320		0.80	168.5	5.01	3.78	0.09	0.03	0.07	0.057	0.07	21.6	9.4	0.20	287	17.10	0.05
ZZ86321		0.64	27.5	2.45	5.08	<0.05	<0.02	0.04	0.018	0.03	10.8	14.5	0.14	88	2.24	<0.01
ZZ86322		1.03	17.3	3.58	5.08	<0.05	<0.02	0.05	0.055	0.03	12.6	16.9	0.35	1340	1.42	<0.01
ZZ86323		0.89	17.7	2.86	4.59	<0.05	<0.02	0.04	0.033	0.03	10.4	15.2	0.27	535	1.34	<0.01
ZZ86324		0.65	60.9	3.30	3.69	<0.05	0.07	0.09	0.045	0.05	16.4	16.4	0.88	1040	3.25	0.01
ZZ86325		0.49	42.3	2.72	2.39	0.05	0.03	0.05	0.025	0.05	14.1	11.5	0.24	1320	1.34	<0.01
ZZ86326		0.63	23.2	2.48	2.77	<0.05	<0.02	0.03	0.022	0.04	13.3	15.7	0.19	883	1.06	<0.01
ZZ86327		0.73	21.5	2.77	4.33	<0.05	<0.02	0.07	0.044	0.04	11.9	12.0	0.34	713	1.50	<0.01
ZZ86328		0.93	31.6	2.98	4.95	0.07	0.02	0.04	0.032	0.03	11.2	11.6	0.18	315	2.09	<0.01
ZZ86329		1.45	71.9	3.19	4.46	0.10	0.15	0.20	0.035	0.06	12.4	16.9	0.41	429	9.77	0.01
ZZ86330		0.91	43.9	3.70	4.01	<0.05	0.02	0.03	0.024	0.06	14.3	20.1	0.40	1320	1.76	<0.01
ZZ86331		0.71	51.2	3.31	3.56	0.05	0.04	0.03	0.016	0.05	15.8	19.1	0.42	709	1.60	<0.01
ZZ86332		0.71	38.3	3.80	4.55	<0.05	0.02	0.05	0.031	0.04	9.9	29.0	0.36	997	2.27	<0.01
ZZ86333		0.65	41.4	2.38	3.26	<0.05	<0.02	0.06	0.024	0.03	8.9	11.3	0.10	2140	2.27	<0.01
ZZ86334		0.50	39.9	0.98	1.78	<0.05	<0.02	0.07	0.015	0.03	4.1	0.9	0.02	442	1.85	<0.01
ZZ86335		1.00	28.8	3.61	5.59	<0.05	<0.02	0.04	0.039	0.04	11.8	20.7	0.40	720	1.81	<0.01
ZZ86336		0.85	23.7	2.04	3.16	<0.05	<0.02	0.05	0.016	0.04	15.8	5.7	0.09	223	1.86	<0.01
ZZ86337		1.04	48.2	2.74	4.83	0.05	0.03	0.06	0.031	0.05	20.1	11.6	0.31	265	5.55	0.01
ZZ86338		0.61	73.4	3.12	3.13	<0.05	0.03	0.06	0.027	0.05	15.7	13.6	0.24	403	3.03	0.01
ZZ86339		0.75	37.9	2.60	5.07	0.09	0.07	0.07	0.019	0.04	12.8	7.1	0.13	254	2.87	<0.01
ZZ86340		0.63	20.3	2.53	3.68	0.05	0.02	0.06	0.028	0.05	15.0	15.3	0.33	646	0.87	<0.01
ZZ86341		0.67	13.6	2.63	5.78	<0.05	<0.02	0.05	0.021	0.04	10.3	13.3	0.23	585	1.59	<0.01
ZZ86342		0.92	92.9	3.73	3.43	0.09	0.06	0.03	0.028	0.04	23.9	24.5	0.30	1100	2.19	<0.01
ZZ86343		0.61	40.4	3.10	3.53	0.05	<0.02	0.04	0.025	0.04	15.4	9.0	0.17	478	4.31	<0.01
ZZ86344		0.61	55.0	3.26	3.55	0.05	0.07	0.10	0.041	0.06	16.8	14.9	0.43	729	2.14	0.01
ZZ86345		0.84	29.6	3.11	4.67	<0.05	0.02	0.05	0.039	0.05	13.3	16.4	0.46	552	1.58	<0.01
ZZ86346		0.72	43.9	2.92	3.95	<0.05	<0.02	0.08	0.033	0.05	12.8	14.6	0.36	272	1.78	0.01
ZZ86347		0.89	39.5	3.31	4.71	0.05	0.04	0.05	0.051	0.07	16.8	17.5	0.57	868	1.83	<0.01
ZZ86348		1.03	34.0	2.37	5.06	<0.05	<0.02	0.06	0.037	0.04	11.7	9.4	0.20	284	2.01	<0.01

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	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ86257		6.12	27.9	1190	14.4	18.4	<0.001	0.02	0.43	3.8	0.3	0.6	20.7	0.01	0.05	3.5
ZZ86310		0.69	25.9	320	18.9	47.0	<0.001	0.10	1.82	2.3	3.2	0.3	33.2	<0.01	0.28	3.2
ZZ86311		0.53	12.3	1740	77.8	59.2	0.001	0.86	7.57	2.2	50.9	0.2	194.5	<0.01	0.89	1.9
ZZ86312		0.09	47.6	990	44.2	12.6	0.001	0.14	7.20	1.9	8.0	0.2	59.1	<0.01	0.24	3.9
ZZ86313		0.24	22.3	570	28.6	18.6	0.001	0.20	4.99	2.0	5.4	0.3	41.5	<0.01	0.23	3.1
ZZ86314		0.46	19.8	600	28.2	27.4	<0.001	0.18	4.53	1.9	7.2	0.2	28.8	<0.01	0.24	4.6
ZZ86315		0.17	42.8	1170	39.3	55.0	0.001	0.19	4.82	3.0	6.1	0.2	64.4	<0.01	0.36	3.7
ZZ86316		0.36	53.3	520	16.6	48.0	0.001	0.44	2.73	2.0	8.3	0.2	34.1	<0.01	0.13	1.8
ZZ86317		0.31	30.1	800	54.1	14.6	<0.001	0.31	6.39	2.1	10.1	0.2	31.0	<0.01	0.29	5.3
ZZ86318		0.96	28.6	640	17.7	7.7	0.001	0.04	1.40	2.9	3.0	0.4	18.5	0.01	0.11	2.5
ZZ86319		1.02	65.5	460	21.1	46.5	0.001	0.08	1.09	2.3	3.1	0.2	21.9	<0.01	0.12	3.5
ZZ86320		0.46	42.7	990	36.7	7.4	0.001	0.24	2.83	1.8	9.0	0.3	57.8	<0.01	0.26	2.2
ZZ86321		1.33	14.0	290	13.7	5.7	<0.001	0.01	0.73	1.4	0.5	0.5	6.7	<0.01	0.04	1.7
ZZ86322		0.82	18.4	920	38.8	6.8	<0.001	0.03	0.78	1.8	0.6	0.6	14.1	0.01	0.06	0.7
ZZ86323		0.88	14.3	750	35.8	7.6	0.001	0.03	0.72	1.5	0.4	0.4	11.3	0.01	0.05	0.8
ZZ86324		0.54	33.7	940	39.3	6.4	<0.001	0.04	1.17	2.9	1.4	0.4	28.2	<0.01	0.06	1.4
ZZ86325		0.36	28.5	640	26.7	6.0	<0.001	0.02	0.52	1.7	0.7	0.2	15.6	<0.01	0.09	1.3
ZZ86326		0.35	19.9	700	14.9	6.5	<0.001	0.02	0.40	0.6	0.3	0.2	6.8	<0.01	0.05	0.5
ZZ86327		0.56	19.1	1070	35.6	7.0	0.001	0.07	0.73	1.6	0.8	0.5	17.5	<0.01	0.04	0.3
ZZ86328		0.79	17.3	570	26.4	7.9	<0.001	0.03	0.75	1.3	0.5	0.5	11.1	0.01	0.06	0.4
ZZ86329		0.94	33.4	1400	22.8	11.5	0.001	0.10	1.02	2.1	2.3	0.4	54.1	0.02	0.06	1.0
ZZ86330		0.40	31.8	1190	26.7	7.8	<0.001	0.02	0.60	0.9	0.6	0.2	15.9	<0.01	0.07	1.1
ZZ86331		0.39	36.2	890	23.1	5.2	<0.001	0.02	0.55	1.4	0.6	<0.2	21.6	<0.01	0.07	3.1
ZZ86332		0.41	28.5	1140	23.8	6.6	<0.001	0.04	0.57	0.9	0.6	0.2	13.8	<0.01	0.09	0.6
ZZ86333		0.15	20.7	2470	17.6	5.0	<0.001	0.08	0.69	0.1	0.8	0.3	23.5	<0.01	0.06	<0.2
ZZ86334		0.13	11.5	1970	7.9	3.1	<0.001	0.08	0.29	0.1	0.5	0.2	11.3	<0.01	0.04	<0.2
ZZ86335		0.74	26.0	950	23.8	6.4	<0.001	0.03	0.67	1.9	0.6	0.5	16.5	<0.01	0.06	0.6
ZZ86336		0.59	15.4	410	10.5	7.2	<0.001	0.02	0.49	0.8	0.7	0.3	5.9	<0.01	0.04	0.9
ZZ86337		0.77	17.7	750	18.8	7.9	<0.001	0.05	1.08	1.9	1.9	0.5	22.5	0.01	0.12	1.0
ZZ86338		0.78	31.6	690	15.4	6.4	<0.001	0.05	0.98	1.6	1.5	0.3	21.2	0.01	0.09	1.6
ZZ86339		1.30	14.0	520	14.6	9.4	<0.001	0.04	0.74	1.4	0.6	0.5	15.0	0.04	0.09	0.9
ZZ86340		0.76	28.0	570	28.5	6.9	<0.001	0.02	0.60	2.2	0.7	0.4	11.1	<0.01	0.05	1.6
ZZ86341		1.13	13.9	500	15.7	6.7	<0.001	0.03	0.59	1.4	0.6	0.5	9.9	0.01	0.03	0.6
ZZ86342		0.44	53.3	5180	22.8	9.1	<0.001	0.02	0.74	1.9	2.3	0.2	35.9	<0.01	0.09	3.2
ZZ86343		1.00	25.9	800	13.7	6.7	0.001	0.03	0.85	1.4	1.0	0.3	16.3	<0.01	0.09	1.4
ZZ86344		0.86	42.4	550	29.2	7.3	<0.001	0.02	0.97	3.2	0.9	0.3	16.3	<0.01	0.05	3.3
ZZ86345		1.34	33.2	410	32.9	7.7	<0.001	0.02	0.82	2.8	0.7	0.5	9.8	0.01	0.04	1.9
ZZ86346		0.89	29.3	540	16.0	7.1	<0.001	0.05	0.89	2.0	0.8	0.4	25.7	<0.01	0.07	1.0
ZZ86347		0.77	36.3	740	43.3	9.7	<0.001	0.02	0.99	3.4	1.0	0.5	18.0	<0.01	0.07	1.9
ZZ86348		0.51	16.9	920	26.0	9.6	<0.001	0.05	0.77	0.7	0.8	0.5	18.8	<0.01	0.07	<0.2

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

Finalized Date: 28- AUG- 2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145824

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
ZZ86257		0.260	0.10	0.59	96	0.30	4.06	78	1.4
ZZ86310		0.106	0.64	2.18	85	0.06	2.50	110	5.3
ZZ86311		0.132	0.81	3.14	301	0.09	2.57	305	20.4
ZZ86312		0.013	0.44	2.73	50	0.12	4.05	305	7.4
ZZ86313		0.027	0.42	3.28	66	0.20	4.55	103	3.0
ZZ86314		0.047	0.55	3.34	67	0.09	2.89	116	9.2
ZZ86315		0.092	1.17	6.93	102	0.05	3.67	266	20.8
ZZ86316		0.069	0.95	1.07	39	<0.05	2.42	105	1.7
ZZ86317		0.013	0.37	11.95	58	0.11	3.58	205	12.5
ZZ86318		0.028	0.14	1.24	39	0.18	4.33	105	2.2
ZZ86319		0.079	0.54	1.67	31	0.05	3.37	172	4.8
ZZ86320		0.019	0.10	3.57	44	0.12	5.18	241	1.7
ZZ86321		0.027	0.10	0.49	52	0.30	1.74	52	<0.5
ZZ86322		0.022	0.14	0.69	49	0.20	6.65	96	<0.5
ZZ86323		0.024	0.11	0.47	44	0.20	3.00	72	<0.5
ZZ86324		0.018	0.09	1.54	37	0.21	12.95	116	2.0
ZZ86325		0.013	0.06	0.93	22	0.11	7.69	95	0.7
ZZ86326		0.012	0.06	0.45	20	0.12	2.96	70	<0.5
ZZ86327		0.019	0.10	0.79	47	0.21	8.30	106	<0.5
ZZ86328		0.023	0.10	0.64	53	0.26	2.52	75	1.4
ZZ86329		0.017	0.19	3.04	41	0.20	9.84	113	3.0
ZZ86330		0.012	0.05	1.07	23	0.12	3.76	86	0.5
ZZ86331		0.011	0.04	1.22	18	0.08	5.07	91	1.2
ZZ86332		0.012	0.06	1.08	29	0.16	3.19	95	0.5
ZZ86333		<0.005	0.06	1.69	27	0.13	7.02	101	<0.5
ZZ86334		<0.005	0.03	1.04	14	0.06	4.22	41	<0.5
ZZ86335		0.025	0.13	0.76	54	0.25	4.34	109	<0.5
ZZ86336		0.016	0.11	0.59	25	0.14	1.53	56	<0.5
ZZ86337		0.029	0.11	2.04	44	0.21	5.91	88	1.0
ZZ86338		0.026	0.08	1.23	34	0.30	3.93	113	1.1
ZZ86339		0.031	0.12	0.86	45	0.26	1.94	63	2.7
ZZ86340		0.031	0.09	0.58	37	0.21	5.62	80	<0.5
ZZ86341		0.034	0.10	0.47	57	0.24	3.08	61	<0.5
ZZ86342		0.012	0.10	4.45	29	0.17	21.6	148	1.6
ZZ86343		0.032	0.08	1.17	38	0.35	3.66	84	<0.5
ZZ86344		0.023	0.10	1.12	41	0.27	7.12	117	1.7
ZZ86345		0.035	0.12	0.68	50	0.25	4.54	96	0.6
ZZ86346		0.030	0.10	0.87	43	0.27	4.73	81	<0.5
ZZ86347		0.020	0.15	1.03	49	0.24	10.75	103	1.2
ZZ86348		0.025	0.14	1.05	57	0.23	8.29	59	<0.5

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145824

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ86349		0.33	0.002	0.48	2.09	12.5	<0.2	<10	160	0.42	0.33	0.17	0.42	18.35	7.9	24
ZZ86350		0.36	0.001	0.23	1.67	13.4	<0.2	<10	180	0.45	0.24	0.19	0.27	24.9	8.1	23
ZZ86351		0.49	0.017	1.53	0.53	30.5	<0.2	<10	190	0.15	0.34	0.03	0.58	41.7	3.4	12
ZZ86352		0.49	0.005	0.32	0.92	12.2	<0.2	<10	140	0.24	0.26	0.07	0.30	41.3	4.2	17
ZZ86353		0.41	0.013	0.91	0.82	14.1	<0.2	<10	250	0.40	0.22	0.03	0.22	50.8	3.4	14
ZZ86354		0.45	0.004	0.10	0.90	3.8	<0.2	<10	100	0.22	0.17	0.03	0.11	20.5	3.0	14
ZZ86355		0.33	0.009	0.19	1.20	11.8	<0.2	<10	220	0.27	0.24	0.19	0.21	25.0	7.5	33
ZZ86356		0.44	0.004	0.30	2.13	14.4	<0.2	<10	170	0.84	0.20	0.15	0.23	36.7	19.4	54
ZZ86357		0.39	0.004	0.18	1.71	13.5	<0.2	<10	130	0.53	0.25	0.06	0.15	27.0	11.7	31
ZZ86358		0.32	0.003	0.08	1.23	11.9	<0.2	<10	80	0.39	0.20	0.07	0.17	21.2	8.1	21
ZZ86359		0.36	0.002	0.08	2.27	13.0	<0.2	<10	120	0.74	0.22	0.18	0.16	33.2	19.4	58
ZZ86360		0.35	0.004	0.10	2.36	12.9	<0.2	<10	100	0.69	0.22	0.22	0.27	32.0	17.2	58
ZZ86361		0.30	0.002	0.05	2.80	18.2	<0.2	<10	110	0.86	0.23	0.21	0.15	43.4	24.8	75
ZZ86362		0.40	0.004	0.10	2.96	7.5	<0.2	<10	190	1.13	0.14	0.53	0.26	51.8	28.9	59
ZZ86363		0.44	0.002	0.08	2.36	15.0	<0.2	<10	100	0.67	0.20	0.18	0.13	32.4	20.6	64
ZZ86364		0.42	0.003	0.15	2.36	14.5	<0.2	<10	120	0.72	0.23	0.10	0.22	32.0	15.3	42
ZZ86365		0.32	0.005	0.14	1.98	15.7	<0.2	<10	130	0.50	0.26	0.15	0.21	38.4	13.3	40
ZZ86366		0.43	0.006	0.23	2.65	9.9	<0.2	<10	400	0.78	0.53	0.59	10.60	27.1	29.5	43
ZZ86367		0.42	0.002	0.31	2.32	15.8	<0.2	<10	250	0.70	0.30	0.17	0.28	33.2	19.8	56
ZZ86368		0.47	0.004	0.28	3.54	33.6	<0.2	<10	410	1.21	0.12	1.04	0.29	46.6	41.1	151
ZZ86369		0.41	0.001	0.03	3.88	8.1	<0.2	<10	380	1.60	0.08	1.01	0.06	55.1	31.7	145
ZZ86370		0.44	0.001	0.02	4.34	9.5	<0.2	<10	490	2.49	0.07	1.29	0.07	58.9	41.3	179
ZZ86371		0.43	0.003	0.03	3.91	11.9	<0.2	<10	300	1.61	0.09	1.02	0.06	54.7	32.7	143
ZZ86372		0.27	0.001	0.42	1.47	12.6	<0.2	<10	120	0.38	0.31	0.08	0.16	26.0	8.7	26
ZZ86373		0.42	0.004	0.36	2.06	11.9	<0.2	<10	190	0.54	0.35	0.07	0.40	33.3	11.0	33
ZZ86374		0.36	<0.001	0.07	2.52	14.8	<0.2	<10	230	0.63	0.19	0.36	0.12	30.3	23.2	61
ZZ86375		0.36	0.002	1.99	1.84	9.6	<0.2	<10	110	0.40	0.24	0.14	0.78	23.2	20.8	49
ZZ86376		0.39	0.002	0.06	3.35	9.6	<0.2	<10	440	1.36	0.13	1.02	0.12	63.6	29.6	108
ZZ86377		0.43	0.001	0.02	3.88	9.0	<0.2	<10	410	1.74	0.07	1.26	0.06	55.6	36.0	190
ZZ86378		0.38	0.001	0.05	3.34	3.9	<0.2	<10	520	1.22	0.10	1.19	0.15	36.5	34.6	177
ZZ86379		0.48	0.001	0.02	3.71	3.1	<0.2	<10	430	1.50	0.06	1.09	0.10	39.2	33.9	83
ZZ86380		0.48	0.001	0.05	3.53	2.4	<0.2	<10	660	2.04	0.06	1.36	0.18	41.2	36.0	85
ZZ86381		0.41	0.001	0.01	4.14	2.3	<0.2	<10	630	1.73	0.06	1.25	0.06	44.3	35.8	166
ZZ86382		0.34	0.001	0.01	3.58	1.3	<0.2	<10	610	2.06	0.03	1.26	0.05	36.7	34.2	139
ZZ86383		0.31	0.004	0.29	2.50	3.3	<0.2	<10	320	0.38	0.32	0.73	0.67	59.0	24.0	70
ZZ86384		0.34	0.001	0.15	2.38	9.2	<0.2	<10	190	0.72	0.19	0.31	0.42	28.9	15.4	55
ZZ86385		0.19	0.004	0.27	1.83	13.1	<0.2	<10	300	0.55	0.31	0.58	0.17	35.3	15.1	34
ZZ86386		0.28	0.005	0.11	1.63	12.8	<0.2	<10	90	0.45	0.23	0.21	0.48	43.1	14.1	48
ZZ86387		0.33	0.006	0.08	1.25	8.0	<0.2	<10	70	0.24	0.13	0.08	0.14	19.25	7.3	18
ZZ86388		0.40	0.008	0.23	2.19	14.0	<0.2	<10	220	0.67	0.22	0.50	0.35	39.8	22.1	63

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ86349		1.18	19.4	3.42	5.41	<0.05	<0.02	0.08	0.039	0.03	7.8	6.5	0.12	768	2.01	<0.01
ZZ86350		1.06	12.2	3.13	6.09	<0.05	<0.02	0.04	0.033	0.03	11.7	15.2	0.42	297	1.23	<0.01
ZZ86351		0.68	46.5	2.29	2.32	0.08	0.02	0.82	0.048	0.06	24.8	1.9	0.04	176	50.9	0.01
ZZ86352		0.68	26.6	2.23	4.25	<0.05	<0.02	0.10	0.032	0.04	22.3	6.3	0.21	191	3.70	0.01
ZZ86353		0.34	40.4	2.76	3.00	0.07	0.04	0.18	0.033	0.08	27.7	7.2	0.19	108	4.76	0.04
ZZ86354		0.39	14.7	1.96	2.81	<0.05	<0.02	0.02	0.011	0.04	10.7	12.1	0.33	98	0.86	<0.01
ZZ86355		0.71	23.3	3.24	6.09	0.05	0.02	0.06	0.022	0.05	12.9	7.2	0.44	213	1.78	<0.01
ZZ86356		1.16	74.8	4.17	6.30	0.06	0.03	0.05	0.033	0.08	17.3	19.4	0.99	751	3.09	<0.01
ZZ86357		1.28	29.0	3.50	5.70	<0.05	0.02	0.04	0.025	0.07	13.8	20.5	0.57	363	1.91	<0.01
ZZ86358		2.83	23.6	3.01	4.21	<0.05	<0.02	0.03	0.017	0.09	11.3	16.0	0.41	337	1.57	0.01
ZZ86359		1.15	38.2	4.28	7.46	0.05	0.03	0.05	0.031	0.08	16.1	23.0	0.95	518	1.86	<0.01
ZZ86360		1.19	30.5	4.28	7.83	<0.05	0.04	0.05	0.033	0.06	14.8	28.1	0.98	510	1.79	<0.01
ZZ86361		1.17	35.2	4.30	7.73	0.05	0.06	0.04	0.034	0.08	20.3	29.0	1.18	735	1.24	<0.01
ZZ86362		1.10	69.9	4.97	10.65	0.07	0.07	0.01	0.031	0.16	26.2	25.8	1.75	705	1.53	<0.01
ZZ86363		1.00	56.4	4.35	9.41	0.05	0.07	0.03	0.036	0.06	14.1	24.8	1.07	785	1.58	<0.01
ZZ86364		1.10	37.3	3.22	5.54	0.05	0.06	0.04	0.035	0.06	15.4	18.3	0.60	480	1.67	<0.01
ZZ86365		0.81	23.5	3.55	6.21	<0.05	0.02	0.06	0.027	0.08	14.5	16.4	0.64	330	1.60	<0.01
ZZ86366		8.72	212	4.03	7.48	0.19	0.05	0.10	0.039	0.79	14.5	44.6	2.73	1720	14.45	<0.01
ZZ86367		1.35	34.2	4.39	7.59	0.05	0.03	0.04	0.033	0.08	15.9	18.9	0.89	4030	2.12	<0.01
ZZ86368		1.94	86.6	6.25	12.35	0.10	0.04	0.05	0.057	0.36	26.1	32.2	2.43	1140	1.22	<0.01
ZZ86369		2.02	44.0	6.66	15.70	0.13	0.03	0.01	0.030	0.31	28.9	29.6	2.77	938	1.24	<0.01
ZZ86370		2.42	53.5	7.47	18.00	0.14	0.05	0.01	0.035	0.69	31.7	33.8	3.35	1270	0.70	0.01
ZZ86371		1.52	22.0	6.15	14.65	0.08	0.03	0.01	0.038	0.17	27.3	29.3	2.78	946	0.59	0.01
ZZ86372		1.08	11.8	3.09	6.68	<0.05	<0.02	0.03	0.025	0.06	13.2	12.8	0.37	431	1.40	<0.01
ZZ86373		1.24	32.7	3.35	7.36	<0.05	0.02	0.03	0.027	0.06	15.8	13.9	0.42	662	3.02	<0.01
ZZ86374		3.54	12.8	4.85	11.85	0.06	0.04	0.02	0.040	0.17	14.3	21.1	1.20	1000	1.62	<0.01
ZZ86375		1.75	21.8	3.58	8.87	<0.05	0.02	0.05	0.027	0.04	11.4	10.4	0.63	1180	4.04	<0.01
ZZ86376		1.59	40.1	6.06	13.20	0.11	0.02	0.02	0.041	0.30	35.0	24.7	2.30	1040	2.56	0.01
ZZ86377		1.79	54.2	6.54	15.25	0.14	0.02	<0.01	0.034	0.25	28.0	29.1	3.08	1080	0.52	0.01
ZZ86378		1.41	26.6	6.53	14.65	0.09	0.02	0.02	0.048	0.32	17.8	23.7	2.67	1400	0.71	0.02
ZZ86379		1.58	41.6	6.26	15.10	0.12	0.05	<0.01	0.036	0.46	18.4	31.2	3.30	844	0.68	<0.01
ZZ86380		1.98	50.1	7.03	15.70	0.13	0.04	0.01	0.052	0.63	21.1	30.4	3.02	1260	0.38	0.01
ZZ86381		1.37	29.7	7.20	16.65	0.12	0.03	0.01	0.044	0.24	21.9	31.9	3.48	1020	0.43	0.01
ZZ86382		2.16	21.4	5.99	15.40	0.14	0.02	0.01	0.010	0.49	18.7	36.0	3.32	915	0.28	0.01
ZZ86383		2.02	138.0	4.97	8.39	0.09	<0.02	0.03	0.028	0.27	31.1	22.0	1.65	723	4.80	0.01
ZZ86384		1.73	17.5	4.09	8.97	0.05	0.06	0.02	0.035	0.11	14.8	23.7	1.10	464	3.04	<0.01
ZZ86385		1.07	75.8	3.40	5.66	0.07	<0.02	0.04	0.025	0.07	24.4	22.0	0.66	892	3.89	<0.01
ZZ86386		0.97	33.1	3.83	7.04	0.06	0.02	0.03	0.030	0.06	20.8	16.9	0.82	552	2.14	<0.01
ZZ86387		6.85	30.2	2.63	3.86	0.08	<0.02	0.02	0.015	0.35	10.5	16.0	0.72	496	1.10	<0.01
ZZ86388		2.56	67.3	4.74	7.41	0.08	0.02	0.02	0.035	0.18	20.5	24.5	1.27	914	2.96	<0.01

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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: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145824

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ86349		1.19	14.3	910	26.0	6.3	<0.001	0.06	0.71	1.4	0.7	0.5	12.4	0.03	0.05	0.2
ZZ86350		1.23	15.5	590	17.6	6.7	<0.001	0.03	0.59	2.6	0.5	0.5	13.1	0.01	0.04	0.7
ZZ86351		0.09	23.2	1180	20.5	7.3	0.001	0.14	6.66	0.3	5.8	0.2	37.0	<0.01	0.17	0.2
ZZ86352		0.69	12.0	610	19.3	6.6	<0.001	0.05	1.42	1.0	1.1	0.4	15.3	<0.01	0.06	0.9
ZZ86353		0.41	10.9	780	13.8	6.8	<0.001	0.33	1.94	0.9	2.2	0.2	29.6	<0.01	0.08	1.7
ZZ86354		0.87	7.7	260	7.3	5.2	<0.001	0.06	0.61	0.9	0.4	0.2	11.3	<0.01	0.03	2.0
ZZ86355		4.63	19.6	1460	14.4	7.5	<0.001	0.07	0.67	1.5	0.8	0.5	27.8	0.01	0.07	0.5
ZZ86356		4.09	49.8	600	14.9	9.2	<0.001	0.07	0.70	4.2	1.0	0.4	25.4	0.01	0.06	1.8
ZZ86357		3.75	23.5	440	14.6	13.4	<0.001	0.04	0.60	2.4	0.5	0.4	17.5	0.01	0.07	2.1
ZZ86358		1.17	21.9	590	11.3	13.9	0.001	0.02	0.62	1.4	0.7	0.3	9.7	<0.01	0.05	1.2
ZZ86359		7.10	37.9	750	16.8	10.4	<0.001	0.04	0.62	3.5	0.6	0.5	21.5	0.02	0.06	2.7
ZZ86360		7.64	36.0	820	17.3	8.0	<0.001	0.03	0.67	3.6	0.7	0.6	20.9	0.03	0.06	3.0
ZZ86361		7.25	45.4	680	21.8	9.6	<0.001	0.03	0.57	3.9	0.9	0.4	16.6	0.04	0.04	6.4
ZZ86362		5.29	46.2	1770	10.3	13.4	<0.001	0.07	0.40	3.2	1.0	0.4	47.8	0.01	0.04	4.9
ZZ86363		11.40	41.5	420	15.7	8.7	<0.001	0.03	0.96	3.8	0.6	0.8	15.5	0.02	0.05	3.4
ZZ86364		3.98	32.2	360	14.8	10.6	<0.001	0.02	0.83	3.9	0.9	0.5	11.0	0.04	0.05	5.0
ZZ86365		4.57	27.3	610	21.4	10.1	<0.001	0.05	0.68	2.3	0.5	0.5	15.9	0.01	0.04	2.3
ZZ86366		1.37	113.5	2060	61.4	68.4	0.001	0.08	0.67	3.4	2.8	0.3	89.2	<0.01	0.22	4.4
ZZ86367		5.32	40.2	690	19.1	13.2	<0.001	0.03	0.68	3.9	0.8	0.6	23.0	0.04	0.09	3.6
ZZ86368		3.05	80.8	2010	11.7	29.5	<0.001	0.02	0.42	13.4	1.0	0.5	88.4	0.01	0.03	4.7
ZZ86369		5.07	55.0	2830	10.1	21.2	<0.001	0.02	0.22	5.6	0.6	0.7	84.6	0.02	0.03	3.2
ZZ86370		2.75	83.2	3680	8.4	54.4	<0.001	0.01	0.27	6.9	0.7	0.5	122.5	0.01	0.02	4.1
ZZ86371		4.40	69.9	2580	9.4	13.1	<0.001	0.01	0.28	6.4	0.6	0.5	78.1	0.01	0.02	5.0
ZZ86372		3.01	14.3	740	17.5	15.0	<0.001	0.02	0.53	1.8	0.4	0.6	9.3	<0.01	0.07	1.6
ZZ86373		3.14	17.0	600	17.5	16.4	<0.001	0.03	0.60	3.4	0.9	0.8	11.5	0.01	0.10	3.4
ZZ86374		8.50	26.6	980	13.6	54.7	<0.001	0.02	0.33	6.6	0.4	0.9	28.5	0.01	0.04	2.8
ZZ86375		7.07	20.8	1350	15.5	16.0	<0.001	0.03	0.56	2.6	0.9	0.8	12.5	0.01	0.05	1.4
ZZ86376		2.96	48.9	2620	14.5	26.4	<0.001	0.02	0.42	7.3	0.7	0.6	104.0	0.01	0.04	4.6
ZZ86377		3.26	79.6	3250	8.0	18.6	<0.001	0.01	0.23	5.3	0.6	0.5	105.5	0.01	0.01	3.4
ZZ86378		5.15	74.0	2810	10.9	22.5	<0.001	0.02	0.22	4.0	0.6	0.5	82.0	0.01	0.02	1.5
ZZ86379		2.98	44.8	2650	6.2	23.0	<0.001	0.01	0.24	4.2	0.4	0.6	71.8	0.01	0.02	2.6
ZZ86380		2.62	47.6	3440	8.8	36.8	<0.001	0.01	0.18	6.9	0.5	0.4	102.0	0.01	0.01	3.7
ZZ86381		5.68	68.4	2920	5.4	16.0	<0.001	0.02	0.18	5.2	0.5	0.6	88.2	0.02	0.01	3.1
ZZ86382		5.24	68.4	3000	2.9	33.4	<0.001	0.02	0.15	2.5	0.5	0.4	96.3	0.01	0.01	2.0
ZZ86383		1.30	87.2	2680	20.7	30.1	<0.001	0.16	0.58	2.3	2.2	0.3	103.5	<0.01	0.14	1.1
ZZ86384		8.88	27.1	820	14.8	13.8	<0.001	0.01	0.61	3.6	1.0	0.7	24.0	0.01	0.04	3.4
ZZ86385		1.64	32.9	970	19.7	11.4	<0.001	0.09	0.40	1.3	1.4	0.3	60.5	0.01	0.09	0.5
ZZ86386		7.08	30.8	910	15.1	10.5	<0.001	0.03	0.48	2.8	0.7	0.5	24.7	0.01	0.07	2.4
ZZ86387		2.23	21.6	700	7.2	41.5	<0.001	0.04	0.26	1.1	0.6	0.2	20.8	<0.01	0.05	0.5
ZZ86388		2.94	49.4	1980	16.4	22.3	<0.001	0.05	0.82	4.7	1.2	0.4	76.3	<0.01	0.08	3.8

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

Finalized Date: 28- AUG- 2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145824

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
ZZ86349		0.035	0.10	0.76	61	0.58	3.37	61	<0.5
ZZ86350		0.050	0.11	0.64	66	0.22	4.18	60	<0.5
ZZ86351		0.007	0.24	6.60	44	0.11	3.49	138	<0.5
ZZ86352		0.028	0.10	0.77	40	0.17	2.66	72	<0.5
ZZ86353		0.012	0.08	0.98	23	0.08	3.12	73	1.1
ZZ86354		0.021	0.05	0.26	20	0.14	1.08	40	<0.5
ZZ86355		0.129	0.08	0.82	75	0.24	2.35	51	0.8
ZZ86356		0.172	0.11	1.86	80	0.22	7.02	99	1.3
ZZ86357		0.114	0.13	0.74	57	0.22	3.25	58	0.8
ZZ86358		0.061	0.16	0.54	41	0.15	2.42	63	<0.5
ZZ86359		0.207	0.09	0.62	83	0.27	3.95	73	1.3
ZZ86360		0.214	0.10	0.70	87	0.29	4.33	74	1.8
ZZ86361		0.196	0.09	0.53	80	0.27	4.14	90	2.3
ZZ86362		0.258	0.09	0.90	112	0.29	6.18	93	3.3
ZZ86363		0.362	0.10	0.48	108	0.37	3.75	72	2.8
ZZ86364		0.117	0.13	0.69	61	0.30	4.49	64	3.0
ZZ86365		0.123	0.10	0.50	67	0.29	3.04	70	0.8
ZZ86366		0.188	0.83	15.20	286	0.25	27.2	726	3.5
ZZ86367		0.221	0.15	0.76	88	0.29	6.05	73	1.5
ZZ86368		0.271	0.18	0.75	162	0.19	14.20	108	2.0
ZZ86369		0.521	0.08	0.52	199	0.41	8.45	93	1.5
ZZ86370		0.391	0.17	0.41	210	0.45	10.15	107	2.1
ZZ86371		0.340	0.08	0.40	157	0.37	7.29	101	1.6
ZZ86372		0.096	0.09	0.41	62	0.24	1.82	73	<0.5
ZZ86373		0.088	0.15	1.08	71	0.28	3.66	94	0.7
ZZ86374		0.369	0.16	0.40	153	0.33	4.13	86	2.1
ZZ86375		0.289	0.14	0.86	103	0.29	2.91	96	1.1
ZZ86376		0.367	0.12	0.64	158	0.26	9.71	112	0.8
ZZ86377		0.417	0.08	0.44	175	0.35	9.14	92	1.2
ZZ86378		0.350	0.08	0.40	170	0.34	8.51	100	0.7
ZZ86379		0.467	0.09	0.34	179	0.34	8.12	86	2.3
ZZ86380		0.322	0.10	0.24	195	0.32	8.80	107	1.8
ZZ86381		0.509	0.07	0.38	188	0.37	8.02	108	1.5
ZZ86382		0.477	0.06	0.24	159	0.36	5.55	108	1.0
ZZ86383		0.101	0.20	2.60	83	0.11	10.85	218	0.7
ZZ86384		0.319	0.15	0.91	113	0.42	4.86	99	2.3
ZZ86385		0.033	0.11	1.66	44	0.14	9.72	74	<0.5
ZZ86386		0.218	0.06	0.74	78	0.24	4.83	68	1.2
ZZ86387		0.101	0.23	0.69	27	<0.05	2.38	61	<0.5
ZZ86388		0.213	0.12	1.69	86	0.27	10.20	140	1.2

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CERTIFICATE OF ANALYSIS WH13145824

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ86389		0.19	0.004	0.25	2.36	6.5	<0.2	<10	220	0.64	0.17	0.33	0.38	24.4	20.4	86
ZZ86390		0.53	0.002	0.08	2.37	8.9	<0.2	<10	210	0.90	0.22	0.45	0.27	39.3	18.1	72
ZZ86391		0.33	0.019	1.78	0.87	24.6	<0.2	<10	360	0.31	0.32	0.09	0.51	60.3	5.0	16
ZZ86392		0.36	0.013	0.33	1.10	20.9	<0.2	<10	120	0.26	0.24	0.10	0.37	36.1	6.8	19
ZZ86393		0.39	0.018	0.79	1.03	54.7	<0.2	<10	130	0.24	0.22	0.04	0.63	34.7	6.6	15
ZZ86394		0.20	0.008	0.52	1.00	18.7	<0.2	<10	170	0.26	0.35	0.06	1.33	15.65	12.9	15
ZZ86395		0.39	0.011	0.34	0.83	23.5	<0.2	<10	90	0.25	0.28	0.05	0.32	20.3	6.8	14
ZZ86396		0.37	0.015	0.34	0.94	38.9	<0.2	<10	170	0.30	0.26	0.17	0.76	22.9	12.4	14
ZZ86397		0.36	0.017	0.49	1.07	34.3	<0.2	<10	190	0.35	0.31	0.22	1.27	25.4	10.9	15
ZZ86398		0.29	0.058	0.61	1.27	23.9	<0.2	<10	350	0.40	0.29	0.50	5.62	21.1	14.4	18
ZZ86399		0.21	0.010	1.22	1.31	18.6	<0.2	<10	510	0.42	0.25	0.89	18.30	17.50	62.8	16
ZZ86400		0.31	0.016	1.42	1.40	17.7	<0.2	<10	650	0.51	0.31	0.45	0.68	37.2	7.7	28
ZZ86401		0.22	0.020	1.03	1.04	9.9	<0.2	<10	340	0.37	0.23	0.60	0.62	32.2	7.6	21
ZZ86402		0.24	0.009	0.53	1.10	14.8	<0.2	<10	270	0.44	0.26	1.48	1.89	28.3	13.0	25
ZZ86403		0.32	0.004	0.37	1.41	12.8	<0.2	<10	220	0.57	0.30	0.84	0.68	31.4	11.4	29
ZZ86404		0.36	0.004	0.27	1.94	12.5	<0.2	<10	250	0.67	0.25	0.79	0.66	40.1	19.7	54
ZZ86405		0.25	0.004	0.26	1.30	8.4	<0.2	<10	270	0.57	0.18	4.31	1.18	31.6	15.6	45
ZZ86406		0.28	0.002	0.35	1.64	10.5	<0.2	<10	270	0.60	0.23	1.58	1.06	32.9	17.5	43
ZZ86407		0.32	0.004	0.22	1.63	8.8	<0.2	<10	290	0.71	0.19	2.66	0.65	34.5	17.8	56
ZZ86408		0.48	0.004	0.18	1.36	8.1	<0.2	<10	280	0.56	0.18	4.77	0.50	32.8	15.6	49
ZZ86409		0.42	0.004	0.14	1.41	8.1	<0.2	<10	290	0.59	0.15	4.87	0.54	33.0	15.6	53
ZZ86410		0.36	0.002	0.21	1.75	9.8	<0.2	<10	390	0.80	0.17	3.58	0.67	34.5	19.5	70
ZZ86411		0.33	0.102	0.13	1.53	7.4	<0.2	<10	300	0.67	0.15	3.32	0.37	39.2	16.6	68
ZZ86412		0.41	0.005	0.10	1.31	7.0	<0.2	<10	290	0.51	0.13	4.94	0.35	36.6	14.1	54
ZZ86413		0.38	0.003	0.10	2.24	15.3	<0.2	<10	190	0.56	0.28	0.63	0.12	32.3	6.5	35
ZZ86414		0.31	0.003	0.12	0.66	17.9	<0.2	<10	70	0.11	0.34	0.04	0.11	31.4	6.0	11
ZZ86415		0.30	0.025	3.32	1.13	16.6	<0.2	<10	340	0.31	0.36	0.54	3.03	22.3	14.8	21
ZZ86416		0.43	0.008	0.95	1.29	11.2	<0.2	<10	160	0.20	0.32	0.16	0.62	25.8	37.5	22
ZZ86417		0.15	0.021	1.46	0.72	15.4	<0.2	<10	430	0.23	0.26	0.29	0.42	22.6	6.2	17
ZZ86418		0.21	0.011	1.14	1.18	18.3	<0.2	<10	490	0.48	0.37	0.50	1.32	27.3	19.7	24
ZZ86419		0.13	0.007	0.55	1.18	16.5	<0.2	<10	360	0.55	0.28	1.64	1.15	18.40	11.9	23
ZZ86420		0.20	0.006	0.63	1.30	15.5	<0.2	<10	310	0.45	0.32	0.54	0.80	25.2	14.0	26
ZZ86421		0.26	0.011	0.60	1.27	17.9	<0.2	<10	280	0.36	0.32	0.26	0.59	29.0	14.9	25
ZZ86422		0.36	0.007	0.15	0.91	11.7	<0.2	<10	300	0.34	0.24	2.57	0.34	23.6	9.8	23
ZZ86423		0.42	0.007	0.24	0.96	12.0	<0.2	<10	200	0.43	0.28	4.52	0.57	25.7	11.9	24
ZZ86424		0.58	0.003	0.19	0.91	10.5	<0.2	<10	220	0.41	0.30	8.50	0.72	26.2	9.6	19
ZZ86425		0.39	0.005	0.25	1.06	11.3	<0.2	<10	270	0.46	0.28	3.26	0.73	26.7	12.0	27
ZZ86426		0.35	0.008	0.31	1.17	11.6	<0.2	<10	170	0.48	0.29	1.72	0.62	27.3	12.2	25
ZZ86427		0.32	0.005	0.38	1.03	12.2	<0.2	<10	280	0.44	0.30	2.39	0.68	25.1	11.1	24
ZZ86428		0.31	0.006	0.41	1.09	14.9	<0.2	<10	360	0.46	0.27	1.93	0.61	24.5	11.6	24

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

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

Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145824

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ86389		1.23	31.3	4.38	9.59	0.05	0.03	0.05	0.033	0.05	12.9	19.3	1.50	688	1.28	<0.01
ZZ86390		1.34	30.3	4.26	8.77	0.06	0.02	0.03	0.039	0.05	18.1	21.9	1.20	606	1.17	<0.01
ZZ86391		0.53	71.9	3.10	3.04	0.09	0.03	0.43	0.044	0.07	32.8	7.6	0.16	270	10.20	0.03
ZZ86392		0.70	30.7	2.58	3.61	<0.05	<0.02	0.09	0.041	0.04	19.2	11.1	0.25	429	4.84	0.01
ZZ86393		0.70	52.9	3.35	2.91	0.06	0.03	0.22	0.042	0.05	18.6	5.2	0.10	270	11.50	0.02
ZZ86394		1.01	53.7	2.82	3.29	<0.05	<0.02	0.06	0.024	0.05	7.8	8.1	0.17	1660	3.37	0.01
ZZ86395		0.79	54.2	2.83	2.91	<0.05	<0.02	0.07	0.023	0.04	10.7	7.1	0.16	488	3.75	0.01
ZZ86396		1.00	76.9	3.13	2.89	<0.05	<0.02	0.04	0.025	0.05	12.1	9.2	0.22	976	4.53	0.01
ZZ86397		0.84	75.3	3.38	2.96	<0.05	0.02	0.04	0.029	0.05	13.7	14.4	0.27	994	4.60	<0.01
ZZ86398		0.93	69.4	2.70	3.46	<0.05	0.03	0.07	0.029	0.06	12.2	20.4	0.32	759	3.52	0.01
ZZ86399		0.92	98.0	2.34	2.88	0.05	0.05	0.20	0.027	0.05	11.5	18.9	0.31	1020	3.31	0.01
ZZ86400		0.86	65.2	2.85	4.33	0.06	0.03	0.29	0.045	0.06	20.7	16.3	0.43	331	5.25	0.01
ZZ86401		0.64	45.1	2.08	3.41	0.05	0.05	0.27	0.032	0.05	17.5	13.1	0.36	372	2.74	<0.01
ZZ86402		0.67	53.4	2.75	3.28	0.06	0.04	0.13	0.044	0.07	15.1	16.2	0.97	1020	2.32	<0.01
ZZ86403		0.81	44.5	2.87	4.18	0.06	0.05	0.08	0.044	0.08	18.1	18.5	0.72	695	1.49	<0.01
ZZ86404		1.04	50.2	3.90	6.30	0.07	0.04	0.06	0.044	0.08	21.9	22.5	1.20	1040	2.31	<0.01
ZZ86405		0.78	39.3	2.89	4.58	0.07	0.05	0.06	0.036	0.18	16.9	16.3	2.40	1360	1.93	0.01
ZZ86406		0.87	46.7	3.42	5.45	0.07	0.05	0.08	0.043	0.12	17.6	21.0	1.35	820	1.32	0.01
ZZ86407		0.87	42.6	3.44	5.86	0.09	0.05	0.05	0.036	0.16	18.7	20.0	1.95	813	1.17	0.01
ZZ86408		0.74	28.1	3.04	5.15	0.08	0.06	0.03	0.031	0.17	17.5	16.5	2.68	758	1.14	<0.01
ZZ86409		0.80	29.6	3.09	5.26	0.09	0.06	0.03	0.032	0.17	17.6	17.2	2.77	785	1.07	<0.01
ZZ86410		1.21	39.9	3.62	6.63	0.09	0.05	0.04	0.039	0.22	18.3	21.1	2.39	963	1.14	0.01
ZZ86411		0.90	29.8	3.42	6.00	0.09	0.06	0.03	0.033	0.17	20.4	18.4	2.40	561	0.83	<0.01
ZZ86412		0.79	23.7	2.96	4.89	0.10	0.07	0.02	0.028	0.15	19.2	15.7	2.81	668	0.84	<0.01
ZZ86413		1.42	19.6	2.95	6.94	0.05	0.03	0.01	0.028	0.04	17.3	28.1	0.38	362	1.26	<0.01
ZZ86414		0.79	24.6	1.83	3.95	<0.05	<0.02	0.02	0.015	0.04	13.6	4.7	0.11	2020	2.06	<0.01
ZZ86415		0.69	210	2.80	3.28	0.06	0.05	0.11	0.038	0.05	12.2	14.2	0.30	504	6.30	<0.01
ZZ86416		2.05	96.9	3.16	4.20	0.05	0.03	0.04	0.022	0.07	13.6	19.4	0.57	798	4.36	<0.01
ZZ86417		0.51	47.3	2.70	2.16	<0.05	0.04	0.07	0.031	0.04	12.4	7.2	0.27	714	4.44	<0.01
ZZ86418		0.79	78.5	3.41	3.46	0.05	0.08	0.09	0.036	0.06	14.0	15.4	0.50	7660	1.92	<0.01
ZZ86419		0.57	69.5	2.32	3.12	<0.05	0.06	0.09	0.033	0.05	10.2	13.6	0.57	2490	0.97	<0.01
ZZ86420		0.92	71.2	2.68	3.72	0.06	0.07	0.10	0.033	0.06	13.7	15.6	0.51	1320	1.53	0.01
ZZ86421		1.01	61.1	2.63	3.80	0.05	0.06	0.10	0.036	0.05	14.5	14.9	0.45	2730	1.76	<0.01
ZZ86422		0.57	29.2	2.46	3.04	0.05	0.05	0.05	0.027	0.04	12.4	13.7	1.31	543	1.32	<0.01
ZZ86423		0.70	42.4	2.60	3.26	0.06	0.07	0.08	0.032	0.06	13.1	16.0	2.61	654	1.69	0.01
ZZ86424		0.90	35.7	2.44	2.94	0.05	0.17	0.07	0.035	0.10	13.5	16.3	3.58	601	1.82	0.01
ZZ86425		0.84	41.0	2.68	3.59	0.05	0.08	0.09	0.030	0.08	13.4	16.9	1.93	561	1.67	0.01
ZZ86426		0.79	47.1	2.75	3.65	0.05	0.07	0.08	0.036	0.07	13.7	15.8	1.25	732	1.22	0.01
ZZ86427		0.71	43.0	2.65	3.41	0.07	0.07	0.09	0.037	0.07	13.0	15.2	1.40	1130	1.31	0.01
ZZ86428		0.76	61.9	2.87	3.53	0.06	0.08	0.08	0.031	0.07	13.0	14.9	1.10	1120	2.12	0.01

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Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145824

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ86389		7.74	38.0	1080	15.3	9.9	<0.001	0.06	0.50	2.9	0.8	0.5	30.4	0.01	0.05	0.6
ZZ86390		5.23	39.1	1480	23.2	10.7	<0.001	0.02	0.62	3.4	0.7	0.6	40.6	0.01	0.04	1.5
ZZ86391		0.33	20.4	1410	23.2	7.3	0.001	0.20	3.90	1.0	4.7	0.2	60.1	<0.01	0.14	1.6
ZZ86392		0.43	19.7	1240	17.3	8.4	<0.001	0.05	1.43	0.8	1.7	0.3	28.3	<0.01	0.07	0.5
ZZ86393		0.26	42.9	1690	18.7	7.0	<0.001	0.16	2.34	0.5	3.9	0.3	39.0	<0.01	0.09	0.3
ZZ86394		0.28	23.9	1520	18.7	9.2	<0.001	0.12	0.75	0.4	1.1	0.3	19.7	<0.01	0.11	<0.2
ZZ86395		0.17	26.7	1370	15.7	7.4	<0.001	0.07	0.86	0.3	1.2	0.2	20.9	<0.01	0.11	0.2
ZZ86396		0.15	40.7	1450	15.4	7.6	<0.001	0.08	1.09	0.4	1.4	0.2	37.3	<0.01	0.12	0.2
ZZ86397		0.26	40.3	1710	18.9	8.4	<0.001	0.06	0.95	0.9	1.3	0.2	41.6	<0.01	0.11	0.5
ZZ86398		0.31	80.4	2150	17.8	14.5	0.001	0.10	0.91	0.7	1.8	0.3	68.2	<0.01	0.09	0.3
ZZ86399		0.44	281	2240	15.1	13.2	0.006	0.17	1.02	0.9	4.6	0.2	102.0	<0.01	0.09	0.4
ZZ86400		0.53	31.2	1500	23.2	11.4	0.001	0.11	1.95	1.3	2.5	0.3	67.5	<0.01	0.11	0.7
ZZ86401		0.66	24.3	1190	19.3	8.5	0.001	0.06	1.31	1.7	1.9	0.3	45.5	<0.01	0.06	1.3
ZZ86402		0.92	46.0	1250	33.0	7.5	0.002	0.04	1.33	2.6	1.6	0.3	60.4	<0.01	0.05	2.0
ZZ86403		0.97	35.3	1120	31.1	9.6	0.001	0.04	1.11	3.5	1.3	0.4	46.4	<0.01	0.05	2.5
ZZ86404		2.65	43.5	1680	25.1	12.4	<0.001	0.03	0.86	4.6	1.2	0.3	48.0	<0.01	0.05	3.2
ZZ86405		3.06	38.7	1820	24.9	11.1	0.001	0.03	0.88	4.0	2.1	0.3	122.0	<0.01	0.03	3.1
ZZ86406		3.17	46.4	1560	27.7	11.6	0.002	0.05	0.93	4.0	1.8	0.3	69.3	<0.01	0.05	2.9
ZZ86407		4.13	42.7	1940	23.2	13.2	0.001	0.04	0.76	4.1	1.3	0.3	89.7	<0.01	0.03	3.2
ZZ86408		3.31	35.5	1890	21.4	11.2	<0.001	0.02	0.74	3.7	0.7	0.3	122.5	<0.01	0.02	3.3
ZZ86409		3.87	35.9	1930	22.3	11.7	<0.001	0.02	0.76	3.7	0.8	0.3	123.0	<0.01	0.03	3.3
ZZ86410		4.64	45.1	1840	22.9	17.7	0.001	0.03	1.15	4.8	0.9	0.3	108.0	<0.01	0.03	3.0
ZZ86411		4.83	37.0	2300	19.5	13.8	0.001	0.03	0.73	4.0	0.7	0.3	92.9	<0.01	0.03	3.4
ZZ86412		3.74	31.5	2200	17.5	11.0	<0.001	0.02	0.77	3.4	0.7	0.3	117.5	<0.01	0.02	3.4
ZZ86413		1.65	18.3	3040	16.3	8.0	<0.001	<0.01	0.62	3.1	0.8	0.7	63.6	<0.01	0.04	2.7
ZZ86414		0.64	10.2	560	11.6	8.1	<0.001	0.01	0.34	0.7	0.7	0.3	7.1	<0.01	0.09	0.6
ZZ86415		0.60	65.9	970	21.8	7.8	0.005	0.06	1.84	2.2	11.4	0.3	72.5	<0.01	0.14	1.3
ZZ86416		0.56	45.4	760	17.0	12.8	0.001	0.03	1.02	1.8	4.0	0.3	42.1	<0.01	0.14	2.1
ZZ86417		0.48	17.6	710	17.5	5.3	0.001	0.03	0.96	1.6	3.8	0.2	34.9	<0.01	0.12	2.3
ZZ86418		0.62	57.4	940	25.9	8.0	<0.001	0.03	1.09	4.1	2.5	0.3	29.7	<0.01	0.09	2.7
ZZ86419		0.59	43.1	1150	20.4	6.8	0.001	0.07	0.94	2.6	1.4	0.3	45.7	<0.01	0.08	1.1
ZZ86420		0.76	42.4	1100	20.6	10.2	<0.001	0.04	0.90	4.1	1.5	0.3	30.0	<0.01	0.07	2.1
ZZ86421		0.63	35.3	900	19.6	9.3	<0.001	0.03	0.89	4.0	1.3	0.3	19.1	<0.01	0.07	2.1
ZZ86422		1.28	26.1	860	18.6	6.7	<0.001	0.03	1.01	3.3	0.7	0.3	46.8	0.01	0.04	2.1
ZZ86423		1.17	31.7	980	20.9	6.8	0.001	0.01	1.28	4.1	0.6	0.3	63.3	<0.01	0.03	3.2
ZZ86424		0.35	26.5	730	24.9	8.2	0.002	0.01	1.39	4.2	0.5	0.3	90.8	<0.01	0.03	4.2
ZZ86425		1.23	32.9	950	22.5	8.1	0.001	0.03	1.22	4.1	1.2	0.3	49.6	<0.01	0.04	3.5
ZZ86426		0.85	32.7	940	25.3	9.1	<0.001	0.03	1.04	4.1	0.7	0.3	28.0	<0.01	0.05	2.5
ZZ86427		0.83	29.9	960	27.6	8.3	0.005	0.06	1.11	3.8	3.2	0.3	54.8	<0.01	0.05	2.3
ZZ86428		0.91	35.9	960	21.6	7.7	0.001	0.04	1.39	3.6	1.3	0.3	37.9	<0.01	0.05	2.4

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CERTIFICATE OF ANALYSIS WH13145824

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
ZZ86389		0.265	0.08	0.85	112	0.27	4.49	93	1.0
ZZ86390		0.206	0.10	0.80	93	0.29	7.52	108	0.7
ZZ86391		0.009	0.12	2.26	26	0.10	9.06	145	0.8
ZZ86392		0.017	0.10	1.50	34	0.19	4.03	109	<0.5
ZZ86393		0.009	0.11	2.82	28	0.12	4.57	225	0.8
ZZ86394		0.010	0.10	1.74	30	0.16	3.05	95	<0.5
ZZ86395		0.008	0.07	1.97	24	0.12	3.13	100	<0.5
ZZ86396		0.010	0.11	2.68	26	0.10	5.83	139	<0.5
ZZ86397		0.013	0.08	3.05	25	0.14	8.15	149	0.6
ZZ86398		0.010	0.11	2.84	28	0.14	11.60	265	0.7
ZZ86399		0.009	0.11	2.95	23	0.10	17.75	489	1.2
ZZ86400		0.012	0.14	2.21	39	0.16	11.55	144	0.7
ZZ86401		0.015	0.11	1.85	30	0.16	8.58	111	1.4
ZZ86402		0.032	0.09	1.51	37	0.22	10.35	205	1.2
ZZ86403		0.031	0.11	1.43	42	0.19	11.55	157	1.7
ZZ86404		0.092	0.13	1.79	71	0.20	12.75	180	1.5
ZZ86405		0.111	0.08	0.96	55	0.20	9.61	137	2.0
ZZ86406		0.110	0.10	1.20	62	0.20	11.15	188	1.7
ZZ86407		0.138	0.09	0.89	67	0.25	9.89	143	2.0
ZZ86408		0.132	0.07	0.64	60	0.22	8.67	113	2.3
ZZ86409		0.145	0.08	0.73	62	0.24	9.01	114	2.4
ZZ86410		0.153	0.10	0.76	79	0.23	9.52	140	1.9
ZZ86411		0.156	0.08	0.72	72	0.23	8.82	106	2.1
ZZ86412		0.142	0.07	0.64	62	0.25	8.40	93	2.3
ZZ86413		0.024	0.16	1.02	67	0.30	11.10	75	1.2
ZZ86414		0.018	0.05	0.54	22	0.13	1.65	29	<0.5
ZZ86415		0.018	0.10	3.79	31	0.12	7.66	192	2.0
ZZ86416		0.032	0.17	1.75	32	0.09	3.36	186	0.9
ZZ86417		0.013	0.07	2.06	27	0.10	3.72	123	1.3
ZZ86418		0.018	0.12	1.77	37	0.29	12.10	162	2.6
ZZ86419		0.016	0.08	1.27	34	0.33	12.70	189	2.2
ZZ86420		0.019	0.13	1.79	39	0.25	14.80	139	1.8
ZZ86421		0.017	0.15	1.41	39	0.23	11.10	129	1.3
ZZ86422		0.037	0.08	0.97	36	0.27	8.81	93	1.4
ZZ86423		0.037	0.10	0.75	37	0.20	10.05	118	2.6
ZZ86424		0.030	0.13	1.00	34	0.24	9.10	126	6.9
ZZ86425		0.038	0.12	0.78	39	0.24	9.57	124	2.8
ZZ86426		0.031	0.11	0.81	40	0.49	10.80	140	2.0
ZZ86427		0.028	0.10	1.18	36	0.21	10.15	110	2.4
ZZ86428		0.031	0.11	1.13	38	0.18	9.68	118	2.7

***** 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
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Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145824

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ86429		0.38	0.006	0.23	0.90	10.4	<0.2	<10	290	0.40	0.24	5.20	0.59	26.1	11.2	24
ZZ86430		0.22	0.005	0.56	1.04	10.0	<0.2	<10	200	0.40	0.21	1.46	0.48	25.8	12.0	28
ZZ86431		0.27	0.003	0.15	1.14	11.7	<0.2	<10	220	0.48	0.21	2.20	0.39	29.6	12.4	32
ZZ86432		0.35	0.004	0.27	1.91	9.6	<0.2	<10	280	0.71	0.19	1.28	0.26	42.1	20.8	76
ZZ86433		0.32	0.004	0.36	1.83	8.2	<0.2	<10	440	0.71	0.18	1.87	0.46	36.3	19.2	68
ZZ86434		0.38	0.007	0.49	1.86	9.3	<0.2	<10	350	0.68	0.20	1.57	0.45	40.3	19.5	70
ZZ86435		0.44	0.014	0.56	1.45	6.6	<0.2	<10	230	0.43	0.22	1.27	0.34	34.4	13.6	47
ZZ86436		0.18	0.006	0.29	1.35	6.9	<0.2	<10	220	0.48	0.15	2.73	0.23	17.20	13.9	43
ZZ86437		0.29	0.002	0.09	2.46	5.9	<0.2	<10	540	1.04	0.08	1.92	0.11	47.1	28.8	131
ZZ86438		0.13	0.004	0.10	1.30	2.7	<0.2	<10	480	0.37	0.06	3.38	0.32	13.60	14.8	53
ZZ86439		0.20	0.002	0.18	1.89	10.1	<0.2	<10	320	0.62	0.15	2.39	0.54	30.5	20.4	49
ZZ86440		0.19	0.003	0.24	1.76	7.8	<0.2	<10	430	0.65	0.17	2.11	0.60	25.0	20.3	71
ZZ86441		0.20	0.002	0.16	2.03	6.1	<0.2	<10	470	0.65	0.13	2.26	0.33	37.7	21.6	78
ZZ86442		0.15	0.002	0.11	1.84	9.2	<0.2	<10	370	0.61	0.13	2.26	0.27	32.1	20.6	91
ZZ86443		0.17	0.003	0.10	1.79	7.3	<0.2	<10	510	0.77	0.06	2.67	0.31	22.9	21.6	82
ZZ86444		0.17	0.003	0.08	2.31	4.5	<0.2	<10	830	0.91	0.09	2.54	0.16	20.0	27.5	87
ZZ86445		0.15	0.003	0.08	2.08	4.8	<0.2	<10	680	0.87	0.09	2.90	0.33	20.5	24.8	101
ZZ86446		0.11	0.004	0.11	1.44	6.3	<0.2	<10	500	0.63	0.11	3.51	0.40	15.10	20.0	61
ZZ86447		0.22	0.004	0.15	2.31	12.4	<0.2	<10	300	0.83	0.16	1.99	0.33	37.7	33.8	140
ZZ86448		0.35	0.005	0.15	2.21	14.4	<0.2	<10	300	0.62	0.25	1.60	0.21	31.4	32.5	181
ZZ86449		0.19	0.003	0.13	2.47	16.6	<0.2	<10	420	0.97	0.10	2.25	0.27	29.2	35.4	253
ZZ86450		0.21	0.003	0.13	2.69	17.2	<0.2	<10	370	1.04	0.10	2.32	0.19	38.6	33.3	222
ZZ86451		0.28	0.003	0.14	2.92	17.1	<0.2	<10	470	1.26	0.16	1.56	0.25	45.4	36.8	177
ZZ86452		0.16	0.002	0.12	2.76	14.7	<0.2	<10	450	1.11	0.13	2.11	0.26	37.4	33.2	167
ZZ86453		0.30	0.002	0.11	2.58	9.7	<0.2	<10	460	0.94	0.08	2.06	0.17	41.1	29.0	147
ZZ86454		0.29	0.002	0.08	2.57	10.2	<0.2	<10	580	1.19	0.08	2.06	0.16	52.3	29.5	174
ZZ86455		0.20	0.003	0.08	2.73	10.8	<0.2	<10	480	1.15	0.07	2.14	0.23	49.7	32.0	171
ZZ86456		0.23	0.003	0.13	2.17	7.8	<0.2	<10	530	1.25	0.08	2.34	0.45	33.6	26.0	122
ZZ86457		0.29	0.004	0.19	2.11	14.1	<0.2	<10	520	0.94	0.17	1.57	0.34	37.1	35.9	105
ZZ86458		0.33	0.003	0.18	2.26	10.3	<0.2	<10	570	1.08	0.13	1.97	0.42	41.3	26.7	132
ZZ86459		0.31	0.008	0.26	2.35	11.8	<0.2	<10	470	1.04	0.15	1.42	0.76	45.7	27.1	119
ZZ86460		0.28	0.004	0.46	2.25	15.0	<0.2	<10	390	0.41	0.20	0.66	0.42	37.5	30.9	95
ZZ86461		0.44	0.003	0.23	1.49	13.6	<0.2	<10	320	0.74	0.31	1.29	0.98	38.3	18.0	46
ZZ86462		0.46	0.003	0.22	0.99	11.8	<0.2	<10	180	0.53	0.29	6.34	0.64	27.0	13.4	22
ZZ86463		0.51	0.003	0.32	1.38	13.7	<0.2	<10	280	0.79	0.45	5.25	0.90	32.1	15.6	28
ZZ86464		0.33	0.007	0.22	1.47	12.2	<0.2	<10	300	0.69	0.27	1.23	0.85	39.1	18.5	48
ZZ86465		0.35	0.009	0.13	2.45	8.8	<0.2	<10	410	1.17	0.11	1.76	0.48	45.2	28.6	148
ZZ86466		0.30	0.004	0.14	2.59	11.6	<0.2	<10	490	1.35	0.11	1.70	0.39	50.4	27.5	148
ZZ86467		0.35	0.015	0.16	2.06	11.5	<0.2	<10	390	0.92	0.15	1.44	0.37	47.4	24.1	96
ZZ86468		0.37	0.003	0.22	1.74	12.3	<0.2	<10	370	0.89	0.25	3.11	0.50	35.8	20.4	62

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Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145824

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ86429		0.83	31.6	2.50	3.13	0.06	0.09	0.07	0.027	0.07	13.5	15.7	2.98	508	1.48	0.01
ZZ86430		0.59	33.9	2.54	3.66	0.07	0.06	0.07	0.029	0.04	13.0	14.3	0.83	633	0.69	0.01
ZZ86431		0.57	35.7	2.72	3.96	0.06	0.07	0.06	0.029	0.06	14.9	15.7	1.56	493	1.32	0.01
ZZ86432		1.34	52.7	4.25	7.56	0.10	0.08	0.07	0.033	0.11	21.8	22.9	1.58	628	1.33	0.01
ZZ86433		1.10	56.2	3.88	7.00	0.09	0.08	0.10	0.036	0.11	19.3	20.0	1.46	934	1.55	0.01
ZZ86434		1.00	57.2	3.96	6.94	0.09	0.07	0.10	0.035	0.09	20.8	24.1	1.41	593	1.46	0.01
ZZ86435		1.23	69.0	3.49	5.26	0.08	0.08	0.12	0.023	0.08	18.6	20.4	0.98	614	2.17	0.01
ZZ86436		1.23	67.7	2.61	4.88	0.06	0.04	0.09	0.020	0.07	9.8	18.6	0.99	783	1.38	0.01
ZZ86437		3.73	42.8	5.32	10.70	0.13	0.05	0.04	0.032	0.29	24.8	39.2	2.24	766	1.40	<0.01
ZZ86438		1.91	42.2	2.31	5.07	0.07	0.03	0.07	0.015	0.06	7.6	20.9	1.08	662	0.89	0.01
ZZ86439		1.48	49.8	3.38	7.02	0.08	0.04	0.09	0.034	0.09	15.8	25.5	1.32	868	1.39	<0.01
ZZ86440		0.95	47.1	3.52	6.96	0.08	0.05	0.07	0.035	0.09	13.0	21.2	1.46	812	1.52	0.01
ZZ86441		1.06	45.1	3.90	7.38	0.10	0.06	0.07	0.033	0.14	20.1	24.4	1.67	828	1.39	0.01
ZZ86442		0.87	31.4	3.66	7.24	0.09	0.05	0.07	0.032	0.06	16.6	19.5	1.54	736	1.09	0.01
ZZ86443		0.95	35.9	3.36	7.51	0.10	0.05	0.05	0.025	0.09	12.1	17.5	1.55	773	1.11	0.01
ZZ86444		1.22	42.2	4.61	10.20	0.11	0.06	0.06	0.025	0.23	10.6	25.0	1.96	852	0.63	0.01
ZZ86445		1.84	50.6	3.89	8.30	0.11	0.04	0.07	0.025	0.24	11.0	22.3	1.63	915	0.75	0.01
ZZ86446		1.03	56.6	2.77	5.33	0.07	0.03	0.08	0.023	0.04	8.2	13.9	1.03	766	0.95	0.01
ZZ86447		3.40	53.3	4.69	8.31	0.16	0.06	0.06	0.044	0.11	18.2	30.2	2.22	1300	1.68	0.01
ZZ86448		1.78	95.3	4.23	7.62	0.11	0.04	0.07	0.034	0.06	16.4	23.8	2.04	1080	1.08	0.01
ZZ86449		2.81	70.9	4.86	10.30	0.14	0.04	0.05	0.042	0.15	14.8	27.7	2.47	900	0.88	0.01
ZZ86450		2.73	55.4	4.94	11.00	0.18	0.06	0.06	0.047	0.20	20.0	29.5	2.80	877	0.98	0.01
ZZ86451		2.78	67.6	5.75	12.75	0.19	0.07	0.06	0.054	0.26	23.6	33.5	2.79	1360	1.50	0.01
ZZ86452		2.36	51.8	5.20	11.60	0.18	0.05	0.06	0.049	0.20	19.1	33.0	2.56	1110	1.04	0.01
ZZ86453		3.03	40.4	4.88	10.95	0.16	0.07	0.06	0.034	0.23	21.4	31.7	2.36	916	0.95	0.01
ZZ86454		2.42	40.6	5.06	11.50	0.20	0.06	0.05	0.045	0.29	27.8	28.0	2.53	905	0.89	0.01
ZZ86455		1.90	54.4	5.14	12.20	0.22	0.05	0.04	0.050	0.26	26.8	27.5	2.74	926	0.87	<0.01
ZZ86456		1.80	44.7	4.12	9.68	0.12	0.05	0.06	0.037	0.16	18.3	21.1	1.90	1120	0.77	0.01
ZZ86457		1.59	37.8	4.38	9.46	0.09	0.05	0.09	0.044	0.07	18.7	21.3	1.71	1620	1.83	0.01
ZZ86458		2.59	39.9	4.47	9.68	0.13	0.06	0.08	0.047	0.16	21.4	23.3	1.97	1130	1.00	0.01
ZZ86459		2.39	43.2	4.76	10.10	0.12	0.06	0.09	0.050	0.09	23.9	22.7	2.01	1080	2.06	0.01
ZZ86460		1.75	52.0	4.10	8.17	0.07	0.04	0.13	0.039	0.06	18.9	22.7	1.71	1240	2.50	<0.01
ZZ86461		1.18	40.7	3.41	5.37	0.08	0.07	0.11	0.040	0.11	19.4	18.4	1.09	880	1.67	<0.01
ZZ86462		0.95	37.9	2.58	3.49	0.06	0.09	0.09	0.034	0.08	14.0	15.8	3.20	655	1.53	0.01
ZZ86463		1.43	43.1	3.28	4.46	0.06	0.09	0.13	0.040	0.14	16.1	20.5	2.70	792	2.00	0.01
ZZ86464		1.07	37.9	3.30	5.39	0.08	0.06	0.10	0.037	0.10	20.0	17.9	1.06	1030	1.52	<0.01
ZZ86465		1.91	44.9	4.76	10.90	0.16	0.06	0.08	0.046	0.20	24.1	24.0	2.30	841	0.96	<0.01
ZZ86466		2.58	43.7	5.10	11.55	0.19	0.07	0.06	0.051	0.36	26.6	27.3	2.51	741	1.02	0.01
ZZ86467		2.16	38.6	4.28	8.81	0.13	0.06	0.07	0.040	0.17	24.4	23.3	1.84	834	1.41	0.01
ZZ86468		1.36	40.4	3.86	6.87	0.09	0.06	0.09	0.046	0.14	18.3	20.5	2.46	884	1.33	0.01

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	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ86429		1.74	28.7	1000	19.7	7.5	0.002	0.02	1.11	3.8	0.8	0.3	74.3	<0.01	0.03	3.5
ZZ86430		2.02	33.2	1100	19.2	7.2	0.017	0.09	0.65	3.4	6.9	0.3	96.7	0.01	0.04	1.8
ZZ86431		2.52	30.2	1290	18.8	6.5	0.001	0.03	0.94	4.0	0.6	0.3	51.6	0.01	0.04	3.3
ZZ86432		6.14	48.7	2200	15.2	16.5	0.001	0.03	0.82	6.1	1.0	0.3	79.8	0.01	0.05	4.0
ZZ86433		5.33	44.1	2000	18.3	14.2	0.001	0.05	1.03	5.4	1.4	0.3	94.1	0.01	0.05	2.8
ZZ86434		5.61	46.1	1850	17.6	13.0	0.002	0.04	1.00	5.3	1.6	0.3	107.5	0.01	0.05	3.4
ZZ86435		4.10	37.0	1840	13.4	11.8	0.001	0.07	1.15	3.1	1.8	0.2	109.0	0.01	0.08	2.7
ZZ86436		2.84	37.6	1290	10.1	10.9	0.002	0.11	0.80	2.5	2.6	0.2	161.5	0.01	0.06	0.6
ZZ86437		8.68	62.2	3800	7.0	30.0	0.001	0.05	0.46	6.4	1.3	0.3	180.0	0.01	0.02	2.7
ZZ86438		4.12	32.4	1340	5.2	8.7	0.004	0.17	0.43	2.2	1.9	0.2	205	0.03	0.02	0.5
ZZ86439		4.15	36.4	1260	12.8	17.1	0.003	0.09	0.47	5.0	2.1	0.3	182.5	0.01	0.04	1.5
ZZ86440		4.02	42.6	1350	14.8	14.4	0.001	0.08	0.72	5.1	1.6	0.3	105.5	0.01	0.04	1.5
ZZ86441		4.19	44.7	1790	11.9	15.9	0.001	0.09	0.58	5.7	1.2	0.3	132.5	0.01	0.04	2.0
ZZ86442		5.32	44.3	1500	12.6	8.6	0.001	0.08	0.51	5.5	1.2	0.3	111.0	0.02	0.03	1.7
ZZ86443		6.08	41.6	1340	7.3	14.4	0.001	0.11	0.27	5.3	0.9	0.2	193.0	0.02	0.03	1.2
ZZ86444		7.44	41.1	1230	8.5	19.9	<0.001	0.08	0.28	5.9	0.7	0.3	132.5	0.02	0.03	1.4
ZZ86445		5.69	50.1	1080	7.5	26.3	<0.001	0.10	0.26	5.0	0.8	0.2	153.5	0.02	0.02	1.0
ZZ86446		2.29	43.5	850	8.1	6.6	<0.001	0.11	0.42	3.7	0.9	0.2	181.0	0.02	0.03	0.5
ZZ86447		2.32	91.6	1300	13.2	14.7	0.001	0.05	0.41	8.4	0.9	0.3	123.5	0.01	0.05	1.9
ZZ86448		2.36	128.0	1130	11.9	9.1	<0.001	0.05	0.63	6.7	0.9	0.2	110.5	0.01	0.05	2.5
ZZ86449		4.83	103.0	1530	8.3	18.8	<0.001	0.08	0.43	10.2	0.8	0.3	126.0	0.01	0.03	1.6
ZZ86450		8.05	93.4	2060	8.7	27.3	<0.001	0.06	0.44	11.1	0.8	0.4	129.0	0.01	0.03	2.5
ZZ86451		7.20	82.2	2050	15.1	30.8	<0.001	0.04	0.62	12.2	0.9	0.4	95.0	0.01	0.04	4.0
ZZ86452		7.24	70.6	1750	11.1	26.7	<0.001	0.06	0.43	10.2	0.8	0.4	133.5	0.01	0.03	2.7
ZZ86453		9.46	62.1	1980	8.3	28.0	0.001	0.06	0.44	7.5	0.8	0.3	136.5	0.01	0.03	2.6
ZZ86454		8.40	73.4	2440	8.3	29.7	<0.001	0.06	0.41	9.1	0.7	0.3	139.0	0.01	0.03	3.4
ZZ86455		7.80	78.9	2620	6.4	28.0	<0.001	0.06	0.36	10.9	0.7	0.3	169.0	0.01	0.03	3.0
ZZ86456		5.97	54.3	1390	8.2	22.9	<0.001	0.09	0.46	5.6	0.7	0.3	133.5	0.02	0.02	1.4
ZZ86457		4.22	47.9	1160	14.9	10.9	<0.001	0.06	0.71	6.2	1.1	0.3	93.3	0.01	0.04	1.8
ZZ86458		5.92	56.5	1280	12.3	23.5	<0.001	0.06	0.64	8.2	1.0	0.4	120.0	0.01	0.04	2.2
ZZ86459		6.03	49.2	1620	13.7	16.1	<0.001	0.06	0.71	8.0	1.1	0.4	100.5	0.01	0.04	2.6
ZZ86460		0.79	67.5	1180	14.8	12.6	<0.001	0.05	0.98	6.9	1.3	0.3	55.6	0.01	0.05	2.2
ZZ86461		1.87	42.0	1200	32.8	15.6	0.001	0.03	1.26	4.9	0.9	0.3	60.0	0.01	0.05	3.3
ZZ86462		1.02	31.5	780	26.8	8.5	<0.001	<0.01	1.56	4.1	0.6	0.3	82.7	<0.01	0.04	3.8
ZZ86463		0.96	39.2	860	34.8	12.2	0.001	<0.01	1.67	5.1	0.8	0.4	71.8	<0.01	0.04	4.3
ZZ86464		2.18	39.9	1360	23.8	11.8	0.001	0.03	1.21	4.5	0.8	0.3	52.5	0.01	0.04	3.0
ZZ86465		6.72	69.3	2130	10.4	25.9	<0.001	0.04	0.59	7.7	0.9	0.3	113.5	0.01	0.03	2.9
ZZ86466		6.93	65.4	2310	11.5	35.6	<0.001	0.04	0.66	8.9	0.8	0.4	111.5	0.01	0.03	3.7
ZZ86467		5.74	49.8	2060	14.2	23.0	0.001	0.04	0.71	6.2	0.8	0.3	89.4	0.01	0.04	3.3
ZZ86468		3.68	43.4	1320	24.5	16.1	<0.001	0.02	1.17	6.0	0.7	0.4	69.4	0.01	0.04	3.1

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

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

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

Finalized Date: 28- AUG- 2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145824

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
ZZ86429		0.049	0.10	0.74	38	0.21	9.04	114	3.2
ZZ86430		0.047	0.08	1.25	38	0.13	8.72	92	1.8
ZZ86431		0.071	0.07	0.75	48	0.29	8.69	96	2.3
ZZ86432		0.156	0.11	0.92	85	0.24	11.45	107	2.8
ZZ86433		0.137	0.10	1.23	79	0.21	10.60	109	2.7
ZZ86434		0.132	0.10	1.32	79	0.22	10.40	112	2.9
ZZ86435		0.094	0.10	2.71	52	0.17	8.78	105	2.6
ZZ86436		0.063	0.08	4.50	49	0.09	7.64	66	1.7
ZZ86437		0.226	0.12	0.97	121	0.30	9.62	85	1.5
ZZ86438		0.084	0.08	1.51	47	0.12	4.38	54	1.2
ZZ86439		0.083	0.14	1.75	80	0.14	9.88	81	1.4
ZZ86440		0.106	0.09	2.04	78	0.14	8.32	91	1.6
ZZ86441		0.131	0.10	1.67	85	0.12	10.05	83	2.3
ZZ86442		0.127	0.07	1.34	87	0.14	7.75	85	1.6
ZZ86443		0.152	0.07	0.62	88	0.14	5.70	68	1.7
ZZ86444		0.232	0.08	0.54	121	0.16	5.85	81	1.7
ZZ86445		0.155	0.09	0.67	92	0.13	5.95	74	1.4
ZZ86446		0.068	0.07	1.05	62	0.09	6.68	51	1.1
ZZ86447		0.102	0.19	0.73	105	0.10	13.55	80	1.7
ZZ86448		0.073	0.09	0.96	81	0.19	11.50	80	1.1
ZZ86449		0.147	0.10	0.68	130	0.14	8.36	88	1.3
ZZ86450		0.238	0.15	0.68	139	0.18	8.13	84	1.8
ZZ86451		0.235	0.18	0.73	151	0.20	10.00	109	2.3
ZZ86452		0.211	0.16	0.73	145	0.16	7.68	95	1.9
ZZ86453		0.247	0.13	0.82	124	0.20	8.04	89	2.6
ZZ86454		0.235	0.13	0.50	135	0.21	8.26	89	2.1
ZZ86455		0.219	0.10	0.68	142	0.15	8.56	85	1.7
ZZ86456		0.165	0.11	0.82	110	0.14	7.20	88	1.6
ZZ86457		0.130	0.12	1.32	107	0.16	8.34	107	1.7
ZZ86458		0.184	0.15	1.04	110	0.11	9.38	111	2.0
ZZ86459		0.178	0.15	1.60	119	0.15	10.05	133	2.0
ZZ86460		0.056	0.22	2.46	72	0.16	15.60	119	1.0
ZZ86461		0.057	0.15	0.98	58	0.21	12.55	155	2.0
ZZ86462		0.033	0.14	0.71	36	0.27	9.81	121	3.1
ZZ86463		0.030	0.19	0.81	47	0.20	11.90	153	3.3
ZZ86464		0.071	0.13	0.91	61	0.34	10.55	133	1.8
ZZ86465		0.203	0.12	0.86	120	0.18	8.99	116	2.0
ZZ86466		0.219	0.16	0.95	132	0.14	9.79	112	2.2
ZZ86467		0.166	0.13	1.03	98	0.33	9.66	108	2.0
ZZ86468		0.113	0.14	0.66	80	0.20	10.30	125	1.9

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

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145824

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ86469		0.31	0.004	0.23	1.47	11.5	<0.2	<10	330	0.72	0.29	1.83	0.50	29.6	16.0	45
ZZ86470		0.31	0.003	0.21	1.53	11.3	<0.2	<10	360	0.77	0.23	2.43	0.57	30.4	17.6	50

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CERTIFICATE OF ANALYSIS WH13145824

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ86469		1.13	37.8	3.30	5.44	0.08	0.06	0.11	0.047	0.12	14.9	18.5	1.44	683	1.34	0.01
ZZ86470		1.14	38.5	3.36	5.80	0.08	0.06	0.07	0.042	0.10	15.5	18.2	1.65	719	0.94	0.01

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CERTIFICATE OF ANALYSIS WH13145824

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ86469		2.31	37.7	1080	26.8	17.0	<0.001	0.03	1.33	4.9	0.8	0.4	43.6	0.01	0.04	2.7
ZZ86470		3.03	37.6	1220	23.4	13.8	<0.001	0.04	1.14	5.1	0.7	0.3	58.9	0.01	0.03	2.3

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CERTIFICATE OF ANALYSIS WH13145824

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
ZZ86469		0.069	0.14	0.76	63	0.21	9.01	144	2.0
ZZ86470		0.086	0.11	0.97	66	0.59	9.55	134	1.8

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Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145824

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).
ME-MS41

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
LOG-22 SCR-41 WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au-ICP21 ME-MS41

ALS Canada Ltd.

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2013
Account: RCM

CERTIFICATE WH13145825

Project: RAU

P.O. No.: S13-R3

This report is for 211 Soil samples submitted to our lab in Whitehorse, YT, Canada on 12-AUG-2013.

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-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	51 anal. aqua regia ICPMS	

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

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145825

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ85764		0.31	0.004	0.97	1.27	14.4	<0.2	<10	250	0.36	0.29	0.23	0.77	32.4	13.3	39
ZZ85765		0.27	0.004	0.23	2.44	9.1	<0.2	<10	380	1.02	0.18	1.00	0.37	43.5	29.7	105
ZZ85766		0.30	0.003	0.24	1.36	4.9	<0.2	<10	160	0.54	0.22	1.26	0.35	56.3	15.6	38
ZZ85767		0.27	0.003	0.21	0.87	4.3	<0.2	<10	260	0.25	0.44	0.32	0.26	18.85	6.4	14
ZZ85768		0.15	0.012	0.09	2.41	6.1	<0.2	<10	430	1.42	0.10	2.27	0.26	32.4	29.9	114
ZZ85769		0.25	0.002	0.36	1.67	6.6	<0.2	<10	260	0.34	0.25	0.28	2.88	31.6	15.0	56
ZZ85770		0.16	0.001	0.18	2.65	8.3	<0.2	<10	480	0.92	0.13	1.46	0.25	38.9	31.6	106
ZZ85771		0.15	<0.001	0.12	2.59	13.5	<0.2	<10	540	1.55	0.05	2.58	0.26	38.6	31.2	122
ZZ85772		0.15	0.003	0.10	2.90	4.5	<0.2	<10	1170	1.62	0.09	2.64	0.18	23.6	37.1	146
ZZ85773		0.14	0.001	0.09	3.11	3.6	<0.2	<10	1210	1.37	0.07	2.30	0.14	22.0	37.9	94
ZZ85774		0.18	0.002	0.09	2.90	5.2	<0.2	<10	760	1.32	0.08	2.50	0.13	27.4	32.4	161
ZZ85775		0.19	0.002	0.16	2.69	8.4	<0.2	<10	490	1.00	0.10	2.57	0.25	34.5	32.8	152
ZZ85776		0.14	0.003	0.18	2.90	10.7	<0.2	<10	350	0.86	0.09	2.62	0.49	19.70	37.7	268
ZZ85777		0.22	0.006	0.17	2.48	14.0	<0.2	<10	230	0.69	0.27	2.34	0.31	35.2	38.3	214
ZZ85778		0.20	<0.001	0.16	2.39	10.7	<0.2	<10	400	0.68	0.14	2.21	0.45	36.5	33.8	169
ZZ85779		0.26	<0.001	0.12	3.08	21.3	<0.2	<10	410	1.02	0.12	1.84	0.19	48.6	36.8	201
ZZ85780		0.32	<0.001	0.08	4.18	14.3	<0.2	<10	780	1.96	0.05	2.08	0.14	55.3	44.6	214
ZZ85781		0.19	<0.001	0.09	3.19	6.3	<0.2	<10	550	1.20	0.10	2.04	0.27	43.9	37.2	181
ZZ85782		0.23	0.001	0.11	3.53	11.0	<0.2	<10	830	1.70	0.09	1.97	0.15	53.8	35.4	199
ZZ85783		0.21	<0.001	0.13	3.80	10.4	<0.2	<10	920	1.59	0.07	2.28	0.13	41.4	38.2	183
ZZ85784		0.18	<0.001	0.26	3.00	10.8	<0.2	<10	790	1.24	0.12	1.63	0.40	60.1	31.8	188
ZZ85785		0.21	0.001	0.17	2.89	3.8	<0.2	<10	600	1.05	0.25	0.72	0.16	63.9	23.3	101
ZZ85786		0.17	0.001	0.17	2.61	10.9	<0.2	<10	640	1.19	0.15	1.89	0.41	45.3	28.4	122
ZZ86941		0.14	<0.001	0.11	3.14	12.5	<0.2	<10	700	1.64	0.10	2.13	0.20	56.7	31.5	181
ZZ86942		0.19	0.001	0.07	3.04	7.4	<0.2	<10	620	1.36	0.08	2.05	0.18	48.3	30.4	140
ZZ86943		0.17	0.002	0.37	2.26	10.0	<0.2	<10	390	0.77	0.20	1.65	0.62	49.5	25.4	106
ZZ86944		0.20	<0.001	0.18	1.35	3.6	<0.2	<10	100	0.18	0.33	0.08	0.82	37.7	13.2	35
ZZ86945		0.16	0.011	0.14	1.57	7.1	<0.2	<10	110	0.33	0.35	0.58	0.17	48.3	24.0	42
ZZ86946		0.32	<0.001	0.19	1.43	11.6	<0.2	<10	300	0.64	0.31	1.72	0.46	32.6	13.2	44
ZZ86947		0.29	0.001	0.24	1.47	13.0	<0.2	<10	200	0.64	0.33	2.01	0.43	31.9	14.4	39
ZZ86948		0.24	<0.001	0.12	1.48	9.0	<0.2	<10	320	0.58	0.24	3.34	0.38	28.8	19.0	52
ZZ85671		0.38	0.003	0.27	0.95	12.3	<0.2	<10	150	0.41	0.29	4.04	0.57	23.1	10.2	23
ZZ85672		0.21	0.002	0.23	1.29	12.6	<0.2	<10	290	0.48	0.29	0.70	1.09	23.8	12.5	23
ZZ85673		0.29	0.003	0.28	1.31	13.6	<0.2	<10	230	0.46	0.32	0.77	0.39	26.3	11.1	27
ZZ85674		0.31	0.004	0.28	1.28	10.9	<0.2	<10	230	0.37	0.30	0.80	0.50	23.2	11.8	24
ZZ85675		0.26	<0.001	0.32	1.09	7.0	<0.2	<10	210	0.33	0.25	0.49	0.36	20.2	9.1	21
ZZ85676		0.17	0.001	0.50	1.12	15.0	<0.2	<10	350	0.34	0.30	0.79	0.65	17.80	14.8	19
ZZ85677		0.14	<0.001	0.33	1.22	11.6	<0.2	<10	370	0.44	0.24	1.88	2.01	18.55	11.4	27
ZZ85678		0.20	0.001	0.19	1.23	10.9	<0.2	<10	250	0.49	0.25	2.84	0.50	25.4	12.2	31
ZZ85679		0.32	0.001	0.16	1.51	10.5	<0.2	<10	200	0.53	0.20	4.78	0.47	29.6	16.2	24

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

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

Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145825

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ85764		0.69	48.8	3.52	6.10	0.06	0.04	0.04	0.024	0.13	16.5	13.0	0.61	471	4.46	0.01
ZZ85765		1.66	57.0	5.16	10.35	0.09	0.09	0.04	0.031	0.10	22.9	42.4	1.86	840	1.47	0.01
ZZ85766		1.42	35.5	3.32	4.94	0.08	0.09	0.06	0.026	0.10	31.2	17.3	0.75	445	3.10	<0.01
ZZ85767		0.93	45.7	2.58	5.28	0.05	0.05	0.04	0.010	0.12	12.6	6.7	0.21	242	6.11	<0.01
ZZ85768		3.60	45.2	4.73	10.30	0.13	0.05	0.06	0.032	0.18	17.1	34.2	2.09	1070	2.74	0.01
ZZ85769		1.22	32.0	3.87	8.73	0.07	0.02	0.04	0.028	0.11	15.9	16.6	0.98	820	5.84	0.01
ZZ85770		1.00	48.7	4.91	10.70	0.09	0.04	0.07	0.040	0.08	20.1	28.6	2.32	997	3.27	0.01
ZZ85771		1.39	51.2	4.80	11.40	0.14	0.06	0.07	0.039	0.29	20.4	25.5	2.30	1030	1.89	0.01
ZZ85772		1.70	74.7	5.57	13.05	0.16	0.05	0.06	0.025	0.44	13.0	29.9	2.59	1590	0.70	0.01
ZZ85773		2.34	51.5	5.84	14.55	0.16	0.05	0.05	0.035	0.48	11.8	34.2	3.00	1180	0.40	0.01
ZZ85774		2.83	57.5	5.41	12.40	0.19	0.06	0.05	0.025	0.47	14.7	19.9	2.58	980	0.74	0.01
ZZ85775		2.43	86.2	5.33	10.75	0.19	0.06	0.06	0.039	0.22	19.0	15.7	2.31	1020	0.89	0.01
ZZ85776		3.56	96.9	5.06	10.55	0.16	0.05	0.06	0.050	0.10	10.7	18.5	2.80	1060	1.16	0.01
ZZ85777		2.10	105.5	4.91	8.85	0.19	0.06	0.05	0.039	0.05	17.5	17.5	2.29	1070	1.31	0.01
ZZ85778		1.98	92.1	4.52	9.14	0.15	0.06	0.07	0.039	0.09	20.1	17.3	1.98	1250	1.14	0.01
ZZ85779		2.46	64.7	6.00	12.90	0.19	0.06	0.05	0.058	0.29	26.1	22.3	3.15	896	0.79	0.01
ZZ85780		3.57	64.7	7.95	18.50	0.27	0.06	0.03	0.077	0.92	29.3	31.2	4.41	1100	0.97	0.01
ZZ85781		2.39	62.6	5.72	14.35	0.20	0.07	0.05	0.051	0.35	23.2	22.3	2.95	1220	1.03	0.01
ZZ85782		3.03	59.1	6.41	15.90	0.24	0.08	0.04	0.063	0.69	30.2	27.1	3.39	1090	0.68	0.01
ZZ85783		3.67	53.5	7.03	16.00	0.27	0.08	0.04	0.064	0.82	22.6	28.8	3.63	1080	0.79	0.01
ZZ85784		2.16	57.7	6.12	14.05	0.21	0.08	0.07	0.062	0.27	33.7	20.4	2.72	795	1.80	0.01
ZZ85785		3.82	49.9	5.64	9.98	0.13	0.05	0.02	0.039	0.62	33.8	32.6	2.20	616	2.34	0.01
ZZ85786		2.27	45.8	5.06	10.05	0.14	0.05	0.05	0.052	0.33	24.1	23.8	2.11	1220	1.32	<0.01
ZZ86941		2.84	49.9	5.55	12.30	0.22	0.06	0.03	0.053	0.53	30.5	30.1	2.85	982	0.66	<0.01
ZZ86942		2.21	45.4	5.58	11.50	0.17	0.05	0.03	0.053	0.43	25.5	24.6	2.72	1050	0.79	0.01
ZZ86943		2.32	54.1	4.39	8.08	0.13	0.07	0.06	0.038	0.26	26.5	20.8	1.72	683	1.81	0.01
ZZ86944		1.02	40.3	3.68	4.38	0.05	<0.02	0.05	0.017	0.13	20.0	10.6	0.68	548	2.46	0.01
ZZ86945		1.18	42.6	4.47	5.68	0.07	0.04	0.03	0.027	0.09	24.0	16.5	0.68	1440	1.45	<0.01
ZZ86946		0.72	43.8	3.06	4.58	0.09	0.06	0.05	0.036	0.07	16.9	16.3	1.23	576	1.05	<0.01
ZZ86947		0.71	41.2	3.15	4.34	0.05	0.04	0.06	0.042	0.08	16.3	16.4	1.59	560	1.02	<0.01
ZZ86948		0.76	44.8	3.14	4.77	0.06	0.03	0.05	0.029	0.08	14.5	17.1	1.93	1000	1.19	<0.01
ZZ85671		0.61	39.4	2.54	2.69	0.05	0.04	0.07	0.030	0.05	12.2	10.5	2.39	788	1.20	0.01
ZZ85672		0.90	66.8	2.54	3.19	<0.05	0.02	0.06	0.026	0.05	12.8	14.4	0.59	1340	1.67	<0.01
ZZ85673		0.84	54.0	2.88	3.50	0.05	0.02	0.06	0.029	0.05	14.3	13.8	0.72	693	1.81	<0.01
ZZ85674		0.99	68.5	2.58	3.44	<0.05	<0.02	0.06	0.022	0.08	12.5	13.9	0.68	535	1.53	<0.01
ZZ85675		0.78	40.4	1.88	3.10	<0.05	0.02	0.06	0.019	0.05	10.7	11.4	0.51	821	1.47	<0.01
ZZ85676		0.83	66.6	2.43	2.88	<0.05	0.02	0.07	0.019	0.05	9.7	12.0	0.45	1470	3.24	<0.01
ZZ85677		0.68	70.9	2.36	3.31	0.05	0.05	0.06	0.030	0.06	10.3	13.5	0.77	1140	1.19	<0.01
ZZ85678		0.90	37.9	2.64	3.74	0.05	0.06	0.06	0.039	0.09	12.9	14.0	1.61	517	1.05	0.01
ZZ85679		0.94	36.9	3.43	4.77	0.06	0.06	0.04	0.027	0.12	15.4	19.2	2.66	920	1.04	0.01

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Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145825

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ85764		4.28	35.3	1100	17.2	15.4	<0.001	0.05	1.38	2.7	1.2	0.4	37.4	<0.01	0.08	3.0
ZZ85765		8.09	62.1	3100	12.8	15.9	<0.001	0.01	0.84	4.5	0.7	0.5	94.0	0.01	0.05	3.9
ZZ85766		3.62	39.9	970	13.5	14.5	<0.001	0.06	1.08	3.3	1.1	0.3	83.1	0.01	0.05	5.1
ZZ85767		3.27	24.5	490	18.5	19.0	<0.001	0.03	0.87	1.7	0.7	0.5	67.8	0.01	0.09	2.2
ZZ85768		6.67	60.7	2400	10.0	25.7	0.006	0.10	0.65	5.7	5.0	0.3	205	0.02	0.04	1.8
ZZ85769		4.27	36.7	1210	14.3	16.0	<0.001	0.07	0.66	2.8	1.7	0.5	57.1	0.01	0.08	0.5
ZZ85770		4.08	50.8	1940	13.5	10.0	0.001	0.07	0.55	7.2	1.7	0.4	123.5	0.01	0.04	2.1
ZZ85771		8.70	59.1	2270	7.9	28.3	0.002	0.11	0.43	8.4	1.7	0.3	217	0.02	0.03	2.2
ZZ85772		7.66	68.5	1710	8.6	35.1	<0.001	0.07	0.44	5.3	0.8	0.3	139.0	0.01	0.03	1.3
ZZ85773		6.88	50.4	1670	6.8	40.9	<0.001	0.06	0.36	7.6	0.7	0.4	133.0	0.01	0.03	1.2
ZZ85774		8.93	72.2	1610	8.2	39.3	<0.001	0.06	0.40	5.2	0.7	0.3	145.5	0.02	0.03	1.5
ZZ85775		7.28	76.8	1930	9.6	27.7	<0.001	0.06	0.48	7.7	0.8	0.3	162.0	0.02	0.03	1.8
ZZ85776		2.79	117.0	1510	8.4	17.0	<0.001	0.08	0.45	12.5	1.1	0.3	168.0	0.01	0.03	0.9
ZZ85777		1.52	114.0	1190	14.1	10.8	<0.001	0.08	0.52	9.3	1.3	0.2	147.5	0.01	0.04	1.5
ZZ85778		3.43	84.8	1220	12.9	18.3	<0.001	0.07	0.49	7.8	1.2	0.3	138.0	0.01	0.04	1.7
ZZ85779		6.82	89.1	2230	12.7	25.1	<0.001	0.03	0.51	11.7	0.8	0.3	106.5	0.01	0.03	3.6
ZZ85780		5.69	93.1	4120	5.9	50.9	<0.001	0.02	0.36	16.6	0.7	0.3	199.5	0.01	0.03	4.7
ZZ85781		9.55	81.4	2350	8.8	40.9	<0.001	0.05	0.49	10.2	0.8	0.4	135.0	0.01	0.03	3.4
ZZ85782		9.45	84.7	2340	9.0	58.4	<0.001	0.05	0.54	12.7	0.7	0.4	146.5	0.01	0.03	4.2
ZZ85783		9.60	82.8	2430	7.9	64.6	<0.001	0.07	0.56	13.9	0.9	0.4	192.0	0.01	0.03	3.0
ZZ85784		11.45	70.1	2350	10.5	31.7	<0.001	0.06	0.56	11.2	1.4	0.4	137.5	0.02	0.04	4.3
ZZ85785		5.28	48.1	2200	17.2	49.9	0.001	0.06	0.59	6.4	1.0	0.5	102.5	<0.01	0.05	6.0
ZZ85786		5.60	53.0	1690	11.6	31.5	0.001	0.06	0.59	8.5	0.9	0.3	140.5	0.01	0.04	2.5
ZZ86941		6.91	79.8	2140	8.9	46.2	<0.001	0.06	0.39	11.3	0.7	0.4	145.0	0.01	0.01	3.4
ZZ86942		6.78	56.2	2110	7.4	36.9	0.001	0.08	0.35	9.4	0.7	0.3	146.5	0.01	0.02	2.5
ZZ86943		5.91	54.2	2010	13.8	31.7	0.001	0.08	0.64	6.8	1.2	0.3	130.0	0.01	0.04	3.4
ZZ86944		1.86	34.6	900	20.8	14.7	0.001	0.09	0.58	1.1	0.6	0.2	34.1	<0.01	0.06	0.5
ZZ86945		5.52	43.8	1150	27.5	14.3	<0.001	0.06	0.83	2.4	0.7	0.3	45.9	0.03	0.05	2.5
ZZ86946		1.80	35.1	1110	25.3	8.9	0.001	0.04	1.01	4.2	1.0	0.3	43.5	0.01	0.03	2.4
ZZ86947		1.53	34.6	990	29.3	8.4	<0.001	0.02	0.87	4.4	0.7	0.3	34.1	<0.01	0.04	2.6
ZZ86948		2.16	37.7	950	16.7	8.8	<0.001	0.06	0.57	3.7	0.9	0.2	90.2	0.01	0.01	1.8
ZZ85671		0.93	27.6	1030	21.2	6.7	<0.001	0.03	1.04	3.0	0.5	0.2	39.8	<0.01	0.04	1.5
ZZ85672		0.52	44.8	1220	18.2	8.7	0.001	0.05	1.01	2.1	1.2	0.3	50.3	<0.01	0.07	0.8
ZZ85673		0.73	32.3	1280	19.1	8.0	0.001	0.03	0.94	2.6	1.0	0.3	37.6	<0.01	0.07	1.0
ZZ85674		0.64	33.2	1140	17.9	10.3	0.006	0.05	0.93	2.3	2.0	0.3	52.0	<0.01	0.06	0.9
ZZ85675		0.53	22.9	940	11.9	8.5	0.003	0.04	0.68	2.0	1.2	0.2	50.5	<0.01	0.05	0.9
ZZ85676		0.30	34.4	1590	18.1	8.7	0.005	0.07	0.92	1.2	3.0	0.2	62.4	<0.01	0.08	0.4
ZZ85677		0.83	37.0	1180	18.0	9.0	0.003	0.09	0.99	2.6	2.6	0.3	53.5	<0.01	0.05	1.0
ZZ85678		1.53	30.0	930	22.6	8.8	0.002	0.03	0.95	3.8	1.3	0.3	50.3	<0.01	0.02	2.8
ZZ85679		3.64	26.5	2170	22.7	8.1	0.001	0.01	0.88	3.1	0.8	0.3	107.0	<0.01	0.04	2.8

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CERTIFICATE OF ANALYSIS WH13145825

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
ZZ85764		0.116	0.12	1.32	64	0.25	4.16	102	1.5
ZZ85765		0.276	0.09	0.90	111	0.38	10.45	94	3.5
ZZ85766		0.085	0.13	1.26	47	0.30	12.45	88	3.2
ZZ85767		0.124	0.14	0.99	40	0.08	3.29	57	2.3
ZZ85768		0.183	0.14	3.64	108	0.21	9.52	94	1.7
ZZ85769		0.147	0.12	1.04	92	0.21	4.28	103	0.6
ZZ85770		0.152	0.10	2.27	125	0.16	11.70	112	1.3
ZZ85771		0.239	0.10	1.36	137	0.24	8.23	92	2.0
ZZ85772		0.237	0.10	0.40	134	0.18	8.12	92	1.6
ZZ85773		0.264	0.10	0.33	158	0.14	6.88	94	1.5
ZZ85774		0.244	0.12	0.36	131	0.21	7.03	92	1.7
ZZ85775		0.196	0.12	0.99	135	0.19	8.91	89	1.8
ZZ85776		0.105	0.13	0.94	141	0.08	13.90	80	1.3
ZZ85777		0.068	0.10	1.04	111	0.07	15.20	81	1.6
ZZ85778		0.108	0.14	1.40	114	0.13	14.20	95	1.9
ZZ85779		0.231	0.11	0.50	159	0.16	10.65	106	1.8
ZZ85780		0.350	0.16	0.32	236	0.16	8.45	114	2.3
ZZ85781		0.278	0.12	0.67	166	0.24	8.51	104	2.3
ZZ85782		0.317	0.19	0.51	188	0.17	8.86	106	2.7
ZZ85783		0.351	0.21	0.82	206	0.13	9.11	111	3.0
ZZ85784		0.263	0.14	1.44	178	0.16	11.40	125	3.2
ZZ85785		0.338	0.23	1.10	109	0.11	11.45	120	2.6
ZZ85786		0.207	0.18	1.24	138	0.11	8.57	127	2.4
ZZ86941		0.276	0.18	0.45	158	0.12	8.44	100	2.3
ZZ86942		0.256	0.12	0.46	156	0.13	7.21	96	1.9
ZZ86943		0.173	0.13	1.71	100	0.17	11.65	135	2.9
ZZ86944		0.060	0.09	0.79	41	0.09	4.11	87	0.5
ZZ86945		0.079	0.11	0.86	53	0.19	10.90	79	2.0
ZZ86946		0.059	0.09	0.73	54	0.16	9.22	119	2.6
ZZ86947		0.057	0.10	0.49	56	0.17	9.98	128	1.5
ZZ86948		0.074	0.07	0.97	56	0.10	7.39	94	1.0
ZZ85671		0.035	0.09	0.88	35	0.18	10.15	122	1.4
ZZ85672		0.023	0.10	2.00	35	0.17	12.70	143	0.7
ZZ85673		0.033	0.10	1.48	42	0.16	10.20	116	0.5
ZZ85674		0.031	0.11	1.99	37	0.18	8.97	121	<0.5
ZZ85675		0.019	0.10	2.47	26	0.11	6.11	69	0.6
ZZ85676		0.014	0.09	4.38	26	0.11	11.25	84	0.5
ZZ85677		0.025	0.10	2.27	37	0.15	9.52	154	2.0
ZZ85678		0.063	0.11	0.68	45	0.21	7.77	122	2.0
ZZ85679		0.103	0.08	0.58	61	0.21	9.16	124	2.3

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

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

Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145825

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ85680		0.22	0.002	0.12	1.05	17.5	<0.2	<10	190	0.34	0.26	0.58	0.40	22.0	16.1	20
ZZ85681		0.29	0.001	0.06	1.77	21.6	<0.2	<10	250	0.48	0.31	0.18	0.19	25.2	12.2	29
ZZ85682		0.18	0.004	0.32	2.31	25.9	<0.2	<10	430	0.70	0.43	0.30	0.25	26.1	16.4	38
ZZ85683		0.33	0.003	0.28	1.50	16.2	<0.2	<10	150	0.64	0.33	2.21	0.47	29.4	11.9	33
ZZ85684		0.30	0.001	0.32	1.24	16.7	<0.2	<10	170	0.54	0.32	2.55	0.42	25.2	11.8	26
ZZ85685		0.25	0.003	0.23	1.60	24.5	<0.2	<10	310	0.50	0.37	0.21	0.39	23.1	13.8	26
ZZ85686		0.34	0.001	0.31	1.08	14.2	<0.2	<10	240	0.43	0.33	3.69	0.75	25.1	12.4	20
ZZ85687		0.46	0.001	0.22	1.25	13.8	<0.2	<10	220	0.58	0.33	4.65	0.61	29.4	12.0	29
ZZ85688		0.43	0.002	0.28	1.26	14.2	<0.2	<10	170	0.49	0.33	2.71	0.56	27.7	12.1	28
ZZ85689		0.17	0.001	0.30	0.88	15.9	<0.2	<10	200	0.36	0.31	1.16	0.28	16.60	13.1	13
ZZ85690		0.36	0.001	0.29	0.74	19.3	<0.2	<10	190	0.23	0.39	0.34	0.20	18.00	14.3	8
ZZ85691		0.19	0.009	1.03	1.36	21.7	<0.2	<10	520	0.28	0.34	0.07	0.82	29.1	7.4	29
ZZ85692		0.40	0.005	0.27	1.66	17.2	<0.2	<10	220	0.76	0.37	0.89	0.46	38.2	12.7	29
ZZ85693		0.24	0.006	0.68	1.43	15.5	<0.2	<10	290	0.63	0.34	0.77	0.86	27.7	11.8	27
ZZ85694		0.27	0.002	0.55	1.35	14.4	<0.2	<10	290	0.66	0.33	1.78	0.43	23.2	9.2	25
ZZ85695		0.28	0.035	1.94	1.06	25.2	<0.2	<10	370	0.37	0.29	0.97	0.60	20.3	8.0	20
ZZ85696		0.38	0.003	0.28	1.07	13.8	<0.2	<10	180	0.43	0.33	4.89	0.78	26.1	12.0	23
ZZ85697		0.43	0.002	0.31	0.96	13.2	<0.2	<10	160	0.48	0.27	5.05	0.53	23.0	10.9	22
ZZ85698		0.32	0.039	0.82	1.21	16.7	<0.2	<10	230	0.51	0.29	2.85	0.66	25.4	12.9	28
ZZ85699		0.43	0.014	0.79	1.41	20.7	<0.2	<10	390	0.43	0.35	0.11	0.50	33.0	10.9	33
ZZ85700		0.28	0.004	1.76	1.42	18.1	<0.2	<10	220	0.43	0.34	0.08	0.55	30.2	9.2	29
ZZ85701		0.34	0.012	1.35	1.15	19.1	<0.2	<10	200	0.37	0.31	0.11	0.46	30.5	10.6	28
ZZ85702		0.27	0.006	0.65	1.14	9.6	<0.2	<10	200	0.29	0.28	0.09	0.53	23.1	5.2	19
ZZ85703		0.28	0.003	0.31	0.93	8.0	<0.2	<10	160	0.25	0.24	0.10	0.45	20.3	4.0	16
ZZ85704		0.38	0.007	0.35	1.02	21.1	<0.2	<10	150	0.27	0.30	0.07	0.44	29.9	10.3	18
ZZ85705		0.26	0.009	0.63	0.95	18.5	<0.2	<10	170	0.29	0.32	0.08	0.63	25.1	8.1	17
ZZ85706		0.36	0.008	0.80	1.53	20.9	<0.2	<10	360	0.60	0.21	0.87	0.99	34.4	12.8	44
ZZ85707		0.32	0.006	0.34	2.07	14.7	<0.2	<10	250	0.67	0.25	0.55	0.41	32.2	23.6	65
ZZ85708		0.18	0.005	0.29	1.33	7.2	<0.2	<10	270	0.48	0.14	2.48	0.45	16.70	12.3	40
ZZ85709		0.37	0.005	0.26	1.56	12.5	<0.2	<10	210	0.52	0.23	0.44	0.60	24.7	17.3	41
ZZ85710		0.39	0.004	0.17	1.74	13.8	<0.2	<10	210	0.48	0.23	0.44	0.20	24.1	16.6	37
ZZ86723		0.30	0.007	0.32	1.44	20.8	<0.2	<10	200	0.42	0.26	0.21	0.54	26.3	12.0	29
ZZ86724		0.44	0.008	0.28	1.41	20.2	<0.2	<10	240	0.36	0.25	0.21	1.11	30.4	17.4	30
ZZ86725		0.33	0.047	0.16	1.43	21.6	<0.2	<10	190	0.39	0.27	0.13	0.42	27.1	15.5	29
ZZ86726		0.35	0.007	0.21	1.36	21.7	<0.2	<10	250	0.38	0.30	0.13	0.49	27.4	15.8	27
ZZ86727		0.33	0.005	0.48	1.57	28.0	<0.2	<10	190	0.42	0.27	0.13	0.42	26.9	12.8	27
ZZ86728		0.39	0.002	0.16	1.29	16.1	<0.2	<10	100	0.30	0.24	0.05	0.29	19.85	7.3	22
ZZ86729		0.32	0.002	0.09	1.69	16.5	<0.2	<10	140	0.35	0.24	0.06	0.47	23.7	11.1	30
ZZ86730		0.36	0.002	0.36	0.97	11.5	<0.2	<10	70	0.15	0.29	0.04	0.19	19.60	3.5	16
ZZ86731		0.31	0.002	0.22	1.69	14.4	<0.2	<10	170	0.46	0.26	0.08	0.26	23.5	10.2	27

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145825

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ85680		0.44	52.5	2.27	2.79	<0.05	0.04	0.04	0.032	0.05	11.1	11.1	0.52	1280	1.56	<0.01
ZZ85681		0.79	45.3	3.02	4.86	<0.05	0.02	0.02	0.033	0.06	13.9	18.8	0.60	544	1.91	<0.01
ZZ85682		1.10	76.2	3.63	6.45	0.05	0.02	0.08	0.048	0.07	16.1	18.8	0.61	1010	2.33	<0.01
ZZ85683		0.66	38.1	3.14	4.07	0.05	0.04	0.07	0.048	0.06	16.3	15.2	1.58	718	1.41	<0.01
ZZ85684		0.60	40.6	2.85	3.40	<0.05	0.05	0.08	0.045	0.07	13.8	13.6	1.66	847	1.37	<0.01
ZZ85685		0.90	83.4	3.15	4.34	0.05	<0.02	0.07	0.039	0.07	13.6	14.0	0.43	1010	2.51	<0.01
ZZ85686		0.70	47.4	2.60	3.04	<0.05	0.06	0.07	0.035	0.09	12.6	12.8	2.14	734	1.60	0.01
ZZ85687		0.86	39.2	2.86	3.89	0.09	0.09	0.07	0.043	0.09	15.2	14.9	2.53	709	1.46	0.01
ZZ85688		0.71	46.7	2.81	3.44	<0.05	0.06	0.07	0.040	0.08	14.3	13.9	1.98	774	1.33	0.01
ZZ85689		0.33	61.1	2.51	2.04	<0.05	0.05	0.04	0.022	0.05	8.1	8.4	0.45	1320	1.58	<0.01
ZZ85690		0.48	47.6	2.04	1.79	<0.05	0.06	0.03	0.016	0.07	8.7	8.5	0.29	2340	1.78	<0.01
ZZ85691		2.65	94.4	3.27	4.19	0.05	<0.02	0.04	0.021	0.11	14.9	14.4	0.47	478	4.45	<0.01
ZZ85692		0.82	40.6	3.22	4.09	0.05	0.04	0.07	0.050	0.07	18.6	15.2	0.93	695	1.84	<0.01
ZZ85693		0.62	49.1	3.05	3.74	0.05	0.06	0.07	0.044	0.06	14.5	15.6	0.60	941	2.05	<0.01
ZZ85694		0.56	45.9	2.77	3.68	0.05	0.05	0.09	0.047	0.06	13.0	13.8	0.75	550	1.47	<0.01
ZZ85695		0.53	80.6	3.16	2.60	<0.05	0.10	0.10	0.041	0.06	11.5	9.7	0.43	412	3.30	0.01
ZZ85696		0.65	46.0	2.67	3.00	0.05	0.07	0.06	0.038	0.09	13.4	12.1	2.56	819	1.56	0.01
ZZ85697		0.61	39.2	2.61	3.13	0.07	0.07	0.07	0.043	0.08	12.1	12.8	2.70	654	1.49	0.01
ZZ85698		0.84	53.6	3.78	3.56	0.07	0.09	0.09	0.041	0.08	13.2	14.9	2.02	877	2.33	0.01
ZZ85699		0.89	76.9	4.22	4.43	0.07	0.05	0.04	0.033	0.08	18.0	15.4	0.52	411	4.20	0.01
ZZ85700		0.90	60.7	3.52	4.63	<0.05	0.05	0.05	0.031	0.07	16.4	15.3	0.40	430	3.98	<0.01
ZZ85701		0.53	81.4	3.73	3.51	0.05	0.05	0.04	0.029	0.06	16.0	13.2	0.46	505	4.82	0.01
ZZ85702		0.43	18.3	2.27	5.47	<0.05	<0.02	0.02	0.019	0.04	11.9	9.0	0.24	276	2.19	<0.01
ZZ85703		0.67	13.0	2.05	4.44	<0.05	<0.02	0.01	0.019	0.03	10.5	7.0	0.18	265	1.90	<0.01
ZZ85704		0.63	43.9	3.23	4.22	<0.05	<0.02	0.02	0.026	0.05	15.0	10.3	0.25	600	3.30	<0.01
ZZ85705		0.61	99.9	3.54	3.12	0.05	<0.02	0.05	0.032	0.04	12.9	8.6	0.23	401	5.55	<0.01
ZZ85706		0.85	67.5	3.76	4.97	0.06	0.02	0.15	0.030	0.06	18.9	20.5	0.90	598	3.12	0.01
ZZ85707		1.54	77.4	4.85	7.09	0.07	0.03	0.04	0.028	0.10	17.3	23.7	1.32	1350	2.92	0.01
ZZ85708		1.37	61.1	2.80	4.28	0.06	0.04	0.05	0.016	0.10	10.5	15.3	0.93	534	1.12	0.01
ZZ85709		1.71	83.1	3.67	4.85	0.05	0.02	0.03	0.023	0.16	13.8	19.6	0.83	1240	2.55	<0.01
ZZ85710		4.72	67.6	3.64	5.13	0.07	0.03	0.04	0.024	0.38	13.7	25.2	1.10	1160	1.16	<0.01
ZZ86723		1.56	89.5	3.14	4.49	0.06	<0.02	0.11	0.027	0.08	13.8	16.2	0.56	673	3.93	<0.01
ZZ86724		2.01	335	3.29	4.16	0.07	<0.02	0.05	0.023	0.10	16.0	14.8	0.59	1040	5.20	<0.01
ZZ86725		1.14	92.1	3.17	4.56	<0.05	<0.02	0.03	0.025	0.07	13.7	16.0	0.54	1070	3.33	<0.01
ZZ86726		1.03	84.9	3.09	4.12	0.05	<0.02	0.04	0.024	0.06	14.5	13.1	0.48	1220	2.56	<0.01
ZZ86727		1.32	62.0	3.18	4.61	0.05	0.02	0.04	0.026	0.07	13.7	17.5	0.49	780	2.60	<0.01
ZZ86728		0.71	26.3	2.71	5.11	<0.05	<0.02	0.02	0.021	0.03	10.1	12.8	0.27	450	1.79	<0.01
ZZ86729		1.09	28.2	3.11	5.20	<0.05	<0.02	0.02	0.033	0.05	11.1	16.9	0.42	621	1.80	<0.01
ZZ86730		0.69	12.9	2.41	5.82	<0.05	<0.02	0.02	0.017	0.03	9.8	4.8	0.15	364	1.91	<0.01
ZZ86731		1.06	37.1	2.90	5.90	<0.05	<0.02	0.04	0.027	0.04	12.3	14.3	0.37	750	2.52	<0.01

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ85680		0.73	36.6	790	17.9	4.6	<0.001	0.02	0.86	3.1	0.7	0.3	23.2	<0.01	0.05	2.3
ZZ85681		0.95	34.7	540	17.2	7.4	<0.001	0.02	0.76	3.6	0.6	0.5	18.9	<0.01	0.05	2.0
ZZ85682		0.95	44.6	950	23.8	9.7	<0.001	0.04	0.95	4.9	1.3	0.7	32.9	<0.01	0.07	1.4
ZZ85683		1.15	32.8	830	39.2	8.3	<0.001	0.02	1.02	4.4	0.9	0.4	29.9	<0.01	0.05	2.3
ZZ85684		0.79	32.8	910	38.2	8.1	0.001	0.02	1.21	4.1	0.7	0.4	30.9	<0.01	0.03	2.4
ZZ85685		0.49	45.3	1350	18.4	11.5	<0.001	0.04	0.81	2.2	1.1	0.4	28.5	<0.01	0.09	0.5
ZZ85686		0.68	31.7	890	31.6	7.9	<0.001	0.02	1.29	3.6	0.6	0.3	41.9	<0.01	0.05	3.0
ZZ85687		1.16	33.1	870	36.1	9.7	<0.001	0.01	1.31	4.8	0.6	0.4	58.3	0.02	0.05	4.9
ZZ85688		0.99	33.7	870	33.0	7.2	<0.001	0.02	1.06	4.2	0.8	0.4	49.7	<0.01	0.04	3.4
ZZ85689		0.32	27.6	720	19.1	6.2	0.004	0.06	0.68	1.8	2.1	<0.2	61.7	<0.01	0.08	1.2
ZZ85690		0.19	26.4	460	20.1	8.4	0.002	0.04	0.38	1.7	1.2	<0.2	59.1	<0.01	0.09	2.2
ZZ85691		0.72	32.7	580	17.6	22.7	<0.001	0.07	1.09	1.6	2.4	0.2	33.3	<0.01	0.15	1.0
ZZ85692		0.76	38.2	650	41.4	9.5	<0.001	0.01	1.06	4.9	1.0	0.4	20.7	<0.01	0.06	3.8
ZZ85693		0.75	35.4	670	29.3	8.7	<0.001	0.03	1.07	4.0	1.0	0.4	23.4	<0.01	0.05	2.1
ZZ85694		0.72	27.6	750	33.0	8.4	<0.001	0.05	1.19	2.9	1.2	0.4	29.6	<0.01	0.04	1.0
ZZ85695		0.53	36.1	1030	24.3	6.7	<0.001	0.08	1.92	2.5	3.6	0.3	44.5	<0.01	0.14	1.3
ZZ85696		0.91	33.4	850	32.6	7.2	<0.001	0.01	1.23	3.6	0.7	0.3	60.9	<0.01	0.04	3.4
ZZ85697		0.85	29.6	870	37.6	7.2	<0.001	0.02	1.47	3.3	0.6	0.4	58.3	<0.01	0.02	2.4
ZZ85698		0.78	37.3	1010	31.3	7.9	<0.001	0.03	1.43	3.9	1.4	0.3	40.5	<0.01	0.07	3.1
ZZ85699		1.11	42.2	600	26.3	9.4	<0.001	0.05	1.24	3.3	1.7	0.4	28.9	<0.01	0.12	3.4
ZZ85700		1.40	32.7	710	20.3	10.9	<0.001	0.03	1.00	2.8	1.4	0.4	24.6	<0.01	0.09	3.4
ZZ85701		0.95	42.6	730	22.1	5.7	<0.001	0.06	1.32	2.6	2.2	0.3	30.7	<0.01	0.11	3.2
ZZ85702		1.22	14.6	790	15.4	6.1	<0.001	0.01	0.60	1.7	0.9	0.6	10.3	<0.01	0.05	1.8
ZZ85703		1.26	12.3	500	15.6	7.5	<0.001	0.01	0.53	1.6	0.3	0.5	9.2	<0.01	0.04	1.7
ZZ85704		1.88	30.0	590	19.0	6.9	<0.001	0.02	0.74	1.6	0.8	0.4	12.7	<0.01	0.05	2.1
ZZ85705		0.50	45.4	990	19.0	6.1	<0.001	0.05	0.80	0.8	3.1	0.3	31.5	<0.01	0.08	0.3
ZZ85706		1.84	49.3	1750	18.7	10.2	0.002	0.08	1.29	2.4	3.1	0.3	112.5	<0.01	0.05	0.9
ZZ85707		3.08	52.8	1830	16.8	15.9	<0.001	0.05	0.82	3.9	1.3	0.3	71.4	<0.01	0.14	1.8
ZZ85708		2.08	37.6	1470	9.6	15.5	<0.001	0.10	0.77	2.1	0.9	0.2	119.5	0.01	0.05	0.7
ZZ85709		2.09	46.7	1420	14.1	17.4	<0.001	0.05	0.99	2.6	1.2	0.2	60.0	<0.01	0.10	1.1
ZZ85710		3.78	37.1	1400	15.9	41.0	<0.001	0.03	0.58	3.4	0.8	0.3	56.7	<0.01	0.14	2.4
ZZ86723		0.84	35.2	1430	15.5	13.6	<0.001	0.04	0.98	1.6	1.3	0.3	34.3	<0.01	0.09	0.5
ZZ86724		1.31	68.9	1280	15.2	19.7	0.001	0.05	1.08	2.0	1.5	0.3	39.3	<0.01	0.14	0.9
ZZ86725		1.34	37.0	1020	15.7	12.6	<0.001	0.03	0.94	2.2	1.2	0.4	25.2	<0.01	0.09	1.3
ZZ86726		1.08	35.8	840	16.5	11.9	<0.001	0.03	0.79	2.4	0.9	0.3	22.6	<0.01	0.07	1.0
ZZ86727		1.38	31.0	1070	14.7	17.6	<0.001	0.02	0.70	2.7	1.3	0.4	26.6	<0.01	0.09	2.9
ZZ86728		1.25	18.0	580	12.4	10.2	<0.001	0.02	0.60	1.9	0.4	0.5	7.0	<0.01	0.04	1.6
ZZ86729		1.40	24.3	450	16.9	12.2	<0.001	0.02	0.77	2.4	0.6	0.5	8.6	<0.01	0.05	2.2
ZZ86730		0.92	10.2	800	14.9	6.9	<0.001	0.02	0.56	1.0	0.2	0.6	6.8	<0.01	0.04	0.3
ZZ86731		0.81	17.9	900	16.1	11.1	<0.001	0.02	0.54	1.9	0.6	0.6	15.7	<0.01	0.05	0.5

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

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

Finalized Date: 28- AUG- 2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145825

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
ZZ85680		0.031	0.05	0.76	32	0.17	7.13	96	1.5
ZZ85681		0.028	0.10	0.63	52	0.19	5.54	110	0.5
ZZ85682		0.021	0.13	1.34	67	0.23	13.10	139	0.7
ZZ85683		0.037	0.10	0.75	51	0.23	12.50	152	1.3
ZZ85684		0.031	0.09	0.67	42	0.19	10.80	137	1.8
ZZ85685		0.016	0.09	2.12	44	0.18	9.26	134	<0.5
ZZ85686		0.030	0.10	0.85	36	0.18	9.33	137	2.3
ZZ85687		0.047	0.14	0.69	44	0.27	9.92	146	3.6
ZZ85688		0.041	0.11	0.63	42	0.20	9.69	146	2.5
ZZ85689		0.008	0.06	1.43	18	0.07	5.04	80	1.8
ZZ85690		0.005	0.06	1.52	9	<0.05	3.91	50	1.7
ZZ85691		0.053	0.23	1.62	50	0.08	3.56	121	0.8
ZZ85692		0.026	0.14	0.93	47	0.30	11.90	140	1.5
ZZ85693		0.023	0.11	1.32	42	0.21	10.55	153	2.2
ZZ85694		0.019	0.10	1.35	41	0.20	10.75	123	1.5
ZZ85695		0.016	0.08	2.27	31	0.14	8.39	133	3.8
ZZ85696		0.041	0.11	0.71	38	0.19	8.75	144	3.2
ZZ85697		0.034	0.10	0.74	37	0.22	9.70	131	2.3
ZZ85698		0.035	0.10	0.87	42	0.24	9.81	161	3.4
ZZ85699		0.033	0.11	1.23	48	0.17	7.22	141	2.3
ZZ85700		0.034	0.10	1.07	47	0.20	4.88	111	2.5
ZZ85701		0.038	0.08	1.46	40	0.15	4.61	137	2.5
ZZ85702		0.036	0.08	0.45	51	0.24	1.93	83	<0.5
ZZ85703		0.033	0.10	0.31	50	0.23	1.83	67	<0.5
ZZ85704		0.044	0.08	1.01	44	0.23	2.73	133	0.6
ZZ85705		0.012	0.06	2.75	30	0.13	2.93	167	<0.5
ZZ85706		0.063	0.08	1.68	55	0.15	9.66	187	0.7
ZZ85707		0.116	0.08	1.46	75	0.23	9.35	121	1.1
ZZ85708		0.065	0.08	1.38	49	0.11	8.89	81	1.7
ZZ85709		0.074	0.09	1.48	50	0.14	9.52	104	0.8
ZZ85710		0.128	0.20	1.23	56	0.09	9.38	82	1.5
ZZ86723		0.044	0.12	3.46	50	0.23	8.66	118	<0.5
ZZ86724		0.069	0.15	3.20	48	0.14	11.85	204	<0.5
ZZ86725		0.053	0.11	2.16	49	0.17	6.85	122	<0.5
ZZ86726		0.049	0.10	2.06	42	0.18	7.44	107	<0.5
ZZ86727		0.046	0.11	1.75	43	0.19	5.86	101	0.9
ZZ86728		0.032	0.09	0.55	52	0.26	2.37	78	<0.5
ZZ86729		0.043	0.13	0.55	54	0.27	2.51	129	<0.5
ZZ86730		0.036	0.09	0.34	64	0.23	1.51	58	<0.5
ZZ86731		0.030	0.12	1.94	55	0.25	6.20	77	<0.5

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145825

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ86732		0.48	0.002	0.18	1.15	9.0	<0.2	<10	120	0.24	0.28	0.10	0.35	24.4	3.5	18
ZZ86733		0.26	0.002	0.11	0.72	9.8	<0.2	<10	60	0.11	0.28	0.01	0.08	20.3	3.6	6
ZZ86734		0.33	0.003	0.06	0.92	23.4	<0.2	<10	110	0.30	0.36	0.04	0.16	19.25	20.6	12
ZZ86735		0.30	0.003	0.17	1.13	22.4	<0.2	<10	140	0.33	0.31	0.04	0.15	21.7	12.3	18
ZZ86736		0.23	0.060	0.32	0.90	27.1	<0.2	<10	120	0.22	0.31	0.03	0.19	22.2	13.3	12
ZZ86737		0.31	0.003	0.29	1.11	19.9	<0.2	<10	220	0.32	0.32	0.11	0.23	19.10	14.0	16
ZZ86738		0.33	0.012	1.03	1.37	14.6	<0.2	<10	250	0.28	0.25	0.03	0.24	23.9	14.4	27
ZZ86739		0.22	0.019	1.89	1.33	44.6	<0.2	<10	230	0.25	0.29	0.03	0.35	22.2	11.5	30
ZZ86740		0.27	0.017	1.10	1.72	26.1	<0.2	<10	380	0.25	0.30	0.03	0.47	22.8	14.0	31
ZZ86741		0.30	0.016	1.22	0.82	25.6	<0.2	<10	220	0.16	0.31	0.04	0.23	30.0	3.7	24
ZZ86742		0.45	0.027	2.36	1.29	35.4	<0.2	<10	240	0.35	0.41	0.04	0.91	33.5	11.5	23
ZZ86743		0.24	0.010	1.28	1.06	34.2	<0.2	<10	310	0.32	0.32	0.17	1.07	32.0	10.3	25
ZZ86744		0.48	0.021	2.12	1.06	30.1	<0.2	<10	280	0.36	0.38	0.04	0.55	34.4	7.8	22
ZZ86745		0.23	0.008	5.06	1.01	14.5	<0.2	<10	330	0.45	0.30	0.06	1.84	28.5	6.0	13
ZZ86746		0.33	0.017	2.74	1.03	21.7	<0.2	<10	190	0.32	0.32	0.04	0.53	33.4	7.1	17
ZZ86747		0.30	0.032	1.75	1.49	33.8	<0.2	<10	180	0.45	0.31	0.07	0.35	32.8	13.3	28
ZZ86748		0.29	0.035	1.78	1.51	20.7	<0.2	<10	250	0.42	0.41	0.15	0.64	28.3	11.3	35
ZZ86749		0.29	0.011	1.52	1.73	18.8	<0.2	<10	210	0.49	0.32	0.06	0.53	32.9	8.9	30
ZZ86750		0.31	0.023	4.60	1.59	25.6	<0.2	<10	190	0.41	0.35	0.08	0.65	28.8	9.3	34
ZZ86751		0.38	0.003	1.02	1.51	16.7	<0.2	<10	240	0.42	0.29	0.07	0.80	27.4	8.6	25
ZZ86752		0.26	0.004	0.97	1.81	15.0	<0.2	<10	200	0.52	0.26	0.08	0.64	25.9	9.5	30
ZZ86753		0.27	0.009	1.19	0.77	14.3	<0.2	<10	140	0.21	0.27	0.06	0.27	26.7	2.9	13
ZZ86859		0.22	0.002	1.45	1.46	17.7	<0.2	<10	160	0.40	0.29	0.11	0.59	26.6	12.0	27
ZZ86860		0.21	0.002	0.52	1.37	13.8	<0.2	<10	170	0.30	0.26	0.09	0.47	21.9	8.8	24
ZZ86861		0.30	0.008	0.40	1.66	79.8	<0.2	<10	130	0.47	0.36	0.05	0.69	41.0	22.5	28
ZZ86862		0.32	0.070	1.48	0.40	33.3	<0.2	<10	210	0.17	0.30	0.27	0.96	34.3	5.8	8
ZZ86863		0.25	0.006	0.72	1.68	10.3	<0.2	<10	230	0.46	0.30	0.19	0.50	31.3	12.3	47
ZZ86864		0.34	0.004	0.22	2.30	11.5	<0.2	<10	170	0.82	0.17	0.37	0.13	35.9	18.8	77
ZZ86865		0.36	0.003	0.07	2.78	10.3	<0.2	<10	250	1.25	0.11	0.71	0.12	53.5	25.9	109
ZZ86866		0.32	0.001	0.03	2.19	8.8	<0.2	<10	250	0.82	0.14	0.64	0.09	37.3	19.0	70
ZZ86867		0.46	0.003	0.04	2.62	10.4	<0.2	<10	360	1.32	0.15	0.61	0.10	49.3	23.6	87
ZZ86868		0.36	0.003	0.11	3.06	10.2	<0.2	<10	510	1.48	0.10	1.04	0.15	41.2	30.0	129
ZZ86869		0.36	0.002	0.21	2.70	11.8	<0.2	<10	520	1.33	0.12	3.16	0.29	37.5	30.3	98
ZZ86870		0.28	0.002	0.23	2.57	7.3	<0.2	<10	410	0.96	0.10	1.61	0.45	38.9	25.5	110
ZZ86871		0.12	0.005	0.43	2.30	6.6	<0.2	<10	570	0.63	0.08	1.87	0.73	30.3	22.9	81
ZZ86872		0.19	<0.001	0.08	2.76	5.5	<0.2	<10	550	1.47	0.05	2.10	0.13	29.6	29.8	137
ZZ86873		0.32	0.001	0.07	3.13	4.7	<0.2	<10	910	1.75	0.08	1.72	0.12	29.0	34.6	178
ZZ86874		0.29	0.001	0.07	2.99	3.1	<0.2	<10	1040	2.20	0.06	2.32	0.18	29.5	36.5	137
ZZ86875		0.37	0.001	0.06	3.32	4.6	<0.2	<10	680	1.94	0.06	1.57	0.05	31.8	34.2	155
ZZ86876		0.53	0.003	0.20	3.98	20.1	<0.2	<10	310	1.38	0.06	0.82	0.27	35.6	44.1	139

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ86732		0.88	16.4	2.36	5.79	<0.05	<0.02	0.02	0.018	0.03	12.9	8.2	0.19	168	1.72	<0.01
ZZ86733		0.78	22.1	1.28	3.54	<0.05	<0.02	0.01	0.010	0.03	10.6	2.1	0.04	156	3.39	<0.01
ZZ86734		0.58	48.6	3.29	2.21	<0.05	0.02	0.03	0.020	0.06	9.4	9.4	0.25	2380	2.23	<0.01
ZZ86735		0.69	42.5	2.77	3.31	<0.05	<0.02	0.03	0.020	0.04	10.3	10.5	0.27	1310	2.07	<0.01
ZZ86736		0.67	72.2	3.02	2.57	<0.05	0.02	0.02	0.016	0.06	10.9	7.6	0.25	1280	3.77	<0.01
ZZ86737		0.78	48.2	2.84	3.24	<0.05	<0.02	0.03	0.017	0.07	9.3	10.4	0.28	1780	2.71	<0.01
ZZ86738		2.56	84.4	3.76	4.36	0.05	0.03	0.02	0.019	0.16	11.9	17.6	0.49	567	1.57	<0.01
ZZ86739		3.37	111.0	3.83	3.94	0.05	0.03	0.04	0.019	0.20	10.9	14.4	0.49	429	2.51	<0.01
ZZ86740		5.83	158.0	4.20	4.95	0.08	0.07	0.02	0.020	0.36	11.4	20.6	0.88	366	3.84	<0.01
ZZ86741		1.93	69.0	3.35	4.35	0.05	<0.02	0.03	0.015	0.09	16.0	4.2	0.18	118	4.26	<0.01
ZZ86742		1.11	152.5	4.08	3.25	0.06	0.03	0.08	0.050	0.08	17.2	10.4	0.29	286	12.75	0.02
ZZ86743		1.13	116.0	3.82	3.21	0.06	0.03	0.03	0.034	0.08	16.8	10.3	0.46	479	9.14	0.01
ZZ86744		0.71	104.5	4.19	2.98	0.07	0.02	0.07	0.041	0.07	18.9	8.1	0.25	363	10.95	0.02
ZZ86745		0.91	108.5	2.77	3.13	0.05	<0.02	0.07	0.021	0.06	15.7	3.4	0.09	692	3.70	0.01
ZZ86746		0.71	54.4	3.27	3.60	0.05	<0.02	0.06	0.027	0.06	17.7	7.9	0.17	527	4.32	0.01
ZZ86747		0.79	93.5	4.29	3.53	0.05	0.02	0.08	0.044	0.06	16.4	15.1	0.43	1030	4.55	0.02
ZZ86748		1.18	84.0	4.93	3.75	0.05	0.08	0.04	0.048	0.09	14.2	15.0	0.39	687	6.99	0.03
ZZ86749		1.15	81.6	3.50	4.37	0.05	0.05	0.06	0.033	0.06	16.9	16.7	0.41	269	3.65	0.01
ZZ86750		1.06	73.2	4.32	4.43	0.05	0.02	0.05	0.033	0.07	14.8	14.4	0.35	372	4.95	0.01
ZZ86751		0.93	25.6	3.02	5.55	<0.05	<0.02	0.03	0.028	0.06	13.9	18.3	0.34	472	2.09	<0.01
ZZ86752		1.02	45.1	3.41	5.39	<0.05	<0.02	0.05	0.028	0.06	13.2	18.3	0.44	522	2.39	<0.01
ZZ86753		0.66	19.2	2.01	3.95	<0.05	<0.02	0.03	0.017	0.05	14.5	3.7	0.10	246	2.52	0.01
ZZ86859		0.75	35.4	3.06	4.57	<0.05	<0.02	0.05	0.028	0.06	12.9	13.0	0.39	1060	2.23	<0.01
ZZ86860		0.79	17.1	2.98	5.44	<0.05	<0.02	0.04	0.025	0.04	11.1	14.7	0.32	798	1.72	<0.01
ZZ86861		0.82	80.7	3.70	4.29	0.05	<0.02	0.10	0.037	0.05	16.7	20.9	0.37	3840	6.08	<0.01
ZZ86862		0.54	60.1	4.16	1.73	0.05	<0.02	0.24	0.042	0.06	18.4	6.5	0.09	226	10.45	0.07
ZZ86863		0.95	64.3	3.85	6.63	0.05	0.02	0.04	0.022	0.10	16.0	13.1	0.82	487	2.03	0.01
ZZ86864		1.76	43.9	4.55	7.63	0.06	0.05	0.03	0.031	0.10	17.8	25.6	1.53	674	1.42	<0.01
ZZ86865		1.33	46.2	5.31	10.20	0.10	0.06	0.01	0.036	0.11	28.0	29.0	2.22	739	1.27	<0.01
ZZ86866		2.39	33.4	4.22	7.67	0.07	0.04	0.02	0.026	0.09	21.1	27.0	1.61	680	0.90	<0.01
ZZ86867		1.91	35.0	4.95	9.08	0.09	0.05	0.03	0.039	0.13	23.4	28.6	1.85	833	1.41	<0.01
ZZ86868		3.20	50.2	6.02	11.50	0.11	0.03	0.03	0.041	0.18	22.5	29.3	2.56	978	0.90	<0.01
ZZ86869		2.09	64.4	5.40	10.35	0.10	0.04	0.03	0.034	0.37	19.7	26.8	2.81	994	1.29	0.01
ZZ86870		1.26	62.1	4.91	9.84	0.10	0.04	0.06	0.033	0.08	20.4	23.5	2.20	669	2.82	<0.01
ZZ86871		1.26	88.6	4.17	7.42	0.10	0.05	0.10	0.030	0.10	15.2	22.4	1.95	957	3.10	0.01
ZZ86872		1.45	59.0	5.13	10.70	0.10	0.05	0.03	0.024	0.44	15.5	26.3	2.56	924	1.40	<0.01
ZZ86873		1.79	64.5	6.17	12.85	0.10	0.05	0.03	0.028	0.47	15.3	31.4	2.86	1010	0.40	<0.01
ZZ86874		2.07	65.5	5.92	12.85	0.11	0.04	0.03	0.018	0.67	15.5	33.0	2.81	1490	0.46	0.01
ZZ86875		2.26	64.2	6.15	13.05	0.11	0.06	0.02	0.020	0.58	17.0	34.6	3.11	986	0.50	<0.01
ZZ86876		5.06	194.5	6.66	13.65	0.15	0.03	0.01	0.082	0.77	19.3	29.2	3.68	1450	0.95	<0.01

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

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

Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145825

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ86732		1.18	9.7	1020	13.9	8.7	<0.001	0.01	0.48	1.8	0.4	0.6	14.7	<0.01	0.03	2.1
ZZ86733		0.54	12.5	340	9.7	6.7	<0.001	0.01	0.46	0.8	0.4	0.4	6.6	<0.01	0.07	1.4
ZZ86734		0.67	28.3	540	20.6	7.0	<0.001	0.02	0.56	1.3	0.6	0.2	9.1	<0.01	0.09	1.6
ZZ86735		1.04	20.6	490	14.1	9.6	<0.001	0.02	0.54	1.4	0.6	0.3	6.9	<0.01	0.08	1.5
ZZ86736		0.25	28.3	900	16.2	8.6	<0.001	0.04	0.76	0.7	0.8	0.2	19.8	<0.01	0.17	0.6
ZZ86737		0.38	24.1	950	16.3	13.3	0.001	0.04	0.61	0.9	0.8	0.3	24.6	<0.01	0.11	0.4
ZZ86738		1.39	46.7	330	15.4	27.2	<0.001	0.04	0.73	1.7	1.1	0.3	14.1	<0.01	0.13	2.8
ZZ86739		1.12	43.7	480	17.5	32.7	<0.001	0.08	0.98	1.6	1.9	0.2	16.7	<0.01	0.14	2.0
ZZ86740		0.77	55.2	380	17.5	53.8	<0.001	0.13	1.08	2.3	2.1	0.2	33.4	<0.01	0.17	2.9
ZZ86741		0.87	23.5	450	19.2	18.5	<0.001	0.08	1.08	1.0	1.3	0.3	32.8	<0.01	0.17	1.3
ZZ86742		0.57	57.0	810	30.8	10.5	<0.001	0.14	2.23	1.7	4.5	0.2	52.1	<0.01	0.21	2.2
ZZ86743		0.98	42.1	940	24.9	8.7	<0.001	0.09	1.84	2.4	3.1	0.2	53.5	<0.01	0.15	2.7
ZZ86744		0.47	41.5	930	29.0	8.8	0.001	0.13	2.21	1.8	5.7	0.3	43.0	<0.01	0.20	1.9
ZZ86745		0.31	34.2	1160	18.2	10.2	<0.001	0.09	0.85	0.4	2.1	0.3	27.0	<0.01	0.10	<0.2
ZZ86746		0.64	26.8	760	19.7	7.0	<0.001	0.08	1.10	1.3	1.9	0.4	29.3	<0.01	0.10	1.5
ZZ86747		1.27	47.8	1010	21.4	7.0	<0.001	0.10	1.76	2.2	2.9	0.3	54.8	<0.01	0.12	1.9
ZZ86748		1.04	51.7	1280	24.7	8.4	<0.001	0.17	1.71	2.0	4.1	0.3	60.8	<0.01	0.25	2.6
ZZ86749		1.44	38.1	710	19.3	10.7	<0.001	0.04	0.98	2.6	1.9	0.4	34.3	0.01	0.10	4.1
ZZ86750		1.20	39.5	1170	20.6	9.4	<0.001	0.09	1.16	1.9	2.7	0.4	34.3	<0.01	0.13	2.4
ZZ86751		1.32	20.4	710	14.5	14.0	<0.001	0.02	0.64	2.2	0.4	0.6	12.1	<0.01	0.02	2.4
ZZ86752		1.30	26.1	690	14.0	11.9	<0.001	0.02	0.63	2.4	0.5	0.5	12.7	<0.01	0.02	1.8
ZZ86753		0.46	11.6	750	16.1	8.3	<0.001	0.07	0.68	0.5	1.1	0.5	17.1	<0.01	0.07	0.2
ZZ86859		1.45	29.6	1160	16.5	8.7	<0.001	0.03	0.72	1.8	0.5	0.4	16.1	<0.01	0.06	0.9
ZZ86860		1.29	19.3	750	14.9	7.9	<0.001	0.02	0.51	1.6	0.2	0.6	12.8	<0.01	0.02	0.8
ZZ86861		1.94	59.1	670	19.1	10.3	<0.001	0.02	0.78	2.4	0.8	0.5	16.7	0.01	0.11	2.6
ZZ86862		0.24	34.2	1050	23.3	5.5	<0.001	0.33	2.35	0.5	3.0	0.2	132.0	<0.01	0.10	0.7
ZZ86863		4.00	30.5	1010	15.4	11.7	<0.001	0.06	0.67	2.0	0.5	0.5	36.3	0.01	0.04	0.5
ZZ86864		5.95	46.1	1190	13.0	14.4	<0.001	0.02	0.56	4.8	0.6	0.5	36.7	0.01	0.02	3.8
ZZ86865		6.76	59.6	2060	13.9	10.7	<0.001	0.03	0.49	7.1	0.8	0.5	68.7	0.01	0.01	4.6
ZZ86866		3.93	42.0	1400	11.7	15.9	<0.001	0.02	0.47	5.2	0.4	0.4	55.6	<0.01	0.02	3.7
ZZ86867		3.45	48.6	1670	14.1	13.8	<0.001	0.02	0.58	8.0	0.8	0.5	56.0	0.01	0.01	4.5
ZZ86868		3.65	62.2	2470	11.8	19.9	<0.001	0.02	0.41	9.1	0.3	0.4	81.9	0.01	<0.01	3.0
ZZ86869		3.06	59.3	2400	17.2	30.0	<0.001	0.02	0.51	7.5	0.6	0.4	163.5	<0.01	0.01	3.2
ZZ86870		5.48	61.3	2490	10.5	9.9	0.005	0.06	0.52	6.4	2.2	0.3	135.0	0.01	<0.01	2.4
ZZ86871		2.12	51.9	1980	8.3	9.6	0.002	0.15	0.61	4.6	3.3	0.2	209	0.01	0.01	1.2
ZZ86872		7.35	64.5	2500	6.1	34.6	<0.001	0.06	0.28	4.9	0.4	0.3	165.5	0.01	<0.01	1.6
ZZ86873		7.62	80.5	2420	6.8	32.5	<0.001	0.03	0.22	5.5	0.3	0.3	101.5	0.01	<0.01	2.0
ZZ86874		7.61	71.4	2470	5.6	45.8	<0.001	0.04	0.17	5.4	0.4	0.3	126.5	0.01	<0.01	2.1
ZZ86875		7.69	74.3	2640	5.3	40.2	<0.001	0.02	0.19	5.3	0.3	0.3	108.5	0.01	<0.01	2.4
ZZ86876		1.44	102.5	1750	9.7	59.0	<0.001	0.01	0.30	43.0	0.6	0.3	57.8	<0.01	<0.01	2.2

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28- AUG- 2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145825

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
ZZ86732		0.035	0.11	0.74	56	0.22	3.06	78	<0.5
ZZ86733		0.012	0.11	0.61	25	0.13	1.24	40	<0.5
ZZ86734		0.017	0.06	1.07	16	0.10	2.56	76	<0.5
ZZ86735		0.020	0.08	0.93	29	0.15	2.38	65	<0.5
ZZ86736		0.010	0.08	1.76	18	0.07	3.82	74	<0.5
ZZ86737		0.015	0.08	1.34	24	0.13	4.44	78	<0.5
ZZ86738		0.064	0.21	0.73	43	0.09	2.04	137	1.5
ZZ86739		0.075	0.31	1.25	45	0.08	2.25	137	1.6
ZZ86740		0.115	0.56	1.70	50	0.05	3.36	175	4.3
ZZ86741		0.054	0.24	1.00	64	0.08	1.90	106	<0.5
ZZ86742		0.023	0.22	4.35	42	0.15	4.24	219	1.7
ZZ86743		0.048	0.18	3.35	42	0.15	6.65	195	1.8
ZZ86744		0.020	0.14	2.88	43	0.15	5.05	203	0.9
ZZ86745		0.012	0.07	2.33	30	0.12	7.87	88	<0.5
ZZ86746		0.020	0.11	1.41	36	0.14	3.05	126	<0.5
ZZ86747		0.037	0.11	3.38	40	0.16	4.68	157	0.8
ZZ86748		0.038	0.10	2.27	45	0.17	3.53	190	3.6
ZZ86749		0.039	0.13	2.21	46	0.18	4.30	112	3.0
ZZ86750		0.037	0.12	1.71	52	0.16	2.84	150	0.9
ZZ86751		0.032	0.12	0.75	53	0.25	2.74	110	<0.5
ZZ86752		0.042	0.11	0.92	54	0.23	2.72	117	<0.5
ZZ86753		0.024	0.09	0.56	37	0.14	1.64	68	<0.5
ZZ86859		0.048	0.09	0.85	50	0.23	3.00	101	<0.5
ZZ86860		0.040	0.12	0.69	59	0.22	2.07	115	<0.5
ZZ86861		0.041	0.06	2.37	41	0.16	4.19	114	0.5
ZZ86862		0.009	0.11	2.44	19	0.08	3.12	235	0.6
ZZ86863		0.141	0.07	1.28	74	0.17	5.49	86	0.8
ZZ86864		0.278	0.10	0.92	99	0.23	6.16	84	2.1
ZZ86865		0.330	0.08	0.78	126	0.25	11.00	87	2.7
ZZ86866		0.216	0.09	0.54	87	0.20	7.98	76	1.8
ZZ86867		0.252	0.10	1.03	112	0.28	12.30	92	2.4
ZZ86868		0.259	0.10	0.78	158	0.21	9.37	104	1.0
ZZ86869		0.269	0.15	0.69	133	0.21	10.65	109	1.6
ZZ86870		0.209	0.09	1.97	125	0.19	10.70	102	1.9
ZZ86871		0.123	0.15	2.81	89	0.09	15.90	104	2.5
ZZ86872		0.260	0.08	0.67	127	0.22	5.93	78	1.3
ZZ86873		0.314	0.09	0.30	148	0.25	7.56	93	1.5
ZZ86874		0.291	0.11	0.26	160	0.21	6.47	102	1.3
ZZ86875		0.327	0.12	0.38	156	0.29	7.13	92	1.5
ZZ86876		0.265	0.41	0.32	240	0.09	9.87	82	1.1

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Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145825

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ86877		0.32	0.003	0.12	4.02	8.7	<0.2	<10	500	1.71	0.06	1.81	0.34	30.9	43.5	256
ZZ86878		0.19	<0.001	0.25	3.01	18.6	<0.2	<10	160	0.59	0.15	1.36	0.29	32.4	36.7	241
ZZ86879		0.19	0.001	0.23	3.10	32.8	<0.2	<10	110	0.51	0.18	1.83	0.21	36.7	54.3	216
ZZ86880		0.28	0.001	0.17	3.32	17.9	<0.2	<10	260	0.84	0.15	1.20	0.24	42.5	41.7	215
ZZ86881		0.10	0.003	0.13	2.61	13.1	<0.2	<10	310	0.77	0.12	1.98	0.29	29.9	35.6	208
ZZ86882		0.31	0.001	0.10	3.11	12.8	<0.2	<10	400	1.07	0.12	1.13	0.15	36.1	37.2	233
ZZ86883		0.13	0.002	0.17	2.67	8.8	<0.2	<10	280	0.63	0.08	1.95	0.49	34.9	30.2	226
ZZ86884		0.45	0.001	0.08	4.11	9.5	<0.2	<10	950	2.59	0.06	2.16	0.16	51.9	39.4	225
ZZ86885		0.22	0.001	0.09	3.87	9.4	<0.2	<10	830	2.06	0.08	1.43	0.18	56.6	34.0	186
ZZ86886		0.24	0.001	0.10	3.68	21.9	<0.2	<10	650	2.26	0.08	1.68	0.49	53.3	39.1	219
ZZ86887		0.18	0.003	0.07	3.12	3.3	<0.2	<10	1050	1.45	0.05	2.20	0.15	29.4	35.1	121
ZZ86888		0.16	0.002	0.07	3.74	7.8	<0.2	<10	930	1.94	0.05	1.96	0.15	33.5	41.8	208
ZZ86889		0.23	0.003	0.07	0.49	46.2	<0.2	<10	100	0.06	0.33	0.03	0.07	34.6	7.7	5
ZZ86890		0.26	0.006	0.44	1.03	20.2	<0.2	<10	160	0.31	0.32	0.17	0.48	19.15	11.8	19
ZZ86891		0.21	0.016	0.76	0.80	37.4	<0.2	<10	130	0.23	0.35	0.30	0.76	23.8	11.6	15
ZZ86892		0.42	0.004	0.28	0.70	20.1	<0.2	<10	130	0.19	0.38	0.06	0.24	23.9	19.7	18
ZZ86893		0.38	0.012	0.36	0.94	11.2	<0.2	<10	130	0.21	0.30	0.13	0.15	24.8	17.0	20
ZZ86894		0.32	0.006	0.45	1.23	17.8	<0.2	<10	210	0.30	0.33	0.35	0.20	19.95	15.8	24
ZZ86895		0.30	0.003	0.26	1.27	14.4	<0.2	<10	300	0.36	0.37	0.30	0.61	25.9	17.6	24
ZZ86896		0.22	0.006	0.26	1.21	14.2	<0.2	<10	200	0.38	0.32	0.27	0.48	25.4	13.2	25
ZZ86897		0.36	0.007	0.22	1.20	13.4	<0.2	<10	200	0.31	0.28	0.24	0.19	22.3	15.1	23
ZZ86898		0.19	0.162	0.29	1.03	10.0	<0.2	<10	230	0.44	0.27	1.54	0.64	19.85	10.4	21
ZZ86899		0.22	0.005	0.31	1.13	10.2	<0.2	<10	230	0.44	0.31	0.95	0.50	23.0	11.8	23
ZZ86900		0.14	0.005	0.26	1.08	8.8	<0.2	<10	240	0.47	0.29	1.29	0.78	19.35	11.5	22
ZZ86901		0.25	0.005	0.29	1.23	11.9	<0.2	<10	340	0.48	0.30	0.70	1.33	24.7	13.3	23
ZZ86902		0.24	0.010	0.28	1.16	10.0	<0.2	<10	250	0.35	0.29	0.89	0.55	20.8	12.1	20
ZZ86903		0.31	0.004	0.36	1.29	12.2	<0.2	<10	220	0.42	0.32	0.97	0.58	21.9	14.3	27
ZZ86904		0.25	0.002	0.21	1.05	11.0	<0.2	<10	280	0.38	0.27	3.31	0.49	22.8	10.7	29
ZZ86905		0.32	0.002	0.27	1.29	15.1	<0.2	<10	630	0.61	0.41	2.77	0.65	25.2	11.1	31
ZZ86906		0.35	0.003	0.38	1.30	12.4	<0.2	<10	260	0.63	0.33	2.80	0.71	25.5	12.3	37
ZZ86907		0.37	0.004	0.25	1.04	12.1	<0.2	<10	280	0.45	0.30	5.27	0.69	24.1	9.9	24
ZZ86908		0.24	0.012	0.15	1.36	16.8	<0.2	<10	200	0.61	0.42	1.88	0.39	27.9	11.6	29
ZZ86909		0.12	0.009	0.19	0.89	7.7	<0.2	<10	220	0.32	0.23	1.99	0.38	13.95	8.6	17
ZZ86910		0.22	0.046	0.42	1.04	17.6	<0.2	<10	380	0.29	0.33	0.63	0.94	19.75	12.3	20
ZZ86911		0.39	0.005	0.25	1.06	12.9	<0.2	<10	200	0.47	0.32	4.93	0.60	24.9	9.0	23
ZZ86912		0.26	0.004	0.29	1.05	13.3	<0.2	<10	140	0.46	0.34	5.28	0.53	22.8	9.5	22
ZZ86913		0.44	0.003	0.30	0.92	13.6	<0.2	<10	260	0.39	0.30	5.21	0.62	19.45	9.8	23
ZZ86914		0.44	0.006	0.47	1.15	14.8	<0.2	<10	260	0.42	0.29	1.66	0.55	27.6	10.7	24
ZZ86915		0.24	0.010	0.78	1.49	25.7	<0.2	<10	290	0.38	0.33	0.12	0.45	30.3	9.2	30
ZZ86916		0.32	0.004	0.31	1.81	10.9	<0.2	<10	460	0.65	0.32	0.33	0.90	33.9	16.1	30

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

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

Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145825

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ86877		4.74	90.9	6.97	13.70	0.19	0.05	0.02	0.070	0.44	16.6	34.8	4.00	1250	0.75	<0.01
ZZ86878		2.10	111.5	5.63	9.06	0.14	0.04	0.04	0.045	0.16	18.7	24.5	2.87	846	1.23	<0.01
ZZ86879		1.36	129.0	5.98	10.50	0.13	0.05	0.04	0.045	0.10	22.3	27.5	2.79	1190	1.53	<0.01
ZZ86880		3.09	96.4	5.86	11.15	0.20	0.04	0.02	0.046	0.22	22.4	26.6	3.36	1190	1.20	<0.01
ZZ86881		1.39	69.3	4.54	8.65	0.10	0.03	0.05	0.043	0.07	15.1	20.4	2.52	1380	1.17	0.01
ZZ86882		2.17	63.8	5.41	10.70	0.12	0.03	0.03	0.047	0.12	19.2	27.8	3.20	1060	1.08	0.01
ZZ86883		1.41	56.8	4.65	9.12	0.16	0.06	0.04	0.039	0.12	18.8	19.5	2.53	619	1.26	0.01
ZZ86884		2.92	57.4	7.35	16.90	0.21	0.06	0.02	0.061	1.08	28.3	39.4	4.08	1030	0.49	<0.01
ZZ86885		2.25	54.2	6.81	15.80	0.24	0.05	0.02	0.062	0.76	31.0	36.5	3.64	1090	0.85	0.01
ZZ86886		2.54	63.1	6.89	14.60	0.22	0.06	0.04	0.070	0.52	28.0	33.6	3.87	845	1.42	0.01
ZZ86887		2.23	47.8	5.98	12.65	0.15	0.05	0.03	0.046	0.61	15.3	33.9	3.22	1230	0.36	0.01
ZZ86888		1.75	68.3	6.77	13.95	0.19	0.03	0.03	0.074	0.71	17.4	32.6	3.75	1200	0.48	0.01
ZZ86889		0.56	37.9	3.84	2.76	<0.05	<0.02	0.01	0.020	0.03	13.5	2.4	0.05	1540	1.75	<0.01
ZZ86890		0.87	108.0	3.47	3.39	<0.05	<0.02	0.04	0.027	0.05	11.0	9.0	0.20	2450	2.80	<0.01
ZZ86891		0.70	112.5	2.63	2.47	<0.05	<0.02	0.06	0.025	0.05	11.7	7.0	0.22	3180	2.57	<0.01
ZZ86892		0.86	37.8	2.86	3.06	<0.05	<0.02	0.04	0.023	0.07	11.4	6.2	0.18	3340	3.18	<0.01
ZZ86893		0.74	44.8	2.55	2.81	<0.05	0.02	0.05	0.026	0.05	12.3	10.0	0.38	1580	2.09	<0.01
ZZ86894		1.26	40.4	2.57	3.74	<0.05	<0.02	0.07	0.028	0.06	9.9	13.6	0.50	2360	1.89	<0.01
ZZ86895		1.01	42.5	2.90	3.77	<0.05	0.04	0.08	0.031	0.06	12.3	14.2	0.50	4320	1.94	<0.01
ZZ86896		0.95	53.0	2.53	3.72	<0.05	0.03	0.07	0.031	0.06	12.9	13.4	0.44	2750	1.89	<0.01
ZZ86897		1.17	46.9	2.46	3.54	<0.05	0.02	0.05	0.026	0.05	10.4	13.3	0.54	2410	1.76	<0.01
ZZ86898		0.57	46.2	2.33	2.91	<0.05	0.05	0.06	0.029	0.06	10.4	11.5	0.70	1280	1.01	0.01
ZZ86899		0.60	47.9	2.52	3.15	<0.05	0.05	0.07	0.031	0.06	11.4	12.6	0.59	1380	1.24	0.01
ZZ86900		0.64	52.4	2.36	2.90	<0.05	0.05	0.07	0.030	0.05	9.9	12.0	0.57	1240	0.88	0.01
ZZ86901		0.86	69.2	2.80	3.31	0.05	0.05	0.06	0.029	0.07	12.9	16.3	0.62	1420	1.61	0.01
ZZ86902		0.76	60.1	2.49	3.06	<0.05	0.05	0.05	0.023	0.06	11.3	13.5	0.58	1290	1.48	0.01
ZZ86903		1.06	70.1	2.99	3.58	0.05	0.05	0.04	0.026	0.06	11.4	15.9	0.81	1120	1.97	0.01
ZZ86904		0.54	26.1	2.55	3.14	0.05	0.04	0.06	0.031	0.07	11.5	12.9	2.09	1000	1.11	0.01
ZZ86905		0.63	46.9	3.08	3.57	<0.05	0.04	0.10	0.045	0.06	13.7	16.2	1.50	573	1.71	0.01
ZZ86906		0.76	39.5	2.93	3.93	0.05	0.04	0.09	0.044	0.06	13.4	15.0	1.66	1140	1.06	0.01
ZZ86907		0.62	32.1	2.72	2.94	0.05	0.05	0.06	0.037	0.08	12.3	12.4	2.95	833	1.54	0.01
ZZ86908		0.48	29.0	3.24	3.72	0.05	0.06	0.06	0.049	0.08	14.2	14.9	1.22	617	1.80	0.01
ZZ86909		0.39	25.2	1.93	2.23	<0.05	0.05	0.06	0.024	0.06	7.1	9.3	0.64	535	0.63	0.01
ZZ86910		0.81	56.5	2.81	2.62	<0.05	0.04	0.04	0.022	0.08	9.9	12.4	0.54	1310	2.00	0.01
ZZ86911		0.64	32.5	2.66	2.99	0.05	0.06	0.07	0.038	0.08	12.7	13.1	2.61	527	1.30	0.01
ZZ86912		0.58	30.4	2.61	2.92	0.05	0.06	0.08	0.059	0.08	11.9	12.7	3.28	585	1.38	0.01
ZZ86913		0.58	30.6	2.58	2.59	0.05	0.05	0.08	0.038	0.07	10.2	10.8	3.26	634	1.48	0.01
ZZ86914		0.56	47.6	3.06	3.27	0.05	0.08	0.06	0.032	0.08	14.4	13.1	1.18	628	2.00	0.01
ZZ86915		0.73	60.7	3.44	4.16	0.05	0.02	0.04	0.035	0.07	15.8	15.3	0.48	521	3.30	0.01
ZZ86916		0.71	56.0	3.36	4.67	0.05	0.05	0.06	0.040	0.09	18.3	19.4	0.52	2210	1.94	0.01

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145825

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ86877		2.74	119.5	2740	7.8	42.8	<0.001	0.02	0.24	18.8	0.6	0.3	101.5	<0.01	<0.01	2.3
ZZ86878		2.03	137.0	1460	12.9	23.0	<0.001	0.04	0.29	13.3	0.9	0.2	106.5	<0.01	0.04	2.2
ZZ86879		1.71	181.0	1380	15.3	19.1	<0.001	0.07	0.36	11.2	1.6	0.2	136.5	<0.01	0.02	2.2
ZZ86880		2.84	132.5	1780	9.4	34.1	<0.001	0.03	0.29	15.2	0.7	0.3	101.0	<0.01	0.02	3.2
ZZ86881		2.49	125.0	1170	8.8	11.6	<0.001	0.08	0.41	9.0	1.1	0.2	169.0	<0.01	<0.01	1.5
ZZ86882		3.72	115.0	1360	8.1	15.2	<0.001	0.04	0.34	11.0	0.7	0.3	103.0	<0.01	<0.01	2.7
ZZ86883		3.35	106.5	1730	6.8	20.0	<0.001	0.10	0.35	9.3	0.6	0.2	183.5	0.01	<0.01	2.5
ZZ86884		3.93	101.0	3240	7.5	61.0	<0.001	0.02	0.28	11.8	0.5	0.4	195.0	<0.01	0.01	4.2
ZZ86885		6.77	80.0	2360	8.9	52.9	<0.001	0.04	0.31	12.8	0.6	0.4	135.5	0.01	<0.01	4.5
ZZ86886		9.37	94.0	2940	7.9	38.0	0.001	0.05	0.38	18.0	1.2	0.6	140.0	0.01	0.01	3.2
ZZ86887		6.69	53.0	2530	5.0	35.8	<0.001	0.06	0.31	7.2	0.5	0.3	164.0	0.01	0.01	1.5
ZZ86888		6.54	89.8	2170	5.7	42.7	0.001	0.05	0.17	19.5	0.9	0.4	128.0	<0.01	0.01	2.0
ZZ86889		0.40	24.4	650	13.8	3.5	<0.001	0.01	0.38	1.0	0.4	0.5	4.2	<0.01	0.16	0.9
ZZ86890		0.41	37.5	1740	16.3	8.9	<0.001	0.02	0.47	1.4	1.6	0.4	39.6	<0.01	0.18	0.4
ZZ86891		0.28	32.2	1430	18.3	7.0	<0.001	0.04	0.44	1.6	2.8	0.3	47.5	<0.01	0.21	0.5
ZZ86892		0.20	24.9	1030	15.3	10.0	0.001	0.03	0.53	0.5	1.7	0.4	14.7	<0.01	0.10	<0.2
ZZ86893		0.66	29.1	640	17.7	6.3	<0.001	0.02	0.51	2.3	0.8	0.3	14.9	<0.01	0.08	2.0
ZZ86894		0.58	28.1	690	17.8	11.4	0.001	0.04	0.46	2.7	1.8	0.4	26.0	<0.01	0.08	1.1
ZZ86895		0.61	33.7	820	24.9	10.9	<0.001	0.03	0.59	3.0	1.5	0.4	23.5	<0.01	0.06	1.9
ZZ86896		0.60	32.7	810	18.8	8.7	<0.001	0.03	0.56	3.2	1.4	0.4	23.0	<0.01	0.07	1.7
ZZ86897		0.68	33.1	610	17.1	9.0	0.001	0.03	0.53	2.7	1.5	0.3	20.1	<0.01	0.08	1.4
ZZ86898		0.64	30.7	890	22.6	7.4	<0.001	0.06	0.87	2.5	1.1	0.3	31.3	<0.01	0.05	1.1
ZZ86899		0.58	30.7	860	23.3	7.7	<0.001	0.05	0.79	2.8	0.8	0.3	24.6	<0.01	0.06	1.4
ZZ86900		0.55	30.8	930	23.4	9.9	0.001	0.08	0.72	2.3	1.3	0.3	31.4	<0.01	0.05	0.9
ZZ86901		0.66	45.0	1040	22.4	11.2	0.002	0.04	0.91	3.0	1.9	0.3	42.5	<0.01	0.07	1.9
ZZ86902		0.52	31.0	1020	20.6	10.8	0.001	0.05	0.72	2.2	2.1	0.2	38.0	<0.01	0.06	1.4
ZZ86903		0.85	35.2	1180	20.9	10.6	<0.001	0.03	0.82	2.8	1.2	0.3	37.5	<0.01	0.09	2.4
ZZ86904		1.12	26.5	1140	22.5	6.2	0.004	0.06	0.71	2.9	2.4	0.3	48.9	<0.01	0.03	1.9
ZZ86905		1.07	30.1	620	51.7	7.4	<0.001	0.04	1.52	3.5	1.1	0.4	33.3	<0.01	0.04	1.6
ZZ86906		0.91	33.8	1060	30.6	8.4	<0.001	0.05	1.03	3.7	1.0	0.3	40.2	<0.01	0.02	1.3
ZZ86907		0.96	27.3	860	32.9	6.3	<0.001	0.02	1.24	3.3	0.8	0.3	50.7	<0.01	0.02	2.5
ZZ86908		0.93	30.0	590	44.8	7.1	<0.001	0.03	1.42	3.8	0.9	0.4	24.7	<0.01	0.03	2.6
ZZ86909		0.50	19.7	610	17.3	6.5	0.002	0.09	0.58	2.0	0.9	0.2	55.9	<0.01	0.04	1.1
ZZ86910		0.52	37.0	640	20.5	11.7	0.001	0.06	0.71	2.0	2.3	0.2	57.5	<0.01	0.07	1.5
ZZ86911		0.79	26.8	750	33.0	6.3	<0.001	0.02	1.21	3.5	0.7	0.3	52.6	<0.01	0.04	3.0
ZZ86912		0.63	27.3	800	38.9	6.4	<0.001	0.02	1.22	3.4	0.8	0.4	48.6	<0.01	0.04	2.6
ZZ86913		0.66	24.3	880	40.9	6.1	0.001	0.03	1.28	3.0	0.9	0.3	45.3	<0.01	0.04	1.8
ZZ86914		0.73	30.5	910	23.0	6.7	<0.001	0.02	1.05	3.4	1.2	0.3	30.5	<0.01	0.07	2.6
ZZ86915		0.92	35.1	790	19.6	6.5	<0.001	0.04	0.85	2.6	1.9	0.4	26.5	<0.01	0.11	1.7
ZZ86916		0.90	33.1	690	22.5	11.5	0.001	0.02	0.65	5.1	1.9	0.5	23.3	<0.01	0.05	3.6

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Finalized Date: 28- AUG- 2013
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CERTIFICATE OF ANALYSIS WH13145825

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
ZZ86877		0.241	0.24	0.52	218	0.12	11.75	97	2.1
ZZ86878		0.128	0.14	0.93	117	0.06	12.10	89	1.7
ZZ86879		0.073	0.14	0.98	105	0.05	21.1	85	1.9
ZZ86880		0.170	0.27	0.48	141	0.09	9.18	91	1.7
ZZ86881		0.117	0.13	0.82	123	0.07	6.81	89	1.3
ZZ86882		0.193	0.16	1.00	142	0.11	7.87	93	1.5
ZZ86883		0.121	0.14	0.85	120	0.07	7.21	92	3.2
ZZ86884		0.360	0.20	0.45	221	0.18	7.70	118	2.6
ZZ86885		0.358	0.20	0.64	199	0.11	7.93	113	2.4
ZZ86886		0.284	0.19	1.03	226	0.18	11.65	121	2.7
ZZ86887		0.299	0.09	0.38	149	0.15	6.05	93	1.6
ZZ86888		0.337	0.14	0.30	214	0.10	6.72	97	1.3
ZZ86889		0.008	0.07	0.23	31	0.18	1.61	53	<0.5
ZZ86890		0.019	0.07	1.31	37	0.17	6.88	114	<0.5
ZZ86891		0.013	0.07	2.09	22	0.11	9.19	68	<0.5
ZZ86892		0.016	0.10	0.75	31	0.15	2.27	81	<0.5
ZZ86893		0.030	0.09	0.94	30	0.14	3.56	95	0.6
ZZ86894		0.024	0.14	1.00	37	0.16	3.70	91	<0.5
ZZ86895		0.021	0.14	1.07	39	0.18	5.93	134	1.1
ZZ86896		0.022	0.10	1.06	39	0.18	8.36	108	0.9
ZZ86897		0.029	0.10	0.76	35	0.25	4.81	86	0.6
ZZ86898		0.023	0.08	1.09	33	0.12	8.69	130	1.7
ZZ86899		0.021	0.09	1.26	35	0.13	8.91	124	1.8
ZZ86900		0.021	0.09	1.31	33	0.10	8.96	137	1.5
ZZ86901		0.029	0.10	1.68	39	0.31	13.00	159	1.7
ZZ86902		0.023	0.10	2.10	31	0.16	10.10	120	1.5
ZZ86903		0.029	0.11	1.78	38	0.14	8.49	139	1.8
ZZ86904		0.041	0.08	0.69	40	0.12	7.73	125	1.3
ZZ86905		0.029	0.11	0.66	49	0.22	10.55	122	1.4
ZZ86906		0.033	0.10	0.66	50	0.22	10.15	144	1.3
ZZ86907		0.036	0.10	0.68	40	0.18	8.84	139	1.9
ZZ86908		0.026	0.10	0.87	50	0.27	9.53	142	1.9
ZZ86909		0.015	0.07	0.68	25	0.13	4.60	99	1.6
ZZ86910		0.022	0.10	1.89	27	0.10	5.42	125	1.3
ZZ86911		0.034	0.10	0.58	39	0.23	8.70	133	2.3
ZZ86912		0.027	0.11	0.69	38	0.20	9.42	149	2.1
ZZ86913		0.029	0.11	0.80	36	0.20	8.70	135	1.6
ZZ86914		0.033	0.08	0.73	40	0.23	8.89	134	2.3
ZZ86915		0.026	0.09	1.03	48	0.17	4.69	121	0.6
ZZ86916		0.023	0.09	1.02	55	0.19	11.70	162	1.6

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CERTIFICATE OF ANALYSIS WH13145825

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ86917		0.34	0.008	0.40	1.07	13.1	<0.2	<10	320	0.47	0.31	2.04	1.73	26.2	18.8	23
ZZ86918		0.31	0.008	0.93	1.49	11.5	<0.2	<10	180	0.42	0.28	0.40	0.91	22.3	14.5	43
ZZ86919		0.19	0.008	0.84	1.74	8.5	<0.2	<10	440	0.52	0.22	1.55	0.65	22.5	13.3	57
ZZ86920		0.31	0.008	0.13	2.30	9.4	<0.2	<10	420	1.00	0.20	1.12	0.33	46.3	22.9	88
ZZ86921		0.26	0.025	0.66	1.84	10.9	<0.2	<10	380	0.53	0.24	1.00	0.41	32.7	15.5	62
ZZ86922		0.32	0.009	0.91	1.90	12.9	<0.2	<10	270	0.53	0.24	0.44	0.49	39.9	14.2	60
ZZ86923		0.22	0.002	0.22	2.19	7.1	<0.2	<10	190	0.70	0.17	0.65	0.28	41.1	19.5	62
ZZ86924		0.27	0.006	0.29	2.14	10.1	<0.2	<10	280	0.69	0.23	0.84	0.31	43.7	21.6	67
ZZ86925		0.16	0.002	0.16	2.22	8.2	<0.2	<10	610	0.78	0.10	2.53	0.24	22.6	21.5	100
ZZ86926		0.18	0.004	0.27	1.61	5.0	<0.2	<10	360	0.81	0.09	3.27	0.65	23.6	15.8	59
ZZ86927		0.29	0.002	0.12	2.05	5.8	<0.2	<10	280	0.35	0.16	0.75	1.17	29.7	17.0	76
ZZ86928		0.34	0.003	0.20	2.74	6.7	<0.2	<10	490	0.69	0.12	1.24	0.54	47.0	25.3	98
ZZ86929		0.21	0.002	0.12	2.81	11.6	<0.2	<10	510	1.26	0.07	1.91	0.25	41.0	30.0	126
ZZ86930		0.26	0.002	0.08	2.77	4.5	<0.2	<10	690	1.20	0.08	2.43	0.12	24.5	29.3	109
ZZ86931		0.17	0.002	0.07	3.31	4.2	<0.2	<10	1180	1.39	0.07	2.00	0.14	19.90	33.9	105
ZZ86932		0.24	0.003	0.12	2.69	5.3	<0.2	<10	720	1.33	0.10	2.69	0.18	24.2	29.5	152
ZZ86933		0.23	0.005	0.15	3.07	7.8	<0.2	<10	590	1.19	0.11	2.48	0.36	29.8	34.9	158
ZZ86934		0.15	0.004	0.12	2.34	7.3	<0.2	<10	320	0.70	0.10	2.83	0.31	24.6	31.7	144
ZZ86935		0.26	0.003	0.16	2.22	17.8	<0.2	<10	250	0.62	0.10	2.66	0.38	27.3	31.8	185
ZZ86936		0.24	0.002	0.15	2.10	11.1	<0.2	<10	130	0.53	0.21	1.61	0.27	47.9	25.7	149
ZZ86937		0.18	0.002	0.15	2.76	14.8	<0.2	<10	420	1.18	0.11	2.42	0.47	36.1	32.6	182
ZZ86938		0.17	0.002	0.13	3.02	13.6	<0.2	<10	620	1.27	0.08	2.51	0.16	34.2	29.5	159
ZZ86939		0.18	0.002	0.13	3.15	12.7	<0.2	<10	610	1.21	0.08	2.11	0.24	34.4	32.8	209
ZZ86940		0.13	0.002	0.07	2.76	9.2	<0.2	<10	580	1.23	0.07	2.52	0.40	37.8	27.7	159
ZZ86471		0.37	0.003	0.24	1.49	13.8	<0.2	<10	350	0.69	0.30	3.54	0.58	29.8	14.7	44
ZZ86472		0.27	0.004	0.17	2.02	12.8	<0.2	<10	450	0.85	0.21	1.70	0.42	32.7	21.3	84
ZZ86473		0.14	0.006	0.41	1.44	8.6	<0.2	<10	370	0.67	0.19	1.94	1.02	35.3	17.2	38
ZZ86474		0.38	0.002	0.19	1.72	14.0	<0.2	<10	270	0.73	0.27	3.52	0.49	31.5	18.3	75
ZZ86475		0.35	0.006	0.17	2.16	16.0	<0.2	<10	410	0.83	0.22	1.64	0.41	31.6	22.4	108
ZZ86476		0.47	0.006	0.23	1.31	13.7	<0.2	<10	210	0.58	0.31	3.18	0.39	27.6	11.7	28
ZZ86477		0.47	0.002	0.22	1.67	12.8	<0.2	<10	330	0.69	0.30	2.07	0.47	25.3	14.7	56
ZZ86478		0.35	0.004	0.14	2.12	13.6	<0.2	<10	330	0.70	0.17	2.13	0.31	29.2	25.8	148
ZZ86479		0.34	0.004	0.29	1.44	9.0	<0.2	<10	220	0.31	0.23	0.19	0.18	27.6	9.9	24
ZZ86480		0.19	0.006	0.40	0.73	5.2	<0.2	<10	270	0.35	0.17	3.41	0.70	10.15	5.6	13
ZZ86481		0.37	0.005	0.21	1.59	13.4	<0.2	<10	200	0.55	0.33	0.56	0.50	34.3	13.6	49
ZZ86482		0.39	0.004	0.24	1.14	7.2	<0.2	<10	240	0.32	0.25	0.60	0.60	25.6	6.5	27
ZZ86483		0.36	0.004	0.21	1.23	11.6	<0.2	<10	190	0.31	0.29	0.34	0.36	27.9	11.9	25
ZZ86484		0.24	0.008	0.16	1.02	7.7	<0.2	<10	190	0.35	0.23	0.91	0.45	25.9	7.9	24
ZZ86485		0.35	0.004	0.24	1.11	12.9	<0.2	<10	240	0.42	0.26	1.36	0.68	29.9	12.2	28
ZZ86486		0.30	0.005	0.31	0.82	11.3	<0.2	<10	580	0.45	0.30	2.48	1.34	14.80	13.5	18

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

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To: **ATAC RESOURCES LTD.**
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Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145825

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ86917		0.59	51.8	3.07	3.11	0.05	0.07	0.07	0.033	0.06	13.1	13.0	1.28	2630	2.88	0.02
ZZ86918		1.84	95.7	3.39	5.18	<0.05	0.02	0.04	0.022	0.18	13.1	16.5	0.85	679	2.37	0.01
ZZ86919		0.78	80.6	3.53	5.62	0.05	0.07	0.08	0.027	0.09	12.7	18.5	1.13	405	1.88	0.01
ZZ86920		1.33	63.9	4.60	8.20	0.08	0.06	0.04	0.034	0.19	24.4	23.2	1.84	875	1.29	0.01
ZZ86921		1.12	84.4	4.01	6.02	0.06	0.06	0.08	0.026	0.09	18.0	22.2	1.32	492	1.79	0.01
ZZ86922		0.73	71.5	4.65	6.71	0.06	0.04	0.05	0.030	0.12	21.5	23.6	1.09	449	3.41	0.03
ZZ86923		1.18	54.0	4.48	7.34	0.06	0.07	0.01	0.023	0.10	21.6	35.8	1.51	637	1.58	0.01
ZZ86924		1.96	66.2	4.23	6.87	0.08	0.05	0.06	0.028	0.17	30.4	32.4	1.30	1040	2.50	0.01
ZZ86925		2.19	37.9	4.06	7.57	0.06	0.04	0.04	0.032	0.14	11.5	25.6	1.52	859	1.30	0.01
ZZ86926		1.33	53.3	2.80	5.25	0.06	0.04	0.06	0.025	0.08	12.7	19.0	1.12	792	1.06	0.01
ZZ86927		1.64	49.6	3.73	7.06	0.07	0.03	0.02	0.024	0.26	16.0	22.4	1.62	832	2.72	0.01
ZZ86928		1.13	54.3	5.07	9.09	0.11	0.05	0.04	0.033	0.27	26.4	29.5	2.30	927	2.46	0.01
ZZ86929		1.18	56.8	5.26	10.05	0.10	0.05	0.03	0.039	0.15	22.0	24.0	2.46	1130	1.12	0.01
ZZ86930		1.32	43.5	5.32	10.40	0.11	0.04	0.03	0.026	0.36	12.6	23.5	2.49	1050	0.53	0.01
ZZ86931		2.11	55.7	6.11	12.70	0.11	0.04	0.02	0.026	0.55	9.9	32.3	3.01	1150	0.42	0.01
ZZ86932		2.19	72.2	4.96	9.93	0.10	0.03	0.05	0.031	0.37	13.1	24.8	2.18	1040	0.70	0.01
ZZ86933		3.02	95.6	5.88	10.65	0.13	0.04	0.04	0.041	0.36	15.9	24.3	2.55	1080	0.86	0.01
ZZ86934		1.51	87.5	4.42	7.58	0.10	0.03	0.04	0.035	0.08	12.4	19.7	1.88	1060	1.15	0.01
ZZ86935		1.45	79.7	4.24	6.91	0.11	0.03	0.05	0.034	0.05	13.5	20.2	1.84	982	1.02	0.01
ZZ86936		1.29	81.9	3.91	6.27	0.11	0.03	0.03	0.030	0.06	25.0	21.3	1.70	816	0.93	0.01
ZZ86937		2.23	81.0	4.93	10.15	0.12	0.04	0.04	0.046	0.19	19.5	27.4	2.49	1320	0.85	0.01
ZZ86938		2.58	58.6	5.68	11.65	0.16	0.05	0.03	0.047	0.48	18.6	27.2	2.68	943	0.79	0.01
ZZ86939		2.45	81.7	5.68	11.15	0.18	0.05	0.03	0.053	0.37	18.3	27.2	3.06	841	0.88	0.01
ZZ86940		1.89	54.2	5.05	10.60	0.13	0.05	0.04	0.041	0.31	20.3	23.6	2.48	1060	0.67	0.01
ZZ86471		0.96	42.4	3.37	4.69	0.06	0.05	0.06	0.048	0.10	15.6	17.2	2.55	680	1.18	0.01
ZZ86472		1.46	40.6	4.06	6.99	0.08	0.04	0.04	0.044	0.16	16.8	21.3	1.61	1100	1.05	0.01
ZZ86473		0.97	70.4	2.65	3.75	0.06	0.03	0.14	0.027	0.05	19.0	11.3	0.78	1320	1.95	0.01
ZZ86474		1.16	47.3	3.59	5.57	0.06	0.04	0.06	0.042	0.10	16.4	19.1	2.41	774	1.02	0.01
ZZ86475		1.45	50.6	4.18	7.15	0.07	0.04	0.04	0.046	0.10	16.7	24.1	1.71	850	1.02	0.01
ZZ86476		0.66	37.2	3.00	3.66	0.05	0.05	0.07	0.042	0.07	14.3	14.2	2.12	754	1.08	0.01
ZZ86477		0.79	41.1	3.28	5.00	<0.05	0.03	0.06	0.039	0.08	13.3	18.8	1.24	778	1.09	0.01
ZZ86478		1.81	57.5	4.05	7.12	0.07	0.03	0.05	0.036	0.09	14.8	19.6	1.82	1210	1.20	0.01
ZZ86479		0.92	56.4	2.62	4.39	<0.05	0.05	0.02	0.020	0.07	14.4	21.1	0.52	282	3.00	<0.01
ZZ86480		0.46	75.9	1.44	1.70	<0.05	0.04	0.09	0.018	0.04	5.2	6.2	0.60	1080	0.49	0.01
ZZ86481		0.89	36.3	2.92	5.10	0.06	0.04	0.07	0.035	0.09	17.3	18.9	0.95	644	1.61	0.01
ZZ86482		0.72	36.5	1.74	3.51	<0.05	0.02	0.10	0.027	0.05	13.5	13.1	0.51	231	0.41	0.01
ZZ86483		0.93	34.2	2.53	3.62	<0.05	<0.02	0.07	0.026	0.06	14.0	15.1	0.54	1200	1.89	<0.01
ZZ86484		0.58	34.6	1.93	2.90	<0.05	0.05	0.05	0.027	0.05	13.3	11.2	0.58	314	0.56	0.01
ZZ86485		0.65	47.1	2.77	3.43	0.05	0.07	0.06	0.030	0.06	15.3	12.7	1.00	479	1.11	0.01
ZZ86486		0.46	49.2	2.51	2.23	<0.05	0.06	0.10	0.026	0.04	7.6	8.5	0.58	2410	1.17	0.01

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ86917		0.66	58.8	1040	22.4	6.2	0.002	0.03	1.16	3.4	1.8	0.3	41.3	<0.01	0.07	2.3
ZZ86918		3.16	40.1	900	15.7	20.3	0.001	0.04	0.65	2.7	1.3	0.3	43.9	<0.01	0.09	1.3
ZZ86919		2.10	49.1	1320	11.8	11.1	<0.001	0.09	1.01	3.2	1.3	0.3	90.4	0.01	0.06	1.5
ZZ86920		5.55	56.4	2490	14.4	17.8	0.001	0.03	0.68	6.6	1.0	0.4	84.4	0.01	0.04	3.7
ZZ86921		4.00	47.5	1840	12.9	11.9	<0.001	0.06	0.98	3.6	1.8	0.3	81.4	0.01	0.07	2.6
ZZ86922		6.12	43.5	2060	18.0	10.0	<0.001	0.12	1.17	2.8	1.4	0.4	74.1	<0.01	0.09	4.0
ZZ86923		11.55	41.6	2360	11.6	13.3	0.001	0.04	0.71	2.8	0.7	0.4	76.0	0.01	0.05	3.3
ZZ86924		4.57	60.2	1720	13.8	23.1	<0.001	0.04	0.76	4.6	1.3	0.4	87.4	<0.01	0.06	3.4
ZZ86925		4.84	44.2	1390	7.4	21.7	0.001	0.10	0.40	6.1	1.2	0.3	195.5	0.02	0.03	1.2
ZZ86926		3.90	44.4	1470	7.6	11.7	0.005	0.16	0.55	3.3	3.1	0.2	238	0.02	0.04	1.0
ZZ86927		3.10	39.3	1950	12.0	37.1	0.001	0.07	0.31	4.2	1.8	0.3	89.1	<0.01	0.07	2.2
ZZ86928		2.90	56.3	2630	11.0	20.8	0.001	0.09	0.41	6.3	1.6	0.3	131.0	<0.01	0.03	3.2
ZZ86929		7.38	65.6	2380	10.6	17.9	0.001	0.09	0.36	8.0	1.2	0.3	165.0	0.01	0.03	2.3
ZZ86930		6.82	50.3	2010	7.9	27.4	<0.001	0.08	0.27	4.7	0.6	0.3	128.5	0.01	0.02	1.3
ZZ86931		5.75	51.4	1710	6.3	35.9	<0.001	0.06	0.22	5.5	0.5	0.3	105.0	0.01	0.02	1.1
ZZ86932		5.77	71.1	1310	8.9	33.6	<0.001	0.09	0.33	5.7	0.7	0.3	146.0	0.01	0.02	1.0
ZZ86933		5.75	81.0	1850	9.7	36.7	<0.001	0.07	0.31	9.4	0.7	0.3	148.0	0.01	0.02	1.5
ZZ86934		2.85	84.1	1290	8.3	13.5	<0.001	0.11	0.31	6.9	0.8	0.2	174.5	0.01	0.02	0.8
ZZ86935		1.79	94.8	1170	8.8	8.7	<0.001	0.09	0.41	7.3	1.3	0.2	175.0	0.01	0.04	0.9
ZZ86936		1.77	78.7	1080	13.6	13.7	<0.001	0.05	0.35	5.5	0.7	0.2	86.4	<0.01	0.03	3.1
ZZ86937		5.16	93.0	1630	9.8	18.0	<0.001	0.08	0.49	9.9	0.9	0.3	154.5	0.01	0.02	2.0
ZZ86938		8.28	73.2	1800	9.0	36.2	<0.001	0.09	0.44	9.1	0.7	0.3	165.0	0.01	0.02	2.2
ZZ86939		5.26	92.6	1790	6.7	32.0	<0.001	0.08	0.35	11.5	0.8	0.2	162.5	0.01	0.03	2.2
ZZ86940		7.41	67.8	2100	7.6	28.3	<0.001	0.10	0.38	6.2	0.6	0.3	153.5	0.01	0.01	1.9
ZZ86471		2.15	38.4	1040	29.9	10.7	<0.001	0.04	1.21	4.5	0.8	0.3	47.0	<0.01	0.04	2.5
ZZ86472		4.38	50.3	1370	19.8	20.7	<0.001	0.07	0.81	5.6	0.5	0.4	75.9	0.01	0.04	2.5
ZZ86473		0.95	42.5	1250	16.3	8.7	0.001	0.13	1.13	2.6	1.6	0.2	77.5	<0.01	0.06	1.0
ZZ86474		3.07	48.6	1220	25.4	12.1	<0.001	0.04	1.01	5.4	0.8	0.3	68.7	<0.01	0.03	2.5
ZZ86475		4.14	60.1	1290	18.9	16.6	<0.001	0.07	0.68	6.2	0.8	0.3	69.7	0.01	0.03	2.4
ZZ86476		1.07	30.3	730	28.3	7.9	<0.001	0.04	1.12	3.7	0.8	0.4	33.1	<0.01	0.05	2.3
ZZ86477		1.54	39.4	780	24.5	8.8	<0.001	0.06	0.96	3.9	0.6	0.3	49.6	<0.01	0.04	1.6
ZZ86478		3.04	74.1	1540	12.8	12.7	<0.001	0.09	0.48	6.2	0.8	0.2	120.5	0.01	0.04	1.5
ZZ86479		1.08	24.7	550	11.8	11.4	<0.001	0.02	0.64	2.2	1.1	0.4	30.9	<0.01	0.06	3.9
ZZ86480		0.41	31.0	930	12.3	5.5	<0.001	0.14	1.07	1.1	1.4	0.2	104.5	<0.01	0.04	0.4
ZZ86481		2.69	35.1	1260	25.7	10.6	<0.001	0.03	0.94	4.2	0.8	0.4	33.1	<0.01	0.04	3.7
ZZ86482		0.99	22.9	1140	19.3	7.7	0.002	0.08	0.76	2.8	1.9	0.3	33.3	<0.01	0.03	1.9
ZZ86483		0.81	24.8	1140	19.7	9.9	0.001	0.03	0.66	2.6	0.8	0.3	24.8	<0.01	0.05	1.9
ZZ86484		1.14	24.4	970	19.6	6.6	<0.001	0.04	0.91	2.6	0.8	0.3	32.1	<0.01	0.04	2.6
ZZ86485		1.51	36.8	1000	20.4	7.5	<0.001	0.02	1.04	3.5	0.9	0.3	33.6	<0.01	0.05	3.8
ZZ86486		0.54	55.1	950	17.4	4.2	0.003	0.19	1.56	2.0	2.0	0.2	42.6	<0.01	0.05	0.7

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

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

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

Finalized Date: 28- AUG- 2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145825

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
ZZ86917		0.031	0.08	0.98	39	0.28	9.74	168	2.6
ZZ86918		0.087	0.09	1.70	50	0.11	5.69	88	0.7
ZZ86919		0.057	0.08	1.57	58	0.10	8.10	111	2.5
ZZ86920		0.192	0.11	1.04	103	0.23	11.40	104	2.3
ZZ86921		0.104	0.09	1.66	66	0.14	8.66	115	2.6
ZZ86922		0.173	0.11	1.06	79	0.21	5.38	129	1.9
ZZ86923		0.252	0.09	0.52	86	0.30	5.57	91	2.6
ZZ86924		0.123	0.14	2.02	72	0.17	17.90	111	1.9
ZZ86925		0.155	0.11	1.03	109	0.13	5.69	83	1.5
ZZ86926		0.103	0.13	2.20	69	0.09	7.68	88	1.5
ZZ86927		0.145	0.14	1.69	101	0.14	7.28	124	1.1
ZZ86928		0.160	0.12	1.98	114	0.12	12.70	125	2.4
ZZ86929		0.219	0.10	1.24	141	0.17	9.63	102	1.8
ZZ86930		0.246	0.08	0.41	132	0.16	6.25	92	1.4
ZZ86931		0.271	0.09	0.30	166	0.11	5.56	103	1.2
ZZ86932		0.183	0.11	0.75	129	0.14	6.57	86	1.3
ZZ86933		0.205	0.13	0.55	151	0.16	8.01	100	1.7
ZZ86934		0.089	0.09	0.86	105	0.07	10.65	72	1.0
ZZ86935		0.069	0.08	1.30	100	0.05	10.85	73	1.3
ZZ86936		0.062	0.09	0.83	77	0.10	11.10	87	1.5
ZZ86937		0.162	0.11	0.93	142	0.11	8.68	103	1.7
ZZ86938		0.238	0.14	0.48	148	0.09	6.94	98	2.0
ZZ86939		0.211	0.14	0.63	163	0.10	7.14	98	2.2
ZZ86940		0.217	0.10	0.79	141	0.18	6.49	94	1.8
ZZ86471		0.070	0.13	0.69	61	0.20	9.56	139	1.6
ZZ86472		0.135	0.13	0.62	93	0.17	7.67	130	1.7
ZZ86473		0.026	0.12	3.23	39	0.11	17.20	97	1.0
ZZ86474		0.102	0.13	0.71	76	0.18	8.92	128	1.5
ZZ86475		0.130	0.14	0.77	97	0.14	8.38	126	1.7
ZZ86476		0.034	0.12	0.72	47	0.19	10.80	116	1.6
ZZ86477		0.047	0.11	0.89	63	0.32	7.81	112	1.2
ZZ86478		0.102	0.08	0.74	99	0.10	7.58	97	1.1
ZZ86479		0.039	0.12	1.17	45	0.16	4.06	67	2.0
ZZ86480		0.011	0.07	1.38	19	0.07	6.91	66	1.6
ZZ86481		0.076	0.12	0.69	67	0.24	8.44	119	1.6
ZZ86482		0.030	0.10	1.55	42	0.19	7.71	76	0.8
ZZ86483		0.029	0.12	1.08	44	0.18	6.18	106	<0.5
ZZ86484		0.038	0.07	0.73	38	0.34	7.42	113	2.0
ZZ86485		0.049	0.09	0.72	42	0.19	8.96	121	2.8
ZZ86486		0.013	0.07	2.74	33	0.11	8.30	134	2.0

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145825

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ86487		0.30	0.004	0.16	2.11	9.2	<0.2	<10	630	0.83	0.10	2.21	1.17	26.6	24.1	97
ZZ86488		0.24	0.002	0.10	1.03	3.8	<0.2	<10	390	0.58	0.07	3.48	0.32	15.05	14.2	33
ZZ86489		0.26	0.004	0.12	1.84	6.6	<0.2	<10	380	0.66	0.14	2.45	0.58	23.9	19.4	78
ZZ86490		0.21	0.003	0.16	1.68	8.7	<0.2	<10	390	0.71	0.16	2.68	0.38	27.2	18.6	56
ZZ86491		0.20	0.002	0.22	1.59	9.6	<0.2	<10	320	0.67	0.20	2.74	0.43	25.1	15.3	51
ZZ86492		0.43	0.002	0.28	1.43	10.9	<0.2	<10	340	0.62	0.25	4.02	0.65	26.1	14.5	44
ZZ86493		0.26	0.003	0.14	1.62	8.2	<0.2	<10	580	0.83	0.16	2.92	0.43	23.2	16.7	76
ZZ86494		0.30	0.003	0.13	2.27	9.5	<0.2	<10	620	1.14	0.14	2.20	0.34	29.7	23.7	102
ZZ86495		0.29	0.002	0.12	2.11	7.5	<0.2	<10	500	0.97	0.13	2.32	0.31	29.3	23.9	90
ZZ86496		0.26	0.002	0.09	2.13	6.9	<0.2	<10	540	1.17	0.08	2.16	0.31	28.2	23.2	99
ZZ86497		0.24	0.003	0.10	2.18	6.4	<0.2	<10	740	1.09	0.12	2.43	0.40	20.2	25.7	91

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

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

Finalized Date: 28- AUG- 2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145825

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ86487		2.49	53.9	4.37	7.23	0.08	0.04	0.05	0.029	0.10	14.3	22.1	1.68	2130	2.09	0.01
ZZ86488		1.50	25.7	2.08	3.74	0.05	0.02	0.06	0.017	0.05	8.1	11.6	0.78	1450	2.30	<0.01
ZZ86489		1.67	54.4	3.56	6.59	0.06	0.04	0.04	0.028	0.08	12.3	20.3	1.45	798	0.99	<0.01
ZZ86490		0.86	47.3	3.21	5.85	0.05	0.03	0.06	0.035	0.06	13.9	17.8	1.28	798	0.88	<0.01
ZZ86491		0.81	41.5	3.16	5.27	0.06	0.05	0.05	0.037	0.09	13.1	16.8	1.47	542	1.25	<0.01
ZZ86492		0.88	40.1	3.20	4.65	0.08	0.05	0.06	0.040	0.13	13.4	15.9	2.39	814	1.52	<0.01
ZZ86493		0.84	31.1	3.27	5.81	0.07	0.04	0.04	0.035	0.11	11.8	16.0	1.39	668	0.81	<0.01
ZZ86494		1.12	42.9	4.48	8.32	0.09	0.05	0.03	0.036	0.16	15.3	20.4	2.00	790	0.74	<0.01
ZZ86495		0.89	32.4	4.17	7.95	0.09	0.04	0.03	0.037	0.10	14.9	18.9	2.05	978	0.71	<0.01
ZZ86496		1.12	41.0	4.07	8.39	0.09	0.05	0.03	0.029	0.19	15.1	18.2	1.78	711	1.21	<0.01
ZZ86497		1.20	44.0	4.21	8.58	0.07	0.04	0.03	0.032	0.19	10.3	19.7	1.78	1020	0.72	<0.01

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

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28-AUG-2013
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS WH13145825

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ86487		5.21	82.9	1890	9.4	14.5	0.002	0.11	0.53	5.0	2.3	0.2	162.0	0.01	0.03	1.4
ZZ86488		2.73	23.6	1410	6.0	6.2	0.005	0.17	0.44	1.4	1.2	<0.2	254	0.01	0.02	0.3
ZZ86489		5.29	47.1	1230	10.4	14.7	0.002	0.10	0.62	3.8	1.3	0.3	144.5	0.02	0.01	1.1
ZZ86490		3.01	37.7	1140	15.3	8.9	0.001	0.10	0.70	3.5	1.3	0.3	143.5	0.01	0.04	1.0
ZZ86491		2.52	36.1	1220	22.3	9.1	0.001	0.08	0.99	3.7	0.9	0.3	93.2	0.01	0.04	1.3
ZZ86492		2.06	36.0	1210	29.5	11.3	0.001	0.06	1.31	3.8	0.8	0.3	75.9	<0.01	0.03	1.6
ZZ86493		4.13	37.8	980	16.3	13.1	0.001	0.10	0.72	4.0	0.6	0.3	105.5	0.01	0.02	1.1
ZZ86494		5.64	50.2	1660	13.8	19.5	<0.001	0.06	0.61	6.4	0.7	0.3	95.3	0.01	0.02	1.9
ZZ86495		4.97	47.0	1870	13.5	11.0	<0.001	0.06	0.56	5.9	0.6	0.3	96.1	0.01	0.02	1.8
ZZ86496		6.59	49.5	1700	9.0	23.9	0.001	0.09	0.35	5.6	0.5	0.3	152.5	0.01	0.02	1.8
ZZ86497		4.59	44.7	1130	10.2	21.2	0.001	0.09	0.38	5.2	0.4	0.3	124.0	0.01	0.02	1.1

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 28- AUG- 2013
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Project: RAU

CERTIFICATE OF ANALYSIS WH13145825

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
ZZ86487		0.151	0.10	2.03	98	0.23	7.25	140	1.4
ZZ86488		0.066	0.07	0.90	47	0.10	3.80	41	0.7
ZZ86489		0.129	0.09	1.34	78	0.12	6.42	78	1.2
ZZ86490		0.073	0.09	1.53	70	0.13	8.06	81	1.1
ZZ86491		0.077	0.09	1.15	63	0.12	8.27	108	1.5
ZZ86492		0.069	0.11	0.90	59	0.17	8.83	134	1.5
ZZ86493		0.112	0.08	0.86	75	0.12	5.79	81	1.4
ZZ86494		0.175	0.09	0.72	109	0.17	7.48	99	1.5
ZZ86495		0.158	0.08	0.68	101	0.15	7.20	96	1.3
ZZ86496		0.191	0.08	0.63	104	0.17	6.64	82	1.5
ZZ86497		0.159	0.08	0.54	106	0.13	5.31	95	1.1

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Finalized Date: 28-AUG-2013
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Project: RAU

CERTIFICATE OF ANALYSIS WH13145825

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).
ME-MS41

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
LOG-22 SCR-41 WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au-ICP21 ME-MS41

ALS Canada Ltd.

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

Finalized Date: 20-AUG-2013
Account: RCM

CERTIFICATE WH13141814

Project: RAV

P.O. No.: SO13-R1

This report is for 215 Soil samples submitted to our lab in Whitehorse, YT, Canada on 6-AUG-2013.

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-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	51 anal. aqua regia ICPMS	

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: 20-AUG-2013
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Project: RAV

CERTIFICATE OF ANALYSIS WH13141814

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ86001		0.21	0.007	0.41	1.25	30.4	<0.2	<10	400	0.59	1.74	2.60	1.55	19.95	10.6	29
ZZ86002		0.38	0.009	0.35	1.42	28.8	<0.2	<10	340	0.60	0.82	3.64	1.53	22.2	14.0	38
ZZ86003		0.34	0.007	0.30	1.23	31.4	<0.2	<10	390	0.56	0.68	5.24	1.79	23.7	11.6	32
ZZ86004		0.33	0.012	0.37	1.44	35.1	<0.2	<10	330	0.64	0.77	2.52	1.14	24.0	13.7	36
ZZ86005		0.29	0.006	0.29	1.16	28.4	<0.2	<10	370	0.59	0.70	1.92	1.52	21.9	13.8	29
ZZ86006		0.32	0.009	0.46	1.64	30.5	<0.2	<10	540	0.74	1.55	2.72	1.64	22.3	14.9	41
ZZ86007		0.31	0.041	0.30	1.11	33.7	<0.2	<10	340	0.50	1.24	3.49	1.50	21.4	11.5	28
ZZ86008		0.26	0.009	0.36	1.21	25.8	<0.2	<10	350	0.56	1.81	3.00	1.37	19.15	8.6	29
ZZ86009		0.24	0.008	0.39	1.25	29.2	<0.2	<10	340	0.57	1.70	2.49	1.33	20.8	10.8	30
ZZ86010		0.25	0.019	0.38	1.21	26.0	<0.2	<10	370	0.59	1.59	2.61	1.81	19.10	10.6	28
ZZ86011		0.20	0.009	0.40	1.26	29.6	<0.2	<10	350	0.57	1.83	2.26	1.68	20.1	12.1	31
ZZ86012		0.53	0.016	0.74	1.28	88.4	<0.2	<10	530	0.60	1.25	3.94	3.21	31.1	16.3	38
ZZ86013		0.43	0.012	0.41	1.00	57.1	<0.2	<10	320	0.48	1.27	2.62	1.23	25.2	13.6	26
ZZ86014		0.51	0.014	0.34	0.95	40.8	<0.2	<10	380	0.42	1.11	3.20	1.48	20.3	12.9	26
ZZ86016		0.33	0.013	0.38	1.22	22.8	<0.2	<10	370	0.55	1.42	2.64	1.30	22.9	12.1	29
ZZ86017		0.34	0.009	0.50	1.20	33.4	<0.2	<10	360	0.56	1.41	2.54	1.59	22.2	10.9	29
ZZ86018		0.23	0.008	0.45	1.40	39.5	<0.2	<10	410	0.63	1.83	1.62	1.32	22.4	13.9	33
ZZ86019		0.26	0.007	0.40	1.22	39.9	<0.2	<10	400	0.57	1.55	1.92	1.19	22.2	11.9	29
ZZ86020		0.31	0.010	0.50	1.22	126.5	<0.2	<10	520	0.68	1.72	2.40	2.55	21.8	16.6	30
ZZ86021		0.30	0.013	0.46	1.19	48.6	<0.2	10	430	0.56	1.60	3.46	2.17	21.2	13.3	29
ZZ86022		0.22	0.008	0.41	1.13	50.2	<0.2	20	320	0.56	1.94	2.20	2.21	17.75	11.0	30
ZZ86023		0.24	0.029	0.39	1.26	27.9	<0.2	<10	430	0.62	1.80	2.42	2.05	20.2	11.0	29
ZZ86024		0.35	0.012	0.40	1.32	32.5	<0.2	<10	410	0.58	1.94	2.85	1.36	21.6	12.0	31
ZZ86025		0.36	0.006	0.37	1.22	29.6	<0.2	<10	370	0.57	1.70	2.72	1.26	20.1	10.6	28
ZZ86026		0.20	0.007	0.39	1.38	32.3	<0.2	<10	510	0.67	1.30	2.06	2.06	20.8	14.9	31
ZZ86027		0.19	0.004	0.31	0.92	16.3	<0.2	<10	440	0.40	0.81	3.13	1.49	12.25	7.6	21
ZZ86028		0.23	0.009	0.41	1.11	45.1	<0.2	<10	500	0.57	1.18	2.42	1.96	22.0	12.9	23
ZZ86029		0.15	0.015	0.30	0.70	24.3	<0.2	<10	530	0.31	0.53	3.78	1.60	11.05	8.0	19
ZZ86030		0.28	0.009	0.38	1.22	33.2	<0.2	<10	390	0.56	1.63	3.25	1.70	21.7	11.0	29
ZZ86031		0.20	0.009	0.43	1.35	37.5	<0.2	<10	470	0.56	1.55	2.12	1.33	23.5	13.3	33
ZZ86032		0.39	0.006	0.48	1.53	38.2	<0.2	<10	450	0.74	1.54	2.58	1.67	27.9	15.2	40
ZZ86033		0.28	0.025	0.36	1.28	37.1	<0.2	<10	430	0.54	1.25	1.81	1.41	24.4	13.1	32
ZZ86034		0.22	0.010	0.86	1.26	65.9	<0.2	<10	560	0.59	1.16	2.47	2.26	26.5	15.5	37
ZZ86035		0.26	0.024	0.36	1.11	31.9	<0.2	<10	390	0.49	1.58	3.26	1.40	23.4	10.8	28
ZZ86036		0.24	0.012	0.43	1.25	44.5	<0.2	<10	380	0.58	1.43	2.72	3.05	23.5	13.2	31
ZZ86037		0.26	0.008	0.43	1.41	34.4	<0.2	<10	390	0.60	1.83	2.37	1.52	23.2	13.7	33
ZZ86038		0.15	0.007	0.36	1.29	33.7	<0.2	<10	400	0.59	1.68	2.50	1.87	20.9	11.6	30
ZZ86039		0.30	0.017	0.40	1.26	38.0	<0.2	<10	340	0.61	1.36	2.92	1.59	23.0	12.8	32
ZZ86040		0.27	0.008	0.37	1.30	43.5	<0.2	<10	390	0.62	1.62	1.45	0.91	22.8	13.4	31
ZZ86041		0.30	0.010	0.56	1.42	46.6	<0.2	<10	410	0.75	2.71	2.52	2.44	23.7	13.9	35

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

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

Finalized Date: 20-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141814

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ86001		1.68	42.7	2.56	3.79	0.05	0.05	0.07	0.043	0.12	10.9	12.8	1.35	487	3.77	0.02
ZZ86002		1.84	47.5	3.02	4.14	0.05	0.07	0.07	0.038	0.17	12.0	13.3	1.99	614	4.33	0.03
ZZ86003		1.96	53.3	2.94	3.64	0.07	0.09	0.07	0.038	0.22	12.9	13.0	2.28	545	4.87	0.02
ZZ86004		1.92	51.8	3.31	4.20	0.07	0.09	0.07	0.041	0.20	12.6	13.5	1.56	643	4.93	0.02
ZZ86005		1.11	42.3	2.72	3.50	0.05	0.06	0.07	0.036	0.12	11.5	11.8	0.91	740	3.80	0.02
ZZ86006		1.95	60.9	3.10	5.18	0.06	0.05	0.08	0.043	0.14	12.3	17.1	1.62	666	4.13	0.04
ZZ86007		1.36	40.0	2.75	3.38	0.06	0.06	0.05	0.032	0.11	11.5	11.0	1.92	583	4.35	0.02
ZZ86008		1.76	52.4	2.61	3.71	0.05	0.05	0.07	0.035	0.13	10.5	12.4	1.59	275	3.13	0.02
ZZ86009		1.71	44.1	2.70	3.83	0.06	0.06	0.07	0.039	0.13	11.4	12.8	1.41	530	3.46	0.02
ZZ86010		1.62	48.5	2.50	3.62	0.05	0.06	0.07	0.034	0.12	10.3	12.1	1.29	404	3.72	0.02
ZZ86011		1.76	41.1	2.58	3.94	0.06	0.05	0.07	0.040	0.13	11.0	13.2	1.25	511	3.59	0.02
ZZ86012		1.76	87.9	3.69	3.81	0.07	0.24	0.12	0.044	0.30	17.3	10.9	1.59	529	10.50	0.01
ZZ86013		1.32	62.7	3.14	3.05	0.06	0.05	0.08	0.033	0.13	13.8	9.4	1.54	451	5.20	0.01
ZZ86014		1.13	36.4	2.68	2.94	0.06	0.05	0.05	0.031	0.11	10.8	9.8	1.64	670	4.66	0.02
ZZ86016		1.52	43.5	2.23	3.71	0.06	0.06	0.07	0.036	0.12	12.4	12.2	1.60	261	2.95	0.02
ZZ86017		1.51	47.4	2.72	3.59	0.06	0.06	0.06	0.035	0.13	12.0	11.8	1.44	324	3.40	0.02
ZZ86018		1.95	40.9	3.06	4.18	0.05	0.06	0.08	0.042	0.14	12.0	14.6	0.77	1110	4.39	0.02
ZZ86019		3.36	49.4	2.86	3.57	0.06	0.06	0.07	0.035	0.14	12.0	13.9	0.96	356	3.62	0.02
ZZ86020		3.53	78.5	6.99	3.57	0.07	0.06	0.09	0.042	0.17	12.0	12.9	1.18	645	15.00	0.01
ZZ86021		4.81	55.5	3.19	3.54	0.07	0.07	0.08	0.039	0.19	11.7	14.3	1.50	603	9.15	0.03
ZZ86022		5.64	54.4	4.21	3.47	0.06	0.06	0.09	0.041	0.13	9.7	14.2	0.85	757	5.92	0.03
ZZ86023		1.51	40.2	2.58	3.82	0.05	0.04	0.08	0.041	0.11	10.9	13.4	1.17	593	2.93	0.02
ZZ86024		1.87	37.7	2.76	3.99	0.05	0.04	0.07	0.041	0.13	11.7	14.0	1.73	593	3.51	0.02
ZZ86025		1.69	33.8	2.56	3.72	0.06	0.04	0.07	0.041	0.11	10.9	12.8	1.60	545	3.41	0.02
ZZ86026		1.62	49.5	2.96	4.07	0.05	0.05	0.07	0.040	0.13	11.3	13.8	0.97	1590	3.61	0.02
ZZ86027		0.99	35.9	1.94	2.68	0.05	0.05	0.09	0.027	0.08	6.2	8.8	0.78	517	1.54	0.02
ZZ86028		0.94	53.8	2.86	3.17	0.06	0.05	0.09	0.035	0.12	12.0	11.4	0.78	317	4.39	0.01
ZZ86029		0.80	39.1	1.84	2.06	0.05	0.04	0.07	0.020	0.08	5.4	5.8	0.71	312	2.57	0.01
ZZ86030		1.65	49.6	2.73	3.70	0.06	0.06	0.07	0.036	0.14	11.8	12.1	1.74	394	4.23	0.02
ZZ86031		1.62	51.0	2.96	3.97	0.06	0.06	0.07	0.039	0.14	12.7	13.4	1.25	736	4.32	0.02
ZZ86032		1.87	54.8	3.39	4.83	0.07	0.08	0.08	0.042	0.15	15.2	16.6	1.88	565	6.22	0.02
ZZ86033		1.37	38.1	3.07	3.77	0.06	0.05	0.08	0.036	0.13	13.5	12.3	1.00	577	4.70	0.02
ZZ86034		1.42	79.6	3.40	3.61	0.06	0.08	0.11	0.035	0.22	15.0	10.6	1.19	493	6.32	0.01
ZZ86035		1.38	36.2	2.68	3.39	0.06	0.05	0.08	0.034	0.14	12.5	11.4	1.94	467	3.89	0.02
ZZ86036		1.50	55.0	2.97	3.62	0.06	0.07	0.07	0.037	0.16	12.8	11.9	1.48	627	4.39	0.02
ZZ86037		1.85	55.4	2.90	4.25	0.05	0.06	0.07	0.043	0.15	12.6	14.2	1.40	804	3.69	0.02
ZZ86038		1.65	41.2	2.80	3.85	0.06	0.07	0.07	0.037	0.15	11.4	13.4	1.21	431	3.11	0.02
ZZ86039		1.46	51.5	3.00	3.75	0.06	0.06	0.07	0.040	0.13	12.5	13.2	1.76	416	4.87	0.03
ZZ86040		1.59	44.1	3.04	3.74	0.05	0.06	0.07	0.038	0.12	12.4	13.5	0.68	291	4.06	0.03
ZZ86041		3.15	62.0	3.32	4.39	0.06	0.07	0.10	0.049	0.16	13.3	16.9	1.47	659	5.23	0.03

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Finalized Date: 20-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141814

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ86001		1.03	44.8	970	32.1	15.4	0.001	0.05	2.52	2.8	1.3	1.2	38.3	<0.01	0.06	1.5
ZZ86002		1.06	55.2	1100	25.6	15.8	0.001	0.03	2.19	4.0	0.9	0.7	48.7	<0.01	0.05	2.6
ZZ86003		0.93	50.7	1120	21.8	18.2	0.003	0.03	2.16	3.9	1.5	0.6	72.5	<0.01	0.06	3.2
ZZ86004		1.19	54.7	1200	24.4	18.1	0.002	0.03	2.24	4.1	1.4	0.6	42.4	<0.01	0.06	3.0
ZZ86005		0.82	47.0	1120	23.6	10.3	0.003	0.06	2.00	2.9	1.1	0.6	36.2	<0.01	0.04	1.6
ZZ86006		1.18	62.4	1130	26.4	16.5	0.001	0.05	2.47	4.4	1.6	1.1	44.9	<0.01	0.06	2.0
ZZ86007		0.99	44.9	1160	24.6	11.3	0.001	0.04	2.08	2.9	1.6	0.8	45.5	<0.01	0.05	2.3
ZZ86008		1.04	41.2	990	25.8	16.0	0.003	0.06	2.17	2.9	1.7	1.1	40.6	<0.01	0.07	1.7
ZZ86009		1.04	45.5	990	26.5	15.5	0.003	0.06	2.14	3.0	1.4	1.1	37.5	<0.01	0.05	1.8
ZZ86010		1.02	44.9	1000	24.8	15.4	0.003	0.07	2.05	2.8	1.5	1.0	39.2	<0.01	0.03	1.5
ZZ86011		1.09	50.0	1050	24.5	16.8	0.002	0.06	1.89	3.0	1.1	1.2	36.6	<0.01	0.05	1.6
ZZ86012		0.56	90.8	1760	19.0	19.5	0.009	0.02	3.99	3.9	3.9	0.7	77.4	<0.01	0.08	5.1
ZZ86013		0.93	64.8	1370	17.8	11.6	0.001	0.03	2.36	3.1	1.8	0.6	38.5	<0.01	0.04	2.5
ZZ86014		0.99	45.1	1260	19.1	9.8	0.004	0.09	2.01	2.5	2.4	0.9	53.6	<0.01	0.04	2.0
ZZ86016		1.02	47.8	1160	22.9	11.3	0.002	0.06	1.91	3.1	1.3	0.9	40.1	<0.01	0.07	2.1
ZZ86017		0.99	48.6	1180	22.2	12.2	0.004	0.06	2.09	3.0	1.2	0.9	39.9	<0.01	0.04	2.1
ZZ86018		1.08	49.5	1090	27.9	16.1	0.004	0.08	2.02	3.2	1.7	1.2	41.9	<0.01	0.06	1.6
ZZ86019		1.05	56.0	1190	23.7	17.3	0.006	0.09	2.05	2.9	2.0	0.9	54.8	<0.01	0.06	2.0
ZZ86020		1.09	105.0	1340	22.5	20.5	0.007	0.10	3.74	3.3	4.5	0.9	80.8	<0.01	0.07	2.1
ZZ86021		1.03	78.4	1280	21.3	32.0	0.005	0.11	2.34	3.1	2.1	0.9	167.0	<0.01	0.08	2.2
ZZ86022		1.04	66.4	1280	22.9	18.9	0.010	0.18	2.29	2.8	2.4	1.2	247	<0.01	0.07	1.4
ZZ86023		1.06	43.4	910	27.8	14.8	0.001	0.06	1.99	2.7	1.2	2.8	39.1	<0.01	0.05	1.3
ZZ86024		1.10	44.1	1000	29.6	16.6	0.001	0.05	2.17	3.0	1.0	1.3	38.3	<0.01	0.06	1.9
ZZ86025		1.04	40.6	940	28.6	15.1	0.002	0.05	2.06	2.8	1.3	1.2	37.1	<0.01	0.05	1.8
ZZ86026		1.04	59.3	1020	27.0	14.8	0.002	0.07	2.35	2.9	1.3	1.0	39.2	<0.01	0.05	1.4
ZZ86027		0.83	32.2	910	14.5	9.8	0.004	0.13	1.62	1.7	1.4	0.7	61.6	<0.01	0.04	0.6
ZZ86028		1.07	52.0	1070	19.0	10.4	0.004	0.08	2.33	2.4	2.0	1.1	46.3	<0.01	0.07	1.2
ZZ86029		0.72	38.5	970	9.3	6.8	0.001	0.12	1.77	1.3	1.8	0.4	63.6	<0.01	0.05	0.4
ZZ86030		1.01	51.0	1110	24.2	15.3	0.002	0.05	2.23	3.2	1.5	1.0	45.8	<0.01	0.05	2.2
ZZ86031		1.07	57.5	1140	24.6	14.8	0.003	0.05	2.15	3.4	1.7	1.1	37.0	<0.01	0.06	2.1
ZZ86032		1.28	61.9	1240	26.7	15.0	0.001	0.02	2.31	4.6	1.4	1.2	37.3	<0.01	0.06	3.6
ZZ86033		1.04	46.5	1320	24.1	14.7	0.002	0.05	2.07	3.0	1.5	0.9	37.9	<0.01	0.06	2.1
ZZ86034		0.99	79.2	1420	18.0	16.1	0.004	0.05	3.31	3.1	2.9	0.7	54.5	<0.01	0.06	2.1
ZZ86035		1.01	42.6	1170	22.4	14.1	0.004	0.06	1.88	2.7	1.2	1.2	47.8	<0.01	0.06	2.2
ZZ86036		1.07	53.4	1220	21.5	14.8	0.003	0.05	2.27	3.1	1.5	0.9	41.1	<0.01	0.04	2.2
ZZ86037		1.12	53.6	1060	26.6	18.3	0.002	0.05	2.07	3.5	1.4	1.2	37.1	<0.01	0.06	2.1
ZZ86038		1.07	43.5	1130	25.1	17.3	0.006	0.08	2.00	3.0	1.1	1.0	44.8	<0.01	0.05	1.8
ZZ86039		1.03	54.0	1210	24.3	12.9	0.002	0.04	2.42	3.4	1.5	0.9	54.8	<0.01	0.05	2.4
ZZ86040		1.08	43.1	1190	24.0	12.0	0.006	0.07	1.94	3.1	1.8	1.0	46.7	<0.01	0.04	1.9
ZZ86041		1.23	78.9	1220	30.1	22.0	0.003	0.06	2.56	3.7	1.9	1.5	84.5	<0.01	0.07	2.3

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CERTIFICATE OF ANALYSIS WH13141814

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
ZZ86001		0.034	0.26	1.72	53	1.52	8.93	190	1.8
ZZ86002		0.039	0.27	1.01	60	0.39	10.10	168	2.8
ZZ86003		0.035	0.28	1.02	48	0.25	9.97	170	4.1
ZZ86004		0.037	0.28	0.99	57	0.32	9.93	176	3.3
ZZ86005		0.027	0.16	1.40	48	0.44	9.52	153	2.1
ZZ86006		0.052	0.27	1.22	69	1.62	11.35	170	2.1
ZZ86007		0.034	0.22	0.90	51	2.22	9.06	158	2.3
ZZ86008		0.034	0.26	1.16	52	1.63	9.18	182	2.2
ZZ86009		0.035	0.26	1.40	54	1.42	9.47	179	2.3
ZZ86010		0.031	0.23	1.25	52	1.66	9.18	182	2.1
ZZ86011		0.036	0.25	1.12	55	1.80	8.65	213	1.8
ZZ86012		0.032	0.28	1.91	77	0.23	11.90	326	14.9
ZZ86013		0.029	0.25	1.07	45	0.72	10.35	167	2.5
ZZ86014		0.030	0.18	2.14	45	1.89	8.31	150	2.2
ZZ86016		0.034	0.22	1.25	52	1.13	9.32	185	2.1
ZZ86017		0.033	0.22	1.19	51	0.95	9.11	192	2.2
ZZ86018		0.035	0.28	1.20	59	1.18	9.76	219	2.0
ZZ86019		0.029	0.26	3.07	54	1.60	9.40	203	2.4
ZZ86020		0.026	0.32	3.17	60	1.50	10.90	261	2.7
ZZ86021		0.031	0.30	4.03	54	1.62	9.50	266	2.9
ZZ86022		0.032	0.28	5.91	52	1.53	8.59	287	2.3
ZZ86023		0.033	0.23	1.05	52	1.84	8.99	209	1.6
ZZ86024		0.039	0.27	0.86	57	1.68	8.92	189	1.6
ZZ86025		0.036	0.24	1.00	53	1.38	8.61	179	1.6
ZZ86026		0.031	0.29	1.23	56	0.84	9.55	183	1.9
ZZ86027		0.023	0.15	2.10	35	0.40	6.10	111	1.8
ZZ86028		0.022	0.19	1.84	44	0.33	9.81	164	2.3
ZZ86029		0.017	0.14	3.08	30	0.14	4.97	119	1.8
ZZ86030		0.034	0.26	0.90	52	1.19	9.59	182	2.3
ZZ86031		0.037	0.23	0.95	58	0.95	9.66	190	2.1
ZZ86032		0.046	0.27	0.80	67	0.99	11.75	211	3.3
ZZ86033		0.033	0.22	1.12	58	3.15	9.91	188	2.0
ZZ86034		0.026	0.24	2.53	65	0.31	11.35	239	3.2
ZZ86035		0.035	0.22	1.11	51	3.53	8.66	171	2.0
ZZ86036		0.033	0.24	1.08	55	0.84	9.38	206	2.8
ZZ86037		0.037	0.31	0.75	59	1.42	9.90	199	2.2
ZZ86038		0.032	0.23	1.15	54	1.08	9.02	211	2.3
ZZ86039		0.035	0.21	0.99	56	0.86	10.55	196	2.6
ZZ86040		0.031	0.22	2.57	56	1.11	10.40	157	2.4
ZZ86041		0.040	0.38	2.36	72	3.05	12.00	302	2.7

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

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141814

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ86042		0.28	0.007	0.41	1.35	40.1	<0.2	<10	370	0.65	1.70	2.67	1.66	22.8	14.6	31
ZZ86043		0.26	0.010	0.36	1.22	32.3	<0.2	<10	370	0.63	1.89	2.37	1.63	22.0	11.1	29
ZZ86044		0.22	0.006	0.31	1.06	36.6	<0.2	<10	560	0.54	1.78	3.51	2.73	16.65	13.1	24
ZZ86045		0.18	0.008	0.32	1.53	43.4	<0.2	<10	530	0.72	1.62	1.72	1.78	21.4	13.7	34
ZZ86046		0.21	0.013	0.40	1.28	40.6	<0.2	<10	350	0.61	1.89	2.22	1.85	22.9	12.0	32
ZZ86047		0.17	0.009	0.41	1.42	42.0	<0.2	<10	400	0.68	1.88	2.06	1.76	23.1	13.2	34
ZZ86048		0.26	0.008	0.37	1.33	40.6	<0.2	<10	370	0.60	1.59	1.82	1.18	23.3	10.3	31
ZZ86049		0.23	0.011	0.43	1.40	55.5	<0.2	<10	430	0.68	1.93	2.33	1.68	25.1	16.1	34
ZZ86050		0.18	0.006	0.64	0.74	33.4	<0.2	40	530	0.38	0.89	6.73	1.98	12.20	11.5	19
ZZ86051		0.26	0.007	0.32	1.25	29.3	<0.2	<10	350	0.60	1.24	2.67	1.41	21.8	9.0	26
ZZ86052		0.20	0.007	0.37	1.26	28.1	<0.2	<10	400	0.67	1.43	2.45	1.76	21.3	10.1	27
ZZ86053		0.26	0.006	0.45	1.42	36.2	<0.2	<10	440	0.79	1.81	2.83	2.14	22.9	10.3	29
ZZ86054		0.24	0.007	0.46	1.48	28.6	<0.2	<10	500	0.70	1.75	2.05	2.13	19.65	9.8	31
ZZ86055		0.18	0.006	0.32	1.24	28.5	<0.2	<10	460	0.69	1.53	2.11	1.86	18.95	9.9	27
ZZ86056		0.22	0.006	0.41	1.37	26.5	<0.2	<10	400	0.70	1.67	2.08	1.84	22.7	10.8	30
ZZ86057		0.26	0.012	0.32	1.23	25.5	<0.2	<10	370	0.60	1.36	2.03	1.33	22.5	10.8	27
ZZ86058		0.24	0.005	0.34	1.29	38.0	<0.2	<10	410	0.63	1.42	1.93	1.89	22.1	11.9	28
ZZ86059		0.37	0.006	0.43	1.30	40.0	<0.2	<10	440	0.57	1.39	2.49	1.66	26.5	15.3	36
ZZ86060		0.27	0.016	0.40	1.35	30.5	<0.2	<10	370	0.66	1.84	1.65	1.42	23.9	8.9	31
ZZ86061		0.28	0.003	0.41	1.50	29.9	<0.2	<10	490	0.73	1.80	2.05	1.61	22.3	12.2	33
ZZ86062		0.46	0.007	0.31	1.29	37.4	<0.2	<10	380	0.67	1.67	1.25	0.92	28.4	12.9	25
ZZ86063		0.33	0.004	0.28	1.13	39.7	<0.2	<10	730	0.56	1.38	2.00	1.12	23.6	12.9	23
ZZ86064		0.52	0.006	0.31	1.22	41.5	<0.2	<10	400	0.66	1.58	1.63	1.11	27.3	12.9	24
ZZ86065		0.28	0.005	0.27	1.09	32.5	<0.2	<10	400	0.54	1.18	2.00	1.09	19.55	10.3	21
ZZ86066		0.38	0.010	0.26	0.99	35.5	<0.2	<10	310	0.52	1.40	2.96	1.37	24.2	12.4	22
ZZ86067		0.39	0.004	0.35	1.23	30.1	<0.2	<10	420	0.68	1.59	3.42	2.17	24.4	10.8	28
ZZ86068		0.62	0.019	0.32	1.08	29.4	<0.2	<10	690	0.63	1.68	4.63	1.84	22.5	11.0	26
ZZ86069		0.32	0.003	0.32	1.09	29.3	<0.2	<10	510	0.59	1.39	4.89	2.40	22.6	13.5	25
ZZ86070		0.29	0.003	0.36	1.30	31.8	<0.2	<10	440	0.70	1.94	2.77	2.56	24.6	13.0	30
ZZ86071		0.37	0.007	0.32	1.17	29.2	<0.2	<10	380	0.62	1.90	3.80	2.49	22.7	11.1	27
ZZ86072		0.37	0.045	0.22	0.92	24.3	<0.2	<10	600	0.52	2.89	7.76	2.00	16.30	8.5	21
ZZ86073		0.30	0.038	0.23	0.92	26.3	<0.2	<10	720	0.53	2.90	6.01	2.32	16.90	9.0	22
ZZ86074		0.36	0.006	0.37	1.65	33.6	<0.2	<10	330	0.53	2.12	2.88	1.87	17.85	12.0	45
ZZ86075		0.31	0.025	0.76	0.70	86.2	<0.2	<10	220	0.80	2.54	2.86	2.26	19.90	13.5	23
ZZ86076		0.38	0.012	0.57	0.76	76.0	<0.2	<10	230	0.56	1.77	3.47	7.23	22.6	19.8	17
ZZ86077		0.40	0.008	0.22	1.37	40.9	<0.2	<10	290	0.45	1.01	3.34	0.75	32.0	11.1	21
ZZ86078		0.35	0.011	0.18	1.31	48.9	<0.2	<10	330	0.47	1.15	3.54	0.77	32.5	12.8	21
ZZ86079		0.41	0.037	0.41	1.51	44.1	<0.2	<10	430	0.53	1.54	4.21	1.04	24.2	12.8	32
ZZ86080		0.37	0.011	0.31	1.01	43.0	<0.2	<10	390	0.67	1.79	3.28	1.11	24.8	10.7	22
ZZ86081		0.24	0.006	0.56	1.29	29.5	<0.2	<10	420	0.63	1.68	2.91	2.41	21.3	10.3	32

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Project: RAV

CERTIFICATE OF ANALYSIS WH13141814

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ86042		2.01	44.6	3.14	4.04	0.06	0.07	0.08	0.040	0.16	12.2	15.8	1.59	408	3.68	0.03
ZZ86043		2.20	49.3	2.57	3.61	0.06	0.05	0.07	0.036	0.11	11.9	13.8	1.33	286	3.44	0.03
ZZ86044		1.67	38.5	2.73	3.12	0.05	0.05	0.08	0.031	0.10	9.0	11.5	1.60	1260	4.64	0.02
ZZ86045		1.90	45.0	3.39	4.32	<0.05	0.08	0.07	0.041	0.18	11.5	15.3	0.78	1440	4.86	0.02
ZZ86046		1.88	47.5	3.08	3.82	0.06	0.06	0.08	0.038	0.14	12.8	13.9	1.30	418	3.39	0.03
ZZ86047		1.96	52.9	3.11	4.14	0.06	0.07	0.08	0.045	0.19	12.7	15.0	1.10	440	3.86	0.03
ZZ86048		1.64	49.1	2.92	3.96	0.05	0.06	0.06	0.037	0.14	12.8	13.5	1.11	380	3.42	0.02
ZZ86049		1.87	57.7	3.36	4.21	0.06	0.07	0.07	0.041	0.21	13.7	15.1	1.40	771	4.68	0.05
ZZ86050		3.89	36.2	2.19	2.22	0.05	0.04	0.11	0.021	0.14	6.2	8.0	1.18	1460	10.25	0.04
ZZ86051		1.67	35.4	2.53	3.79	0.05	0.05	0.06	0.039	0.12	12.0	13.7	1.61	286	3.47	0.02
ZZ86052		1.80	36.7	2.46	3.74	0.05	0.05	0.06	0.039	0.11	11.7	13.9	1.46	301	2.83	0.02
ZZ86053		2.35	47.0	2.75	4.12	0.06	0.07	0.09	0.052	0.16	13.0	16.0	1.76	463	4.55	0.02
ZZ86054		2.00	51.1	2.63	4.38	0.05	0.06	0.08	0.050	0.15	11.1	16.7	0.96	386	2.84	0.02
ZZ86055		1.42	45.8	2.38	3.67	0.05	0.06	0.07	0.041	0.11	10.4	13.4	0.76	546	3.17	0.02
ZZ86056		1.74	41.7	2.66	4.14	0.06	0.05	0.08	0.042	0.13	12.4	15.3	1.17	295	2.77	0.02
ZZ86057		1.36	33.4	2.37	3.65	0.05	0.05	0.07	0.039	0.11	12.2	13.9	1.13	368	2.41	0.02
ZZ86058		1.53	37.3	2.82	3.83	<0.05	0.05	0.08	0.041	0.12	12.1	14.4	1.09	643	2.97	0.02
ZZ86059		1.47	56.3	3.22	3.86	0.07	0.06	0.07	0.039	0.15	14.6	12.8	1.48	600	5.06	0.03
ZZ86060		1.60	45.3	2.74	3.94	0.05	0.05	0.08	0.042	0.13	13.2	14.5	0.93	383	2.91	0.02
ZZ86061		1.83	53.3	2.89	4.31	0.05	0.05	0.08	0.041	0.13	12.3	16.3	1.03	504	2.43	0.02
ZZ86062		1.03	37.8	3.02	3.80	0.05	0.05	0.07	0.033	0.10	15.1	15.0	0.78	499	2.78	0.01
ZZ86063		1.02	38.9	2.99	3.34	0.05	0.06	0.07	0.033	0.10	12.8	12.7	1.11	569	3.07	0.02
ZZ86064		1.06	47.4	3.14	3.58	0.05	0.06	0.07	0.035	0.10	14.7	14.7	1.00	523	2.87	0.02
ZZ86065		0.89	35.6	2.55	3.10	0.05	0.06	0.07	0.028	0.09	10.3	13.1	0.54	249	2.11	0.02
ZZ86066		1.15	38.4	2.62	3.04	0.05	0.05	0.06	0.033	0.09	13.0	12.3	1.68	297	3.00	0.02
ZZ86067		1.81	41.0	2.72	3.74	0.05	0.06	0.08	0.036	0.09	13.1	15.7	2.24	278	3.53	0.02
ZZ86068		1.99	38.1	2.62	3.43	0.05	0.06	0.08	0.036	0.08	12.4	13.4	2.79	406	5.00	0.03
ZZ86069		2.10	36.2	2.67	3.37	0.06	0.06	0.08	0.035	0.09	12.1	14.1	2.65	557	4.27	0.03
ZZ86070		2.59	38.2	3.02	3.81	0.06	0.06	0.08	0.039	0.11	13.5	16.6	1.88	431	4.16	0.02
ZZ86071		2.27	36.2	2.67	3.50	0.05	0.05	0.06	0.033	0.07	12.3	14.6	2.61	391	4.01	0.03
ZZ86072		2.72	26.1	2.10	2.82	<0.05	0.04	0.06	0.030	0.09	8.8	12.3	3.90	480	4.03	0.02
ZZ86073		3.06	25.9	2.20	2.74	0.05	0.04	0.06	0.032	0.11	8.9	11.7	3.61	531	4.21	0.02
ZZ86074		3.68	34.9	3.02	4.98	0.05	0.03	0.07	0.034	0.11	9.8	15.8	1.94	499	3.19	0.03
ZZ86075		1.78	107.5	3.25	2.12	0.07	0.05	0.13	0.120	0.09	11.6	5.8	1.26	633	34.7	0.01
ZZ86076		2.10	97.7	3.60	2.32	0.07	0.06	0.21	0.043	0.13	12.4	6.5	1.39	555	37.0	0.01
ZZ86077		1.62	47.8	3.48	3.74	0.07	0.08	0.05	0.027	0.28	16.4	11.9	1.82	482	2.31	0.01
ZZ86078		1.50	48.1	3.42	3.79	0.07	0.12	0.05	0.031	0.26	16.6	11.7	1.67	523	2.44	0.01
ZZ86079		2.49	53.1	3.40	4.38	0.06	0.05	0.08	0.036	0.16	12.9	14.3	2.34	479	3.44	0.03
ZZ86080		1.89	51.1	2.85	2.98	0.06	0.06	0.06	0.032	0.13	13.0	10.8	1.57	421	10.45	0.01
ZZ86081		3.19	61.5	2.60	4.00	0.10	0.05	0.14	0.041	0.13	11.9	13.8	1.50	390	6.56	0.02

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	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ86042		1.10	49.5	1130	25.5	18.3	0.004	0.07	2.51	3.6	1.6	1.1	68.6	<0.01	0.05	2.5
ZZ86043		1.04	55.0	1130	25.5	14.8	0.004	0.07	2.25	2.9	1.9	1.0	51.8	<0.01	0.03	1.9
ZZ86044		0.85	46.6	1090	20.2	10.8	0.011	0.13	2.26	2.1	2.1	0.8	61.1	<0.01	0.04	1.1
ZZ86045		1.07	56.8	980	24.2	22.3	0.006	0.10	2.44	3.2	1.8	1.1	44.8	<0.01	0.06	1.8
ZZ86046		1.11	50.1	1160	24.4	17.7	0.003	0.05	2.15	3.4	1.5	1.2	49.1	<0.01	0.05	2.5
ZZ86047		1.18	51.0	1200	25.6	21.1	0.003	0.07	2.14	3.4	1.7	1.1	43.9	<0.01	0.06	2.2
ZZ86048		1.05	44.7	1160	23.3	13.5	0.002	0.05	2.14	3.3	1.3	1.1	37.6	<0.01	0.04	2.3
ZZ86049		1.15	65.0	1260	25.1	20.0	0.003	0.06	2.50	3.6	1.5	1.1	56.5	<0.01	0.06	2.4
ZZ86050		0.69	119.5	1080	11.6	16.5	0.003	0.20	1.77	1.7	3.6	0.4	675	<0.01	0.04	0.7
ZZ86051		1.04	37.5	980	29.2	14.7	0.001	0.04	2.23	2.9	1.2	1.2	38.6	<0.01	0.03	2.0
ZZ86052		1.01	40.7	900	29.8	15.9	0.002	0.04	2.21	2.8	1.1	1.3	36.6	<0.01	0.05	1.9
ZZ86053		1.03	46.3	930	43.7	23.7	0.001	0.04	2.98	3.2	1.6	1.9	41.0	<0.01	0.06	2.3
ZZ86054		1.17	49.2	960	36.7	19.3	0.003	0.08	2.96	2.9	1.5	1.6	40.8	<0.01	0.07	1.6
ZZ86055		1.03	42.5	920	27.9	12.6	0.002	0.08	2.71	2.5	1.7	1.3	42.4	<0.01	0.05	1.2
ZZ86056		1.12	43.1	1020	31.1	16.3	0.002	0.06	2.34	3.2	1.6	1.3	38.3	<0.01	0.03	1.9
ZZ86057		0.99	39.1	1040	26.4	11.4	0.002	0.05	1.96	2.8	1.0	1.1	35.9	<0.01	0.04	2.0
ZZ86058		1.03	42.4	1030	27.5	15.0	0.001	0.05	1.97	2.9	1.1	1.2	35.2	<0.01	0.05	1.9
ZZ86059		1.06	62.7	1460	26.6	14.8	0.002	0.04	2.44	3.7	1.7	1.0	47.1	<0.01	0.05	2.9
ZZ86060		1.08	39.1	1070	33.2	16.0	0.002	0.05	2.25	3.1	1.2	1.2	34.3	<0.01	0.05	1.9
ZZ86061		1.14	50.9	1040	30.6	16.8	0.002	0.07	2.19	3.1	1.8	1.3	37.6	<0.01	0.06	1.5
ZZ86062		0.90	38.3	960	23.0	10.0	0.001	0.03	1.76	3.4	1.0	1.1	33.0	<0.01	0.03	2.7
ZZ86063		0.80	37.8	980	21.2	9.2	0.001	0.03	1.86	3.0	1.4	0.6	36.7	<0.01	0.05	2.0
ZZ86064		0.89	40.2	1060	22.4	10.2	0.001	0.03	1.99	3.3	1.1	0.7	43.3	<0.01	0.04	2.7
ZZ86065		0.89	34.1	990	17.5	10.5	0.005	0.11	1.63	2.2	1.9	0.6	79.4	<0.01	0.04	1.2
ZZ86066		0.94	38.7	1090	21.6	9.3	0.003	0.05	1.86	2.7	1.3	0.8	46.9	<0.01	0.03	2.6
ZZ86067		1.08	49.5	960	30.3	12.1	0.004	0.05	2.15	3.5	2.7	0.9	45.7	<0.01	0.04	3.1
ZZ86068		0.97	47.5	1050	24.4	11.9	0.002	0.03	2.02	3.2	1.7	0.8	53.4	<0.01	0.06	3.3
ZZ86069		0.95	52.3	940	26.9	16.1	0.003	0.03	2.05	3.2	1.2	0.8	58.3	<0.01	0.05	2.9
ZZ86070		1.04	58.4	1000	27.8	18.2	0.004	0.04	2.05	3.4	1.9	1.2	38.7	<0.01	0.05	2.9
ZZ86071		0.98	53.1	960	27.6	10.5	0.001	0.03	1.88	3.1	1.6	1.0	42.0	<0.01	0.04	2.8
ZZ86072		0.86	43.8	760	21.2	17.7	0.002	0.05	1.49	2.3	1.5	0.9	66.8	<0.01	0.04	1.8
ZZ86073		0.83	50.2	840	21.4	24.1	0.001	0.07	1.60	2.2	1.7	1.1	54.6	<0.01	0.03	1.6
ZZ86074		1.33	51.9	1110	20.7	21.9	0.001	0.04	1.37	3.4	1.5	1.1	40.1	<0.01	0.04	1.5
ZZ86075		0.68	199.0	1320	20.0	10.1	0.003	0.13	6.11	2.0	9.7	11.8	44.0	<0.01	0.10	1.5
ZZ86076		0.83	191.5	1320	23.0	12.7	0.002	0.10	4.90	2.3	6.3	1.3	61.5	<0.01	0.09	3.3
ZZ86077		1.68	33.7	1230	16.1	19.8	0.002	0.01	1.41	3.2	0.8	0.6	46.5	<0.01	0.05	4.4
ZZ86078		1.59	35.3	1120	16.4	18.7	0.001	0.01	1.50	3.3	1.1	0.6	53.1	<0.01	0.05	4.8
ZZ86079		1.36	45.6	1200	21.7	20.0	<0.001	0.02	1.92	3.7	1.2	1.2	57.0	<0.01	0.06	2.8
ZZ86080		0.89	79.5	1090	17.7	13.3	0.001	0.01	2.89	2.9	2.0	0.5	51.7	<0.01	0.05	3.0
ZZ86081		1.05	92.7	1090	25.4	18.0	0.001	0.06	2.50	3.1	2.0	0.9	43.1	<0.01	0.05	1.8

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

Finalized Date: 20- AUG- 2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141814

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
ZZ86042		0.035	0.30	1.34	55	1.01	9.94	234	2.6
ZZ86043		0.034	0.25	2.08	53	1.58	10.35	233	2.2
ZZ86044		0.026	0.24	2.86	44	2.54	7.98	203	1.8
ZZ86045		0.029	0.29	2.26	60	1.01	8.85	209	2.5
ZZ86046		0.036	0.25	1.06	54	1.63	10.25	202	2.6
ZZ86047		0.035	0.26	1.38	59	1.01	10.10	219	2.6
ZZ86048		0.032	0.22	0.99	56	0.78	9.87	185	2.4
ZZ86049		0.034	0.27	1.36	57	1.01	10.50	204	2.6
ZZ86050		0.018	0.18	14.05	29	0.36	5.59	303	1.9
ZZ86051		0.034	0.24	1.04	55	0.86	9.34	181	1.8
ZZ86052		0.033	0.27	1.06	57	3.01	9.42	196	1.8
ZZ86053		0.034	0.39	0.98	64	1.58	10.70	261	2.4
ZZ86054		0.032	0.32	1.78	67	1.38	9.38	256	2.2
ZZ86055		0.029	0.22	1.93	54	0.97	9.53	178	2.0
ZZ86056		0.035	0.25	1.09	58	0.98	10.45	209	2.1
ZZ86057		0.031	0.21	0.91	53	1.09	9.29	178	1.8
ZZ86058		0.032	0.23	0.90	56	1.32	9.48	196	1.7
ZZ86059		0.037	0.24	1.20	60	0.59	12.10	185	2.6
ZZ86060		0.035	0.23	1.24	58	1.14	11.00	189	2.0
ZZ86061		0.034	0.25	1.83	61	1.05	10.55	204	1.8
ZZ86062		0.027	0.16	1.15	47	0.69	9.73	134	2.0
ZZ86063		0.024	0.16	1.70	42	0.75	9.52	148	2.0
ZZ86064		0.027	0.18	1.44	44	1.00	10.35	148	2.2
ZZ86065		0.021	0.13	12.70	36	0.58	7.81	139	1.9
ZZ86066		0.030	0.18	2.80	41	1.44	9.66	142	2.2
ZZ86067		0.039	0.24	1.09	51	1.38	10.90	255	2.7
ZZ86068		0.041	0.28	1.14	51	3.39	10.45	236	2.9
ZZ86069		0.037	0.28	1.18	47	1.61	10.10	248	2.2
ZZ86070		0.039	0.32	1.34	53	1.54	10.45	320	2.3
ZZ86071		0.040	0.28	1.18	48	1.95	10.35	289	2.2
ZZ86072		0.036	0.28	1.42	37	5.44	6.98	248	1.4
ZZ86073		0.034	0.32	1.62	38	5.70	7.05	295	1.5
ZZ86074		0.066	0.29	1.24	65	0.93	9.30	211	1.3
ZZ86075		0.019	0.70	3.97	58	2.16	16.40	442	3.8
ZZ86076		0.021	0.69	3.73	44	0.75	13.25	867	4.0
ZZ86077		0.043	0.21	0.84	40	0.14	8.68	106	3.9
ZZ86078		0.044	0.20	0.81	40	0.23	8.76	104	5.1
ZZ86079		0.051	0.30	0.95	59	0.53	10.70	155	2.1
ZZ86080		0.035	0.26	1.17	41	2.75	11.35	338	3.2
ZZ86081		0.041	0.31	1.24	55	1.70	9.49	496	2.3

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141814

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ86082		0.28	0.007	0.32	1.08	30.5	<0.2	<10	360	0.47	1.24	2.21	1.33	20.2	9.1	24
ZZ86083		0.31	0.006	0.33	1.07	30.7	<0.2	<10	380	0.51	1.22	2.23	1.24	21.9	9.1	23
ZZ86084		0.22	0.004	0.38	1.20	28.2	<0.2	<10	400	0.48	1.35	2.13	1.32	22.1	9.1	26
ZZ86085		0.42	0.007	0.38	1.20	30.2	<0.2	<10	410	0.51	1.76	5.10	1.75	19.65	9.8	30
ZZ86086		0.18	0.006	0.32	1.26	29.0	<0.2	<10	480	0.49	1.46	2.38	2.18	22.1	10.3	28
ZZ86087		0.45	0.009	0.72	1.17	48.9	<0.2	<10	480	0.56	1.63	3.63	3.29	27.0	12.0	30
ZZ86088		0.31	0.007	0.41	1.27	33.4	<0.2	<10	400	0.51	2.18	2.75	3.99	23.1	12.7	30
ZZ86089		0.30	0.012	0.44	1.17	60.9	<0.2	<10	270	0.56	2.74	2.60	1.93	24.8	11.1	25
ZZ86090		0.52	0.064	1.99	0.22	176.0	<0.2	<10	150	0.23	87.0	0.05	0.70	12.45	15.1	13
ZZ86091		0.31	0.007	0.39	1.03	37.5	<0.2	<10	340	0.49	3.87	5.43	2.22	22.3	10.4	21
ZZ86092		0.43	0.011	0.28	1.24	40.2	<0.2	<10	310	0.50	1.69	3.27	1.23	28.3	11.6	22
ZZ86093		0.43	0.012	0.25	0.83	27.8	<0.2	<10	600	0.41	1.93	7.61	1.26	20.2	9.1	18
ZZ86094		0.27	0.050	0.25	0.87	22.8	<0.2	<10	620	0.47	2.82	9.94	2.01	14.70	7.8	19
ZZ86095		0.54	0.015	0.38	0.89	60.6	<0.2	<10	240	0.94	4.07	4.79	2.18	18.30	8.6	24
ZZ86096		0.36	0.004	0.44	1.81	39.0	<0.2	<10	450	0.65	2.27	4.90	1.33	18.15	14.3	52
ZZ86097		0.42	0.016	0.40	2.16	110.5	<0.2	<10	280	0.71	3.29	5.42	0.97	19.40	13.6	59
ZZ86098		0.27	0.004	0.31	1.05	35.4	<0.2	<10	630	0.54	2.68	3.99	1.62	19.75	9.4	26
ZZ86099		0.31	0.007	0.33	1.08	37.9	<0.2	<10	510	0.55	2.06	4.09	2.08	22.1	10.2	25
ZZ86100		0.26	0.010	0.36	1.15	30.3	<0.2	<10	490	0.59	1.78	3.57	2.63	23.1	11.8	27
ZZ86101		0.39	0.005	0.34	1.09	29.9	<0.2	<10	590	0.50	1.91	3.95	2.11	20.7	11.4	25
ZZ86102		0.21	0.009	0.38	1.25	36.4	<0.2	<10	510	0.59	2.23	2.88	2.55	22.8	12.0	29
ZZ86103		0.37	0.007	0.38	1.13	31.7	<0.2	<10	420	0.54	1.86	4.86	2.67	22.1	12.1	26
ZZ86104		0.28	0.002	0.26	1.05	21.0	<0.2	<10	250	0.51	2.87	5.64	1.40	16.80	9.1	23
ZZ86105		0.24	0.004	0.41	1.42	34.3	<0.2	<10	410	0.64	2.77	2.16	2.38	24.2	12.8	33
ZZ86106		0.40	<0.001	0.18	0.82	24	<0.2	<10	780	0.45	2.49	11.30	1.94	12.75	7.2	19
ZZ86107		0.37	0.002	0.21	0.77	15	<0.2	<10	570	0.46	2.57	11.20	1.60	13.75	6.8	17
ZZ86108		0.19	0.006	0.40	1.17	30.8	<0.2	<10	520	0.51	1.78	2.50	2.79	19.05	10.7	27
ZZ86109		0.25	0.006	0.23	0.99	20.1	<0.2	<10	380	0.49	3.04	5.56	1.51	17.10	8.7	23
ZZ86110		0.27	0.001	0.22	1.10	14.6	<0.2	<10	250	0.56	3.98	6.64	0.97	19.00	9.7	25
ZZ86111		0.16	0.005	0.27	1.15	26.0	<0.2	<10	550	0.55	1.68	2.68	1.87	18.15	10.5	26
ZZ86112		0.44	0.006	0.25	1.14	33.9	<0.2	<10	600	0.55	1.66	4.40	2.10	19.65	12.1	25
ZZ86113		0.26	0.005	0.19	0.97	18.7	<0.2	<10	550	0.41	2.31	6.65	1.44	17.05	8.5	22
ZZ86114		0.26	0.004	0.17	0.91	20.3	<0.2	<10	500	0.45	2.19	6.71	1.47	15.40	8.7	21
ZZ86115		0.27	0.009	0.19	0.91	33.5	<0.2	<10	300	0.39	1.18	2.45	5.33	20.9	10.8	19
ZZ86116		0.36	0.018	0.24	1.00	39.3	<0.2	<10	260	0.42	1.42	1.89	4.70	26.1	10.7	22
ZZ86117		0.28	0.004	0.22	0.89	31.5	<0.2	<10	480	0.44	1.10	3.17	3.78	18.65	9.9	17
ZZ86118		0.39	0.012	0.25	1.13	40.7	<0.2	<10	320	0.49	1.41	2.15	3.79	26.2	11.7	23
ZZ86119		0.54	0.006	0.24	1.03	42.6	<0.2	<10	410	0.48	1.40	5.66	1.50	24.7	10.6	20
ZZ86120		0.49	0.011	0.36	1.41	61.7	<0.2	<10	340	0.76	1.83	3.61	2.28	29.7	14.9	27
ZZ86121		0.18	0.007	0.41	0.90	44.3	<0.2	<10	320	0.40	1.85	1.94	6.84	19.15	11.0	21

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	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ86082		1.41	34.9	2.32	3.43	0.09	0.04	0.06	0.043	0.11	11.0	11.5	1.17	481	3.07	0.02
ZZ86083		1.45	35.9	2.32	3.59	0.10	0.05	0.05	0.040	0.10	11.8	11.8	1.25	440	3.50	0.02
ZZ86084		1.57	39.4	2.41	3.81	0.09	0.04	0.05	0.042	0.11	12.2	12.4	1.25	432	3.51	0.02
ZZ86085		2.70	40.8	2.64	4.22	0.11	0.04	0.06	0.041	0.13	10.9	14.0	2.51	480	5.12	0.03
ZZ86086		1.40	41.6	2.63	3.71	<0.05	0.05	0.06	0.045	0.12	11.6	13.0	1.19	486	3.00	0.02
ZZ86087		1.51	75.4	3.09	3.57	0.07	0.06	0.11	0.042	0.13	15.3	12.2	1.47	407	10.90	0.02
ZZ86088		2.32	45.7	2.96	3.73	0.05	0.05	0.08	0.039	0.12	12.3	12.1	1.54	943	7.74	0.02
ZZ86089		0.94	58.3	3.09	3.30	0.05	0.06	0.09	0.051	0.08	13.4	9.2	1.28	319	8.02	0.01
ZZ86090		4.62	45.7	7.74	2.45	0.35	0.04	0.04	0.091	0.42	6.8	3.8	0.02	692	223	0.05
ZZ86091		1.10	46.4	2.63	3.02	0.05	0.08	0.09	0.036	0.10	11.6	11.5	2.17	467	4.78	0.01
ZZ86092		1.49	44.3	3.19	3.42	0.06	0.06	0.06	0.033	0.13	14.9	11.5	1.56	592	6.91	0.01
ZZ86093		2.16	26.6	2.09	2.86	0.06	0.05	0.05	0.029	0.08	10.4	12.1	3.93	410	7.45	0.02
ZZ86094		2.50	26.4	1.89	2.63	<0.05	0.04	0.05	0.027	0.08	7.9	12.6	4.68	457	3.51	0.02
ZZ86095		3.24	42.5	2.70	2.75	0.06	0.06	0.07	0.039	0.07	10.1	10.2	2.86	429	11.70	0.02
ZZ86096		7.13	48.8	3.76	5.75	0.06	0.04	0.11	0.039	0.16	10.6	19.8	3.09	578	9.02	0.04
ZZ86097		6.66	40.1	3.47	6.54	0.06	0.03	0.08	0.040	0.11	11.1	22.9	3.50	477	3.10	0.05
ZZ86098		1.89	38.0	2.67	3.23	0.06	0.05	0.06	0.041	0.08	10.6	12.0	2.60	199	6.37	0.02
ZZ86099		1.82	35.8	2.70	3.17	0.06	0.05	0.07	0.037	0.08	11.8	13.9	2.57	318	5.13	0.02
ZZ86100		1.94	41.7	2.58	3.52	0.06	0.05	0.07	0.041	0.07	12.3	14.6	2.34	291	5.35	0.02
ZZ86101		1.86	40.6	2.65	3.26	<0.05	0.05	0.07	0.035	0.08	11.0	13.5	2.36	625	4.92	0.02
ZZ86102		2.02	45.4	2.90	3.65	0.05	0.05	0.08	0.037	0.08	12.0	15.2	1.93	343	5.30	0.02
ZZ86103		1.95	44.6	2.74	3.38	0.05	0.05	0.07	0.038	0.08	11.7	14.3	2.96	667	5.99	0.02
ZZ86104		2.81	31.1	2.16	3.15	<0.05	0.05	0.04	0.027	0.07	8.8	15.5	3.65	343	3.02	0.02
ZZ86105		2.68	47.4	3.13	4.17	0.05	0.05	0.09	0.045	0.09	12.8	17.8	1.43	886	5.60	0.02
ZZ86106		2.38	23.7	1.87	2.50	0.05	0.04	0.04	0.029	0.08	6.8	11.6	4.92	470	6.28	0.02
ZZ86107		2.29	22.6	1.70	2.35	<0.05	0.03	0.04	0.024	0.07	7.3	12.1	5.22	436	3.20	0.02
ZZ86108		2.23	36.2	2.58	3.58	0.05	0.05	0.09	0.037	0.09	10.2	14.7	1.00	594	3.55	0.01
ZZ86109		3.09	23.8	2.13	3.01	<0.05	0.04	0.04	0.029	0.08	8.9	14.7	2.99	443	2.38	0.01
ZZ86110		3.91	29.9	2.16	3.47	0.06	0.05	0.04	0.030	0.09	9.8	17.0	3.96	238	1.85	0.02
ZZ86111		1.59	33.8	2.59	3.18	<0.05	0.03	0.07	0.032	0.08	9.7	12.4	1.47	577	3.41	0.02
ZZ86112		1.79	41.4	2.86	3.20	0.05	0.05	0.06	0.032	0.07	10.4	13.3	2.96	526	5.43	0.02
ZZ86113		2.34	24.2	2.17	2.78	<0.05	0.03	0.05	0.027	0.09	8.8	12.9	3.75	474	2.90	0.02
ZZ86114		2.30	26.7	2.11	2.67	<0.05	0.03	0.05	0.025	0.09	8.0	12.4	3.20	457	3.76	0.02
ZZ86115		0.80	35.6	2.74	2.37	<0.05	0.04	0.06	0.028	0.08	10.9	9.2	0.98	470	4.20	0.01
ZZ86116		1.01	44.4	2.63	2.92	0.05	0.05	0.10	0.033	0.09	13.6	10.8	0.95	364	5.79	0.01
ZZ86117		0.79	40.8	2.32	2.44	0.05	0.03	0.07	0.026	0.07	9.8	9.1	0.95	521	2.96	0.01
ZZ86118		0.98	45.8	2.96	3.14	0.05	0.06	0.11	0.032	0.11	13.8	11.5	1.25	557	5.46	0.01
ZZ86119		1.16	41.4	2.85	2.92	0.05	0.08	0.06	0.033	0.13	12.9	11.4	2.41	519	5.38	0.01
ZZ86120		1.33	62.3	3.73	3.81	0.05	0.09	0.12	0.042	0.16	15.3	15.4	1.95	626	7.99	0.02
ZZ86121		0.96	53.0	2.38	2.76	0.05	0.04	0.11	0.034	0.06	10.0	9.2	0.50	650	7.88	0.01

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

Finalized Date: 20- AUG- 2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141814

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ86082		0.85	35.0	890	31.7	12.2	0.002	0.05	1.85	2.7	1.0	1.3	35.8	<0.01	0.04	1.9
ZZ86083		0.87	37.4	880	30.8	11.9	0.002	0.04	1.82	2.7	1.4	1.2	35.8	<0.01	0.05	2.0
ZZ86084		0.88	39.5	920	32.2	12.9	0.001	0.04	2.18	3.0	1.2	1.3	34.7	<0.01	0.06	1.9
ZZ86085		1.06	40.1	970	25.8	20.4	0.001	0.04	1.92	3.8	1.6	0.8	67.3	<0.01	0.05	2.1
ZZ86086		0.88	43.3	950	30.9	13.1	0.002	0.04	2.07	2.6	1.7	1.2	40.0	<0.01	0.05	1.6
ZZ86087		0.99	103.0	1300	20.3	12.7	0.001	0.02	3.17	3.3	2.7	1.0	66.1	<0.01	0.08	3.4
ZZ86088		0.90	117.0	1110	20.9	19.1	<0.001	0.03	2.36	2.9	1.3	0.8	39.3	<0.01	0.05	2.2
ZZ86089		0.87	66.2	900	21.5	10.9	0.001	0.03	3.05	3.0	2.9	1.5	45.3	<0.01	0.08	2.7
ZZ86090		0.30	51.0	5140	41.2	22.4	0.006	0.96	24.6	1.1	96.3	20.8	1100	<0.01	1.95	6.7
ZZ86091		0.79	51.1	950	21.6	8.6	0.001	0.02	2.28	2.7	2.1	0.8	74.2	<0.01	0.06	2.9
ZZ86092		1.39	51.8	960	18.8	13.1	0.001	0.01	1.78	3.0	1.1	0.6	49.4	<0.01	0.05	3.3
ZZ86093		0.78	39.1	760	22.4	15.7	0.010	0.03	1.49	2.4	2.9	0.9	86.3	<0.01	0.04	2.5
ZZ86094		0.71	42.3	640	17.9	14.8	0.003	0.04	1.36	2.0	1.5	0.8	84.9	<0.01	0.04	1.6
ZZ86095		0.78	88.7	1130	18.2	11.2	0.001	0.02	2.68	2.6	2.1	7.6	47.3	<0.01	0.05	2.4
ZZ86096		2.34	101.0	1050	28.5	22.0	0.001	0.03	1.81	4.4	1.6	1.2	55.7	<0.01	0.06	2.1
ZZ86097		2.13	64.4	1010	26.8	23.6	0.001	0.03	1.32	5.0	1.2	1.2	60.7	<0.01	0.05	2.2
ZZ86098		0.85	56.3	980	21.2	13.0	0.002	0.03	2.26	2.5	1.9	0.7	43.6	<0.01	0.06	2.3
ZZ86099		0.84	55.7	1010	24.6	13.4	0.004	0.04	1.71	2.6	2.3	0.8	43.5	<0.01	0.05	2.4
ZZ86100		0.86	57.7	960	26.1	11.6	0.003	0.03	1.93	2.9	2.4	0.8	42.5	<0.01	0.06	2.4
ZZ86101		0.89	60.6	900	24.3	11.4	0.002	0.03	1.95	2.7	2.5	0.8	43.6	<0.01	0.04	2.2
ZZ86102		0.83	60.2	970	27.2	11.3	0.002	0.03	2.00	2.9	2.0	0.9	38.8	<0.01	0.06	2.0
ZZ86103		0.78	63.0	920	25.6	12.2	0.001	0.02	2.09	2.9	1.9	0.8	49.6	<0.01	0.05	2.5
ZZ86104		1.02	39.8	690	21.0	13.7	0.002	0.03	1.34	2.4	1.5	0.9	49.1	<0.01	0.03	2.0
ZZ86105		0.90	65.6	1020	29.9	15.2	0.002	0.04	1.98	3.0	2.0	1.0	36.9	<0.01	0.05	1.9
ZZ86106		0.66	49.2	720	15.0	13.7	0.001	0.05	1.54	1.9	1.6	0.7	96.8	<0.01	0.05	1.5
ZZ86107		0.72	40.4	610	15.7	12.6	0.001	0.03	1.20	1.8	1.0	0.9	91.6	<0.01	0.04	1.6
ZZ86108		0.82	54.9	1080	24.2	16.4	0.007	0.08	1.72	2.2	3.9	0.8	49.0	<0.01	0.05	1.1
ZZ86109		0.91	40.4	740	18.4	17.6	0.003	0.04	1.15	2.1	1.3	0.9	52.7	<0.01	0.04	1.7
ZZ86110		1.29	37.3	690	22.4	20.6	0.001	0.01	1.16	2.7	0.9	1.1	54.1	<0.01	0.03	2.7
ZZ86111		0.78	59.4	950	23.3	10.1	0.001	0.05	1.61	2.1	2.2	0.8	34.6	<0.01	0.05	1.1
ZZ86112		0.81	61.8	970	23.9	9.2	0.001	0.02	2.07	2.7	1.5	0.8	40.6	<0.01	0.05	2.4
ZZ86113		0.81	38.4	810	17.7	14.9	0.002	0.04	1.28	2.1	1.3	1.7	56.6	<0.01	0.03	1.8
ZZ86114		0.79	47.0	820	18.7	14.2	0.003	0.06	1.45	1.9	1.6	0.7	63.5	<0.01	0.04	1.4
ZZ86115		0.78	85.6	1150	15.3	9.0	0.005	0.06	1.53	1.9	2.7	0.6	37.3	<0.01	0.04	1.7
ZZ86116		0.85	88.1	1180	19.8	8.9	0.007	0.04	1.84	2.4	2.3	0.6	35.3	<0.01	0.05	2.3
ZZ86117		0.69	84.7	1050	14.3	7.3	0.002	0.06	1.77	1.9	2.3	0.5	44.1	<0.01	0.04	0.9
ZZ86118		0.84	55.3	1110	21.6	9.6	0.001	0.02	1.95	2.9	1.4	0.6	32.1	<0.01	0.05	3.0
ZZ86119		0.80	51.4	1030	19.9	10.2	0.002	0.02	2.07	2.8	1.1	0.9	69.5	<0.01	0.04	3.8
ZZ86120		0.56	105.0	1250	26.9	12.3	0.001	0.02	2.68	3.8	1.7	1.2	57.3	<0.01	0.08	4.8
ZZ86121		0.98	64.3	1110	14.9	10.2	0.014	0.12	2.50	1.9	7.0	0.9	54.8	<0.01	0.05	1.0

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CERTIFICATE OF ANALYSIS WH13141814

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
ZZ86082		0.029	0.19	0.82	50	0.94	7.82	155	1.7
ZZ86083		0.030	0.20	0.85	51	1.15	7.55	151	1.7
ZZ86084		0.032	0.24	0.81	58	0.83	8.13	172	1.6
ZZ86085		0.048	0.32	1.18	59	2.43	9.97	157	1.5
ZZ86086		0.033	0.20	1.17	57	2.35	8.56	225	1.7
ZZ86087		0.037	0.30	1.76	48	0.72	13.05	399	3.1
ZZ86088		0.043	0.60	1.21	52	1.48	10.30	344	1.9
ZZ86089		0.021	0.27	1.27	63	0.90	12.00	197	2.7
ZZ86090		0.018	6.23	36.8	190	12.55	2.53	327	5.7
ZZ86091		0.028	0.24	0.88	49	0.81	8.92	180	3.5
ZZ86092		0.033	0.18	1.02	41	0.29	9.61	189	2.4
ZZ86093		0.034	0.21	2.91	33	9.61	8.37	168	2.0
ZZ86094		0.033	0.27	1.16	33	6.41	7.11	217	1.5
ZZ86095		0.038	0.59	1.22	42	2.32	12.05	293	11.2
ZZ86096		0.083	0.52	1.38	68	5.44	12.20	439	1.7
ZZ86097		0.103	0.43	1.03	75	3.19	13.55	196	1.3
ZZ86098		0.036	0.27	1.49	53	2.53	10.05	279	2.2
ZZ86099		0.034	0.24	2.02	49	1.83	9.47	321	2.3
ZZ86100		0.037	0.26	2.02	49	2.13	10.20	271	2.1
ZZ86101		0.034	0.24	1.88	48	1.76	9.03	271	2.1
ZZ86102		0.037	0.27	1.36	53	2.04	10.30	289	1.9
ZZ86103		0.037	0.26	1.11	48	2.00	10.65	267	2.0
ZZ86104		0.047	0.25	1.27	35	2.47	7.49	190	1.9
ZZ86105		0.041	0.31	2.24	54	1.86	10.75	309	1.7
ZZ86106		0.031	0.31	1.63	35	9.27	7.23	233	1.6
ZZ86107		0.032	0.22	1.25	30	10.55	6.45	205	1.4
ZZ86108		0.029	0.27	5.63	46	1.14	8.01	323	1.7
ZZ86109		0.042	0.25	1.41	35	2.96	6.50	236	1.3
ZZ86110		0.057	0.28	0.67	35	3.28	7.38	179	2.1
ZZ86111		0.033	0.19	1.71	48	1.11	7.68	312	1.1
ZZ86112		0.035	0.26	0.82	49	2.41	8.93	271	2.0
ZZ86113		0.038	0.24	1.09	38	6.32	6.59	212	1.4
ZZ86114		0.034	0.25	2.20	37	3.53	6.39	243	1.4
ZZ86115		0.023	0.25	3.81	37	1.95	7.28	894	1.6
ZZ86116		0.028	0.29	3.41	42	0.48	9.23	695	2.0
ZZ86117		0.020	0.27	2.64	33	0.49	7.44	545	1.5
ZZ86118		0.029	0.23	1.27	43	0.78	9.03	312	2.6
ZZ86119		0.034	0.23	1.72	40	0.97	8.40	261	4.4
ZZ86120		0.035	0.32	1.25	57	0.53	11.65	319	5.6
ZZ86121		0.020	0.28	5.77	40	0.22	8.83	413	1.7

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CERTIFICATE OF ANALYSIS WH13141814

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ86122		0.25	0.005	0.31	1.29	40.0	<0.2	<10	250	0.77	1.33	1.40	33.1	22.9	19.1	23
ZZ86123		0.43	0.007	0.23	1.91	44.5	<0.2	<10	260	0.62	2.05	0.07	0.80	33.1	11.0	28
ZZ86124		0.36	0.029	0.15	1.60	63.8	<0.2	<10	320	0.59	1.10	0.23	0.59	30.5	13.8	26
ZZ86125		0.47	0.010	0.33	1.38	56.6	<0.2	<10	330	0.62	2.93	1.12	1.45	29.2	12.6	26
ZZ86126		0.42	0.007	0.25	1.33	27.1	<0.2	<10	310	0.54	2.02	1.92	0.71	25.5	10.4	27
ZZ86127		0.14	0.008	0.32	0.85	53.5	<0.2	<10	450	0.39	1.93	2.15	6.90	17.15	23.2	21
ZZ86128		0.47	0.017	0.13	1.48	91.3	<0.2	<10	290	0.67	3.55	0.18	1.81	37.0	15.7	27
ZZ86129		0.47	0.016	0.18	1.50	88.8	<0.2	<10	370	0.70	1.84	0.48	0.64	35.9	14.9	25
ZZ86130		0.46	0.062	0.36	1.02	86.7	<0.2	<10	340	0.51	2.41	4.85	2.42	31.0	15.8	18
ZZ86131		0.23	0.006	0.21	1.08	42.4	<0.2	<10	280	0.37	2.03	1.52	4.85	23.4	11.3	25
ZZ86132		0.52	0.010	0.24	1.47	60.0	<0.2	<10	670	0.53	1.79	0.79	0.92	31.0	12.3	29
ZZ86133		0.24	0.094	0.43	0.88	58.5	<0.2	<10	360	0.52	2.13	2.18	4.87	20.0	10.6	20
ZZ86134		0.37	0.013	0.30	1.26	66.7	<0.2	<10	380	0.54	1.79	1.18	1.48	29.4	13.4	22
ZZ86135		0.35	0.014	0.33	1.26	56.5	<0.2	<10	410	0.52	1.78	2.06	3.26	30.5	12.8	23
ZZ86136		0.28	0.019	0.26	0.95	36.8	<0.2	<10	380	0.40	1.45	2.03	4.59	20.3	10.4	18
ZZ86137		0.22	0.015	0.23	0.86	51.5	<0.2	<10	270	0.39	1.50	1.53	3.89	21.3	10.6	17
ZZ86138		0.25	0.058	0.29	0.79	51.8	<0.2	<10	260	0.36	1.60	3.02	5.66	23.3	13.1	16
ZZ86139		0.36	0.118	0.39	1.56	43.9	<0.2	<10	250	0.56	1.12	1.38	1.07	30.7	12.2	24
ZZ86140		0.34	0.021	0.23	0.90	30.1	<0.2	<10	230	0.35	1.54	1.23	4.00	25.8	8.0	17
ZZ86141		0.21	0.073	0.24	0.91	26.4	<0.2	<10	260	0.39	1.52	1.48	3.24	25.0	6.2	17
ZZ86142		0.19	0.005	0.25	0.66	54.0	<0.2	<10	960	0.29	1.19	2.87	12.05	13.35	18.6	13
ZZ86143		0.23	0.009	0.22	1.01	65.3	<0.2	<10	430	0.41	1.42	1.94	4.43	21.2	14.0	20
ZZ86144		0.29	0.009	0.29	1.04	50.3	<0.2	<10	300	0.43	1.72	1.46	3.77	22.8	11.1	22
ZZ86145		0.21	0.006	0.34	1.00	37.1	<0.2	<10	450	0.38	1.49	2.36	5.08	15.65	12.4	20
ZZ86146		0.25	0.007	0.40	1.00	33.3	<0.2	<10	270	0.49	1.39	1.57	3.23	20.5	8.8	21
ZZ86147		0.26	0.006	0.40	0.92	42.1	<0.2	<10	560	0.44	1.18	2.05	4.30	13.80	19.3	18
ZZ86148		0.27	0.006	0.38	1.07	13.5	<0.2	<10	400	0.45	1.97	1.50	3.51	19.50	6.2	25
ZZ86149		0.27	0.010	0.58	1.47	22.9	<0.2	<10	380	0.66	2.15	1.16	3.98	24.6	12.8	35
ZZ86150		0.21	0.010	0.38	0.84	29.8	<0.2	<10	300	0.47	1.37	2.49	4.29	15.05	8.1	19
ZZ86151		0.15	0.007	0.45	0.88	34.4	<0.2	<10	280	0.48	1.47	2.05	4.43	18.30	11.3	20
ZZ86152		0.31	0.010	0.36	1.04	55.3	<0.2	<10	290	0.53	1.55	1.16	4.14	22.7	11.9	23
ZZ86153		0.26	0.008	0.36	0.93	38.4	<0.2	<10	320	0.49	1.30	2.03	4.15	17.40	9.7	19
ZZ86154		0.23	0.007	0.32	0.92	27.5	<0.2	<10	250	0.40	1.26	2.53	4.55	21.2	9.3	20
ZZ86155		0.40	0.012	0.29	0.85	14.0	<0.2	<10	240	0.43	1.32	2.72	5.08	19.40	6.7	20
ZZ86156		0.46	0.011	0.36	0.95	36.6	<0.2	<10	200	0.44	1.39	4.26	0.94	20.7	9.8	20
ZZ86157		0.46	0.011	0.27	1.59	52.2	<0.2	<10	330	0.76	0.86	0.23	1.74	33.7	13.1	26
ZZ86158		0.17	0.009	0.46	0.95	36.2	<0.2	<10	360	0.34	1.62	1.87	5.28	18.60	11.5	29
ZZ86159		0.17	0.007	0.64	0.94	67.5	<0.2	<10	420	0.60	1.59	2.34	15.40	16.55	38.9	25
ZZ86160		0.27	0.012	0.75	0.92	27.5	<0.2	<10	360	0.48	1.13	1.45	7.86	21.8	7.3	22
ZZ86161		0.41	0.007	0.54	0.63	46.3	<0.2	<10	330	0.92	1.55	2.12	20.0	21.4	10.5	21

***** 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: 20-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141814

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ86122		0.85	559	2.70	3.18	0.07	0.05	0.09	0.071	0.09	11.8	11.0	0.57	476	33.0	0.01
ZZ86123		0.89	47.9	3.03	4.67	<0.05	0.03	0.07	0.045	0.04	17.7	11.9	0.36	208	9.21	<0.01
ZZ86124		0.89	54.6	3.79	4.00	0.05	0.03	0.11	0.038	0.06	16.3	13.7	0.45	383	3.71	0.01
ZZ86125		1.02	53.5	3.43	3.88	0.05	0.05	0.08	0.053	0.11	15.5	14.1	0.69	466	6.33	0.01
ZZ86126		1.09	37.6	2.77	3.73	0.05	0.06	0.06	0.031	0.07	13.4	13.2	1.38	474	2.88	0.02
ZZ86127		1.04	47.9	3.29	2.61	0.06	0.05	0.10	0.033	0.06	8.9	8.4	0.47	1940	18.55	0.01
ZZ86128		0.88	73.3	3.91	3.63	0.06	0.04	0.10	0.072	0.07	19.8	10.6	0.45	454	7.71	0.01
ZZ86129		0.94	66.2	4.14	3.90	0.06	0.04	0.09	0.047	0.10	18.9	10.6	0.55	668	5.14	0.01
ZZ86130		1.19	69.3	3.64	3.18	0.06	0.13	0.09	0.046	0.14	16.4	9.8	2.07	550	6.76	0.01
ZZ86131		1.00	38.0	2.60	3.24	0.05	0.04	0.09	0.041	0.08	12.4	11.3	0.63	386	6.11	0.01
ZZ86132		1.56	46.7	3.46	4.51	0.05	0.04	0.07	0.040	0.10	16.4	13.4	0.74	445	5.80	0.01
ZZ86133		0.90	62.8	2.82	2.33	0.05	0.05	0.14	0.049	0.09	11.1	6.9	0.56	452	18.70	0.01
ZZ86134		0.81	55.2	3.53	3.50	0.06	0.05	0.09	0.036	0.10	15.6	10.7	0.57	700	7.32	0.01
ZZ86135		0.99	58.0	3.40	3.38	0.05	0.06	0.11	0.041	0.14	16.1	10.8	1.16	612	7.98	0.01
ZZ86136		0.73	44.0	2.50	2.54	<0.05	0.04	0.11	0.031	0.07	10.6	8.3	0.53	990	7.48	0.01
ZZ86137		0.74	41.4	2.68	2.44	0.05	0.04	0.08	0.032	0.08	11.2	7.9	0.58	609	6.61	0.01
ZZ86138		0.80	50.9	2.62	2.45	0.06	0.04	0.08	0.034	0.07	12.3	7.7	1.39	522	6.38	0.01
ZZ86139		1.66	50.7	3.83	5.20	0.06	0.03	0.10	0.036	0.09	16.9	14.3	1.21	622	4.14	0.01
ZZ86140		0.81	37.0	2.28	2.57	0.05	0.04	0.06	0.034	0.07	13.4	8.2	0.49	421	5.46	0.01
ZZ86141		0.85	46.3	2.05	2.62	0.05	0.04	0.07	0.031	0.07	13.2	8.7	0.50	243	4.02	0.01
ZZ86142		0.85	35.8	2.52	2.21	0.05	0.04	0.09	0.023	0.07	6.5	5.8	0.49	12050	29.3	0.01
ZZ86143		1.10	38.7	3.67	2.92	0.05	0.05	0.08	0.030	0.10	11.0	9.0	0.82	1660	10.15	0.01
ZZ86144		1.14	42.9	2.83	3.22	0.05	0.04	0.09	0.035	0.07	11.9	10.6	0.55	436	6.18	0.01
ZZ86145		1.08	47.4	2.41	2.98	<0.05	0.05	0.11	0.032	0.08	8.3	9.0	0.54	2220	10.20	0.01
ZZ86146		1.09	39.7	2.29	3.19	0.05	0.05	0.10	0.036	0.07	11.3	11.5	0.55	625	4.94	0.01
ZZ86147		0.90	46.0	3.30	2.71	<0.05	0.05	0.10	0.028	0.08	7.0	9.4	0.48	3020	13.10	0.01
ZZ86148		1.39	36.6	1.53	3.38	<0.05	0.05	0.09	0.042	0.06	10.4	12.1	0.60	803	5.66	0.01
ZZ86149		2.04	56.4	1.79	4.51	0.05	0.06	0.12	0.048	0.09	13.2	16.7	0.74	214	5.11	0.01
ZZ86150		0.88	50.3	2.08	2.45	0.05	0.05	0.12	0.035	0.06	7.7	8.7	0.49	610	5.95	0.01
ZZ86151		0.90	44.5	2.38	2.58	0.05	0.04	0.14	0.038	0.06	10.0	9.5	0.51	634	6.01	0.01
ZZ86152		1.08	44.5	3.69	3.21	0.05	0.04	0.11	0.034	0.07	12.1	11.5	0.60	308	7.05	0.01
ZZ86153		0.93	48.5	2.65	2.69	<0.05	0.05	0.10	0.031	0.08	9.5	9.6	0.50	378	5.40	0.01
ZZ86154		1.00	44.4	2.19	2.70	<0.05	0.04	0.09	0.032	0.07	11.5	9.7	1.25	382	3.82	0.01
ZZ86155		1.01	43.2	1.91	2.45	<0.05	0.04	0.08	0.031	0.07	10.5	8.9	1.21	189	2.76	0.01
ZZ86156		1.11	36.9	2.56	2.88	0.05	0.04	0.07	0.032	0.05	11.5	10.0	2.68	443	3.40	0.02
ZZ86157		0.95	48.2	3.42	4.21	0.05	0.03	0.09	0.039	0.05	16.7	11.2	0.42	613	19.55	<0.01
ZZ86158		1.40	43.4	2.45	2.94	0.05	0.04	0.14	0.031	0.06	9.8	9.8	0.57	1460	9.22	<0.01
ZZ86159		1.27	82.6	3.29	2.72	0.06	0.03	0.12	0.035	0.04	8.3	7.5	0.51	1740	12.45	0.01
ZZ86160		1.09	73.5	1.65	2.79	0.05	0.05	0.13	0.041	0.05	12.0	9.3	0.45	79	7.17	<0.01
ZZ86161		0.73	99.9	2.86	1.82	0.05	0.04	0.81	0.051	0.04	14.2	4.8	0.59	331	59.4	<0.01

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

Project: RAV

CERTIFICATE OF ANALYSIS WH13141814

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ86122		0.95	381	1320	16.1	9.4	0.012	0.05	6.87	2.7	10.4	0.8	30.5	<0.01	0.05	2.1
ZZ86123		1.01	47.4	510	15.5	9.5	<0.001	0.01	1.64	2.9	2.4	1.1	14.6	<0.01	0.05	4.3
ZZ86124		1.06	45.4	620	21.7	8.1	<0.001	0.01	1.75	3.6	1.7	0.7	12.6	<0.01	0.05	3.4
ZZ86125		1.14	54.7	970	24.6	10.7	0.001	0.03	2.53	3.3	2.0	1.3	31.5	<0.01	0.07	3.2
ZZ86126		0.96	38.1	880	19.6	9.3	<0.001	0.01	1.62	3.4	0.7	0.8	25.9	<0.01	0.04	3.5
ZZ86127		0.90	75.6	920	14.5	8.0	0.018	0.15	2.18	2.1	6.9	0.6	60.4	<0.01	0.06	1.2
ZZ86128		1.35	72.4	800	19.9	10.4	<0.001	0.02	2.77	3.7	3.8	1.4	23.4	<0.01	0.07	4.4
ZZ86129		1.09	54.2	1070	22.0	9.5	<0.001	0.02	2.40	3.7	2.2	0.9	21.5	<0.01	0.07	4.2
ZZ86130		0.86	60.4	1450	25.7	12.0	0.001	0.02	3.40	3.2	2.2	1.0	79.7	<0.01	0.06	4.9
ZZ86131		1.11	48.6	1030	16.5	11.7	0.009	0.08	1.79	2.5	5.3	1.0	45.3	<0.01	0.05	1.6
ZZ86132		1.23	45.5	1030	17.8	11.5	<0.001	0.02	1.91	3.7	1.5	0.8	25.3	<0.01	0.06	3.5
ZZ86133		0.87	104.0	1390	16.4	7.7	0.001	0.07	3.19	1.9	3.9	6.0	43.1	<0.01	0.07	1.3
ZZ86134		1.11	52.6	1220	19.4	9.5	<0.001	0.03	2.16	2.8	1.3	0.7	31.2	<0.01	0.05	2.3
ZZ86135		1.06	76.3	1200	20.2	11.3	0.001	0.03	2.44	3.0	2.3	0.7	34.0	<0.01	0.05	3.3
ZZ86136		0.86	61.6	1110	16.2	8.1	0.011	0.09	1.80	1.9	3.7	0.8	45.1	<0.01	0.05	1.2
ZZ86137		0.85	58.9	1160	15.2	7.8	0.005	0.05	2.01	1.8	2.4	0.7	33.6	<0.01	0.05	1.6
ZZ86138		0.97	70.1	1280	17.7	8.5	0.008	0.07	2.43	2.0	2.7	0.7	48.1	<0.01	0.04	1.9
ZZ86139		2.11	57.3	980	15.9	14.1	<0.001	0.02	2.23	4.4	1.8	1.1	27.1	<0.01	0.07	3.2
ZZ86140		1.02	67.3	1190	15.0	8.7	0.010	0.06	1.65	1.9	3.8	0.5	32.1	<0.01	0.05	1.9
ZZ86141		0.99	65.5	1190	14.1	6.5	0.015	0.09	1.65	1.9	4.2	0.6	37.8	<0.01	0.04	1.6
ZZ86142		0.68	141.0	1120	11.7	10.0	0.031	0.16	2.12	1.2	5.7	0.5	64.2	<0.01	0.04	0.6
ZZ86143		0.87	112.0	1150	15.2	13.7	0.013	0.07	1.92	2.2	3.4	0.7	38.5	<0.01	0.06	1.7
ZZ86144		1.08	78.2	1040	16.8	10.3	0.013	0.09	1.92	2.4	4.0	0.8	41.0	<0.01	0.05	1.8
ZZ86145		0.89	88.9	1130	15.7	9.6	0.032	0.17	2.10	1.8	5.7	0.7	56.2	<0.01	0.04	0.9
ZZ86146		1.08	92.7	1070	16.5	8.2	0.018	0.11	1.39	2.4	2.9	0.8	42.7	<0.01	0.02	1.3
ZZ86147		0.89	118.0	1090	14.2	7.1	0.032	0.21	2.18	2.1	4.6	0.6	49.6	<0.01	0.01	1.1
ZZ86148		1.06	46.2	1060	23.5	6.4	0.014	0.17	1.85	2.3	3.4	0.8	41.6	<0.01	0.02	1.3
ZZ86149		1.65	76.7	930	24.2	14.8	0.015	0.14	1.92	4.0	3.7	1.1	36.1	<0.01	0.01	2.4
ZZ86150		0.92	81.9	1010	15.1	8.6	0.024	0.15	1.94	1.7	5.6	0.7	53.8	<0.01	0.03	0.7
ZZ86151		1.00	91.2	990	16.4	10.0	0.021	0.12	1.75	2.1	5.3	0.8	48.3	<0.01	0.03	0.9
ZZ86152		1.09	90.9	1020	16.5	8.0	0.010	0.06	1.85	2.6	3.6	0.8	29.9	<0.01	0.01	1.8
ZZ86153		1.00	80.8	1020	14.9	10.5	0.017	0.12	1.92	2.0	4.3	0.7	47.4	<0.01	0.02	1.0
ZZ86154		0.90	88.4	1100	16.9	9.8	0.005	0.05	1.52	2.2	2.4	0.8	38.1	<0.01	0.02	1.6
ZZ86155		0.92	63.9	970	15.1	11.2	0.025	0.10	1.79	2.0	5.4	0.7	40.7	<0.01	0.01	1.3
ZZ86156		1.10	41.4	1110	15.9	8.4	0.001	0.02	1.59	2.7	0.8	0.6	40.9	<0.01	0.02	2.2
ZZ86157		1.46	88.4	590	16.3	9.5	0.001	0.02	3.24	4.3	2.0	0.8	12.8	<0.01	0.04	3.5
ZZ86158		0.92	73.2	1100	13.1	10.3	0.015	0.11	1.90	2.4	6.2	0.6	55.2	<0.01	0.03	0.9
ZZ86159		0.94	100.0	1180	12.9	6.1	0.039	0.20	2.55	2.1	9.7	0.5	60.7	<0.01	0.04	0.5
ZZ86160		1.15	53.5	1000	15.5	7.3	0.016	0.17	3.14	2.4	8.3	0.6	42.5	<0.01	0.01	1.5
ZZ86161		0.56	222	760	26.8	5.1	0.002	0.10	5.36	3.1	5.8	1.2	46.4	<0.01	0.12	3.0

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CERTIFICATE OF ANALYSIS WH13141814

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
ZZ86122		0.023	0.16	14.70	59	0.65	20.9	2110	2.1
ZZ86123		0.025	0.22	1.09	68	0.37	4.20	132	1.4
ZZ86124		0.019	0.18	1.15	52	0.19	9.78	115	1.1
ZZ86125		0.027	0.25	1.25	56	0.53	9.56	214	2.4
ZZ86126		0.038	0.17	0.69	51	2.35	9.22	141	2.6
ZZ86127		0.020	0.24	4.57	39	0.48	8.98	450	1.9
ZZ86128		0.024	0.32	1.69	58	0.49	10.50	198	2.2
ZZ86129		0.022	0.26	1.37	55	0.25	10.95	144	2.1
ZZ86130		0.033	0.35	1.43	44	0.25	10.05	198	7.8
ZZ86131		0.025	0.28	3.75	46	0.23	8.47	473	1.6
ZZ86132		0.034	0.30	1.49	56	0.22	8.08	174	1.4
ZZ86133		0.017	0.39	7.15	62	0.38	13.85	537	2.4
ZZ86134		0.027	0.19	2.85	46	0.28	10.65	159	1.9
ZZ86135		0.026	0.27	2.43	44	0.31	10.30	440	2.8
ZZ86136		0.019	0.23	15.05	36	0.24	8.26	406	1.7
ZZ86137		0.022	0.21	5.27	36	0.25	7.83	402	1.6
ZZ86138		0.022	0.23	3.44	35	0.27	9.19	368	2.0
ZZ86139		0.053	0.29	1.45	54	0.34	15.00	184	1.5
ZZ86140		0.023	0.31	4.40	36	0.39	8.03	535	1.6
ZZ86141		0.021	0.34	4.61	31	0.20	8.39	433	1.5
ZZ86142		0.015	0.32	6.55	25	0.16	5.50	848	1.5
ZZ86143		0.025	0.33	3.18	41	0.64	7.60	897	1.7
ZZ86144		0.026	0.29	4.43	43	0.40	9.24	570	1.8
ZZ86145		0.019	0.30	9.27	37	0.26	7.72	564	2.0
ZZ86146		0.025	0.31	3.79	38	0.38	8.13	864	1.8
ZZ86147		0.017	0.30	11.75	33	0.32	5.88	877	2.0
ZZ86148		0.027	0.26	3.43	44	2.29	7.62	280	2.2
ZZ86149		0.037	0.35	4.02	56	0.52	11.10	518	2.7
ZZ86150		0.018	0.34	11.90	35	0.30	8.01	548	2.0
ZZ86151		0.021	0.32	6.03	36	0.30	9.05	633	2.0
ZZ86152		0.024	0.26	2.69	44	0.34	8.93	584	1.8
ZZ86153		0.018	0.26	6.52	35	0.28	8.29	570	2.1
ZZ86154		0.025	0.28	3.27	37	0.83	8.09	760	1.9
ZZ86155		0.023	0.31	4.29	38	3.24	8.58	581	1.9
ZZ86156		0.035	0.20	0.99	42	2.92	8.76	151	1.7
ZZ86157		0.023	0.21	1.53	52	0.57	12.30	187	1.5
ZZ86158		0.026	0.31	5.56	38	0.15	8.83	698	1.5
ZZ86159		0.021	0.32	12.20	38	0.18	12.15	540	1.6
ZZ86160		0.023	0.23	8.44	46	0.16	10.80	417	2.3
ZZ86161		0.009	0.63	3.64	76	0.75	21.6	1220	3.0

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

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

Finalized Date: 20-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141814

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ86162		0.44	0.016	0.40	1.40	64.2	<0.2	<10	400	0.68	1.30	0.67	0.59	30.4	12.2	23
ZZ86163		0.36	0.029	0.36	1.22	60.9	<0.2	<10	530	0.54	1.26	1.66	1.74	26.9	10.8	21
ZZ86164		0.31	0.104	0.22	1.14	135.5	<0.2	<10	420	0.33	4.07	8.34	1.47	18.60	12.2	37
ZZ86165		0.35	0.004	0.31	1.58	19.4	<0.2	<10	440	0.79	0.57	1.33	0.70	24.4	13.4	29
ZZ86166		0.35	0.006	0.28	1.50	21.4	<0.2	<10	490	0.82	0.70	1.54	0.74	21.6	12.9	27
ZZ86167		0.40	0.005	0.28	1.34	22.4	<0.2	<10	660	0.74	0.88	2.98	0.76	21.1	10.8	25
ZZ86168		0.36	0.005	0.27	1.09	36.6	<0.2	<10	670	0.42	1.54	5.62	0.94	16.65	9.1	25
ZZ86169		0.60	0.006	0.32	1.54	55.5	<0.2	<10	380	0.47	1.84	8.14	0.84	16.90	10.1	39
ZZ86170		0.23	0.005	0.30	0.94	30.5	<0.2	<10	970	0.41	1.25	3.85	1.04	14.45	7.5	20
ZZ86171		0.29	0.007	0.40	1.24	40.3	<0.2	<10	620	0.44	1.33	5.93	1.14	17.30	9.6	28
ZZ86172		0.47	0.004	0.56	2.48	30.4	<0.2	<10	380	0.88	0.57	1.32	1.97	31.7	14.7	57
ZZ86173		0.36	0.003	0.23	1.71	16.9	<0.2	<10	370	0.53	0.49	0.83	0.56	22.2	9.1	38
ZZ86174		0.31	0.018	0.37	1.39	75.3	<0.2	<10	430	0.57	2.90	1.80	1.10	30.2	12.8	30
ZZ86175		0.35	0.009	0.49	1.43	33.6	<0.2	<10	680	0.70	1.06	1.92	0.76	25.0	11.9	30
ZZ86176		0.23	0.015	0.41	1.33	59.8	<0.2	<10	530	0.70	1.73	1.10	0.87	28.5	12.7	28
ZZ86177		0.44	0.025	0.42	1.27	42.0	<0.2	<10	570	0.53	1.13	3.39	1.62	22.7	14.4	29
ZZ86178		0.47	0.008	0.38	1.70	39.1	<0.2	<10	460	0.73	0.97	0.60	0.61	32.7	14.4	33
ZZ86179		0.53	0.005	0.26	1.77	34.5	<0.2	<10	360	0.78	0.96	0.89	0.41	29.8	12.5	36
ZZ86180		0.46	0.011	0.30	1.56	61.3	<0.2	<10	280	0.64	1.86	5.07	0.55	25.3	11.1	33
ZZ86181		0.37	0.066	0.24	2.35	127.5	<0.2	<10	420	0.94	3.89	1.73	0.59	41.8	17.6	58
ZZ86182		0.39	0.093	0.32	1.71	88.6	<0.2	<10	280	0.71	3.21	0.82	0.43	25.6	12.9	48
ZZ86183		0.43	0.018	0.17	1.95	39.9	<0.2	<10	380	0.36	0.82	1.82	0.48	10.10	32.0	112
ZZ86184		0.30	0.081	0.22	0.98	158	<0.2	<10	410	0.26	3.07	10.15	0.92	15.55	11.4	31
ZZ86185		0.27	0.008	0.29	1.22	33.8	<0.2	<10	760	0.42	0.95	2.12	1.79	20.5	14.7	27
ZZ86186		0.26	0.004	0.31	1.13	28.8	<0.2	10	710	0.41	0.93	2.31	1.77	18.10	12.0	25
ZZ86187		0.24	0.006	0.25	1.06	64.0	<0.2	<10	980	0.34	1.39	3.58	1.61	21.4	12.3	26
ZZ86188		0.39	0.006	0.32	2.01	57.4	<0.2	<10	330	0.76	1.94	3.01	0.63	22.2	13.0	43
ZZ86189		0.34	0.009	0.06	1.84	30.2	<0.2	<10	270	0.46	1.39	0.32	0.20	20.2	9.1	39
ZZ86190		0.33	0.008	0.40	1.32	43.4	<0.2	<10	780	0.53	1.47	3.61	1.67	22.3	11.6	29
ZZ86191		0.35	0.008	0.18	1.85	22.2	<0.2	<10	320	0.60	0.47	0.25	0.34	29.4	9.3	26
ZZ86192		0.39	0.016	0.27	1.74	39.2	<0.2	<10	440	0.73	0.77	0.67	0.60	27.3	12.3	32
ZZ86193		0.17	0.002	0.22	0.50	11.6	<0.2	<10	910	0.22	0.28	4.64	1.13	6.54	5.4	10
ZZ86194		0.42	0.012	0.42	1.41	36.5	<0.2	<10	560	0.68	0.79	1.43	0.76	25.8	13.9	32
ZZ86195		0.51	0.005	0.31	1.27	36.6	<0.2	<10	380	0.54	1.33	3.01	0.98	24.0	12.5	26
ZZ86196		0.25	0.006	0.33	1.35	42.5	<0.2	<10	690	0.45	1.13	1.83	1.34	21.2	11.9	29
ZZ86197		0.24	0.005	0.30	1.33	33.0	<0.2	<10	720	0.52	1.28	2.32	1.32	19.80	13.3	28
ZZ86198		0.17	0.003	0.27	0.94	27.8	<0.2	10	480	0.33	0.92	2.75	1.11	14.90	10.9	21
ZZ86199		0.25	0.005	0.38	1.46	52.6	<0.2	<10	520	0.57	1.98	2.09	0.78	20.2	12.6	31
ZZ86200		0.41	0.009	0.37	1.58	51.3	<0.2	<10	460	0.55	1.88	4.04	1.14	21.6	14.4	39
ZZ86201		0.31	0.006	0.40	1.05	40.2	<0.2	<10	730	0.41	1.08	3.59	1.83	18.95	11.5	26

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2013
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Project: RAV

CERTIFICATE OF ANALYSIS WH13141814

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ86162		0.77	54.0	3.61	3.95	0.05	0.05	0.08	0.038	0.08	17.5	12.8	0.55	534	3.73	<0.01
ZZ86163		0.66	49.6	3.28	3.43	<0.05	0.05	0.08	0.036	0.08	15.2	11.2	0.99	448	5.52	0.01
ZZ86164		1.91	28.5	2.88	3.43	<0.05	0.02	0.04	0.035	0.09	9.3	10.6	4.14	493	1.41	0.01
ZZ86165		1.04	48.5	3.56	4.36	<0.05	0.11	0.11	0.032	0.15	12.8	21.4	0.87	596	1.70	0.01
ZZ86166		0.97	43.2	3.35	4.25	<0.05	0.10	0.10	0.033	0.13	10.9	19.9	0.79	554	1.58	0.01
ZZ86167		1.02	42.5	2.97	3.87	<0.05	0.09	0.11	0.031	0.12	11.1	18.5	1.21	390	1.54	0.01
ZZ86168		1.33	28.5	2.40	3.17	<0.05	0.04	0.07	0.028	0.08	8.7	11.4	2.21	712	1.59	0.02
ZZ86169		2.27	28.9	2.88	4.60	0.05	0.02	0.09	0.032	0.08	9.7	13.9	3.42	481	1.69	0.03
ZZ86170		0.66	19.7	1.99	2.70	<0.05	0.02	0.08	0.027	0.03	8.0	8.0	0.72	673	1.33	0.01
ZZ86171		1.78	27.5	2.59	3.68	<0.05	0.03	0.07	0.032	0.06	10.3	11.4	3.47	658	1.72	0.03
ZZ86172		2.37	42.0	4.00	6.25	0.07	0.04	0.08	0.046	0.10	17.2	21.9	1.58	1150	2.80	0.04
ZZ86173		1.64	17.5	2.81	4.95	<0.05	0.04	0.04	0.029	0.06	10.9	16.3	0.83	453	1.99	0.01
ZZ86174		0.94	32.4	3.15	4.12	0.05	0.06	0.07	0.036	0.05	16.3	14.5	1.10	602	1.78	0.01
ZZ86175		0.89	53.9	3.27	3.98	0.05	0.07	0.09	0.036	0.11	13.8	15.5	0.94	504	3.23	0.01
ZZ86176		0.93	44.7	3.13	4.02	0.05	0.06	0.07	0.039	0.09	15.9	13.8	0.62	664	3.57	0.01
ZZ86177		1.63	60.4	3.29	3.72	<0.05	0.08	0.07	0.033	0.14	12.3	12.0	1.73	588	4.54	0.02
ZZ86178		1.06	49.4	3.56	4.87	0.05	0.04	0.06	0.037	0.09	18.1	14.6	0.63	678	3.45	0.01
ZZ86179		1.36	43.1	3.55	4.99	0.05	0.04	0.07	0.041	0.08	17.2	15.5	0.96	362	3.90	0.01
ZZ86180		1.58	17.7	3.03	4.53	<0.05	0.04	0.04	0.033	0.06	15.0	16.5	3.47	504	1.47	0.01
ZZ86181		2.18	26.5	4.23	6.47	0.06	0.04	0.05	0.045	0.08	23.0	18.1	1.97	858	2.23	0.01
ZZ86182		1.67	18.8	3.34	4.88	0.06	0.03	0.05	0.038	0.05	15.3	16.0	0.96	313	1.74	0.01
ZZ86183		0.99	28.3	4.49	6.87	0.09	<0.02	0.04	0.038	0.03	5.4	15.2	2.16	570	3.80	0.01
ZZ86184		1.50	19.0	2.60	3.02	<0.05	0.02	0.04	0.029	0.06	7.8	10.1	4.59	526	1.42	0.01
ZZ86185		1.58	29.1	2.79	3.58	<0.05	0.04	0.08	0.031	0.09	10.9	12.0	0.98	1160	4.00	0.01
ZZ86186		1.69	31.8	2.46	3.33	<0.05	0.05	0.08	0.030	0.09	9.4	10.8	0.88	402	2.30	0.01
ZZ86187		1.59	25.2	2.55	3.22	0.05	0.04	0.07	0.027	0.07	11.0	10.6	2.02	809	2.31	0.01
ZZ86188		2.62	26.4	3.63	5.64	<0.05	0.04	0.07	0.038	0.08	12.6	18.5	1.90	485	1.90	0.02
ZZ86189		1.43	12.5	2.78	6.01	<0.05	0.02	0.02	0.028	0.03	9.9	17.7	0.58	177	1.56	<0.01
ZZ86190		1.23	34.8	2.77	3.98	<0.05	0.05	0.09	0.032	0.07	11.5	15.0	1.88	428	2.27	0.01
ZZ86191		0.97	21.3	2.94	5.89	<0.05	0.03	0.03	0.028	0.05	13.9	14.4	0.37	293	2.89	<0.01
ZZ86192		1.02	44.6	3.46	4.76	0.05	0.05	0.07	0.033	0.09	14.9	13.9	0.75	422	4.05	0.01
ZZ86193		0.37	26.1	1.20	1.26	<0.05	0.03	0.08	0.012	0.03	3.4	3.9	0.53	930	1.29	0.01
ZZ86194		1.05	47.0	3.34	4.28	<0.05	0.06	0.07	0.036	0.10	13.7	14.5	0.83	555	3.56	0.01
ZZ86195		1.33	39.9	3.07	3.69	0.05	0.06	0.08	0.032	0.10	12.3	13.6	1.66	533	2.87	0.01
ZZ86196		1.51	33.5	3.34	3.94	<0.05	0.05	0.08	0.033	0.10	11.3	12.4	0.80	486	4.38	0.01
ZZ86197		1.47	43.9	2.80	3.93	<0.05	0.06	0.06	0.036	0.09	10.5	13.3	0.81	495	2.95	0.01
ZZ86198		1.15	25.2	2.13	2.85	<0.05	0.03	0.06	0.023	0.07	7.1	9.5	0.72	675	1.91	0.01
ZZ86199		1.72	30.6	3.04	4.36	<0.05	0.03	0.07	0.038	0.08	10.7	14.6	0.94	658	2.94	0.01
ZZ86200		2.32	41.4	3.43	4.94	0.05	0.04	0.07	0.037	0.13	11.8	15.2	2.19	518	3.29	0.02
ZZ86201		1.22	46.9	2.67	3.13	0.05	0.06	0.06	0.030	0.11	10.0	10.2	1.35	419	3.76	0.01

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	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ86162		1.26	42.7	1090	20.2	8.4	0.001	0.02	1.64	3.7	1.3	0.8	24.5	<0.01	0.03	2.8
ZZ86163		1.29	39.8	1160	15.8	7.7	0.001	0.03	1.90	3.0	1.9	0.6	29.4	<0.01	0.03	2.5
ZZ86164		1.16	37.7	990	33.7	15.1	0.001	0.05	0.95	2.5	0.8	0.6	70.0	<0.01	0.01	1.1
ZZ86165		0.70	38.9	770	21.4	9.9	0.001	0.03	1.22	4.2	0.8	0.5	29.9	<0.01	0.03	3.3
ZZ86166		0.73	37.2	750	21.5	9.5	0.001	0.04	1.14	3.8	0.8	0.5	32.4	<0.01	0.03	2.8
ZZ86167		0.83	34.1	780	20.5	9.0	0.001	0.04	1.22	3.6	1.3	0.5	47.0	<0.01	0.03	2.6
ZZ86168		1.19	27.8	1070	19.1	8.9	0.002	0.07	1.27	2.4	1.8	0.6	66.0	<0.01	0.03	1.0
ZZ86169		1.92	31.5	1290	24.0	12.4	0.001	0.03	1.02	3.7	0.9	0.7	94.5	<0.01	0.03	1.4
ZZ86170		1.00	19.0	1050	15.6	5.1	0.001	0.10	1.00	1.4	1.6	0.5	56.9	<0.01	0.01	0.3
ZZ86171		1.58	29.0	1250	19.9	9.9	0.001	0.05	1.10	3.1	1.2	0.7	52.4	<0.01	0.02	1.2
ZZ86172		2.80	51.0	1910	21.8	11.7	0.001	0.03	1.18	7.1	1.2	0.8	32.0	0.01	0.02	3.3
ZZ86173		1.77	29.6	940	13.9	12.0	0.001	0.03	0.77	3.5	1.1	0.6	22.7	<0.01	0.01	2.4
ZZ86174		1.42	35.5	1230	27.2	7.6	0.001	0.04	1.10	3.7	1.4	0.7	29.1	<0.01	0.03	2.8
ZZ86175		1.08	45.8	960	21.5	10.1	0.002	0.06	2.07	3.3	1.9	0.6	31.1	<0.01	0.06	1.8
ZZ86176		1.12	45.1	1050	21.9	10.0	0.001	0.03	1.54	3.5	1.4	0.6	30.0	<0.01	0.04	2.3
ZZ86177		1.34	56.6	1240	18.4	14.2	0.001	0.04	2.13	3.4	1.2	0.7	47.3	<0.01	0.05	2.4
ZZ86178		1.16	47.0	700	20.7	11.2	0.001	0.02	1.42	4.3	1.4	0.8	19.4	<0.01	0.01	2.8
ZZ86179		1.41	54.7	570	18.7	12.3	0.001	0.02	1.33	4.3	1.4	0.8	14.6	<0.01	0.05	3.0
ZZ86180		1.55	30.8	730	24.1	13.4	0.001	0.02	0.78	4.2	0.8	0.6	28.4	<0.01	0.02	2.4
ZZ86181		2.41	50.7	660	32.9	11.8	0.001	0.02	0.96	8.0	1.2	0.9	17.1	<0.01	0.02	3.7
ZZ86182		1.61	37.8	800	33.5	9.4	0.001	0.03	0.91	3.9	0.7	0.7	19.1	<0.01	0.05	1.7
ZZ86183		2.88	128.0	680	11.4	4.3	<0.001	0.03	0.77	8.2	0.6	0.9	17.9	<0.01	0.02	0.8
ZZ86184		1.25	32.6	870	28.7	9.0	0.001	0.04	0.91	2.2	0.8	0.9	79.8	<0.01	0.02	1.1
ZZ86185		1.19	40.6	1060	19.7	11.5	0.007	0.12	1.19	2.3	1.9	0.6	46.8	<0.01	0.05	1.4
ZZ86186		1.24	38.9	970	19.3	11.4	0.005	0.15	1.37	2.3	1.5	0.7	49.5	<0.01	0.06	1.3
ZZ86187		1.22	36.8	1030	20.6	10.2	0.004	0.09	1.15	2.1	1.5	0.6	42.4	<0.01	0.03	1.4
ZZ86188		2.12	40.1	910	30.0	14.3	0.001	0.04	0.91	4.2	0.9	0.8	37.7	<0.01	0.05	1.9
ZZ86189		1.67	27.1	290	17.7	8.8	0.001	0.01	0.54	2.4	<0.2	0.8	9.8	<0.01	0.03	2.2
ZZ86190		1.40	35.9	1130	20.2	9.8	0.001	0.06	1.44	3.1	2.5	0.5	44.4	<0.01	0.04	1.5
ZZ86191		1.39	27.1	390	15.4	10.0	0.001	0.01	0.66	2.8	0.9	0.8	10.4	<0.01	0.05	3.1
ZZ86192		1.02	52.0	710	17.5	10.3	0.001	0.02	1.35	4.1	1.5	0.7	16.0	<0.01	0.07	3.3
ZZ86193		0.50	22.6	800	6.3	3.5	0.003	0.16	1.02	0.6	3.0	0.2	67.6	<0.01	0.02	0.2
ZZ86194		1.14	47.8	1110	19.5	10.6	0.001	0.04	1.61	3.5	1.5	0.6	29.0	<0.01	0.04	1.9
ZZ86195		1.25	39.9	1050	22.4	10.6	0.001	0.03	1.48	3.3	1.2	0.6	38.5	<0.01	0.04	2.4
ZZ86196		1.36	37.8	1180	21.3	10.9	0.005	0.11	1.72	2.8	1.6	0.9	40.2	<0.01	0.03	1.5
ZZ86197		1.41	50.0	880	21.2	10.4	0.003	0.13	1.53	2.6	1.2	0.8	51.1	<0.01	0.05	1.2
ZZ86198		1.02	30.7	900	15.2	10.5	0.004	0.15	1.02	1.7	1.1	0.6	50.3	<0.01	0.04	0.7
ZZ86199		1.55	38.1	860	24.0	11.8	0.001	0.09	1.15	2.3	1.3	0.8	38.0	<0.01	0.04	0.7
ZZ86200		1.90	49.5	1190	25.5	16.3	0.001	0.04	1.57	4.0	1.3	0.7	50.3	<0.01	0.06	2.0
ZZ86201		1.07	47.9	1280	16.0	10.9	0.002	0.07	2.09	2.3	2.6	0.5	52.9	<0.01	0.06	1.2

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

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

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

Finalized Date: 20- AUG- 2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141814

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
ZZ86162		0.024	0.15	1.04	46	0.18	11.00	128	1.8
ZZ86163		0.025	0.15	1.73	42	0.19	8.70	118	2.3
ZZ86164		0.052	0.19	0.96	34	3.18	6.64	415	0.9
ZZ86165		0.013	0.14	0.78	43	0.24	8.87	160	4.1
ZZ86166		0.011	0.12	0.90	39	0.35	8.30	142	3.7
ZZ86167		0.014	0.11	1.16	37	1.55	8.16	144	3.2
ZZ86168		0.030	0.15	1.06	37	3.56	7.57	141	1.5
ZZ86169		0.065	0.18	0.82	55	2.77	9.85	155	1.1
ZZ86170		0.023	0.07	1.16	33	6.94	6.82	81	0.8
ZZ86171		0.046	0.18	1.03	45	0.94	10.25	143	1.2
ZZ86172		0.086	0.27	1.10	88	0.38	20.0	199	1.8
ZZ86173		0.046	0.14	0.84	63	0.33	5.65	143	1.5
ZZ86174		0.037	0.13	0.85	48	2.08	11.80	172	1.9
ZZ86175		0.022	0.13	1.16	50	0.53	10.40	152	2.7
ZZ86176		0.030	0.14	1.29	48	0.67	10.65	152	2.3
ZZ86177		0.038	0.26	1.43	53	0.53	9.67	190	3.2
ZZ86178		0.030	0.14	1.10	60	0.54	11.70	149	1.7
ZZ86179		0.031	0.21	1.11	62	0.30	10.35	144	1.5
ZZ86180		0.042	0.17	0.69	48	4.72	12.15	160	1.1
ZZ86181		0.076	0.20	1.00	69	3.71	18.15	174	1.4
ZZ86182		0.045	0.19	0.91	53	4.08	11.65	176	1.0
ZZ86183		0.071	0.14	0.54	89	0.77	7.70	98	0.5
ZZ86184		0.049	0.17	1.05	30	4.01	5.79	337	0.8
ZZ86185		0.034	0.29	5.52	49	1.32	6.68	321	1.5
ZZ86186		0.032	0.30	7.46	48	1.20	6.66	338	2.2
ZZ86187		0.037	0.25	2.78	41	1.85	6.45	350	1.2
ZZ86188		0.052	0.26	0.88	59	0.79	10.75	169	1.1
ZZ86189		0.038	0.18	0.46	59	1.32	3.23	89	0.7
ZZ86190		0.037	0.16	1.03	44	1.11	8.82	158	1.6
ZZ86191		0.024	0.17	0.64	61	0.29	4.30	82	1.1
ZZ86192		0.023	0.20	1.02	58	0.37	9.42	135	1.9
ZZ86193		0.009	0.07	4.50	17	0.12	3.63	66	1.1
ZZ86194		0.028	0.17	1.24	52	0.51	10.35	147	2.2
ZZ86195		0.032	0.21	0.82	44	1.44	8.40	158	2.4
ZZ86196		0.035	0.27	6.38	57	1.11	7.68	241	2.0
ZZ86197		0.032	0.31	10.50	49	1.87	7.68	247	2.3
ZZ86198		0.025	0.22	8.85	38	1.31	4.94	184	1.3
ZZ86199		0.032	0.22	6.88	53	1.05	8.05	190	1.1
ZZ86200		0.054	0.28	0.91	58	1.42	10.35	186	1.9
ZZ86201		0.027	0.22	1.93	44	1.48	7.81	185	2.4

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 20-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141814

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ86202		0.44	0.006	0.47	2.25	35.9	<0.2	<10	1020	0.88	2.90	1.65	1.96	20.4	17.4	49
ZZ86203		0.36	0.017	0.53	1.33	37.8	<0.2	<10	540	0.58	1.60	3.84	2.56	24.2	12.2	33
ZZ86204		0.42	0.020	0.34	1.77	30.8	<0.2	<10	810	0.69	0.67	0.84	0.57	26.0	12.7	31
ZZ86205		0.24	0.009	0.34	1.07	44.0	<0.2	<10	520	0.43	1.55	3.60	1.41	17.35	9.2	25
ZZ86206		0.42	0.006	0.31	1.86	37.8	<0.2	<10	420	0.71	1.31	1.83	0.64	27.9	13.4	41
ZZ86207		0.43	0.013	0.36	1.36	73.7	<0.2	<10	450	0.52	2.43	3.69	1.20	24.1	12.3	31
ZZ86208		0.36	0.029	0.30	1.17	78.0	<0.2	<10	380	0.41	2.87	3.84	1.28	24.0	11.7	26
ZZ86209		0.39	0.004	0.33	1.59	36.2	<0.2	<10	350	0.55	1.00	4.50	0.92	19.20	11.0	38
ZZ86210		0.40	0.142	0.13	2.11	65.4	<0.2	<10	210	0.87	3.27	0.30	0.70	35.1	15.5	46
ZZ86211		0.24	0.007	0.27	1.29	59.8	<0.2	<10	690	0.60	2.86	2.08	0.72	22.0	10.8	29
ZZ86212		0.39	0.009	0.29	1.23	37.6	<0.2	<10	500	0.55	1.38	3.81	0.82	22.5	12.0	25
ZZ86213		0.33	0.011	0.28	1.26	32.4	<0.2	<10	570	0.61	1.15	3.51	0.92	19.05	10.5	26
ZZ86214		0.27	0.003	0.30	1.52	23.3	<0.2	<10	510	0.75	0.60	1.69	0.70	21.9	12.7	27
ZZ86215		0.41	0.006	0.29	1.50	29.6	<0.2	<10	400	0.77	0.98	1.43	0.65	24.0	13.1	28
ZZ86216		0.27	0.059	0.22	1.15	178.5	<0.2	<10	500	0.36	4.43	8.11	1.71	19.75	12.6	34

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 20- AUG- 2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141814

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ86202		2.67	43.0	3.49	6.69	0.05	0.04	0.08	0.039	0.09	11.3	18.9	1.39	323	3.76	0.05
ZZ86203		2.79	56.4	3.22	4.12	0.05	0.11	0.09	0.041	0.19	13.4	14.2	2.04	417	7.06	0.01
ZZ86204		0.97	33.6	3.23	5.25	<0.05	0.05	0.03	0.036	0.08	13.6	17.6	0.60	581	3.22	0.01
ZZ86205		0.97	25.9	2.55	3.19	<0.05	0.04	0.06	0.031	0.06	9.2	10.8	1.55	432	2.57	0.02
ZZ86206		1.76	23.9	3.37	5.74	<0.05	0.03	0.05	0.038	0.05	14.6	18.5	1.38	356	1.69	0.02
ZZ86207		1.35	28.9	3.08	4.04	0.05	0.05	0.04	0.037	0.06	12.9	13.8	2.39	491	2.20	0.02
ZZ86208		1.16	29.2	2.75	3.49	<0.05	0.06	0.06	0.032	0.06	12.4	12.1	2.25	260	1.86	0.01
ZZ86209		2.21	26.0	3.00	4.60	0.06	0.03	0.04	0.034	0.08	10.6	15.0	3.22	787	2.12	0.03
ZZ86210		1.47	25.6	4.48	5.48	0.06	0.07	0.03	0.052	0.04	17.6	17.0	0.82	649	3.10	0.01
ZZ86211		0.90	21.7	3.02	3.62	<0.05	0.03	0.03	0.037	0.04	13.9	13.9	1.13	344	2.24	0.01
ZZ86212		1.45	36.2	2.95	3.56	0.05	0.06	0.06	0.025	0.11	11.8	15.6	2.02	606	2.04	0.01
ZZ86213		1.14	38.0	2.86	3.63	<0.05	0.06	0.08	0.026	0.09	10.0	15.7	1.71	447	1.81	0.01
ZZ86214		1.04	43.5	3.45	4.18	0.05	0.10	0.09	0.029	0.14	10.9	20.5	0.90	542	1.71	0.01
ZZ86215		1.12	42.4	3.38	4.33	<0.05	0.08	0.08	0.032	0.13	11.8	19.6	1.03	543	1.70	0.01
ZZ86216		1.76	19.5	2.86	3.58	<0.05	0.03	0.05	0.030	0.08	10.1	11.4	4.02	544	1.63	0.01

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1016-510 W HASTINGS ST
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Finalized Date: 20-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141814

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ86202		1.66	75.3	870	27.7	12.1	0.001	0.04	1.77	4.9	1.8	0.8	34.9	<0.01	0.06	1.9
ZZ86203		1.60	65.6	1220	22.7	19.9	0.001	0.03	3.28	3.6	2.2	1.0	56.2	<0.01	0.08	3.5
ZZ86204		1.23	37.2	500	17.8	10.2	<0.001	0.03	1.12	3.7	1.0	0.7	20.3	<0.01	0.06	2.3
ZZ86205		1.50	32.8	1230	18.2	6.5	<0.001	0.08	1.27	2.4	1.4	0.5	42.3	<0.01	0.05	1.1
ZZ86206		1.91	34.1	810	26.7	11.9	<0.001	0.03	0.90	4.3	0.7	0.7	23.5	<0.01	0.04	1.9
ZZ86207		1.71	36.7	1190	23.8	8.7	0.001	0.03	1.17	3.6	1.0	0.7	37.4	<0.01	0.04	2.7
ZZ86208		1.57	36.2	1080	26.0	9.1	0.003	0.02	1.34	3.3	1.1	0.6	39.0	<0.01	0.05	2.8
ZZ86209		1.93	34.1	1500	19.9	11.2	0.001	0.02	1.00	4.2	0.9	0.6	44.6	<0.01	0.03	1.9
ZZ86210		2.67	45.1	1050	32.6	7.4	0.001	0.01	1.27	6.5	1.3	3.7	11.2	0.01	0.05	5.3
ZZ86211		1.45	34.6	960	24.6	8.8	0.001	0.04	1.39	3.1	1.3	0.5	30.3	<0.01	0.04	1.2
ZZ86212		1.18	35.3	970	20.7	11.3	0.001	0.02	1.22	3.5	1.2	0.5	46.5	<0.01	0.04	2.9
ZZ86213		1.13	33.0	990	19.7	8.5	0.003	0.05	1.35	2.9	1.2	0.5	43.2	<0.01	0.04	1.6
ZZ86214		0.84	38.4	770	21.0	9.6	0.002	0.04	1.21	3.7	1.2	0.5	34.6	<0.01	0.06	2.7
ZZ86215		0.92	38.8	780	21.0	9.8	0.001	0.03	1.17	3.9	1.3	0.5	25.8	<0.01	0.05	3.0
ZZ86216		1.45	40.3	970	30.4	11.0	0.002	0.04	0.96	2.7	0.6	0.6	66.0	<0.01	0.04	1.4

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Finalized Date: 20-AUG-2013
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Project: RAV

CERTIFICATE OF ANALYSIS WH13141814

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
ZZ86202		0.055	0.39	1.21	84	0.50	10.85	228	1.7
ZZ86203		0.042	0.39	1.17	64	1.03	10.35	265	4.9
ZZ86204		0.024	0.18	1.08	62	0.70	7.10	123	1.7
ZZ86205		0.032	0.15	6.03	41	1.99	7.31	150	1.7
ZZ86206		0.045	0.21	0.80	60	7.71	11.10	180	1.2
ZZ86207		0.047	0.20	1.07	49	1.66	9.58	185	1.8
ZZ86208		0.045	0.19	0.69	43	2.84	9.24	184	2.6
ZZ86209		0.057	0.24	0.83	57	1.80	11.05	147	1.2
ZZ86210		0.061	0.22	1.26	76	6.54	14.90	166	3.1
ZZ86211		0.031	0.15	0.87	45	3.63	13.45	136	1.0
ZZ86212		0.030	0.22	0.70	39	0.77	8.38	138	2.6
ZZ86213		0.022	0.17	1.06	39	0.69	8.21	141	2.0
ZZ86214		0.013	0.17	1.15	41	0.39	8.12	143	3.5
ZZ86215		0.017	0.19	0.71	42	0.41	8.36	142	3.0
ZZ86216		0.055	0.22	0.74	35	8.11	6.85	330	1.0

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CERTIFICATE OF ANALYSIS WH13141814

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: Interference: Samples with Ca>10%on ICP-MS As. ICP-AES As results reported (2 ppm DL)
ME-MS41

Applies to Method: Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).
ME-MS41

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
LOG-22 SCR-41 WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au-ICP21 ME-MS41

ALS Canada Ltd.

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1016-510 W HASTINGS ST
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Finalized Date: 23-AUG-2013
Account: RCM

CERTIFICATE WH13141815

Project: RAV

P.O. No.: SO13-R1

This report is for 146 Soil samples submitted to our lab in Whitehorse, YT, Canada on 6-AUG-2013.

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-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	51 anal. aqua regia ICPMS	

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

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 23-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141815

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ86258		0.36	0.044	0.27	1.07	226	<0.2	<10	410	0.36	5.30	9.66	1.43	19.05	12.3	33
ZZ86259		0.28	0.123	0.16	1.25	238	<0.2	<10	380	0.41	5.78	6.07	1.64	21.1	13.4	37
ZZ86260		0.23	0.095	0.22	1.08	227	<0.2	<10	340	0.34	5.49	9.56	1.30	18.30	11.7	36
ZZ86261		0.24	0.033	0.25	1.09	125.0	<0.2	<10	1020	0.39	2.86	4.80	1.06	17.30	10.4	30
ZZ86262		0.31	0.011	0.17	0.79	55.1	<0.2	<10	610	0.33	1.46	3.62	1.00	18.10	9.7	18
ZZ86263		0.39	0.013	0.27	0.98	30.1	<0.2	<10	390	0.42	1.61	3.25	1.23	20.8	7.0	23
ZZ86264		0.39	0.007	0.36	1.14	38.3	<0.2	<10	510	0.52	2.35	5.04	1.74	20.3	10.5	28
ZZ86265		0.22	0.010	0.23	0.98	36.9	<0.2	<10	520	0.40	1.83	4.19	1.43	18.60	9.7	23
ZZ86266		0.28	0.005	0.23	2.00	36.0	<0.2	<10	580	0.87	1.75	1.17	0.67	26.6	11.2	34
ZZ86267		0.37	0.020	0.21	1.45	56.2	<0.2	<10	250	0.49	2.74	5.57	0.60	23.0	11.4	31
ZZ86268		0.34	0.006	0.29	2.04	51.8	<0.2	<10	240	0.74	2.57	3.04	0.67	25.9	12.2	46
ZZ86269		0.43	0.008	0.31	2.06	41.1	<0.2	<10	170	0.71	2.39	4.49	0.58	20.3	12.2	64
ZZ86270		0.49	0.048	0.39	1.22	79.7	<0.2	<10	570	0.53	2.70	6.48	1.47	24.9	12.9	29
ZZ86271		0.24	0.018	0.41	1.07	27.5	<0.2	<10	580	0.45	1.24	2.52	2.23	18.70	9.3	25
ZZ86272		0.58	0.054	0.19	1.07	105	<0.2	<10	1370	0.28	3.15	13.45	0.91	18.20	12.1	27
ZZ86273		0.25	0.006	0.29	1.06	27.0	<0.2	<10	470	0.41	1.64	2.36	1.84	18.20	9.5	25
ZZ86274		0.25	0.008	0.35	1.24	39.2	<0.2	<10	530	0.49	1.58	2.48	1.74	20.7	12.1	29
ZZ86275		0.21	0.013	0.20	1.03	26.8	<0.2	<10	670	0.35	1.03	1.89	1.14	25.5	10.2	24
ZZ86276		0.29	0.009	0.28	1.17	27.9	<0.2	<10	520	0.43	1.44	1.94	1.48	21.3	9.9	27
ZZ86277		0.27	0.005	0.29	1.21	33.1	<0.2	<10	520	0.42	1.31	2.34	1.30	21.9	12.2	28
ZZ86278		0.29	0.009	0.28	1.23	22.2	<0.2	<10	450	0.46	1.24	2.14	1.10	22.1	9.7	28
ZZ86279		0.26	0.004	0.34	0.94	57.3	<0.2	<10	960	0.40	1.25	2.41	3.14	15.00	17.5	21
ZZ86280		0.27	0.006	0.35	1.24	50.8	<0.2	<10	620	0.55	1.76	2.35	2.59	21.6	12.2	28
ZZ86501		0.58	0.007	0.45	1.46	29.6	<0.2	<10	390	0.63	1.40	3.19	1.50	25.8	11.5	32
ZZ86502		0.31	0.010	0.42	1.44	28.2	<0.2	<10	420	0.65	1.49	2.85	1.34	22.8	11.1	32
ZZ86503		0.26	0.008	0.40	1.41	29.9	<0.2	<10	370	0.57	1.87	2.72	1.52	23.3	10.8	33
ZZ86504		0.20	0.008	0.39	1.45	30.0	<0.2	<10	380	0.62	1.80	2.75	1.30	22.1	11.9	34
ZZ86505		0.28	0.006	0.43	1.36	33.9	<0.2	<10	400	0.65	1.76	2.61	1.31	24.6	12.0	32
ZZ86506		0.20	0.008	0.39	1.24	28.2	<0.2	<10	360	0.54	1.43	2.69	1.35	20.8	9.4	28
ZZ86507		0.18	0.006	0.35	1.38	28.1	<0.2	<10	500	0.67	1.41	2.14	1.45	22.2	10.3	32
ZZ86508		0.42	0.019	0.44	1.35	32.0	<0.2	<10	390	0.65	1.51	2.02	1.07	24.2	10.1	31
ZZ86509		0.28	0.005	0.41	1.10	22.1	<0.2	<10	510	0.56	1.19	3.14	1.59	17.90	7.7	26
ZZ86510		0.36	0.010	0.50	1.60	42.3	<0.2	<10	510	0.75	1.14	1.18	1.84	30.6	15.2	37
ZZ86511		0.57	0.013	0.96	1.36	71.5	<0.2	<10	640	0.64	0.98	3.93	4.08	31.8	18.5	48
ZZ86512		0.21	0.031	0.58	1.49	64.6	<0.2	<10	450	0.70	0.99	2.37	1.63	29.5	19.5	44
ZZ86513		0.57	0.014	0.48	1.43	56.3	<0.2	<10	560	0.58	1.00	4.94	2.19	29.7	19.4	50
ZZ86514		0.23	0.011	0.43	1.08	59.6	<0.2	<10	410	0.50	1.18	2.56	1.96	24.0	11.8	24
ZZ86515		0.23	0.013	0.41	1.20	40.4	<0.2	<10	370	0.58	1.61	2.64	1.57	23.6	11.0	30
ZZ86516		0.20	0.010	0.41	1.27	36.7	<0.2	<10	390	0.58	1.46	2.37	1.88	23.0	11.9	30
ZZ86517		0.30	0.012	0.41	1.21	47.3	<0.2	<10	350	0.53	1.58	2.59	1.50	25.4	14.7	31

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VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141815

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ86258		2.10	28.4	2.77	3.64	0.10	0.03	0.04	0.036	0.07	9.9	11.5	3.64	589	1.58	0.01
ZZ86259		1.47	20.3	3.21	3.66	0.05	0.03	0.03	0.033	0.07	11.1	11.9	3.36	661	1.63	0.02
ZZ86260		1.90	23.6	2.75	3.24	<0.05	0.03	0.03	0.032	0.07	8.9	10.6	3.67	586	1.39	0.02
ZZ86261		1.36	22.9	2.64	3.16	<0.05	0.03	0.05	0.031	0.06	8.5	10.8	2.03	594	1.53	0.02
ZZ86262		0.81	21.2	2.32	2.28	0.05	0.04	0.04	0.018	0.06	9.5	9.0	1.74	1820	1.86	0.02
ZZ86263		1.04	35.8	2.07	2.83	0.05	0.03	0.07	0.026	0.06	11.2	11.3	1.47	223	1.06	0.02
ZZ86264		1.41	32.9	2.51	3.38	<0.05	0.03	0.07	0.035	0.05	10.9	13.7	2.69	473	1.63	0.03
ZZ86265		0.76	24.6	2.39	2.71	<0.05	0.03	0.07	0.027	0.05	9.8	10.5	1.74	753	1.40	0.02
ZZ86266		1.52	22.5	3.18	5.57	<0.05	0.02	0.07	0.040	0.04	14.9	13.6	0.62	564	1.51	0.02
ZZ86267		1.53	26.8	2.70	4.07	0.05	0.04	0.05	0.033	0.06	11.9	13.3	2.45	478	1.75	0.03
ZZ86268		2.08	21.6	3.67	5.58	0.05	0.03	0.05	0.043	0.06	16.4	17.6	2.25	440	1.85	0.03
ZZ86269		5.16	14.5	3.12	5.62	0.05	0.02	0.03	0.039	0.10	12.5	16.8	3.12	431	1.33	0.03
ZZ86270		1.46	44.8	3.16	3.40	<0.05	0.06	0.05	0.037	0.13	13.4	13.1	2.98	568	3.90	0.02
ZZ86271		1.29	44.5	2.45	2.88	<0.05	0.05	0.10	0.033	0.11	9.9	10.4	0.76	524	3.81	0.02
ZZ86272		1.29	16.0	2.73	3.24	0.05	0.03	0.02	0.029	0.07	9.5	10.9	4.18	419	1.56	0.02
ZZ86273		1.44	31.9	1.79	3.02	<0.05	0.04	0.07	0.028	0.09	9.6	10.3	0.98	146	2.46	0.02
ZZ86274		1.94	34.1	2.75	3.65	0.05	0.03	0.07	0.034	0.11	10.8	12.4	1.06	657	2.41	0.03
ZZ86275		1.44	21.9	2.28	3.12	0.05	0.03	0.04	0.024	0.08	13.5	10.9	1.07	386	1.84	0.02
ZZ86276		1.60	25.9	2.59	3.31	<0.05	0.04	0.05	0.028	0.09	11.3	11.4	1.06	356	1.72	0.02
ZZ86277		1.54	26.5	2.75	3.44	0.05	0.03	0.06	0.030	0.09	11.6	12.0	1.17	781	2.48	0.02
ZZ86278		1.40	29.1	2.48	3.53	0.05	0.04	0.05	0.029	0.09	12.1	12.6	1.07	296	1.41	0.02
ZZ86279		1.79	27.8	3.08	2.63	<0.05	0.03	0.07	0.023	0.07	7.0	8.7	0.64	7330	12.15	0.02
ZZ86280		2.27	36.7	2.90	3.64	0.06	0.04	0.08	0.036	0.11	11.6	12.2	1.12	439	3.02	0.02
ZZ86501		1.68	46.7	2.94	4.25	0.05	0.05	0.07	0.045	0.18	13.9	15.3	1.64	517	3.93	0.03
ZZ86502		1.58	46.9	2.93	3.88	0.05	0.05	0.07	0.038	0.16	12.5	13.9	1.54	476	3.97	0.03
ZZ86503		1.76	40.7	2.89	3.92	<0.05	0.05	0.06	0.036	0.14	12.5	14.3	1.61	602	3.73	0.03
ZZ86504		1.89	43.0	2.96	4.06	0.05	0.05	0.07	0.036	0.14	12.0	14.5	1.60	768	4.30	0.03
ZZ86505		1.87	35.5	2.71	4.33	0.05	0.05	0.07	0.043	0.11	13.3	14.4	1.62	826	4.06	0.02
ZZ86506		1.52	35.5	2.58	3.66	0.06	0.05	0.07	0.040	0.11	11.1	12.1	1.52	386	2.85	0.02
ZZ86507		1.52	36.4	2.61	4.02	0.05	0.06	0.07	0.043	0.12	11.8	13.5	0.90	544	2.29	0.02
ZZ86508		1.58	39.3	2.91	4.01	0.05	0.06	0.08	0.040	0.11	13.2	13.7	1.34	321	3.72	0.02
ZZ86509		1.20	55.5	2.22	3.16	0.05	0.05	0.06	0.033	0.08	9.8	9.8	1.31	730	2.81	0.02
ZZ86510		1.52	59.9	3.39	4.87	0.06	0.09	0.08	0.044	0.13	16.6	15.3	0.99	557	4.62	0.01
ZZ86511		1.96	94.2	3.76	4.04	0.07	0.29	0.11	0.041	0.30	17.9	11.3	1.58	550	11.05	0.01
ZZ86512		1.86	81.4	3.85	4.68	0.07	0.14	0.06	0.042	0.26	16.3	12.4	1.41	602	6.02	0.01
ZZ86513		1.96	83.5	3.83	4.42	0.07	0.14	0.06	0.041	0.26	16.2	12.2	1.88	627	7.48	0.01
ZZ86514		1.35	47.5	2.85	3.28	0.06	0.07	0.05	0.031	0.15	13.0	9.6	1.25	394	4.29	0.01
ZZ86515		1.59	47.9	2.76	3.66	0.05	0.06	0.07	0.033	0.14	12.7	11.3	1.50	551	3.87	0.02
ZZ86516		1.64	44.9	2.82	3.82	0.05	0.07	0.07	0.038	0.13	12.4	12.5	1.39	574	3.77	0.02
ZZ86517		1.63	47.3	2.98	3.79	0.07	0.07	0.07	0.037	0.15	13.7	12.0	1.63	548	4.42	0.02

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ86258		1.04	40.8	860	34.5	11.8	0.001	0.04	1.07	3.3	0.8	0.7	100.5	<0.01	0.03	1.5
ZZ86259		1.34	40.7	1080	32.3	9.2	0.001	0.06	1.14	2.9	0.8	0.7	55.9	<0.01	0.03	1.4
ZZ86260		1.06	39.5	820	37.8	9.8	<0.001	0.06	1.19	2.8	1.0	0.7	86.3	<0.01	0.04	1.2
ZZ86261		1.11	32.1	1070	26.0	10.6	0.002	0.12	1.05	2.1	1.4	0.9	57.8	<0.01	0.02	0.7
ZZ86262		0.82	30.3	1000	14.4	7.1	0.002	0.08	0.94	2.1	0.9	0.4	42.6	<0.01	0.02	1.3
ZZ86263		0.97	27.9	1020	18.4	8.0	0.001	0.06	1.19	2.4	1.7	0.4	42.5	<0.01	0.03	1.1
ZZ86264		1.38	36.0	1200	26.0	8.1	0.001	0.07	1.48	3.0	2.6	0.6	52.0	<0.01	0.08	1.2
ZZ86265		1.07	26.5	1160	20.0	6.1	0.001	0.09	1.07	2.2	2.0	0.5	50.6	<0.01	0.04	1.0
ZZ86266		1.45	27.7	690	27.4	9.6	<0.001	0.04	0.73	3.5	1.4	0.8	26.2	<0.01	0.05	1.1
ZZ86267		1.66	33.0	1070	25.6	8.6	<0.001	0.02	1.01	3.4	0.9	0.7	70.9	<0.01	0.03	2.2
ZZ86268		2.09	39.3	850	31.7	9.1	<0.001	0.03	0.95	5.5	1.0	0.7	36.5	<0.01	0.05	2.1
ZZ86269		1.66	47.2	930	18.8	18.7	<0.001	0.02	0.76	5.6	0.6	1.4	46.6	<0.01	0.04	1.9
ZZ86270		0.81	50.9	1080	30.3	12.0	<0.001	0.01	1.82	3.4	1.1	0.9	65.4	<0.01	0.07	3.2
ZZ86271		0.90	48.2	1060	16.2	10.4	0.001	0.07	2.16	2.1	2.2	0.7	47.5	<0.01	0.07	1.2
ZZ86272		1.14	39.6	1110	22.5	7.4	0.001	0.03	0.74	2.5	0.5	0.5	155.5	<0.01	0.02	1.8
ZZ86273		1.07	36.0	970	23.0	11.6	0.012	0.32	1.12	2.2	2.1	0.6	48.4	<0.01	0.02	1.3
ZZ86274		1.17	41.9	1060	23.1	19.2	0.006	0.15	1.31	2.5	1.6	0.8	50.5	<0.01	0.04	1.3
ZZ86275		1.08	34.2	1120	14.9	10.4	0.003	0.06	0.99	2.2	1.1	0.6	36.6	<0.01	0.03	2.0
ZZ86276		1.08	35.3	1040	21.0	11.4	0.003	0.09	1.05	2.4	1.2	0.7	37.1	<0.01	0.03	1.6
ZZ86277		1.09	38.6	1100	19.8	11.0	0.003	0.09	1.14	2.4	1.1	0.7	44.7	<0.01	0.04	1.5
ZZ86278		1.17	35.0	1040	17.5	10.8	0.004	0.11	1.06	2.5	0.9	0.7	43.8	<0.01	0.03	1.7
ZZ86279		0.68	57.4	800	20.0	8.4	0.004	0.15	1.43	1.7	1.5	0.6	53.6	<0.01	0.03	0.6
ZZ86280		1.19	46.5	1110	28.2	17.8	0.011	0.13	1.63	2.7	2.0	0.7	49.3	<0.01	0.05	1.6
ZZ86501		1.07	45.3	1020	30.3	18.7	0.001	0.03	2.46	3.7	1.3	1.2	50.6	<0.01	0.07	2.3
ZZ86502		1.03	45.0	1070	28.6	14.5	0.001	0.04	2.37	3.2	1.4	1.1	43.0	<0.01	0.06	1.8
ZZ86503		1.09	44.0	1020	27.2	16.3	0.001	0.04	1.88	3.2	1.2	1.1	37.8	<0.01	0.04	1.9
ZZ86504		1.12	45.6	980	30.4	14.0	0.001	0.04	2.18	3.3	1.3	1.2	40.3	<0.01	0.04	1.9
ZZ86505		1.06	45.0	970	33.7	12.4	0.001	0.04	2.17	3.4	1.8	1.4	39.6	<0.01	0.06	1.9
ZZ86506		0.95	39.2	1020	28.5	13.0	0.002	0.05	1.86	2.9	1.2	1.0	40.4	<0.01	0.04	1.6
ZZ86507		1.09	40.0	890	28.7	16.0	0.003	0.07	1.78	3.2	1.3	1.2	41.1	<0.01	0.06	1.6
ZZ86508		1.02	40.3	1080	29.6	11.2	0.002	0.04	2.18	3.5	1.2	1.2	32.6	<0.01	0.05	2.2
ZZ86509		0.83	49.9	1080	27.7	8.5	0.004	0.10	2.53	2.2	2.2	0.9	46.4	<0.01	0.03	0.9
ZZ86510		1.12	58.1	1260	24.7	14.2	<0.001	0.02	2.36	5.0	1.4	1.0	30.2	<0.01	0.07	3.5
ZZ86511		0.31	112.5	1870	17.6	20.3	0.004	0.02	4.26	4.5	3.0	0.7	81.7	<0.01	0.08	4.6
ZZ86512		0.87	91.4	1750	17.5	19.7	0.001	0.04	2.76	4.9	2.5	0.7	56.0	<0.01	0.07	4.0
ZZ86513		0.94	99.4	1740	20.7	18.2	0.002	0.02	2.63	5.4	2.2	0.8	92.3	<0.01	0.07	4.0
ZZ86514		0.94	47.6	1350	18.9	12.7	0.004	0.06	2.22	2.8	1.6	0.7	49.2	<0.01	0.04	2.0
ZZ86515		0.98	48.1	1260	23.4	14.2	0.003	0.05	2.10	3.2	1.8	1.0	43.7	<0.01	0.06	2.1
ZZ86516		1.01	49.2	1160	23.2	13.0	0.003	0.06	2.12	3.3	1.5	0.9	45.2	<0.01	0.04	2.1
ZZ86517		1.04	55.4	1320	23.0	13.7	0.003	0.04	2.06	3.5	1.9	0.9	50.6	<0.01	0.04	2.7

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

Finalized Date: 23- AUG- 2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141815

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
ZZ86258		0.053	0.23	0.91	33	2.32	7.87	309	1.0
ZZ86259		0.059	0.20	0.84	40	6.03	7.45	324	0.9
ZZ86260		0.054	0.30	0.76	31	4.38	6.61	315	0.8
ZZ86261		0.038	0.19	1.81	40	2.82	6.79	270	0.9
ZZ86262		0.028	0.13	1.02	30	1.40	6.46	124	1.2
ZZ86263		0.032	0.14	1.13	35	1.31	8.52	132	1.2
ZZ86264		0.038	0.17	1.43	44	1.00	11.10	204	1.3
ZZ86265		0.029	0.11	1.49	35	2.21	7.52	162	1.3
ZZ86266		0.032	0.17	1.27	64	4.89	10.70	154	0.6
ZZ86267		0.053	0.17	0.64	47	1.26	8.57	147	1.3
ZZ86268		0.068	0.21	0.81	65	3.25	15.10	154	0.9
ZZ86269		0.112	0.38	0.76	60	2.22	11.15	157	0.8
ZZ86270		0.038	0.24	1.04	46	3.53	8.88	258	3.0
ZZ86271		0.025	0.22	2.45	48	0.86	7.50	205	2.4
ZZ86272		0.049	0.11	0.76	34	3.99	6.46	328	1.1
ZZ86273		0.033	0.34	8.15	44	1.44	6.91	347	1.8
ZZ86274		0.036	0.39	3.65	48	1.61	6.97	366	1.5
ZZ86275		0.035	0.25	2.16	42	2.53	6.54	233	1.3
ZZ86276		0.035	0.28	3.88	45	2.20	6.88	283	1.5
ZZ86277		0.036	0.32	4.00	47	2.11	6.95	241	1.3
ZZ86278		0.038	0.25	2.48	48	1.18	6.87	223	1.6
ZZ86279		0.023	0.51	14.90	38	4.76	6.06	504	1.0
ZZ86280		0.034	0.56	4.93	54	3.97	8.23	573	1.8
ZZ86501		0.040	0.27	0.92	60	1.13	10.65	191	2.0
ZZ86502		0.040	0.27	1.47	63	1.23	10.20	197	2.0
ZZ86503		0.041	0.28	0.96	59	1.28	9.52	204	1.7
ZZ86504		0.041	0.31	1.23	61	1.17	9.56	209	1.9
ZZ86505		0.038	0.27	1.23	60	2.05	10.00	199	1.7
ZZ86506		0.033	0.23	0.90	54	1.31	8.99	184	1.7
ZZ86507		0.032	0.23	1.35	57	0.86	9.35	195	1.9
ZZ86508		0.035	0.24	0.93	58	3.06	10.50	195	2.1
ZZ86509		0.025	0.22	2.05	51	1.02	8.97	141	1.8
ZZ86510		0.036	0.24	0.81	62	0.53	12.00	213	3.2
ZZ86511		0.033	0.30	2.01	85	0.26	12.70	383	14.2
ZZ86512		0.034	0.26	1.51	65	0.18	11.90	218	6.1
ZZ86513		0.035	0.27	1.80	69	0.14	11.85	249	7.6
ZZ86514		0.024	0.18	2.36	43	0.49	8.53	191	2.9
ZZ86515		0.031	0.23	1.54	51	1.39	9.80	193	2.4
ZZ86516		0.032	0.23	1.37	53	1.04	9.60	207	2.3
ZZ86517		0.035	0.25	1.15	52	1.10	9.98	196	2.7

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141815

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ86518		0.12	0.009	0.37	1.22	35.3	<0.2	<10	350	0.58	1.32	2.16	1.29	24.2	11.0	29
ZZ86519		0.16	0.007	0.44	1.24	39.0	<0.2	<10	410	0.62	1.39	2.37	1.77	22.9	13.6	29
ZZ86520		0.35	0.010	0.48	1.48	40.2	<0.2	<10	380	0.69	1.70	2.16	2.17	27.5	13.7	34
ZZ86521		0.22	0.008	0.41	1.36	32.9	<0.2	<10	510	0.64	1.79	2.73	2.30	22.9	10.8	30
ZZ86522		0.17	0.006	0.34	0.90	18.7	<0.2	<10	560	0.48	1.05	3.44	3.26	13.85	8.0	20
ZZ86523		0.20	0.006	0.41	1.22	26.0	<0.2	<10	390	0.54	1.46	1.82	1.44	19.65	9.1	28
ZZ86524		0.39	0.008	0.43	1.43	38.0	<0.2	<10	410	0.70	1.18	2.67	1.68	25.8	12.7	32
ZZ86525		0.19	0.007	0.37	1.39	33.7	<0.2	<10	400	0.65	1.47	2.22	1.59	22.9	11.7	32
ZZ86526		0.29	0.007	0.35	1.19	29.9	<0.2	<10	340	0.55	1.35	2.76	1.48	23.4	10.2	29
ZZ86527		0.32	0.007	0.43	1.35	31.1	<0.2	<10	380	0.65	1.73	2.14	1.42	23.6	10.5	32
ZZ86528		0.20	0.005	0.39	1.44	30.3	<0.2	<10	460	0.63	1.76	1.88	1.43	20.8	10.5	33
ZZ86529		0.29	0.006	0.41	1.35	33.9	<0.2	<10	390	0.63	1.74	2.40	1.30	23.3	11.4	32
ZZ86530		0.25	0.008	0.42	1.53	27.1	<0.2	<10	460	0.67	1.61	1.47	1.41	23.1	11.0	35
ZZ86531		0.57	0.023	0.45	1.04	107.5	<0.2	<10	250	0.47	1.17	3.20	1.10	27.8	16.6	21
ZZ86532		0.54	0.025	0.44	1.18	59.3	<0.2	<10	270	0.51	1.06	2.40	0.97	28.4	12.5	23
ZZ86534		0.37	0.026	0.53	1.43	70.8	<0.2	<10	500	0.68	1.18	3.49	1.71	34.2	19.6	39
ZZ86535		0.43	0.015	0.38	1.36	96.3	<0.2	<10	440	0.59	2.66	4.05	0.97	35.9	15.1	27
ZZ86536		0.37	0.017	0.52	1.54	74.7	<0.2	<10	430	0.62	1.31	1.83	0.89	34.4	19.2	44
ZZ86537		0.21	0.021	0.35	1.31	91.3	<0.2	<10	430	0.58	1.26	1.71	0.95	29.9	14.7	21
ZZ86538		0.27	0.011	0.32	1.12	31.8	<0.2	<10	360	0.52	1.25	2.09	1.65	22.4	10.2	26
ZZ86539		0.33	0.010	0.31	1.11	33.8	<0.2	<10	340	0.56	1.20	2.75	0.94	25.5	10.2	24
ZZ86540		0.41	0.024	0.44	1.71	37.2	<0.2	<10	430	0.70	1.32	2.04	1.20	25.4	12.8	45
ZZ86541		0.27	0.036	0.30	1.60	36.9	<0.2	<10	460	0.72	19.45	3.93	1.84	23.2	12.2	42
ZZ86542		0.50	0.039	0.36	1.49	33.1	<0.2	<10	420	0.61	1.54	4.57	1.28	23.9	12.2	36
ZZ86543		0.33	0.009	0.34	1.26	48.1	<0.2	<10	270	0.51	2.07	5.70	1.16	22.1	10.2	30
ZZ86544		0.14	0.019	0.24	1.00	69.1	<0.2	<10	470	0.43	1.25	3.11	1.14	19.70	11.1	16
ZZ86545		0.55	0.021	0.22	1.47	130.0	<0.2	<10	400	0.66	2.84	3.50	0.83	40.4	17.5	23
ZZ86546		0.51	0.022	0.23	1.37	120.5	<0.2	<10	400	0.61	1.80	3.53	1.07	38.1	18.4	20
ZZ86547		0.48	0.037	0.24	1.41	87.0	<0.2	<10	370	0.62	1.78	0.92	0.79	33.8	14.4	23
ZZ86548		0.32	0.008	0.44	1.45	43.5	<0.2	<10	420	0.69	1.76	1.21	1.77	28.4	11.8	29
ZZ86549		0.45	0.013	0.34	1.38	69.1	<0.2	<10	410	0.75	2.05	1.55	1.46	32.3	15.3	26
ZZ86550		0.68	0.065	0.29	1.02	128.5	<0.2	<10	290	0.54	2.32	4.00	1.07	34.2	16.2	16
ZZ86551		0.31	0.010	0.35	1.23	49.3	<0.2	<10	370	0.55	1.67	2.37	1.68	23.4	11.1	26
ZZ86552		0.19	0.011	0.34	1.26	34.6	<0.2	<10	380	0.56	1.49	2.55	1.55	21.3	9.1	28
ZZ86553		0.17	0.014	0.35	1.20	40.7	<0.2	<10	370	0.55	1.32	2.47	1.32	21.7	9.3	27
ZZ86554		0.19	0.015	0.33	1.22	23.2	<0.2	<10	350	0.61	1.13	2.22	1.55	23.7	9.8	28
ZZ86555		0.37	0.038	0.34	1.22	36.0	<0.2	<10	380	0.58	2.17	2.63	1.34	23.4	11.3	27
ZZ86556		0.23	0.006	0.40	1.33	33.6	<0.2	<10	390	0.65	1.73	2.12	1.73	21.7	10.8	30
ZZ86557		0.16	0.010	0.34	1.23	33.4	<0.2	<10	380	0.58	1.58	2.44	1.80	20.7	9.9	27
ZZ86558		0.44	0.017	0.34	0.99	51.4	<0.2	<10	410	0.53	1.51	3.20	1.94	30.6	16.1	19

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	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ86518		1.60	42.1	2.59	3.67	0.05	0.06	0.06	0.037	0.14	12.9	12.2	1.26	712	3.31	0.02
ZZ86519		1.62	57.3	2.99	3.75	0.05	0.08	0.07	0.039	0.13	12.2	12.2	1.26	462	4.20	0.03
ZZ86520		2.20	57.6	3.28	4.48	0.06	0.09	0.07	0.045	0.20	14.8	15.6	1.51	299	4.47	0.03
ZZ86521		1.97	46.6	2.68	4.09	0.05	0.06	0.08	0.040	0.13	12.4	13.8	1.61	1040	3.23	0.02
ZZ86522		1.10	40.2	1.74	2.67	<0.05	0.05	0.08	0.027	0.08	6.8	8.5	0.62	985	1.77	0.01
ZZ86523		1.37	35.6	2.46	3.51	<0.05	0.04	0.07	0.038	0.10	10.8	11.7	0.78	501	2.88	0.01
ZZ86524		1.52	57.0	3.20	4.23	0.07	0.06	0.08	0.047	0.13	13.8	13.8	1.70	918	5.12	0.02
ZZ86525		1.85	39.5	2.80	4.22	0.05	0.05	0.07	0.041	0.14	12.3	13.8	1.25	661	3.85	0.01
ZZ86526		1.45	35.9	2.66	3.58	0.05	0.05	0.07	0.038	0.11	12.6	12.0	1.58	348	3.28	0.02
ZZ86527		1.77	39.4	2.72	4.05	0.05	0.05	0.07	0.040	0.11	12.6	13.5	1.26	474	3.18	0.02
ZZ86528		1.86	37.1	2.72	4.16	0.05	0.04	0.06	0.044	0.12	11.1	14.0	0.86	506	2.84	0.01
ZZ86529		1.63	41.1	2.91	3.90	0.05	0.05	0.08	0.038	0.11	12.5	12.9	1.40	506	3.17	0.02
ZZ86530		1.75	40.7	2.70	4.46	<0.05	0.05	0.07	0.044	0.12	12.5	14.5	0.79	335	2.56	0.01
ZZ86531		0.98	69.8	3.62	3.02	0.06	0.08	0.08	0.032	0.10	14.9	9.7	1.90	645	3.92	0.01
ZZ86532		0.94	49.1	3.12	3.39	0.05	0.04	0.08	0.032	0.10	15.0	11.4	1.36	516	3.31	<0.01
ZZ86534		1.77	87.8	4.12	4.29	0.07	0.15	0.06	0.042	0.30	18.8	11.2	1.47	588	7.03	0.01
ZZ86535		1.57	60.3	3.74	3.94	0.06	0.08	0.05	0.036	0.24	19.1	11.6	1.76	615	3.78	0.01
ZZ86536		1.62	74.9	4.03	4.68	0.07	0.09	0.06	0.042	0.21	18.9	13.0	1.29	680	5.09	0.01
ZZ86537		1.23	56.4	3.53	3.48	0.06	0.06	0.05	0.033	0.17	15.8	10.0	0.81	759	3.35	0.01
ZZ86538		1.35	36.1	2.59	3.35	0.05	0.05	0.07	0.036	0.10	12.0	11.0	1.12	431	3.64	0.01
ZZ86539		1.12	35.8	2.57	3.39	<0.05	0.05	0.06	0.037	0.08	13.7	11.4	1.69	493	3.62	0.01
ZZ86540		2.24	46.3	3.45	5.16	0.06	0.05	0.08	0.039	0.14	14.2	17.4	1.48	521	3.95	0.02
ZZ86541		2.53	44.3	3.02	5.07	0.05	0.05	0.09	0.036	0.11	12.8	15.1	2.23	497	4.82	0.04
ZZ86542		2.64	43.9	3.02	4.41	0.05	0.05	0.08	0.034	0.14	13.1	17.1	2.30	449	4.55	0.02
ZZ86543		3.53	36.5	2.86	3.77	0.06	0.05	0.05	0.030	0.15	11.8	13.5	2.81	432	4.76	0.02
ZZ86544		1.05	40.9	2.79	2.67	<0.05	0.05	0.06	0.023	0.11	10.4	7.6	0.65	755	3.26	0.01
ZZ86545		1.85	61.5	3.93	4.10	0.07	0.12	0.04	0.036	0.29	21.4	12.5	1.48	714	3.46	0.01
ZZ86546		1.64	81.4	3.97	3.79	0.07	0.07	0.06	0.038	0.27	20.6	12.5	1.67	737	4.93	0.01
ZZ86547		1.01	52.6	3.58	3.66	0.06	0.06	0.08	0.036	0.11	18.5	12.6	0.71	521	3.99	0.01
ZZ86548		1.59	49.0	2.96	4.06	0.05	0.08	0.09	0.042	0.11	15.2	14.8	0.66	383	4.90	0.01
ZZ86549		1.32	60.1	3.49	3.83	0.05	0.06	0.08	0.041	0.16	17.6	14.6	0.96	543	5.29	0.01
ZZ86550		1.35	72.5	3.65	2.84	0.06	0.35	0.03	0.035	0.25	18.9	9.3	1.28	560	5.34	<0.01
ZZ86551		1.71	40.8	2.71	3.52	0.05	0.06	0.07	0.041	0.14	12.8	12.8	1.38	529	4.14	0.01
ZZ86552		1.71	36.0	2.72	3.59	0.05	0.04	0.06	0.044	0.12	11.5	13.6	1.45	231	3.31	0.02
ZZ86553		1.50	37.8	2.58	3.59	0.05	0.05	0.06	0.042	0.11	11.9	13.1	1.41	262	4.35	0.02
ZZ86554		1.36	37.9	2.20	3.51	0.05	0.06	0.07	0.039	0.12	12.7	13.3	1.25	308	2.63	0.02
ZZ86555		1.53	37.5	2.71	3.42	<0.05	0.05	0.08	0.041	0.11	12.7	13.0	1.52	461	3.75	0.02
ZZ86556		1.70	39.1	2.54	3.83	0.05	0.05	0.07	0.042	0.12	11.9	14.6	1.24	482	3.55	0.01
ZZ86557		1.62	34.2	2.51	3.48	0.05	0.04	0.08	0.035	0.12	11.3	13.4	1.33	427	3.86	0.01
ZZ86558		2.59	59.5	3.30	2.91	0.05	0.07	0.07	0.036	0.12	16.3	12.2	1.47	1100	14.60	0.01

***** 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: 23-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141815

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ86518		0.99	48.6	1220	21.3	18.3	0.002	0.06	1.95	3.1	1.8	0.9	64.6	<0.01	0.05	2.1
ZZ86519		1.04	51.1	1310	24.3	13.4	0.005	0.08	2.46	3.3	2.3	1.0	63.9	<0.01	0.05	1.9
ZZ86520		1.24	56.4	1220	27.2	22.0	0.002	0.05	2.54	4.3	2.2	1.2	70.0	<0.01	0.06	3.2
ZZ86521		1.01	57.8	1100	25.0	13.9	0.007	0.08	2.14	3.3	2.4	1.8	45.7	<0.01	0.05	1.9
ZZ86522		0.76	37.2	930	18.8	10.0	0.003	0.12	1.78	1.7	1.8	0.9	60.6	<0.01	0.02	0.5
ZZ86523		0.89	38.7	990	26.8	12.3	0.001	0.07	1.92	2.4	1.1	1.1	36.0	<0.01	0.05	1.1
ZZ86524		1.04	50.0	1150	27.1	14.4	0.001	0.03	2.37	4.0	1.4	1.0	39.7	<0.01	0.06	2.4
ZZ86525		1.09	46.9	1050	26.1	18.0	0.002	0.05	2.16	3.4	1.1	1.1	38.0	<0.01	0.04	1.9
ZZ86526		0.98	40.6	1070	25.1	12.8	0.001	0.05	1.83	3.0	1.1	0.9	40.2	<0.01	0.03	1.9
ZZ86527		1.07	42.5	1030	30.3	14.1	0.002	0.05	2.09	3.3	1.5	1.2	36.2	<0.01	0.05	1.7
ZZ86528		1.10	41.7	910	30.6	17.3	0.001	0.07	2.06	3.0	0.9	1.3	37.0	<0.01	0.05	1.4
ZZ86529		1.04	42.2	1040	32.1	12.7	0.002	0.05	2.11	3.1	1.3	1.2	37.0	<0.01	0.05	1.7
ZZ86530		1.11	45.9	1040	31.5	13.7	0.002	0.07	2.01	3.3	1.3	1.3	34.4	<0.01	0.06	1.5
ZZ86531		0.76	52.9	1390	21.3	9.1	0.001	0.02	2.93	3.7	1.0	0.5	50.3	<0.01	0.07	3.7
ZZ86532		0.86	48.4	1150	17.8	9.1	<0.001	0.02	2.08	3.5	1.3	0.6	42.5	<0.01	0.05	3.3
ZZ86534		0.69	95.2	2140	18.6	19.3	0.003	0.03	2.92	4.6	1.8	0.7	73.3	<0.01	0.08	4.9
ZZ86535		1.32	52.8	1400	22.0	19.1	0.001	0.03	2.11	4.1	1.3	0.7	63.3	<0.01	0.07	3.9
ZZ86536		1.22	82.5	1850	21.2	16.1	0.001	0.03	2.31	5.2	1.9	0.9	43.6	<0.01	0.07	3.3
ZZ86537		1.56	41.3	1450	17.5	16.7	0.001	0.05	1.72	2.7	1.6	0.8	35.7	<0.01	0.06	2.0
ZZ86538		0.94	42.5	990	24.4	11.7	0.002	0.05	1.98	2.7	1.4	1.2	36.9	<0.01	0.04	1.9
ZZ86539		0.86	39.6	1050	21.9	9.4	0.001	0.03	1.80	3.1	1.1	0.9	35.6	<0.01	0.05	2.1
ZZ86540		1.26	55.0	1160	24.1	17.1	0.001	0.04	1.88	4.5	1.3	1.1	34.7	<0.01	0.04	2.3
ZZ86541		1.44	49.9	960	23.7	18.9	0.001	0.04	2.04	4.8	2.0	0.9	57.8	<0.01	0.05	2.6
ZZ86542		1.09	48.5	1050	22.8	19.2	0.001	0.02	1.82	4.4	1.2	1.0	61.7	<0.01	0.06	3.0
ZZ86543		1.29	41.4	1030	20.8	19.3	<0.001	0.02	1.42	3.7	0.8	1.0	61.5	<0.01	0.04	2.6
ZZ86544		1.54	30.2	1200	11.9	10.8	0.003	0.09	1.39	1.9	2.2	0.6	59.9	<0.01	0.04	1.0
ZZ86545		1.69	42.3	1420	20.7	24.0	<0.001	0.02	1.82	4.0	1.0	1.1	54.3	<0.01	0.05	5.6
ZZ86546		1.31	50.0	1420	19.7	20.7	0.001	0.02	2.08	3.9	1.4	0.9	59.2	<0.01	0.05	5.0
ZZ86547		1.23	45.1	1070	21.4	10.3	<0.001	0.02	1.85	4.3	1.0	0.7	25.8	<0.01	0.07	3.9
ZZ86548		1.29	46.7	1100	35.3	13.1	0.001	0.05	2.33	3.9	1.3	1.4	35.9	<0.01	0.07	2.9
ZZ86549		1.29	52.7	1190	26.3	14.4	<0.001	0.03	2.39	3.7	1.0	1.1	36.5	<0.01	0.07	3.3
ZZ86550		0.45	43.5	1620	15.1	16.1	0.003	0.03	2.27	3.2	1.2	0.8	62.3	<0.01	0.07	5.8
ZZ86551		1.11	45.1	1070	28.2	17.0	0.002	0.06	2.13	2.8	1.5	1.3	38.3	<0.01	0.05	2.3
ZZ86552		1.02	39.2	980	32.5	14.5	0.002	0.06	1.97	2.8	1.6	1.4	39.4	<0.01	0.05	1.9
ZZ86553		1.06	38.9	930	37.2	12.0	0.002	0.05	2.24	3.0	1.6	1.4	38.1	<0.01	0.06	2.0
ZZ86554		1.07	38.7	1060	30.6	10.7	0.003	0.05	1.89	3.2	1.2	1.1	38.8	<0.01	0.05	2.3
ZZ86555		1.07	40.9	1140	25.7	13.2	0.002	0.05	1.82	3.0	1.6	1.0	39.2	<0.01	0.04	2.0
ZZ86556		1.07	43.7	1010	35.6	13.5	0.002	0.06	2.08	3.0	1.3	1.5	34.5	<0.01	0.06	1.7
ZZ86557		0.94	40.6	970	32.1	16.9	0.001	0.06	1.99	2.6	1.3	1.4	38.9	<0.01	0.06	1.7
ZZ86558		0.93	73.3	1130	21.8	12.0	0.002	0.02	2.48	3.7	1.1	0.5	60.5	<0.01	0.07	4.1

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Finalized Date: 23-AUG-2013
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Project: RAV

CERTIFICATE OF ANALYSIS WH13141815

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
ZZ86518		0.030	0.22	1.12	50	1.04	9.08	189	2.1
ZZ86519		0.030	0.24	1.92	54	1.00	10.70	205	2.7
ZZ86520		0.039	0.35	1.14	62	1.24	11.05	262	3.4
ZZ86521		0.032	0.30	2.11	55	2.62	9.87	259	2.3
ZZ86522		0.020	0.16	2.07	34	0.56	6.37	163	1.7
ZZ86523		0.031	0.20	1.12	51	1.04	8.63	189	1.5
ZZ86524		0.037	0.23	0.84	61	0.94	12.15	191	2.2
ZZ86525		0.037	0.27	1.13	57	1.03	9.01	216	1.8
ZZ86526		0.036	0.21	1.18	53	1.03	8.79	178	1.8
ZZ86527		0.036	0.26	1.16	57	1.30	9.94	197	1.8
ZZ86528		0.035	0.27	1.20	59	1.21	7.62	221	1.7
ZZ86529		0.037	0.23	1.07	60	2.06	10.20	195	1.7
ZZ86530		0.036	0.25	1.30	62	1.11	9.74	213	1.8
ZZ86531		0.026	0.24	1.12	41	0.21	10.20	152	4.0
ZZ86532		0.027	0.20	0.93	45	0.25	9.47	164	2.0
ZZ86534		0.030	0.25	2.07	64	0.18	12.95	239	8.1
ZZ86535		0.029	0.23	1.22	46	0.17	10.70	139	3.3
ZZ86536		0.038	0.23	1.27	65	0.17	12.65	185	3.3
ZZ86537		0.027	0.18	1.75	40	0.25	9.26	121	2.3
ZZ86538		0.030	0.21	1.53	51	1.12	8.35	182	1.7
ZZ86539		0.031	0.17	1.16	47	1.74	9.69	153	1.5
ZZ86540		0.053	0.24	1.06	69	1.30	11.20	228	1.6
ZZ86541		0.059	0.40	1.21	80	1.94	11.65	177	2.0
ZZ86542		0.052	0.33	1.95	56	4.28	10.05	190	2.1
ZZ86543		0.051	0.29	1.55	48	1.90	8.50	210	2.2
ZZ86544		0.021	0.15	5.35	31	1.91	6.20	82	1.9
ZZ86545		0.041	0.25	1.05	41	0.23	9.68	121	6.7
ZZ86546		0.032	0.35	1.16	43	0.28	10.35	149	4.3
ZZ86547		0.027	0.20	0.92	46	0.71	10.25	138	2.1
ZZ86548		0.031	0.28	1.22	60	1.13	11.15	205	3.0
ZZ86549		0.029	0.24	1.25	50	0.63	10.75	206	2.6
ZZ86550		0.019	0.18	1.48	32	0.15	10.10	150	14.2
ZZ86551		0.032	0.29	1.07	55	1.53	8.49	209	2.3
ZZ86552		0.034	0.27	1.03	57	2.79	7.70	202	1.7
ZZ86553		0.033	0.24	1.20	57	1.47	8.47	185	1.8
ZZ86554		0.033	0.21	0.94	53	0.84	9.34	174	2.2
ZZ86555		0.033	0.25	1.08	54	4.48	9.03	198	1.8
ZZ86556		0.034	0.26	1.17	61	1.87	8.91	224	1.7
ZZ86557		0.031	0.26	0.88	57	2.15	7.24	222	1.6
ZZ86558		0.033	0.30	1.87	39	0.31	9.65	314	3.2

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CERTIFICATE OF ANALYSIS WH13141815

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ86559		0.36	0.003	0.24	1.93	23.3	<0.2	<10	230	0.78	1.19	2.37	1.07	24.9	10.4	38
ZZ86560		0.44	0.012	0.37	1.49	69.3	<0.2	<10	390	0.75	1.69	0.87	1.13	37.7	15.3	25
ZZ86561		0.52	0.015	0.27	1.38	99.1	<0.2	<10	360	0.62	2.76	3.91	0.94	37.8	16.2	21
ZZ86562		0.49	0.014	0.35	1.38	77.4	<0.2	<10	440	0.65	2.09	3.12	0.91	35.2	14.1	23
ZZ86563		0.59	0.016	0.36	1.44	100.0	<0.2	<10	370	0.65	2.55	2.22	0.60	39.6	15.7	23
ZZ86564		0.39	0.006	0.23	1.55	33.4	<0.2	<10	290	0.62	1.89	3.84	0.89	25.2	10.5	35
ZZ86565		0.22	0.006	0.40	1.38	35.2	<0.2	<10	420	0.66	1.40	2.08	1.59	22.9	11.3	30
ZZ86566		0.27	0.018	0.24	0.74	23.6	<0.2	<10	370	0.43	1.31	5.00	1.13	22.1	8.3	17
ZZ86567		0.09	0.008	0.39	0.94	18.3	<0.2	<10	750	0.48	1.34	3.13	1.37	15.80	7.9	24
ZZ86568		0.19	0.006	0.34	1.25	30.4	<0.2	<10	380	0.59	1.57	1.93	1.59	24.3	11.5	28
ZZ86569		0.11	0.005	0.32	0.91	29.7	<0.2	<10	590	0.64	1.69	2.72	3.41	16.50	10.1	21
ZZ86570		0.25	0.005	0.33	1.07	27.2	<0.2	<10	610	0.55	1.46	3.68	2.04	21.5	11.3	25
ZZ86571		0.33	0.006	0.28	1.05	29.0	<0.2	<10	620	0.53	1.73	3.47	1.58	20.7	9.9	25
ZZ86572		0.27	0.004	0.34	0.95	32.2	<0.2	<10	620	0.58	2.64	6.11	2.83	18.20	10.4	24
ZZ86573		0.35	0.006	0.28	0.98	29.1	<0.2	<10	500	0.54	2.28	7.48	1.87	18.30	9.4	23
ZZ86574		0.35	0.002	0.22	0.88	22	<0.2	<10	530	0.47	2.07	10.45	1.97	15.15	8.1	20
ZZ86575		0.38	0.003	0.33	0.88	30.1	<0.2	<10	580	0.53	2.55	8.85	2.94	16.15	9.4	21
ZZ86576		0.13	0.007	0.24	1.08	31.1	<0.2	<10	540	0.60	2.12	4.01	3.77	18.40	10.6	26
ZZ86577		0.16	0.006	0.22	1.06	33.7	<0.2	<10	600	0.56	2.42	4.98	2.97	17.80	10.8	24
ZZ86578		0.20	0.003	0.29	0.96	29.0	<0.2	<10	540	0.53	2.25	5.88	2.57	17.80	10.1	24
ZZ86579		0.31	0.005	0.26	0.88	26.0	<0.2	<10	560	0.50	2.24	8.07	2.02	15.45	8.7	20
ZZ86580		0.28	0.006	0.45	1.47	37.0	<0.2	<10	390	0.85	2.31	1.42	2.05	25.2	11.8	34
ZZ86581		0.12	0.005	0.29	0.93	21.4	<0.2	<10	530	0.47	1.26	2.75	3.43	14.10	8.0	20
ZZ86582		0.14	0.003	0.13	0.60	11.8	<0.2	<10	380	0.29	0.82	3.14	2.23	7.97	6.0	13
ZZ86583		0.43	0.130	0.45	1.33	34.2	<0.2	<10	380	0.70	2.16	1.93	2.06	22.9	12.5	32
ZZ86584		0.27	0.005	0.34	1.13	12.1	<0.2	<10	430	0.54	1.30	2.62	2.22	22.1	9.1	27
ZZ86585		0.17	0.005	0.39	1.13	25.1	<0.2	<10	360	0.57	1.87	1.83	2.33	20.3	10.1	29
ZZ86586		0.48	0.004	0.53	1.73	21.0	<0.2	<10	480	0.75	1.79	3.69	1.05	18.60	10.4	42
ZZ86587		0.44	0.007	0.41	1.68	24.4	<0.2	<10	410	0.62	1.71	4.70	1.30	16.40	12.8	46
ZZ86588		0.38	0.016	0.49	1.77	27.9	<0.2	<10	430	0.72	1.75	4.30	1.13	18.90	12.4	50
ZZ86589		0.30	0.009	0.34	1.85	44.7	<0.2	<10	340	0.66	2.28	3.54	0.80	19.05	10.5	53
ZZ86590		0.29	0.005	0.27	2.50	29.7	<0.2	<10	280	0.95	1.93	1.81	0.74	20.8	13.6	49
ZZ86591		0.37	0.002	0.22	3.04	18.5	<0.2	<10	230	1.12	0.76	0.66	0.54	26.0	19.5	96
ZZ86592		0.41	0.004	0.32	1.88	19.4	<0.2	<10	290	0.69	1.66	5.32	0.72	18.70	11.4	48
ZZ86593		0.22	0.004	0.48	2.48	25.5	<0.2	<10	250	1.07	2.10	1.43	7.16	26.7	21.9	87
ZZ86594		0.29	0.014	0.32	1.11	28.3	<0.2	<10	360	0.56	1.32	2.04	2.18	21.5	9.7	23
ZZ86595		0.39	0.006	0.36	1.11	36.0	<0.2	<10	410	0.57	1.42	5.00	1.69	27.0	11.2	22
ZZ86596		0.39	0.009	0.41	1.23	35.6	<0.2	<10	400	0.67	1.59	2.94	2.09	23.6	11.4	26
ZZ86597		0.24	0.005	0.31	1.21	30.4	<0.2	<10	470	0.66	1.64	1.60	2.26	19.80	11.3	24
ZZ86598		0.32	0.014	0.40	1.24	37.8	<0.2	<10	340	0.63	1.77	5.17	1.52	24.7	11.5	28

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

Finalized Date: 23-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141815

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ86559		2.39	29.0	2.82	5.78	0.05	0.05	0.07	0.032	0.08	14.0	17.2	1.70	395	3.30	0.03
ZZ86560		1.06	53.1	3.71	4.13	0.07	0.04	0.09	0.039	0.12	20.1	14.3	0.78	659	4.44	0.01
ZZ86561		1.63	68.8	3.87	3.83	0.06	0.15	0.04	0.034	0.28	20.1	12.6	1.57	659	3.77	0.01
ZZ86562		1.21	53.1	3.49	3.93	0.06	0.06	0.06	0.036	0.16	19.0	13.6	1.49	683	3.52	0.01
ZZ86563		1.39	65.1	3.78	3.93	0.07	0.07	0.06	0.033	0.19	21.2	12.4	1.47	607	3.49	0.01
ZZ86564		2.75	30.3	3.06	4.44	<0.05	0.04	0.05	0.031	0.10	12.9	15.1	2.27	470	3.52	0.02
ZZ86565		1.60	37.7	2.71	3.96	0.05	0.05	0.07	0.043	0.13	12.6	14.5	1.04	571	3.63	0.02
ZZ86566		1.20	29.2	2.06	2.29	0.05	0.06	0.05	0.029	0.08	11.8	9.8	2.57	317	3.61	0.01
ZZ86567		1.20	27.7	2.09	2.68	<0.05	0.03	0.07	0.027	0.06	8.6	11.4	0.78	488	1.60	0.01
ZZ86568		1.44	41.5	2.59	3.66	0.05	0.05	0.06	0.037	0.10	13.2	13.5	1.17	463	2.86	0.02
ZZ86569		1.89	29.0	2.30	2.65	0.06	0.03	0.07	0.027	0.07	8.8	10.6	1.13	608	5.12	0.01
ZZ86570		1.90	36.3	2.64	3.13	0.05	0.05	0.08	0.034	0.07	11.5	12.9	2.21	546	4.63	0.01
ZZ86571		1.79	26.8	2.61	3.04	0.05	0.05	0.06	0.034	0.06	11.4	12.4	2.30	328	4.43	0.02
ZZ86572		2.26	36.9	2.37	2.94	0.05	0.04	0.07	0.033	0.09	9.8	12.0	3.10	552	6.63	0.01
ZZ86573		2.36	32.8	2.25	2.89	0.05	0.04	0.06	0.029	0.08	9.9	12.5	3.46	381	3.98	0.01
ZZ86574		2.22	25.3	1.88	2.61	<0.05	0.03	0.07	0.027	0.07	8.4	11.9	4.34	481	4.07	0.01
ZZ86575		2.69	35.2	2.17	2.69	0.05	0.04	0.07	0.031	0.10	8.8	11.7	3.59	472	6.81	0.01
ZZ86576		3.53	27.7	2.49	3.15	0.05	0.04	0.06	0.031	0.11	10.0	12.9	2.22	455	4.61	0.01
ZZ86577		2.47	27.2	2.50	3.03	0.05	0.04	0.06	0.035	0.09	9.5	12.8	2.93	500	4.74	0.02
ZZ86578		2.43	35.4	2.36	3.02	0.06	0.05	0.06	0.034	0.10	9.6	12.0	3.14	559	4.07	0.01
ZZ86579		1.97	29.2	2.04	2.65	0.05	0.04	0.05	0.027	0.07	8.4	11.1	3.67	552	4.08	0.01
ZZ86580		2.10	51.8	2.96	4.41	0.06	0.06	0.10	0.047	0.09	13.5	16.9	0.87	487	5.56	0.01
ZZ86581		1.47	40.5	2.16	2.69	<0.05	0.04	0.08	0.026	0.05	6.6	9.4	0.63	982	2.54	0.01
ZZ86582		1.25	21.0	1.32	1.78	<0.05	0.03	0.05	0.016	0.04	4.0	4.8	0.53	623	2.31	0.01
ZZ86583		2.19	43.1	2.92	4.12	0.06	0.05	0.08	0.038	0.08	12.5	16.1	1.27	716	5.77	0.01
ZZ86584		1.69	32.9	1.77	3.42	0.05	0.07	0.08	0.031	0.08	11.7	14.5	1.70	242	1.44	0.01
ZZ86585		2.02	33.8	2.40	3.41	0.06	0.05	0.09	0.035	0.08	11.0	13.6	0.98	369	4.44	0.01
ZZ86586		3.42	31.3	2.71	5.44	0.06	0.03	0.09	0.036	0.07	10.9	18.0	2.22	511	2.52	0.04
ZZ86587		3.89	37.1	2.85	5.50	0.05	0.04	0.08	0.037	0.08	9.2	18.8	3.14	522	2.87	0.04
ZZ86588		3.50	46.7	3.08	5.43	0.06	0.04	0.07	0.032	0.08	11.3	18.5	2.93	548	3.33	0.04
ZZ86589		3.02	35.4	3.04	5.98	<0.05	0.02	0.06	0.032	0.06	10.7	18.3	1.93	343	2.64	0.03
ZZ86590		3.42	33.0	3.30	7.89	0.05	0.04	0.05	0.040	0.06	10.7	24.1	1.66	443	3.22	0.03
ZZ86591		3.27	28.7	3.67	7.99	0.07	0.06	0.03	0.050	0.06	13.3	35.8	2.05	512	1.93	0.01
ZZ86592		4.97	27.4	2.80	6.15	0.05	0.03	0.07	0.030	0.09	10.5	22.6	2.59	360	2.37	0.02
ZZ86593		2.26	73.8	3.67	7.30	0.06	0.05	0.23	0.043	0.03	12.5	26.6	1.42	520	15.80	0.03
ZZ86594		1.00	38.9	2.57	3.44	0.05	0.06	0.06	0.032	0.08	11.7	12.5	0.97	480	3.49	0.01
ZZ86595		1.50	44.7	2.86	3.39	0.06	0.12	0.08	0.037	0.14	14.3	14.2	2.27	550	4.25	0.01
ZZ86596		1.48	49.3	2.87	3.75	0.05	0.08	0.13	0.037	0.12	12.5	14.1	1.48	503	4.52	0.01
ZZ86597		0.96	39.5	2.56	3.71	0.05	0.07	0.08	0.034	0.06	10.7	12.4	0.61	470	8.33	0.01
ZZ86598		1.75	50.4	2.85	3.82	0.05	0.08	0.12	0.037	0.11	13.6	14.0	2.48	498	5.04	0.01

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ86559		1.48	34.5	600	20.4	15.3	<0.001	0.02	1.16	5.3	1.2	1.2	31.3	<0.01	0.05	3.5
ZZ86560		1.25	49.6	1090	24.7	12.0	<0.001	0.02	1.80	4.5	1.0	0.9	25.3	<0.01	0.06	4.1
ZZ86561		1.01	41.0	1400	21.7	20.9	0.001	0.02	1.77	3.9	1.0	0.8	59.3	<0.01	0.06	5.5
ZZ86562		1.41	43.2	1090	20.5	14.8	<0.001	0.02	1.76	3.9	0.9	1.0	49.6	<0.01	0.07	3.6
ZZ86563		1.75	44.6	1360	21.8	17.5	<0.001	0.02	2.03	4.1	1.5	1.0	38.1	<0.01	0.06	4.6
ZZ86564		1.23	41.9	850	24.8	17.0	<0.001	0.02	1.39	4.1	1.1	0.9	46.6	<0.01	0.05	3.1
ZZ86565		1.12	42.5	980	35.9	14.5	0.001	0.06	2.07	3.2	1.3	1.3	40.1	<0.01	0.07	1.7
ZZ86566		0.77	34.3	970	18.9	9.3	0.002	0.03	1.50	2.6	1.4	0.6	63.1	<0.01	0.05	2.7
ZZ86567		0.90	29.7	740	16.6	11.6	<0.001	0.09	1.15	2.3	2.1	0.6	62.6	<0.01	0.04	0.9
ZZ86568		1.06	42.7	1030	28.9	12.4	0.001	0.04	1.89	3.4	1.3	1.1	35.0	<0.01	0.05	2.1
ZZ86569		0.80	65.9	960	19.0	10.7	0.004	0.08	1.46	2.0	2.8	0.7	44.7	<0.01	0.04	0.9
ZZ86570		0.88	49.1	990	26.1	11.3	0.002	0.05	1.65	2.9	1.6	0.8	45.5	<0.01	0.05	2.0
ZZ86571		0.89	46.4	1020	23.2	9.1	0.002	0.04	1.67	2.7	1.6	0.8	40.3	<0.01	0.05	2.1
ZZ86572		0.93	53.4	870	23.7	12.9	0.002	0.05	2.11	2.7	2.3	0.9	70.8	<0.01	0.03	2.0
ZZ86573		0.92	48.3	850	22.3	13.5	0.001	0.04	1.69	2.7	1.9	0.9	70.8	<0.01	0.04	1.9
ZZ86574		0.80	38.6	650	20.2	12.1	0.001	0.03	1.38	2.4	1.2	1.0	90.1	<0.01	0.03	1.6
ZZ86575		0.81	58.9	810	22.0	19.2	0.002	0.05	1.93	2.5	2.3	1.1	85.6	<0.01	0.04	1.6
ZZ86576		0.96	71.1	1050	23.1	23.9	0.002	0.08	1.61	2.4	2.2	1.2	44.9	<0.01	0.04	1.3
ZZ86577		0.94	62.2	1000	23.0	20.0	0.001	0.07	1.63	2.4	1.7	1.0	50.6	<0.01	0.06	1.4
ZZ86578		0.87	56.4	860	23.5	20.3	0.002	0.05	1.79	2.5	2.0	0.9	59.8	<0.01	0.05	1.7
ZZ86579		0.76	43.3	760	23.5	11.5	0.002	0.04	1.58	2.2	1.7	1.0	76.3	<0.01	0.06	1.8
ZZ86580		1.02	57.9	1070	33.7	13.1	0.005	0.07	2.11	3.5	4.2	1.1	36.0	<0.01	0.07	1.9
ZZ86581		0.69	46.4	930	18.2	7.5	0.011	0.15	1.65	1.7	4.9	0.7	44.0	<0.01	0.03	0.7
ZZ86582		0.46	23.0	960	10.6	9.7	0.004	0.16	0.88	0.9	4.2	0.4	50.3	<0.01	0.02	0.3
ZZ86583		0.95	71.8	1070	27.5	13.1	0.005	0.06	1.92	3.3	3.3	1.0	38.6	<0.01	0.05	1.8
ZZ86584		0.99	46.7	920	23.3	12.6	0.006	0.07	1.31	3.2	2.2	0.8	38.9	<0.01	0.05	2.6
ZZ86585		0.95	50.9	1020	26.5	19.1	0.003	0.07	1.89	2.8	2.8	1.0	36.1	<0.01	0.05	1.8
ZZ86586		1.46	42.8	1050	21.8	14.3	<0.001	0.05	1.36	3.9	2.4	2.0	49.6	<0.01	0.05	1.1
ZZ86587		1.55	51.5	930	22.9	20.2	<0.001	0.04	1.39	4.7	1.1	0.9	54.1	<0.01	0.05	1.8
ZZ86588		1.48	53.0	850	31.4	13.7	0.001	0.04	1.83	4.9	1.8	1.0	50.1	<0.01	0.07	1.9
ZZ86589		1.44	42.7	710	22.4	13.2	<0.001	0.04	1.16	4.8	1.4	1.3	46.1	<0.01	0.05	1.4
ZZ86590		1.74	48.8	640	25.0	13.8	<0.001	0.02	1.27	5.7	1.3	1.2	36.1	<0.01	0.05	3.3
ZZ86591		1.88	80.7	490	15.1	12.4	0.001	0.02	0.80	8.4	1.5	2.7	14.2	<0.01	0.05	3.7
ZZ86592		1.68	43.9	660	20.2	22.2	<0.001	0.03	0.93	4.6	1.2	1.1	54.3	<0.01	0.05	1.9
ZZ86593		2.18	143.5	1040	33.2	5.7	0.001	0.04	2.52	5.9	3.1	1.3	38.2	<0.01	0.08	2.9
ZZ86594		0.83	38.1	980	22.1	9.2	0.001	0.05	1.99	2.9	2.2	0.9	38.5	<0.01	0.05	1.5
ZZ86595		0.69	42.1	1010	27.3	12.4	0.003	0.02	2.22	3.8	1.5	0.9	77.6	<0.01	0.05	3.9
ZZ86596		1.03	46.9	1100	25.2	12.8	0.001	0.05	2.33	3.5	2.7	0.9	51.5	<0.01	0.06	2.2
ZZ86597		1.15	69.3	690	22.5	7.5	0.001	0.07	2.13	2.8	3.8	0.9	34.8	<0.01	0.06	1.6
ZZ86598		1.05	48.0	950	25.8	14.1	0.001	0.02	2.50	3.9	2.3	1.0	69.8	<0.01	0.05	3.2

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
ZZ86559		0.060	0.27	0.96	74	2.49	11.75	147	2.0
ZZ86560		0.031	0.20	1.05	51	0.39	12.00	279	1.8
ZZ86561		0.039	0.24	1.34	39	0.25	9.67	130	8.5
ZZ86562		0.032	0.22	0.92	45	0.33	10.15	143	2.1
ZZ86563		0.039	0.25	1.01	44	0.63	10.75	120	3.1
ZZ86564		0.053	0.29	0.99	57	3.32	8.54	177	1.7
ZZ86565		0.034	0.25	0.99	62	1.30	9.44	208	1.8
ZZ86566		0.029	0.21	1.17	33	1.46	7.30	145	2.5
ZZ86567		0.028	0.17	1.36	39	1.64	6.74	128	1.4
ZZ86568		0.033	0.23	0.89	52	1.15	9.97	179	2.0
ZZ86569		0.028	0.22	2.49	38	3.51	6.71	372	1.2
ZZ86570		0.033	0.28	1.42	46	2.08	8.81	269	1.9
ZZ86571		0.034	0.26	1.35	47	3.38	7.72	299	1.8
ZZ86572		0.034	0.34	1.80	47	2.77	8.29	277	1.9
ZZ86573		0.035	0.29	1.15	41	3.12	7.96	263	1.6
ZZ86574		0.033	0.27	1.28	35	5.46	6.66	217	1.4
ZZ86575		0.030	0.34	1.70	40	2.87	8.23	325	1.5
ZZ86576		0.035	0.33	2.54	45	2.32	7.21	523	1.5
ZZ86577		0.033	0.28	1.43	43	4.11	6.88	387	1.5
ZZ86578		0.035	0.31	0.99	43	4.48	7.52	297	1.7
ZZ86579		0.030	0.27	1.11	37	2.65	6.63	235	1.8
ZZ86580		0.031	0.30	4.71	59	1.58	11.45	337	2.0
ZZ86581		0.021	0.19	7.03	35	1.33	5.76	211	1.5
ZZ86582		0.015	0.15	2.85	23	0.75	3.56	96	1.0
ZZ86583		0.036	0.29	2.61	56	1.88	9.99	334	1.9
ZZ86584		0.038	0.24	2.11	46	1.20	7.89	314	2.4
ZZ86585		0.034	0.31	2.48	46	2.06	8.74	350	2.0
ZZ86586		0.061	0.26	1.70	73	1.30	12.30	151	1.1
ZZ86587		0.074	0.35	1.15	62	2.24	10.55	150	1.4
ZZ86588		0.068	0.33	1.82	68	1.77	13.40	208	1.4
ZZ86589		0.065	0.27	0.98	68	2.95	10.95	119	0.8
ZZ86590		0.073	0.35	1.14	84	5.81	8.62	185	1.7
ZZ86591		0.108	0.28	0.75	85	0.67	11.20	106	2.9
ZZ86592		0.073	0.39	0.87	63	3.70	9.88	146	0.9
ZZ86593		0.102	0.45	1.61	92	2.29	15.45	543	2.5
ZZ86594		0.027	0.17	1.04	43	1.40	8.19	180	2.0
ZZ86595		0.034	0.29	0.92	43	2.22	9.49	179	5.9
ZZ86596		0.031	0.28	1.21	49	0.88	10.05	207	2.7
ZZ86597		0.025	0.21	1.46	52	2.29	9.58	221	2.1
ZZ86598		0.037	0.33	0.93	49	1.27	10.90	192	3.4

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	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ86599		0.18	0.005	0.20	1.16	29.1	<0.2	<10	420	0.56	1.32	1.86	1.84	18.60	8.9	26
ZZ86600		0.33	0.005	0.39	1.21	29.4	<0.2	<10	450	0.56	1.23	2.45	2.18	20.4	10.1	28
ZZ86601		0.15	0.006	0.57	0.95	25.1	<0.2	<10	380	0.77	1.66	1.86	6.97	22.8	12.7	20
ZZ86602		0.22	0.007	0.31	0.44	33.1	0.2	<10	410	0.67	1.44	2.60	11.95	11.30	12.3	11
ZZ86603		0.40	0.010	0.40	1.19	96.7	<0.2	<10	350	0.92	3.05	2.26	3.95	21.2	12.5	26
ZZ86604		0.54	0.007	0.48	1.48	41.8	<0.2	<10	410	0.78	2.21	2.37	1.55	30.9	14.0	30
ZZ86605		0.49	0.006	0.32	1.13	25.1	<0.2	<10	210	0.53	1.58	2.27	0.95	24.3	9.3	24
ZZ86606		0.34	0.004	0.36	1.82	22.5	<0.2	<10	380	0.75	1.04	3.51	1.19	20.8	9.6	40
ZZ86607		0.48	0.011	0.38	1.37	33.3	<0.2	<10	300	0.63	1.86	3.99	1.41	24.5	11.1	30
ZZ86608		0.24	0.006	0.29	1.28	22.7	<0.2	<10	520	0.61	1.34	1.69	1.33	19.00	7.9	25
ZZ86609		0.27	0.004	0.43	3.06	22.8	<0.2	<10	590	1.22	1.80	1.04	0.61	34.2	27.8	98
ZZ86610		0.32	0.002	0.26	1.71	14.0	<0.2	<10	170	0.66	0.69	0.72	0.23	26.4	12.2	50
ZZ86611		0.43	0.006	0.41	1.50	20.1	<0.2	<10	300	0.62	2.76	9.01	0.71	16.60	9.3	37
ZZ86612		0.32	0.003	0.10	1.60	11.1	<0.2	<10	410	0.48	0.66	0.41	0.31	18.30	6.1	29
ZZ86613		0.32	0.010	0.14	2.27	29.5	<0.2	<10	340	1.16	1.44	1.37	1.18	33.6	15.4	52
ZZ86614		0.26	0.012	0.31	2.99	24.2	<0.2	<10	530	1.20	1.61	1.44	0.52	32.9	22.7	109
ZZ86615		0.45	0.006	0.41	1.32	22.0	<0.2	<10	400	0.53	2.23	6.38	1.00	14.85	9.4	34
ZZ86616		0.30	0.004	0.35	2.25	19.8	<0.2	<10	300	0.80	1.97	1.68	0.81	24.2	14.1	39
ZZ86617		0.15	0.006	0.39	1.06	33.4	<0.2	<10	600	0.56	1.90	2.05	2.30	16.95	12.7	25
ZZ86618		0.54	0.010	0.40	1.33	35.9	<0.2	<10	440	0.68	2.14	2.90	2.47	24.2	12.9	31
ZZ86619		0.15	0.005	0.28	0.95	27.6	<0.2	<10	810	0.50	1.64	2.71	4.24	13.55	12.1	21
ZZ86620		0.32	0.007	0.44	1.42	34.2	<0.2	<10	350	0.77	2.75	0.92	2.55	26.2	14.7	34
ZZ86621		0.22	0.005	0.32	1.01	31.7	<0.2	<10	420	0.54	2.03	2.10	3.18	15.65	14.8	23
ZZ86622		0.17	0.007	0.42	1.18	6.7	<0.2	<10	620	0.62	1.92	2.18	7.62	18.70	5.0	29
ZZ86623		0.19	0.007	0.39	1.41	21.8	<0.2	<10	420	0.56	1.88	1.76	1.10	19.80	9.4	32
ZZ86624		0.24	0.010	0.34	1.19	12.1	<0.2	<10	450	0.64	1.81	2.04	2.48	17.95	6.7	27

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

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

Finalized Date: 23- AUG- 2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141815

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ86599		0.85	24.1	2.50	3.50	<0.05	0.05	0.06	0.036	0.08	10.5	13.1	0.83	329	4.54	0.01
ZZ86600		1.51	41.0	2.52	3.76	0.06	0.05	0.08	0.038	0.11	11.4	12.9	1.23	467	3.71	0.02
ZZ86601		0.72	71.2	2.56	2.61	0.05	0.08	0.19	0.042	0.07	13.0	10.0	0.73	518	14.65	<0.01
ZZ86602		0.67	51.1	2.14	1.26	<0.05	0.09	0.14	0.033	0.06	5.8	3.4	0.39	728	42.6	0.01
ZZ86603		1.21	126.0	3.54	3.24	0.06	0.06	0.09	0.371	0.10	11.6	10.6	1.17	502	29.9	0.01
ZZ86604		1.53	53.2	3.40	4.48	0.07	0.10	0.09	0.042	0.13	16.6	16.6	1.61	620	5.11	0.01
ZZ86605		1.23	37.4	2.54	3.40	0.05	0.06	0.07	0.033	0.07	13.5	12.0	1.67	425	3.05	0.01
ZZ86606		2.97	30.2	2.83	5.98	0.05	0.02	0.05	0.036	0.08	11.5	17.7	2.56	418	2.92	0.05
ZZ86607		1.87	41.5	3.01	4.18	0.05	0.06	0.07	0.038	0.10	13.5	15.1	2.61	593	4.52	0.02
ZZ86608		0.87	27.3	2.44	3.74	<0.05	0.05	0.06	0.030	0.04	10.8	12.1	0.60	406	2.17	0.01
ZZ86609		4.51	33.2	3.90	7.93	0.06	0.06	0.06	0.039	0.08	17.4	29.1	1.30	785	3.07	0.09
ZZ86610		3.74	24.0	2.58	5.34	0.06	0.02	0.04	0.031	0.05	17.4	16.7	1.14	350	1.29	0.02
ZZ86611		4.02	33.0	2.34	4.53	<0.05	0.03	0.06	0.030	0.07	9.2	16.6	3.59	397	1.92	0.02
ZZ86612		2.78	9.1	2.24	5.79	<0.05	0.02	0.02	0.025	0.03	9.6	13.6	0.46	149	2.00	0.01
ZZ86613		2.97	34.7	3.56	6.11	0.06	0.06	0.05	0.044	0.08	16.2	18.2	1.43	492	3.33	0.03
ZZ86614		3.66	36.8	4.73	7.97	0.07	0.05	0.06	0.060	0.06	20.4	27.4	2.04	805	2.75	0.04
ZZ86615		2.79	28.2	2.56	3.90	<0.05	0.03	0.04	0.030	0.07	8.4	14.3	4.20	491	2.93	0.04
ZZ86616		4.11	27.1	3.80	9.08	0.06	0.02	0.07	0.040	0.07	15.7	23.2	1.51	370	2.74	0.03
ZZ86617		1.87	29.2	2.66	3.12	<0.05	0.06	0.09	0.033	0.07	9.0	11.9	0.64	599	4.75	0.02
ZZ86618		2.11	43.5	3.12	3.83	0.05	0.06	0.07	0.041	0.09	12.6	15.7	2.00	325	5.01	0.02
ZZ86619		1.65	36.6	2.74	2.80	<0.05	0.05	0.06	0.027	0.08	7.2	10.6	0.70	2450	5.24	0.02
ZZ86620		2.17	48.1	3.35	4.32	0.05	0.06	0.07	0.042	0.10	13.8	17.9	0.83	480	5.04	0.02
ZZ86621		1.56	35.3	3.08	2.90	<0.05	0.05	0.06	0.030	0.06	8.2	11.4	0.67	685	4.92	0.02
ZZ86622		1.99	44.8	1.21	3.44	0.05	0.06	0.09	0.033	0.07	10.0	14.0	0.75	176	2.31	0.02
ZZ86623		2.35	19.1	2.65	4.01	0.05	0.07	0.08	0.044	0.12	10.3	17.0	0.81	358	2.59	0.02
ZZ86624		1.95	42.5	1.83	3.40	<0.05	0.08	0.07	0.034	0.09	9.5	13.5	0.77	271	1.60	0.02

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141815

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ86599		0.90	38.3	560	27.4	10.0	0.001	0.05	1.88	2.6	2.6	1.2	39.4	<0.01	0.05	1.4
ZZ86600		1.00	43.6	990	31.7	14.9	0.003	0.06	2.40	2.8	1.9	1.9	43.8	<0.01	0.06	1.6
ZZ86601		0.88	117.5	950	23.0	6.8	0.002	0.07	4.16	3.0	4.3	1.0	50.7	<0.01	0.11	2.3
ZZ86602		0.43	149.0	990	14.2	5.8	0.001	0.14	7.33	1.3	5.2	0.9	52.2	<0.01	0.06	0.8
ZZ86603		0.86	110.0	1460	24.3	9.4	0.003	0.09	4.37	3.0	4.5	1.1	66.7	<0.01	0.09	2.0
ZZ86604		1.02	50.6	1120	35.0	13.6	0.001	0.02	2.56	4.7	1.6	1.1	40.5	<0.01	0.06	4.1
ZZ86605		0.84	35.5	970	23.0	8.5	0.001	0.02	1.83	3.5	1.0	1.1	29.4	<0.01	0.05	3.2
ZZ86606		1.35	36.0	880	19.8	16.0	0.001	0.03	1.40	4.8	1.4	0.9	42.9	<0.01	0.05	2.2
ZZ86607		0.93	42.3	1090	26.9	12.7	<0.001	0.02	2.03	4.4	1.3	0.9	44.7	<0.01	0.05	3.3
ZZ86608		0.86	29.0	950	16.4	7.5	0.001	0.06	1.30	2.5	2.4	0.7	34.7	<0.01	0.04	1.1
ZZ86609		2.19	89.1	540	21.3	18.2	0.006	0.02	0.94	8.7	1.5	1.0	60.1	<0.01	0.04	5.1
ZZ86610		1.05	38.6	370	8.2	9.7	<0.001	0.02	0.68	7.2	1.0	1.0	15.9	<0.01	0.03	2.3
ZZ86611		1.27	39.6	670	23.7	20.5	0.001	0.03	1.20	3.5	1.1	1.2	84.1	<0.01	0.03	1.4
ZZ86612		1.28	18.9	240	13.5	13.6	<0.001	0.02	0.51	2.7	0.7	0.8	12.9	<0.01	0.03	2.0
ZZ86613		1.35	59.4	790	24.6	18.7	0.001	0.03	1.33	6.4	1.7	0.9	24.6	<0.01	0.06	4.2
ZZ86614		1.97	89.9	610	25.0	13.3	<0.001	0.03	0.95	9.8	1.3	1.7	23.5	<0.01	0.03	3.5
ZZ86615		1.09	38.9	1100	18.1	10.6	0.001	0.02	1.24	3.6	1.3	0.9	50.7	<0.01	0.02	1.7
ZZ86616		1.94	36.7	840	19.6	14.5	<0.001	0.04	0.86	4.5	1.6	1.1	25.4	<0.01	0.03	1.5
ZZ86617		0.85	38.7	1040	23.0	12.1	0.004	0.13	1.49	2.5	3.8	1.0	43.2	<0.01	0.03	1.4
ZZ86618		0.96	64.8	1070	29.9	12.6	0.002	0.03	2.00	3.5	1.7	0.9	36.5	<0.01	0.05	2.8
ZZ86619		0.65	58.9	1130	17.7	11.6	0.013	0.13	1.47	1.7	4.4	0.6	48.9	<0.01	0.03	0.7
ZZ86620		1.08	63.9	1070	31.0	15.4	0.003	0.04	1.95	3.8	2.0	1.0	29.3	<0.01	0.04	2.7
ZZ86621		0.82	55.6	990	20.9	9.3	0.004	0.10	1.82	2.1	2.6	0.7	40.1	<0.01	0.02	1.2
ZZ86622		0.88	58.9	1030	24.1	17.2	0.013	0.20	2.30	2.4	6.9	0.8	45.2	<0.01	0.01	1.3
ZZ86623		1.01	37.3	1080	28.7	15.2	0.008	0.09	1.28	3.0	2.3	1.0	46.1	<0.01	0.05	1.8
ZZ86624		0.94	48.7	940	25.1	12.6	0.010	0.17	1.57	2.7	2.8	0.8	45.1	<0.01	0.04	1.7

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23- AUG- 2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141815

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
ZZ86599		0.027	0.17	1.00	52	1.10	7.17	258	1.4
ZZ86600		0.032	0.30	1.16	64	1.42	8.92	210	1.8
ZZ86601		0.017	0.34	6.23	40	1.27	18.75	359	3.6
ZZ86602		0.011	0.66	2.05	32	0.66	13.60	487	4.0
ZZ86603		0.024	0.42	5.70	81	1.49	16.20	444	2.4
ZZ86604		0.037	0.28	0.88	57	1.11	11.95	217	3.9
ZZ86605		0.036	0.22	0.73	45	1.43	9.19	152	2.8
ZZ86606		0.057	0.27	1.11	71	0.69	10.95	177	1.0
ZZ86607		0.048	0.30	0.96	60	2.24	11.00	187	2.6
ZZ86608		0.025	0.12	1.54	49	1.10	7.55	106	1.4
ZZ86609		0.131	0.50	1.32	106	2.16	15.25	144	2.4
ZZ86610		0.084	0.46	0.76	54	0.36	13.75	69	0.8
ZZ86611		0.063	0.40	0.85	45	2.50	7.34	138	0.9
ZZ86612		0.032	0.24	0.54	62	0.79	2.49	114	0.7
ZZ86613		0.054	0.34	1.37	79	2.28	13.15	195	2.0
ZZ86614		0.101	0.33	0.90	106	2.71	21.8	130	1.7
ZZ86615		0.059	0.27	1.37	55	2.82	10.25	187	1.2
ZZ86616		0.084	0.30	1.38	99	7.37	20.9	176	0.8
ZZ86617		0.031	0.22	4.80	44	1.01	8.72	234	2.3
ZZ86618		0.040	0.28	1.48	56	3.83	10.80	343	2.4
ZZ86619		0.025	0.22	5.98	38	0.64	6.29	278	1.5
ZZ86620		0.045	0.26	1.87	58	1.61	11.65	307	2.4
ZZ86621		0.031	0.19	2.57	40	1.67	7.55	265	1.9
ZZ86622		0.035	0.29	6.13	46	1.45	9.52	292	2.3
ZZ86623		0.033	0.25	2.45	53	0.82	6.56	297	2.2
ZZ86624		0.031	0.26	4.94	45	0.72	8.81	256	2.6

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Finalized Date: 23-AUG-2013
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CERTIFICATE OF ANALYSIS WH13141815

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: Interference: Samples with Ca>10%on ICP-MS As. ICP-AES As results reported (2 ppm DL)
ME-MS41

Applies to Method: Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).
ME-MS41

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
LOG-22 SCR-41 WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au-ICP21 ME-MS41

ALS Canada Ltd.

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

Finalized Date: 24-AUG-2013
Account: RCM

CERTIFICATE WH13141816

Project: RAV

P.O. No.: SO13-R1

This report is for 235 Soil samples submitted to our lab in Whitehorse, YT, Canada on 6-AUG-2013.

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-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	51 anal. aqua regia ICPMS	

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: 24-AUG-2013
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Project: RAV

CERTIFICATE OF ANALYSIS WH13141816

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ86626		0.45	0.005	0.46	1.80	21.3	<0.2	<10	370	0.73	2.11	3.03	0.80	21.8	13.6	51
ZZ86627		0.11	0.015	0.08	0.21	1.1	<0.2	<10	700	0.06	0.08	4.62	1.58	1.64	0.8	2
ZZ86628		0.27	0.037	0.27	1.74	29.9	<0.2	<10	290	0.69	1.77	1.50	0.91	24.6	11.7	46
ZZ86629		0.21	0.003	0.48	1.55	18.8	<0.2	<10	650	0.52	1.41	2.99	1.32	15.25	11.4	44
ZZ86630		0.42	0.006	0.30	2.75	28.9	<0.2	<10	620	1.12	0.85	0.46	0.72	33.1	14.0	57
ZZ86631		0.37	0.003	0.30	2.13	26.1	<0.2	<10	300	0.74	1.16	0.51	1.26	29.5	13.0	56
ZZ86632		0.36	0.014	0.26	2.13	20.6	<0.2	<10	210	0.72	1.33	1.28	0.71	22.3	13.0	50
ZZ86633		0.30	0.014	0.34	0.99	44.5	<0.2	<10	320	0.46	2.26	1.99	2.99	24.8	11.4	21
ZZ86634		0.19	0.022	0.34	1.01	39.6	<0.2	<10	390	0.44	1.61	1.67	3.01	21.8	10.7	20
ZZ86635		0.57	0.008	0.23	1.12	31.8	<0.2	<10	320	0.52	1.25	3.42	0.92	22.6	9.6	21
ZZ86636		0.34	0.008	0.31	1.56	34.5	<0.2	<10	340	0.78	1.60	1.43	1.16	32.2	13.0	32
ZZ86637		0.42	0.006	0.47	1.41	24.2	<0.2	<10	300	0.65	1.41	4.85	1.49	18.10	9.0	32
ZZ86638		0.45	0.007	0.44	2.83	18.0	<0.2	<10	310	1.16	0.87	1.74	1.20	26.0	12.8	53
ZZ86639		0.29	0.006	0.46	1.25	44.1	<0.2	<10	290	0.60	1.68	1.73	2.20	26.9	12.4	25
ZZ86640		0.49	0.008	0.46	1.46	46.9	<0.2	<10	390	0.69	2.21	1.23	1.49	31.4	14.2	27
ZZ86641		0.44	0.008	0.48	1.53	53.6	<0.2	<10	580	0.75	2.40	2.10	1.72	33.0	15.7	28
ZZ86642		0.37	0.018	0.52	1.17	63.1	<0.2	<10	370	0.55	3.62	3.03	3.04	27.9	14.2	25
ZZ86643		0.30	0.007	0.30	0.90	32.1	<0.2	<10	340	0.42	1.80	3.53	2.95	21.9	10.2	18
ZZ86644		0.48	0.011	0.51	1.40	59.8	<0.2	<10	410	0.68	4.12	1.73	2.07	30.9	14.4	28
ZZ86645		0.36	0.008	0.50	1.45	45.3	<0.2	<10	520	0.66	2.03	1.53	2.40	28.1	14.2	27
ZZ86646		0.31	0.010	0.49	1.12	56.3	<0.2	<10	320	0.48	2.86	1.61	2.93	24.8	12.9	25
ZZ86647		0.38	0.015	0.48	1.17	80.7	<0.2	<10	340	0.57	3.15	2.59	3.08	29.5	15.1	23
ZZ86648		0.63	0.010	0.34	1.11	30.0	<0.2	<10	240	0.52	1.23	3.74	1.47	24.3	10.8	24
ZZ86649		0.24	0.007	0.45	0.91	42.7	<0.2	<10	260	0.41	1.67	1.50	4.88	21.1	10.6	21
ZZ86650		0.30	0.015	0.36	0.90	36.1	<0.2	<10	260	0.40	1.45	2.74	4.21	20.1	9.5	21
ZZ86651		0.21	0.009	0.35	0.90	38.1	<0.2	<10	260	0.39	1.76	2.06	4.04	23.4	10.2	20
ZZ86652		0.12	0.007	0.44	1.11	40.4	<0.2	<10	280	0.46	1.80	1.58	4.65	20.6	11.3	25
ZZ86653		0.35	0.009	0.23	1.36	51.7	<0.2	<10	330	0.54	1.97	0.52	1.72	29.8	13.5	25
ZZ86654		0.31	0.006	0.36	1.21	38.5	<0.2	<10	350	0.49	1.75	1.42	2.25	23.0	11.9	25
ZZ86655		0.20	0.117	0.27	1.91	20.3	<0.2	<10	710	0.70	1.55	1.84	0.97	20.0	12.0	41
ZZ86656		0.34	0.003	0.12	2.50	24.1	<0.2	<10	280	0.96	2.04	0.89	0.58	22.5	14.4	55
ZZ86657		0.27	0.003	0.43	1.77	23.3	<0.2	<10	400	0.67	1.53	1.97	1.94	17.55	11.0	45
ZZ86658		0.54	0.005	0.47	1.69	25.1	<0.2	<10	330	0.61	1.81	5.20	1.36	18.05	13.1	48
ZZ86659		0.19	0.014	0.37	1.12	29.5	<0.2	<10	400	0.44	1.67	1.49	4.20	22.2	9.1	25
ZZ86660		0.10	0.007	0.25	0.53	102.0	<0.2	<10	900	0.28	0.98	1.73	7.72	12.45	28.7	12
ZZ86661		0.09	0.004	0.37	0.96	43.3	<0.2	<10	430	0.46	1.45	1.80	4.70	16.15	8.9	21
ZZ86662		0.12	0.008	0.33	1.04	8.9	<0.2	<10	350	0.41	1.29	1.33	3.43	19.30	4.6	24
ZZ86663		0.32	0.006	0.32	1.16	18.4	<0.2	<10	390	0.53	1.39	3.30	2.27	20.7	10.5	28
ZZ86664		0.25	0.025	0.39	0.86	52.0	<0.2	<10	210	0.41	0.93	1.99	1.87	20.9	10.2	16
ZZ86665		0.41	0.020	0.29	0.94	61.6	<0.2	<10	180	0.41	0.91	2.60	0.72	21.3	22.5	16

***** 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: 24-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141816

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ86626		4.08	31.9	3.11	6.06	0.07	0.03	0.07	0.034	0.10	12.7	21.2	2.33	475	3.50	0.03
ZZ86627		0.21	8.5	0.19	0.53	<0.05	0.03	0.05	<0.005	0.01	0.9	0.5	0.31	877	1.98	<0.01
ZZ86628		2.87	28.3	3.27	5.54	0.06	0.03	0.06	0.046	0.06	14.4	16.5	1.47	581	3.88	0.03
ZZ86629		4.52	33.9	2.60	5.13	0.05	0.03	0.07	0.030	0.05	8.8	21.3	1.20	546	2.45	0.02
ZZ86630		2.91	53.6	3.62	7.46	0.07	0.05	0.07	0.042	0.06	18.2	19.4	1.08	763	3.54	0.03
ZZ86631		3.01	27.4	3.32	6.70	0.06	0.03	0.05	0.040	0.07	18.1	18.6	0.84	518	3.08	0.03
ZZ86632		4.13	22.5	3.41	7.18	0.05	0.03	0.04	0.039	0.06	13.6	22.1	1.45	560	2.60	0.04
ZZ86633		1.02	43.3	2.78	3.16	0.05	0.04	0.08	0.035	0.06	13.6	10.4	1.08	428	4.84	0.01
ZZ86634		0.86	39.6	2.61	2.94	<0.05	0.03	0.08	0.032	0.06	12.1	9.6	0.70	589	6.31	0.01
ZZ86635		1.04	30.4	2.61	3.45	0.05	0.04	0.05	0.031	0.07	12.8	12.2	1.63	437	2.63	0.01
ZZ86636		2.12	37.3	3.02	4.77	0.08	0.06	0.06	0.045	0.09	20.4	14.4	1.22	650	4.08	0.02
ZZ86637		2.52	50.8	2.47	4.70	0.07	0.04	0.10	0.039	0.07	10.5	15.5	3.03	477	3.54	0.05
ZZ86638		3.62	36.8	3.73	12.35	0.09	0.05	0.07	0.041	0.14	15.4	27.6	1.71	818	2.87	0.14
ZZ86639		1.46	50.6	2.91	3.96	0.06	0.06	0.10	0.039	0.13	14.9	12.9	0.97	477	5.13	0.01
ZZ86640		1.32	57.9	3.32	4.62	0.06	0.09	0.10	0.044	0.12	17.2	15.2	0.88	558	5.02	0.01
ZZ86641		1.47	66.9	3.63	4.79	0.07	0.08	0.11	0.053	0.15	18.6	15.7	1.29	632	8.66	0.01
ZZ86642		1.69	67.2	3.46	3.71	0.08	0.08	0.12	0.065	0.15	15.6	11.5	1.71	528	8.31	0.01
ZZ86643		0.98	40.1	2.45	2.88	0.05	0.08	0.08	0.033	0.09	12.1	10.5	1.69	468	8.61	0.01
ZZ86644		1.45	66.4	3.53	4.28	0.07	0.09	0.10	0.054	0.14	17.3	13.5	1.21	582	6.80	0.01
ZZ86645		1.27	61.8	3.31	4.39	0.06	0.07	0.11	0.044	0.13	15.7	13.3	0.85	627	4.54	0.01
ZZ86646		0.92	57.2	2.83	3.41	0.06	0.04	0.10	0.045	0.07	13.6	10.0	0.61	616	9.55	0.01
ZZ86647		1.67	72.3	3.69	3.57	0.06	0.15	0.12	0.055	0.17	16.3	10.2	1.64	631	11.20	0.01
ZZ86648		1.61	39.6	2.59	3.66	0.07	0.06	0.08	0.035	0.08	13.7	12.4	2.04	498	4.12	0.02
ZZ86649		1.01	47.4	2.53	2.83	0.06	0.03	0.09	0.033	0.07	11.8	8.5	0.54	519	7.29	0.01
ZZ86650		1.21	41.6	2.34	2.76	0.06	0.04	0.07	0.031	0.07	11.2	8.8	1.25	442	6.43	0.01
ZZ86651		1.08	40.9	2.39	2.90	0.06	0.03	0.08	0.030	0.07	13.0	9.0	0.98	370	6.71	0.01
ZZ86652		1.33	44.8	2.64	3.57	0.05	0.05	0.11	0.040	0.08	11.4	11.7	0.59	406	6.08	0.01
ZZ86653		1.27	30.8	3.18	4.15	0.05	0.03	0.05	0.042	0.08	16.0	12.2	0.53	620	6.87	0.01
ZZ86654		1.13	40.0	2.66	3.79	0.05	0.03	0.07	0.036	0.08	12.5	12.3	0.56	450	4.71	0.01
ZZ86655		2.77	20.9	2.81	6.22	<0.05	0.02	0.04	0.040	0.05	11.0	16.8	1.09	522	2.85	0.02
ZZ86656		3.99	26.3	3.36	7.66	0.05	0.04	0.04	0.040	0.07	12.3	18.9	1.21	422	3.08	0.02
ZZ86657		4.14	30.7	2.90	5.72	0.05	0.13	0.05	0.037	0.06	10.7	20.8	1.18	617	2.82	0.02
ZZ86658		6.36	38.4	2.93	5.81	0.08	0.04	0.08	0.038	0.15	10.3	18.7	3.29	381	3.72	0.05
ZZ86659		1.45	42.8	2.14	3.45	0.05	0.04	0.09	0.035	0.07	12.3	11.3	0.62	224	4.20	0.01
ZZ86660		0.73	21.6	14.65	1.74	0.06	0.03	0.05	0.018	0.04	6.7	4.5	0.32	4150	54.8	0.01
ZZ86661		1.34	42.8	3.25	2.94	<0.05	0.07	0.08	0.028	0.06	8.9	9.1	0.52	260	6.75	0.02
ZZ86662		0.97	40.6	1.57	2.81	0.10	0.05	0.08	0.031	0.06	10.1	10.4	0.52	349	1.98	0.01
ZZ86663		2.30	35.1	2.12	3.49	0.10	0.06	0.05	0.036	0.10	11.1	13.9	2.16	333	2.45	0.02
ZZ86664		0.92	52.3	2.76	2.42	0.11	0.03	0.07	0.030	0.09	12.2	8.1	0.81	402	3.20	0.01
ZZ86665		1.80	43.3	3.65	2.67	0.11	0.04	0.05	0.032	0.10	11.3	8.7	1.08	2090	2.12	0.01

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ86626		1.65	56.1	910	20.2	24.0	<0.001	0.02	1.80	4.9	1.1	0.9	40.5	<0.01	0.05	2.7
ZZ86627		0.14	4.9	680	1.4	0.8	0.001	0.17	0.71	0.1	2.4	<0.2	75.2	<0.01	0.01	<0.2
ZZ86628		1.59	49.2	690	23.2	14.5	<0.001	0.02	1.70	4.7	1.5	1.0	25.8	<0.01	0.05	2.5
ZZ86629		1.58	45.2	800	19.1	16.9	0.001	0.08	1.55	3.0	2.1	0.9	53.1	<0.01	0.04	0.8
ZZ86630		1.85	59.2	860	19.5	16.2	<0.001	0.01	1.39	7.6	1.3	0.9	23.1	<0.01	0.06	5.3
ZZ86631		1.78	50.7	800	20.7	17.8	<0.001	0.01	1.24	6.1	1.1	1.0	20.4	<0.01	0.06	3.7
ZZ86632		2.49	48.1	560	19.8	15.5	<0.001	0.02	1.17	4.9	1.3	1.2	26.7	<0.01	0.05	2.5
ZZ86633		0.96	48.5	1080	19.5	8.8	0.004	0.03	2.29	2.7	2.6	0.8	31.8	<0.01	0.05	2.4
ZZ86634		0.91	47.1	1030	17.3	8.6	0.004	0.04	2.00	2.2	2.3	0.9	34.0	<0.01	0.05	1.6
ZZ86635		0.90	32.7	770	17.8	8.9	<0.001	0.01	1.66	3.1	0.8	0.7	43.9	<0.01	0.04	3.0
ZZ86636		1.20	46.6	940	23.8	17.0	<0.001	0.02	2.19	5.1	1.6	1.8	30.9	<0.01	0.05	3.9
ZZ86637		1.25	44.5	1160	18.2	14.3	<0.001	0.02	1.94	3.9	1.3	0.8	57.1	<0.01	0.05	2.1
ZZ86638		2.61	40.8	1530	19.7	12.7	<0.001	0.01	1.14	6.9	1.4	1.1	63.1	0.01	0.05	4.4
ZZ86639		1.15	48.1	1100	24.7	14.4	0.002	0.03	2.63	3.5	1.8	0.9	39.8	<0.01	0.06	3.2
ZZ86640		1.11	54.4	1020	29.8	13.4	<0.001	0.02	2.95	4.1	1.5	1.2	34.3	<0.01	0.07	4.2
ZZ86641		0.96	65.0	1100	33.5	13.9	0.001	0.01	3.70	4.6	1.6	1.3	46.7	<0.01	0.07	5.3
ZZ86642		1.05	65.6	1320	28.0	14.9	0.003	0.04	4.22	3.7	2.3	2.3	59.7	<0.01	0.09	4.6
ZZ86643		0.85	49.9	920	20.8	8.8	0.001	0.02	2.83	2.7	1.6	0.9	51.9	<0.01	0.05	3.0
ZZ86644		0.95	59.8	1160	28.8	13.4	<0.001	0.01	3.92	4.2	2.1	1.7	41.5	<0.01	0.09	4.8
ZZ86645		1.09	53.8	1060	29.4	13.1	<0.001	0.03	2.96	3.8	2.0	1.1	37.3	<0.01	0.07	3.2
ZZ86646		1.18	59.2	1190	19.9	10.1	0.003	0.05	3.70	2.8	3.9	1.6	47.8	<0.01	0.07	1.9
ZZ86647		0.92	69.7	1390	24.6	17.2	0.001	0.02	4.09	3.6	2.5	1.4	46.5	<0.01	0.09	5.1
ZZ86648		0.94	39.8	1070	23.3	11.3	<0.001	0.01	2.30	3.7	1.1	0.8	50.3	<0.01	0.05	3.6
ZZ86649		0.95	54.8	1000	16.2	13.1	0.009	0.07	2.32	2.2	4.8	0.9	41.4	<0.01	0.05	1.4
ZZ86650		0.96	49.8	1050	15.7	10.5	0.014	0.08	2.13	2.2	4.4	0.8	45.4	<0.01	0.06	1.7
ZZ86651		0.95	49.8	1030	16.4	10.8	0.010	0.06	2.32	2.2	3.7	0.8	39.5	<0.01	0.05	1.9
ZZ86652		1.16	53.6	970	19.2	14.9	0.014	0.09	2.20	2.6	5.2	0.9	43.7	<0.01	0.05	1.6
ZZ86653		1.12	45.0	800	22.7	13.8	0.001	0.01	1.72	3.1	1.3	0.9	20.8	<0.01	0.06	3.2
ZZ86654		1.11	52.5	900	18.7	14.6	0.002	0.04	1.82	2.6	2.2	0.8	33.7	<0.01	0.05	1.4
ZZ86655		1.71	42.9	510	21.0	15.6	<0.001	0.04	1.32	3.5	1.6	1.0	32.5	<0.01	0.04	1.1
ZZ86656		1.92	54.3	320	25.1	19.6	<0.001	0.02	1.74	5.2	0.9	1.2	19.1	<0.01	0.05	3.9
ZZ86657		1.83	47.3	600	30.7	28.3	<0.001	0.04	1.42	3.4	1.4	1.0	32.1	<0.01	0.04	1.0
ZZ86658		1.70	106.5	1190	21.8	30.1	0.002	0.02	1.55	4.7	1.4	1.9	60.6	<0.01	0.05	2.9
ZZ86659		1.20	71.1	1010	17.5	12.8	0.008	0.08	2.09	2.7	4.2	0.9	38.4	<0.01	0.06	1.9
ZZ86660		0.64	68.4	870	9.9	8.0	0.012	0.10	2.13	1.5	4.4	0.4	48.2	0.01	0.07	1.2
ZZ86661		1.08	58.2	990	15.8	9.8	0.029	0.27	2.17	2.4	5.1	0.8	44.7	<0.01	0.06	1.8
ZZ86662		0.86	36.6	930	15.2	6.6	0.009	0.14	1.30	2.7	2.8	0.6	35.1	<0.01	0.01	1.7
ZZ86663		0.92	55.1	900	21.8	15.3	0.007	0.06	1.61	3.3	2.6	0.9	40.9	<0.01	0.04	2.7
ZZ86664		0.93	36.4	1230	14.6	11.0	0.005	0.07	1.64	2.0	2.4	0.4	38.4	<0.01	0.04	1.4
ZZ86665		0.88	102.5	1170	13.2	14.1	0.001	0.05	1.43	2.9	1.4	0.5	37.1	<0.01	0.04	1.9

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

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

Finalized Date: 24-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141816

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
ZZ86626		0.078	0.38	6.32	69	2.76	13.25	194	1.5
ZZ86627		0.005	0.09	7.13	3	<0.05	0.84	17	0.9
ZZ86628		0.064	0.33	1.54	82	5.24	14.15	175	1.4
ZZ86629		0.060	0.36	4.89	61	0.83	10.65	120	1.2
ZZ86630		0.068	0.32	1.54	101	0.52	18.10	134	2.2
ZZ86631		0.075	0.26	1.18	81	6.70	12.55	206	1.3
ZZ86632		0.087	0.40	1.02	79	2.78	12.85	172	1.2
ZZ86633		0.027	0.21	2.00	43	1.45	9.56	237	1.7
ZZ86634		0.024	0.17	3.33	42	1.52	8.52	253	1.3
ZZ86635		0.032	0.17	0.80	43	1.24	8.67	128	1.7
ZZ86636		0.046	0.30	1.37	65	1.08	20.3	157	2.6
ZZ86637		0.054	0.31	1.14	69	1.78	11.60	145	1.8
ZZ86638		0.099	0.24	1.64	111	0.51	17.95	173	2.9
ZZ86639		0.033	0.26	1.46	50	1.21	10.30	198	2.6
ZZ86640		0.030	0.27	1.01	55	0.87	11.20	197	3.7
ZZ86641		0.035	0.35	1.29	59	0.94	12.90	227	4.5
ZZ86642		0.037	0.46	1.20	55	0.74	10.65	257	5.1
ZZ86643		0.027	0.25	1.79	38	1.59	9.20	257	3.3
ZZ86644		0.033	0.36	1.06	62	0.68	11.45	249	4.4
ZZ86645		0.026	0.25	1.34	54	0.69	11.40	200	3.3
ZZ86646		0.026	0.26	3.61	61	0.64	10.60	265	1.8
ZZ86647		0.036	0.52	1.29	56	0.54	10.85	286	9.2
ZZ86648		0.041	0.28	0.90	48	2.84	11.15	159	3.0
ZZ86649		0.022	0.28	4.30	44	0.31	9.63	375	1.5
ZZ86650		0.025	0.26	4.14	43	3.01	8.85	313	1.6
ZZ86651		0.025	0.25	3.87	42	0.58	9.05	323	1.5
ZZ86652		0.027	0.29	3.43	46	0.41	9.17	414	1.8
ZZ86653		0.030	0.20	0.94	53	2.46	8.24	270	1.1
ZZ86654		0.030	0.20	1.49	47	0.63	9.09	298	1.3
ZZ86655		0.056	0.26	2.15	77	2.27	8.52	125	0.6
ZZ86656		0.071	0.43	0.85	82	1.85	8.83	162	1.9
ZZ86657		0.065	0.32	2.01	82	4.81	11.00	219	0.9
ZZ86658		0.088	0.43	1.18	70	0.99	10.70	579	1.8
ZZ86659		0.031	0.34	5.13	46	0.51	9.56	520	1.8
ZZ86660		0.015	0.21	3.81	34	0.87	6.71	473	1.2
ZZ86661		0.028	0.27	10.50	39	0.65	8.00	333	3.1
ZZ86662		0.028	0.19	3.48	40	0.27	8.68	314	1.8
ZZ86663		0.039	0.28	2.02	47	1.55	8.79	311	2.6
ZZ86664		0.021	0.17	2.56	31	0.13	8.82	202	1.4
ZZ86665		0.027	0.23	1.04	31	0.20	8.55	113	1.5

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141816

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ86666		0.35	0.015	0.32	1.15	80.6	<0.2	<10	500	0.51	1.07	2.10	0.72	23.4	13.6	19
ZZ86667		0.31	0.084	0.48	1.13	71.4	<0.2	<10	310	0.51	1.19	1.60	3.39	24.4	13.7	19
ZZ86668		0.22	0.009	0.27	0.83	47.4	<0.2	<10	240	0.38	2.68	1.35	2.52	23.9	8.7	15
ZZ86669		0.54	0.022	0.38	1.17	66.4	<0.2	<10	320	0.54	1.57	1.44	0.79	26.4	11.9	19
ZZ86670		0.31	0.019	0.36	1.28	65.9	<0.2	<10	350	0.60	1.39	1.54	1.20	28.1	13.5	22
ZZ86671		0.36	0.047	0.27	1.09	76	<0.2	<10	430	0.33	3.56	11.70	1.17	16.45	11.6	35
ZZ86672		0.35	0.003	0.23	1.59	15.1	<0.2	<10	370	0.84	0.41	1.12	0.63	21.0	14.1	26
ZZ86673		0.28	0.005	0.27	1.61	18.2	<0.2	<10	430	0.86	0.49	1.82	0.70	22.8	13.9	28
ZZ86674		0.32	0.019	0.26	1.50	26.2	<0.2	<10	470	0.76	0.89	2.21	0.61	21.3	12.4	27
ZZ86675		0.48	0.004	0.24	1.40	25.0	<0.2	<10	530	0.73	0.76	3.23	0.81	21.6	12.2	25
ZZ86676		0.39	0.018	0.20	0.91	42.1	<0.2	<10	490	0.38	1.74	4.04	0.79	19.00	9.7	20
ZZ86677		0.44	0.008	0.21	0.95	49.1	<0.2	<10	460	0.35	1.66	5.88	1.02	17.70	9.6	22
ZZ86678		0.30	0.009	0.09	1.92	44.8	<0.2	<10	310	0.73	1.74	1.66	0.44	29.2	10.9	40
ZZ86679		0.40	0.012	0.21	2.05	50.9	<0.2	<10	320	0.93	1.93	1.16	0.64	34.4	12.9	42
ZZ86680		0.33	0.022	0.12	1.77	26.5	<0.2	<10	350	0.55	1.22	4.69	0.36	21.2	9.1	32
ZZ86681		0.31	0.011	0.21	2.03	64.2	<0.2	<10	460	0.77	3.00	0.63	0.39	29.2	13.1	39
ZZ86682		0.18	0.005	0.18	1.58	15.0	<0.2	<10	470	0.43	0.66	1.79	0.72	16.95	12.8	27
ZZ86683		0.22	0.007	0.36	1.45	33.1	<0.2	<10	560	0.59	0.75	1.52	0.92	23.4	13.8	28
ZZ86684		0.62	0.017	0.29	1.63	49.2	<0.2	<10	400	0.58	0.74	4.01	1.21	25.4	14.1	44
ZZ86685		0.41	0.008	0.39	1.62	38.7	<0.2	<10	670	0.59	0.96	1.72	1.06	25.9	15.0	38
ZZ86686		0.39	0.006	0.40	1.60	41.1	<0.2	<10	500	0.65	0.93	0.87	1.06	30.6	14.3	32
ZZ86687		0.28	0.007	0.42	1.39	37.1	<0.2	<10	360	0.57	2.20	1.72	1.08	21.5	11.1	34
ZZ86688		0.14	0.006	0.34	1.34	30.2	<0.2	<10	420	0.50	1.70	2.03	1.15	17.15	11.2	31
ZZ86689		0.24	0.014	0.27	1.19	39.8	<0.2	<10	340	0.46	1.64	2.63	1.28	18.45	9.7	28
ZZ86690		0.15	0.007	0.32	1.40	36.2	<0.2	<10	450	0.51	1.80	2.11	1.59	18.10	11.2	32
ZZ86691		0.13	0.004	0.26	1.50	35.2	<0.2	<10	490	0.50	1.77	2.22	1.20	15.30	11.4	29
ZZ86692		0.25	0.009	0.24	2.18	88.0	<0.2	<10	330	0.79	4.23	2.36	0.57	29.1	13.6	44
ZZ86693		0.34	0.009	0.29	2.16	68.1	<0.2	<10	350	0.68	9.58	2.07	0.46	27.9	10.7	38
ZZ86694		0.38	0.025	0.18	2.08	151.0	<0.2	<10	360	0.88	4.11	0.90	0.42	36.9	14.4	41
ZZ86695		0.30	0.047	0.38	2.31	71.5	<0.2	<10	370	0.96	2.16	1.65	0.64	35.5	16.0	48
ZZ86696		0.41	0.008	0.29	1.28	37.3	<0.2	<10	300	0.53	1.23	5.03	1.23	24.3	11.9	29
ZZ86697		0.44	0.008	0.40	1.39	46.1	<0.2	<10	390	0.58	1.07	1.78	1.41	28.2	14.3	32
ZZ86698		0.21	0.005	0.31	1.14	35.0	<0.2	<10	580	0.50	1.07	2.25	1.07	19.50	10.8	24
ZZ86699		0.24	0.009	0.40	1.52	47.6	<0.2	<10	430	0.64	1.14	1.39	1.38	29.3	16.4	37
ZZ86700		0.21	0.010	0.42	1.49	35.2	<0.2	<10	540	0.72	0.83	1.05	0.87	28.7	13.1	29
ZZ85501		0.20	0.007	0.41	1.40	31.9	<0.2	<10	410	0.68	1.30	2.46	1.77	24.5	11.7	28
ZZ85502		0.22	0.015	0.39	1.35	28.9	<0.2	<10	480	0.63	1.51	2.01	1.66	23.3	11.3	28
ZZ85503		0.22	0.015	0.40	1.25	26.2	<0.2	<10	430	0.54	1.26	2.71	2.06	21.6	10.3	27
ZZ85504		0.16	0.008	0.44	1.44	31.6	<0.2	<10	440	0.62	1.57	1.74	1.56	21.5	11.1	30
ZZ85505		0.30	0.010	0.43	1.37	32.5	<0.2	<10	490	0.69	1.33	1.60	1.87	25.3	12.8	30

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CERTIFICATE OF ANALYSIS WH13141816

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ86666		0.89	59.6	3.60	3.09	0.05	0.05	0.07	0.036	0.10	12.7	12.4	0.96	634	2.61	0.01
ZZ86667		0.90	62.3	3.28	3.04	0.05	0.04	0.08	0.035	0.10	13.3	10.7	0.65	656	5.10	0.01
ZZ86668		0.69	45.3	2.77	2.28	0.05	0.04	0.05	0.034	0.07	12.6	8.1	0.48	677	5.25	0.01
ZZ86669		0.86	51.5	3.40	3.13	0.05	0.06	0.07	0.036	0.10	14.3	11.1	0.76	542	5.14	0.01
ZZ86670		0.96	54.8	3.56	3.38	0.05	0.06	0.08	0.038	0.12	14.9	12.0	0.87	629	8.94	0.01
ZZ86671		1.84	25.3	2.21	3.15	<0.05	0.03	0.03	0.034	0.07	8.7	11.2	3.54	372	1.13	0.01
ZZ86672		1.26	48.9	3.45	4.18	<0.05	0.09	0.10	0.029	0.16	10.8	23.4	0.66	564	1.49	0.01
ZZ86673		1.41	50.2	3.43	4.47	0.05	0.12	0.11	0.033	0.16	11.5	25.3	0.98	458	1.56	0.01
ZZ86674		1.34	41.6	3.14	4.26	<0.05	0.08	0.09	0.032	0.14	11.0	21.6	1.04	416	1.42	0.01
ZZ86675		1.36	41.1	3.03	3.99	<0.05	0.09	0.09	0.031	0.13	10.9	21.8	1.20	471	1.42	0.01
ZZ86676		0.83	28.4	2.13	2.70	<0.05	0.04	0.04	0.025	0.04	10.1	11.0	2.11	732	1.74	0.02
ZZ86677		1.29	25.9	2.31	2.73	0.05	0.04	0.04	0.027	0.08	9.4	11.6	2.68	740	1.83	0.02
ZZ86678		1.53	17.2	3.48	5.31	0.05	0.03	0.04	0.040	0.05	16.9	19.3	1.38	493	1.88	0.02
ZZ86679		2.43	20.2	3.77	5.50	0.06	0.02	0.04	0.049	0.06	17.6	17.6	1.08	1130	2.32	0.02
ZZ86680		1.86	11.5	2.72	5.11	<0.05	0.02	0.03	0.032	0.04	11.0	14.2	3.34	412	1.78	0.01
ZZ86681		1.61	22.7	3.48	5.57	0.05	0.04	0.05	0.044	0.05	15.5	18.6	0.78	527	1.93	0.01
ZZ86682		1.63	14.7	2.49	5.06	<0.05	0.02	0.04	0.028	0.05	8.2	14.0	0.59	1100	1.43	0.01
ZZ86683		1.03	46.9	3.13	3.87	<0.05	0.05	0.07	0.033	0.10	12.3	14.9	0.67	841	3.44	0.01
ZZ86684		2.00	54.9	3.59	4.27	0.06	0.11	0.07	0.036	0.18	13.4	14.7	2.24	612	4.25	0.02
ZZ86685		1.65	59.7	3.50	4.49	0.05	0.05	0.07	0.038	0.15	14.2	14.9	1.18	617	4.57	0.02
ZZ86686		1.14	61.8	3.58	4.52	0.05	0.06	0.08	0.045	0.14	16.8	17.8	0.78	579	5.05	0.01
ZZ86687		1.95	35.5	2.75	4.04	<0.05	0.04	0.05	0.053	0.10	11.7	14.2	1.29	417	4.38	0.02
ZZ86688		2.02	40.0	2.55	3.74	<0.05	0.03	0.06	0.040	0.10	9.1	14.5	0.69	642	3.21	0.02
ZZ86689		1.64	31.5	2.44	3.43	0.05	0.03	0.05	0.038	0.10	10.0	13.1	1.40	514	3.19	0.02
ZZ86690		1.89	40.9	2.56	3.86	<0.05	0.04	0.07	0.041	0.11	9.7	14.7	0.77	964	3.28	0.02
ZZ86691		2.02	29.1	2.43	4.09	<0.05	0.03	0.06	0.043	0.09	7.7	18.0	0.62	863	4.05	0.01
ZZ86692		2.08	20.0	3.65	5.43	0.05	0.03	0.05	0.044	0.06	19.2	16.5	1.81	685	2.01	0.02
ZZ86693		2.00	12.9	4.15	6.31	0.05	0.03	0.05	0.046	0.05	16.5	18.7	2.09	1720	2.07	0.01
ZZ86694		1.80	27.7	3.91	5.67	0.10	0.04	0.17	0.047	0.06	33.9	17.7	1.06	815	1.98	0.02
ZZ86695		2.50	21.4	4.44	6.20	0.05	0.02	0.06	0.064	0.05	18.3	19.9	1.30	1720	1.87	0.02
ZZ86696		1.85	49.8	2.98	3.51	0.05	0.09	0.06	0.033	0.11	13.0	14.6	2.67	539	3.66	0.02
ZZ86697		1.57	61.0	3.47	3.89	0.05	0.08	0.08	0.038	0.15	15.1	13.5	1.20	490	5.42	0.02
ZZ86698		0.93	32.7	2.55	3.40	<0.05	0.05	0.07	0.032	0.07	9.9	11.7	0.58	624	2.54	<0.01
ZZ86699		1.39	54.6	3.61	4.53	0.06	0.08	0.07	0.038	0.12	15.5	15.7	1.04	585	4.62	0.01
ZZ86700		1.07	47.7	3.29	4.30	0.06	0.07	0.07	0.037	0.10	15.0	16.5	0.69	673	3.33	<0.01
ZZ85501		1.52	40.5	2.97	4.22	0.06	0.05	0.06	0.044	0.12	12.8	15.4	1.57	478	3.92	0.01
ZZ85502		1.47	42.2	2.80	4.11	0.06	0.05	0.06	0.045	0.11	12.4	15.0	1.09	426	3.49	0.01
ZZ85503		1.40	39.5	2.64	3.73	0.06	0.05	0.06	0.039	0.10	11.4	13.4	1.39	414	3.52	0.01
ZZ85504		1.70	46.2	2.81	4.28	0.05	0.05	0.07	0.044	0.13	11.3	15.2	0.81	442	3.90	0.01
ZZ85505		1.37	50.6	2.94	4.28	0.06	0.06	0.08	0.041	0.11	13.4	15.2	0.90	804	4.04	0.01

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ86666		1.58	43.5	1070	17.9	10.7	0.001	0.06	2.08	3.0	1.3	0.6	33.1	<0.01	0.06	2.0
ZZ86667		1.44	51.7	1290	19.6	11.5	0.005	0.06	1.98	2.6	2.8	0.6	41.4	<0.01	0.06	1.8
ZZ86668		1.00	56.7	1280	13.9	7.5	0.009	0.06	1.74	2.1	3.3	0.5	35.1	<0.01	0.05	2.0
ZZ86669		1.45	44.8	1220	16.6	10.5	0.001	0.05	2.02	3.1	1.3	0.6	27.5	<0.01	0.05	2.5
ZZ86670		1.56	45.7	1170	20.9	11.4	0.002	0.04	2.79	3.5	2.4	0.8	28.7	<0.01	0.05	3.1
ZZ86671		1.34	41.5	750	29.8	10.5	0.001	0.07	0.88	3.0	0.7	0.6	108.5	<0.01	0.03	1.5
ZZ86672		0.69	40.6	730	18.8	12.0	<0.001	0.04	1.17	4.0	0.6	0.5	31.2	<0.01	0.05	3.0
ZZ86673		0.69	42.8	650	23.9	11.5	0.001	0.04	1.27	4.7	1.0	0.5	35.8	<0.01	0.06	3.9
ZZ86674		0.85	38.2	740	19.9	12.6	<0.001	0.04	1.12	4.2	1.0	0.5	37.9	<0.01	0.04	3.0
ZZ86675		0.86	37.1	720	20.3	11.4	0.001	0.04	1.08	4.2	1.3	0.5	54.4	<0.01	0.04	3.8
ZZ86676		1.03	30.7	950	19.7	5.9	0.001	0.06	1.08	2.5	1.2	0.4	42.5	<0.01	0.04	1.5
ZZ86677		1.14	29.6	920	18.8	10.6	0.001	0.04	1.04	2.7	1.0	0.4	61.0	<0.01	0.04	1.9
ZZ86678		1.62	35.7	740	24.7	9.8	<0.001	0.02	0.81	5.1	0.7	0.7	19.9	<0.01	0.04	2.6
ZZ86679		1.39	40.2	810	30.6	15.0	<0.001	0.03	0.92	5.0	1.1	0.7	20.9	<0.01	0.05	2.0
ZZ86680		1.52	23.9	380	19.2	10.7	<0.001	0.02	0.51	3.8	0.5	0.7	23.5	<0.01	0.04	2.0
ZZ86681		1.54	39.0	550	30.7	11.8	<0.001	0.02	0.89	5.0	0.9	0.8	16.7	<0.01	0.04	2.7
ZZ86682		1.49	22.0	850	14.8	10.7	<0.001	0.06	0.55	2.5	0.7	0.6	30.7	<0.01	0.02	1.0
ZZ86683		0.97	45.3	940	18.6	12.4	0.001	0.06	1.52	3.3	1.5	0.6	30.6	<0.01	0.05	1.8
ZZ86684		0.97	61.2	1240	19.4	16.6	<0.001	0.02	1.90	5.0	1.2	1.2	58.6	<0.01	0.06	4.1
ZZ86685		1.31	78.3	1060	20.2	14.4	<0.001	0.03	2.11	4.4	1.8	0.8	29.7	<0.01	0.05	2.7
ZZ86686		1.08	62.0	900	22.1	13.7	<0.001	0.02	1.95	4.5	1.4	0.8	22.7	<0.01	0.07	3.6
ZZ86687		1.27	45.7	1010	34.8	14.4	<0.001	0.03	1.84	3.5	1.2	1.5	28.5	<0.01	0.05	2.6
ZZ86688		1.14	44.1	870	26.7	16.0	0.004	0.11	1.66	2.6	2.6	1.2	40.7	<0.01	0.04	1.0
ZZ86689		1.14	38.3	980	25.3	16.5	0.002	0.06	1.44	2.5	1.2	1.0	37.5	<0.01	0.04	1.7
ZZ86690		1.25	45.5	900	26.6	16.2	0.002	0.10	1.57	2.8	2.0	1.2	41.6	<0.01	0.04	1.2
ZZ86691		1.15	37.4	710	25.4	16.4	0.001	0.09	1.33	2.4	1.6	1.3	42.6	<0.01	0.04	1.0
ZZ86692		2.16	39.8	850	34.1	12.5	<0.001	0.04	0.87	5.5	0.7	0.7	26.9	<0.01	0.04	2.2
ZZ86693		1.49	29.4	520	26.5	11.9	<0.001	0.02	0.81	5.1	0.8	0.9	18.9	<0.01	0.05	2.7
ZZ86694		1.48	44.4	560	49.3	13.6	<0.001	0.02	1.09	9.0	1.4	1.0	17.5	<0.01	0.05	4.5
ZZ86695		1.58	40.9	980	40.6	10.9	<0.001	0.04	0.79	5.3	1.1	0.9	25.8	<0.01	0.04	1.5
ZZ86696		0.74	48.7	1070	20.4	12.7	<0.001	0.01	1.92	4.0	0.9	0.7	58.8	<0.01	0.05	3.8
ZZ86697		1.23	65.8	1340	20.2	14.7	<0.001	0.03	2.33	4.0	1.5	0.7	32.4	<0.01	0.06	3.8
ZZ86698		0.94	37.2	1060	17.5	9.9	0.002	0.07	1.41	2.2	1.6	0.7	45.2	<0.01	0.06	0.9
ZZ86699		1.25	62.1	1270	20.3	12.3	<0.001	0.01	2.11	4.1	1.7	0.7	33.7	<0.01	0.07	3.4
ZZ86700		0.91	48.3	930	19.5	11.0	0.002	0.01	1.86	3.7	1.5	0.7	25.4	<0.01	0.07	2.6
ZZ85501		1.02	44.1	1040	27.1	13.6	0.001	0.01	2.25	3.3	1.4	1.2	36.2	<0.01	0.05	2.2
ZZ85502		1.03	46.8	980	27.5	13.1	0.001	0.03	2.41	3.0	1.6	1.3	34.2	<0.01	0.07	1.8
ZZ85503		0.94	44.4	1090	22.8	10.8	0.001	0.04	2.18	2.8	1.7	1.0	43.7	<0.01	0.07	1.6
ZZ85504		1.06	45.8	1070	25.1	15.8	0.003	0.05	2.32	3.0	1.4	1.2	36.3	<0.01	0.07	1.6
ZZ85505		1.06	49.1	1120	24.5	11.3	0.002	0.03	2.35	3.5	1.7	1.0	34.0	<0.01	0.06	2.4

***** 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: 24-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141816

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
ZZ86666		0.028	0.20	1.68	38	0.16	9.15	106	1.8
ZZ86667		0.024	0.22	4.58	42	0.21	9.77	290	1.6
ZZ86668		0.022	0.29	5.11	33	0.20	8.12	270	1.6
ZZ86669		0.028	0.20	1.77	40	0.18	9.29	133	2.0
ZZ86670		0.027	0.23	2.41	43	0.23	9.67	149	2.6
ZZ86671		0.062	0.18	1.09	33	1.14	7.69	347	1.1
ZZ86672		0.012	0.14	0.79	39	0.13	8.22	136	3.3
ZZ86673		0.012	0.15	0.83	42	0.21	9.10	158	4.7
ZZ86674		0.016	0.16	0.76	40	0.45	8.80	152	3.0
ZZ86675		0.017	0.15	0.71	37	0.40	8.54	145	3.7
ZZ86676		0.028	0.10	1.29	33	1.81	8.05	138	1.4
ZZ86677		0.038	0.17	1.00	35	2.45	7.60	148	1.5
ZZ86678		0.048	0.18	0.96	65	2.08	12.50	164	1.0
ZZ86679		0.046	0.19	1.22	66	1.27	13.65	255	0.6
ZZ86680		0.041	0.18	0.72	56	1.90	7.46	169	0.7
ZZ86681		0.036	0.18	0.87	66	2.34	10.50	152	1.1
ZZ86682		0.035	0.12	1.29	54	0.53	4.07	134	0.7
ZZ86683		0.024	0.16	1.50	50	0.48	9.40	156	2.1
ZZ86684		0.061	0.32	0.96	56	0.63	9.01	177	6.5
ZZ86685		0.043	0.49	1.57	65	0.80	10.50	196	2.2
ZZ86686		0.033	0.22	0.99	62	0.41	11.45	179	2.3
ZZ86687		0.045	0.30	1.02	70	6.91	9.31	233	1.8
ZZ86688		0.034	0.27	2.23	59	1.80	7.71	202	1.5
ZZ86689		0.036	0.25	1.42	57	4.34	7.33	211	1.5
ZZ86690		0.037	0.27	2.43	60	1.78	7.91	223	1.6
ZZ86691		0.028	0.28	2.57	62	2.32	5.27	213	1.4
ZZ86692		0.054	0.20	1.04	63	4.62	16.90	183	1.1
ZZ86693		0.049	0.25	1.16	75	2.81	13.25	157	1.1
ZZ86694		0.049	0.22	1.48	66	2.98	37.8	220	1.4
ZZ86695		0.053	0.23	1.24	76	0.99	15.60	222	0.5
ZZ86696		0.038	0.24	0.80	50	0.73	9.52	178	5.2
ZZ86697		0.036	0.27	1.03	59	0.47	10.05	229	3.8
ZZ86698		0.025	0.14	1.31	41	0.72	7.69	145	1.7
ZZ86699		0.039	0.26	1.23	56	0.43	10.45	185	3.1
ZZ86700		0.026	0.15	1.02	50	0.32	10.35	146	2.3
ZZ85501		0.036	0.25	1.01	57	1.08	9.64	190	1.9
ZZ85502		0.033	0.24	1.84	55	1.24	9.55	192	1.9
ZZ85503		0.031	0.21	1.48	53	0.72	9.23	189	2.1
ZZ85504		0.035	0.27	1.85	56	0.94	9.05	206	2.0
ZZ85505		0.035	0.22	1.31	56	0.66	10.45	187	2.4

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Finalized Date: 24-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141816

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ85506		0.39	0.012	0.40	1.17	64.6	<0.2	<10	370	0.52	1.34	2.99	2.59	28.8	14.9	27
ZZ85507		0.29	0.009	0.44	1.50	40.8	<0.2	<10	430	0.67	1.61	1.67	1.23	25.7	13.3	32
ZZ85508		0.29	0.008	0.38	1.37	34.5	<0.2	<10	380	0.62	1.52	2.60	1.40	22.1	11.9	29
ZZ85509		0.21	0.006	0.44	1.48	18.9	<0.2	<10	440	0.70	1.82	2.02	1.53	25.4	11.7	32
ZZ85510		0.29	0.014	0.33	1.35	85.4	<0.2	<10	350	0.58	1.45	3.87	1.09	33.8	15.3	22
ZZ85511		0.35	0.014	0.45	1.72	60.7	<0.2	<10	530	0.63	1.09	4.24	1.56	29.8	19.1	47
ZZ85512		0.38	0.014	0.46	1.64	54.3	<0.2	<10	590	0.62	1.02	4.65	2.19	32.2	22.3	59
ZZ85513		0.40	0.009	0.30	1.32	58.7	<0.2	<10	420	0.57	1.74	4.86	1.46	27.7	13.2	31
ZZ85514		0.32	0.048	0.41	1.40	70.0	<0.2	<10	490	0.60	4.62	3.19	1.36	29.8	18.2	36
ZZ85515		0.26	0.016	0.37	1.45	64.3	<0.2	<10	440	0.57	1.50	1.54	1.15	30.4	16.5	37
ZZ85516		0.38	0.016	0.45	1.43	63.3	<0.2	<10	490	0.60	1.28	3.79	1.58	29.3	18.4	39
ZZ85517		0.22	0.008	0.45	1.55	52.6	<0.2	<10	410	0.68	2.54	2.41	1.58	24.0	12.2	35
ZZ85518		0.46	0.006	0.44	1.28	42.8	<0.2	<10	460	0.70	2.31	3.91	1.35	21.9	12.6	30
ZZ85519		0.17	0.009	0.48	1.49	42.9	<0.2	<10	470	0.65	2.04	2.13	2.12	22.0	12.7	33
ZZ85520		0.32	0.011	0.59	1.92	59.9	<0.2	<10	470	0.88	3.31	1.47	3.45	27.3	19.3	45
ZZ85521		0.26	0.011	0.42	1.34	26.1	<0.2	<10	540	0.60	1.96	2.85	2.19	23.6	13.4	31
ZZ85522		0.20	0.011	0.42	1.34	26.6	<0.2	<10	500	0.62	1.38	2.07	1.86	21.3	10.7	27
ZZ85523		0.32	0.014	0.49	1.41	34.7	<0.2	<10	410	0.71	1.19	2.65	2.09	23.0	12.3	34
ZZ85524		0.15	0.017	0.31	1.15	27.2	<0.2	<10	420	0.55	1.11	2.08	2.18	20.1	10.6	24
ZZ85525		0.24	0.025	0.36	1.25	31.6	<0.2	<10	310	0.60	1.44	2.56	1.30	24.0	9.8	27
ZZ85526		0.19	0.008	0.41	1.35	26.6	<0.2	<10	390	0.62	1.43	2.04	1.23	23.7	9.9	29
ZZ85527		0.17	0.014	0.43	1.42	34.6	<0.2	<10	460	0.64	1.47	1.94	1.63	24.0	11.9	30
ZZ85528		0.19	0.012	0.48	1.59	36.5	<0.2	<10	450	0.69	1.61	1.02	1.62	29.1	12.5	33
ZZ85529		0.31	0.007	0.58	1.49	41.2	<0.2	<10	360	0.69	1.77	2.79	1.64	23.3	12.5	32
ZZ85530		0.20	0.009	0.41	1.27	35.1	<0.2	<10	420	0.64	1.66	2.08	1.39	23.3	11.3	29
ZZ85531		0.20	0.016	0.44	1.41	37.5	<0.2	<10	410	0.63	1.69	2.22	1.60	23.4	13.0	30
ZZ85532		0.35	0.021	0.49	1.66	80.4	<0.2	<10	510	0.74	1.16	1.89	0.85	32.6	17.0	29
ZZ85533		0.33	0.011	0.40	1.31	48.9	<0.2	<10	440	0.62	0.82	1.02	0.56	27.4	12.7	24
ZZ85534		0.36	0.010	0.30	1.14	51.1	<0.2	<10	350	0.57	1.48	3.45	1.11	28.2	13.1	22
ZZ85535		0.31	0.019	0.32	1.14	37.1	<0.2	<10	450	0.59	1.26	1.52	0.94	24.9	11.8	21
ZZ85536		0.32	0.013	0.36	1.21	48.9	<0.2	<10	410	0.60	1.44	1.30	0.99	26.6	13.4	23
ZZ85537		0.25	0.007	0.57	0.99	20.7	<0.2	<10	610	0.57	0.53	3.15	1.90	20.7	8.4	18
ZZ85538		0.44	0.010	0.32	1.10	30.5	<0.2	<10	420	0.62	1.51	3.18	1.51	22.3	12.1	25
ZZ85539		0.25	0.009	0.31	0.91	52.3	<0.2	10	340	0.47	1.28	2.87	2.26	17.10	8.4	20
ZZ85540		0.47	0.008	0.37	1.05	25.9	<0.2	<10	480	0.56	2.13	4.32	1.63	20.4	8.6	25
ZZ85541		0.39	0.007	0.35	1.09	31.4	<0.2	<10	330	0.59	1.77	5.47	2.42	21.1	12.2	25
ZZ85542		0.43	0.009	0.32	1.09	26.8	<0.2	<10	380	0.55	1.83	4.40	2.10	20.9	10.4	25
ZZ85543		0.17	0.006	0.32	1.15	29.8	<0.2	<10	560	0.59	2.15	3.44	1.87	20.1	10.1	27
ZZ85544		0.15	0.008	0.39	1.15	36.0	<0.2	<10	380	0.72	2.01	3.29	2.71	22.7	12.2	26
ZZ85545		0.24	0.009	0.33	1.10	31.7	<0.2	<10	540	0.62	1.50	3.13	1.75	21.9	10.5	26

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ85506		1.50	67.0	3.55	3.60	0.07	0.08	0.07	0.045	0.20	15.6	11.5	1.60	513	8.23	<0.01
ZZ85507		1.65	49.4	3.26	4.48	0.06	0.05	0.06	0.043	0.13	13.6	15.5	1.02	414	5.13	0.01
ZZ85508		1.84	35.8	2.77	4.28	0.05	0.05	0.10	0.044	0.11	11.8	15.2	1.67	513	3.27	0.02
ZZ85509		1.69	45.8	2.56	4.45	0.05	0.05	0.07	0.046	0.12	13.4	15.8	1.31	477	2.39	0.01
ZZ85510		1.54	65.8	3.75	3.79	0.07	0.06	0.04	0.032	0.28	17.8	10.5	1.54	614	4.67	<0.01
ZZ85511		2.00	78.5	4.34	5.39	0.07	0.15	0.03	0.041	0.26	16.2	15.4	1.83	614	5.87	0.01
ZZ85512		2.30	82.4	4.22	5.41	0.08	0.08	0.05	0.048	0.29	17.7	16.0	1.95	637	8.08	<0.01
ZZ85513		1.98	48.1	3.32	4.03	0.06	0.07	0.06	0.036	0.19	14.6	15.0	2.19	510	4.31	0.01
ZZ85514		1.60	67.3	3.79	4.27	0.07	0.09	0.06	0.040	0.21	15.9	13.6	1.82	587	5.04	<0.01
ZZ85515		1.57	52.8	3.76	4.46	0.08	0.07	0.06	0.038	0.17	16.2	14.3	1.01	671	4.99	<0.01
ZZ85516		1.90	70.5	3.81	4.41	0.06	0.09	0.05	0.040	0.23	15.8	14.2	1.66	681	5.23	0.01
ZZ85517		1.94	48.5	3.33	4.67	0.06	0.06	0.07	0.043	0.14	12.8	17.2	1.68	1060	3.84	0.03
ZZ85518		2.43	41.1	2.96	4.06	0.06	0.06	0.05	0.036	0.14	11.4	16.5	2.64	254	5.80	0.03
ZZ85519		2.10	55.7	3.25	4.42	0.05	0.07	0.08	0.041	0.18	11.7	15.9	1.03	429	4.80	0.02
ZZ85520		3.44	62.5	4.57	6.10	0.07	0.07	0.08	0.059	0.21	14.5	23.3	1.26	1520	13.65	0.01
ZZ85521		2.03	45.7	2.54	4.10	0.05	0.07	0.07	0.039	0.13	12.4	16.0	1.87	883	4.36	0.01
ZZ85522		1.38	44.6	2.62	4.04	0.06	0.05	0.06	0.039	0.10	11.5	14.6	0.84	424	2.69	0.01
ZZ85523		1.82	48.1	2.89	4.59	0.07	0.05	0.08	0.041	0.12	12.4	15.2	1.64	524	5.52	0.02
ZZ85524		1.42	36.1	2.47	3.55	0.05	0.04	0.07	0.036	0.10	10.6	12.7	1.10	1240	4.81	0.01
ZZ85525		1.65	37.1	2.66	3.97	0.06	0.05	0.06	0.042	0.10	12.5	14.6	1.74	215	4.05	0.01
ZZ85526		1.62	39.8	2.61	4.11	0.06	0.05	0.06	0.043	0.11	12.6	14.9	1.30	300	3.10	0.01
ZZ85527		1.58	42.5	3.00	4.29	0.05	0.05	0.07	0.042	0.13	12.6	15.1	0.97	472	4.00	0.01
ZZ85528		1.58	56.7	3.05	4.71	0.07	0.06	0.08	0.047	0.15	15.5	17.8	0.78	156	4.60	0.01
ZZ85529		2.20	47.6	3.09	4.73	0.06	0.05	0.09	0.040	0.11	12.5	15.5	1.84	537	4.48	0.01
ZZ85530		1.49	48.4	2.83	3.76	0.05	0.04	0.06	0.037	0.10	12.3	13.4	1.17	507	3.45	0.01
ZZ85531		1.51	44.1	2.97	4.25	0.06	0.05	0.07	0.044	0.12	12.2	15.0	1.26	653	3.44	0.01
ZZ85532		1.33	67.2	3.98	4.99	0.07	0.05	0.05	0.041	0.18	17.8	13.9	1.07	599	4.44	<0.01
ZZ85533		0.82	51.5	3.15	3.89	0.05	0.05	0.07	0.030	0.08	14.6	15.0	0.65	538	2.36	<0.01
ZZ85534		1.28	47.5	3.03	3.48	0.06	0.06	0.06	0.033	0.12	14.6	13.6	1.71	544	3.36	<0.01
ZZ85535		0.83	43.7	2.78	3.43	0.05	0.05	0.07	0.031	0.08	13.0	13.6	0.71	637	2.39	<0.01
ZZ85536		0.96	50.8	3.07	3.69	0.06	0.06	0.09	0.035	0.09	13.9	13.9	0.60	438	3.29	<0.01
ZZ85537		0.75	60.8	2.45	2.79	0.06	0.08	0.09	0.033	0.14	11.3	9.3	1.01	267	3.46	<0.01
ZZ85538		1.63	32.0	2.82	3.50	0.07	0.05	0.06	0.036	0.08	11.7	14.8	2.24	474	3.53	0.01
ZZ85539		2.08	41.4	2.75	2.70	0.06	0.05	0.07	0.029	0.10	9.0	13.5	1.43	397	3.71	0.02
ZZ85540		2.01	41.4	2.39	3.26	0.07	0.05	0.06	0.036	0.08	10.8	13.9	3.05	586	4.96	0.01
ZZ85541		2.46	37.7	2.73	3.51	0.05	0.05	0.06	0.038	0.08	10.9	15.8	3.88	417	5.22	0.02
ZZ85542		2.54	37.4	2.53	3.50	0.06	0.05	0.07	0.033	0.08	11.0	15.0	2.95	426	4.09	0.01
ZZ85543		2.18	35.2	2.68	3.59	0.07	0.05	0.08	0.034	0.08	10.5	15.1	1.65	361	3.66	<0.01
ZZ85544		2.19	45.4	2.83	3.65	0.07	0.06	0.08	0.036	0.07	12.0	15.4	2.35	507	5.95	<0.01
ZZ85545		1.59	39.3	2.79	3.44	0.06	0.06	0.10	0.036	0.06	11.6	13.9	2.19	469	5.42	0.01

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

Finalized Date: 24-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141816

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ85506		1.02	73.8	1550	19.8	15.5	0.002	0.01	3.02	3.5	1.8	1.0	56.4	<0.01	0.07	4.2
ZZ85507		1.09	52.3	1140	27.4	15.2	0.001	0.03	2.40	3.4	1.6	1.2	34.6	<0.01	0.07	2.0
ZZ85508		1.13	43.8	1080	23.6	14.5	0.002	0.02	1.93	3.3	1.4	1.1	38.0	<0.01	0.04	2.2
ZZ85509		1.13	46.4	1080	30.4	15.2	0.001	0.02	2.27	3.5	1.6	1.4	33.7	<0.01	0.05	2.3
ZZ85510		0.57	49.7	1530	15.6	18.5	0.001	<0.01	2.35	3.3	1.3	0.8	53.4	<0.01	0.09	5.2
ZZ85511		0.42	85.4	1970	15.9	17.1	0.001	0.01	2.71	5.3	1.9	0.8	79.7	<0.01	0.08	5.2
ZZ85512		0.72	104.0	1930	21.1	20.1	0.002	0.01	2.75	5.9	2.1	1.0	81.7	<0.01	0.08	4.3
ZZ85513		1.15	50.2	1150	20.9	16.5	0.001	0.01	2.19	4.1	1.2	0.9	72.4	<0.01	0.05	3.9
ZZ85514		1.18	73.7	1590	19.4	15.8	0.001	0.01	2.32	4.2	1.9	0.8	55.7	<0.01	0.07	3.4
ZZ85515		1.30	64.0	1630	19.4	13.9	0.002	0.02	2.16	4.3	1.6	0.8	40.9	<0.01	0.07	3.0
ZZ85516		1.19	79.0	1600	20.2	17.6	0.002	0.04	2.41	4.3	2.2	0.8	96.2	<0.01	0.07	3.3
ZZ85517		1.17	52.8	1120	27.6	13.4	0.001	0.03	2.11	3.8	1.4	1.4	47.8	<0.01	0.05	2.6
ZZ85518		1.11	56.8	1210	23.3	18.6	0.005	0.05	2.29	3.4	2.2	1.0	151.0	<0.01	0.06	2.8
ZZ85519		1.12	58.6	1160	24.3	19.4	0.008	0.10	2.61	3.4	2.1	1.2	51.2	<0.01	0.06	2.1
ZZ85520		1.37	92.6	1180	34.9	28.0	0.006	0.06	3.32	4.8	2.3	1.9	67.4	<0.01	0.09	3.0
ZZ85521		1.08	60.3	1060	23.0	15.5	0.005	0.06	2.20	3.5	2.0	1.1	60.8	<0.01	0.05	2.8
ZZ85522		1.00	46.1	970	26.6	13.5	0.001	0.05	2.31	2.7	1.6	1.2	38.8	<0.01	0.05	1.3
ZZ85523		1.13	55.3	1120	24.2	16.6	0.001	0.02	2.53	3.6	1.9	1.1	47.2	<0.01	0.06	2.1
ZZ85524		0.89	41.6	940	20.9	11.2	0.003	0.04	1.90	2.5	1.8	1.0	35.3	<0.01	0.05	1.7
ZZ85525		0.98	40.5	1030	26.9	13.3	0.002	0.01	2.25	3.0	1.4	1.4	35.5	<0.01	0.05	2.4
ZZ85526		1.04	41.3	1100	26.9	13.0	0.003	0.03	2.22	3.2	1.5	1.1	33.6	<0.01	0.06	2.2
ZZ85527		1.03	45.4	1160	26.2	15.3	0.003	0.04	2.26	3.1	1.4	1.1	39.2	<0.01	0.05	1.8
ZZ85528		1.18	54.0	1230	26.5	15.7	0.003	0.03	2.45	4.0	1.9	1.3	37.2	<0.01	0.08	2.9
ZZ85529		1.32	50.1	1090	23.7	16.9	<0.001	0.02	2.10	3.9	1.6	1.1	42.3	<0.01	0.05	2.2
ZZ85530		0.97	44.8	1110	28.4	11.8	0.002	0.03	2.19	3.0	1.7	1.1	34.4	<0.01	0.05	2.0
ZZ85531		0.99	46.4	1100	30.5	14.1	0.001	0.04	2.15	3.2	1.5	1.1	36.2	<0.01	0.07	1.8
ZZ85532		0.96	55.0	1220	19.0	14.6	0.001	0.01	2.29	4.1	1.2	0.9	33.8	<0.01	0.07	3.2
ZZ85533		0.78	42.5	1130	16.6	9.3	0.001	0.01	1.75	3.5	1.3	0.5	29.0	<0.01	0.05	2.4
ZZ85534		0.94	46.4	1000	21.7	11.6	0.001	<0.01	1.92	3.5	0.9	0.7	53.0	<0.01	0.05	3.6
ZZ85535		0.84	40.3	920	20.6	8.9	0.001	0.01	1.78	3.0	1.0	0.6	36.4	<0.01	0.04	2.0
ZZ85536		1.01	46.0	1100	22.8	10.1	0.002	0.02	1.88	3.3	1.2	0.7	61.6	<0.01	0.05	2.4
ZZ85537		0.71	43.1	1160	19.9	9.4	0.005	0.08	2.73	2.2	3.4	0.4	95.3	<0.01	0.05	1.3
ZZ85538		0.90	47.7	1010	27.0	9.8	0.001	0.01	1.66	3.1	1.5	2.3	46.0	<0.01	0.04	2.5
ZZ85539		0.86	39.9	930	18.2	15.5	0.007	0.13	1.94	2.5	3.2	0.6	288	<0.01	0.03	2.0
ZZ85540		0.95	58.8	970	24.1	10.3	0.003	0.02	1.92	2.7	1.5	0.9	85.1	<0.01	0.06	2.7
ZZ85541		1.02	57.4	950	24.9	12.1	0.002	0.02	1.94	2.9	1.7	1.0	101.0	<0.01	0.03	2.5
ZZ85542		1.01	53.3	870	24.5	14.9	0.003	0.01	1.93	2.9	1.8	0.9	45.6	<0.01	0.05	2.6
ZZ85543		1.01	51.6	790	25.7	14.3	0.005	0.05	1.84	2.7	2.5	0.9	47.5	<0.01	0.05	1.8
ZZ85544		0.98	64.4	930	28.2	11.7	0.002	0.01	2.04	3.2	1.8	0.9	40.1	<0.01	0.05	2.7
ZZ85545		0.94	51.5	1070	23.7	9.5	0.002	0.01	2.02	3.0	1.7	0.7	38.5	<0.01	0.05	2.9

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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 24- AUG- 2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141816

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
ZZ85506		0.032	0.39	1.51	53	0.42	10.45	261	4.5
ZZ85507		0.037	0.25	1.53	60	1.14	9.96	189	1.9
ZZ85508		0.042	0.25	1.22	56	1.11	9.18	183	1.8
ZZ85509		0.039	0.24	1.45	60	1.67	10.25	200	2.2
ZZ85510		0.028	0.24	1.26	44	0.18	9.19	147	5.1
ZZ85511		0.045	0.28	1.66	69	0.14	11.75	238	9.9
ZZ85512		0.040	0.31	1.69	76	0.15	12.25	266	5.2
ZZ85513		0.041	0.28	1.07	47	0.62	8.96	163	3.7
ZZ85514		0.031	0.24	1.55	54	0.23	10.60	175	4.1
ZZ85515		0.033	0.23	2.16	54	0.35	10.20	167	3.0
ZZ85516		0.032	0.26	2.65	56	0.23	10.55	198	3.9
ZZ85517		0.045	0.27	1.27	61	2.42	9.56	221	2.3
ZZ85518		0.041	0.32	3.56	57	2.43	9.63	248	2.7
ZZ85519		0.034	0.30	2.73	56	2.92	8.77	233	3.0
ZZ85520		0.050	0.57	4.17	77	2.85	11.10	361	2.8
ZZ85521		0.040	0.35	2.35	55	1.50	9.63	253	2.9
ZZ85522		0.031	0.21	1.79	56	0.97	9.32	186	1.8
ZZ85523		0.041	0.29	1.26	71	0.75	11.45	212	2.0
ZZ85524		0.032	0.23	1.33	49	1.16	7.60	168	1.6
ZZ85525		0.034	0.24	0.98	53	1.36	9.30	184	2.1
ZZ85526		0.036	0.24	1.44	56	1.78	9.56	185	2.1
ZZ85527		0.034	0.25	1.30	57	0.77	9.29	206	2.0
ZZ85528		0.039	0.25	2.52	64	0.74	11.10	218	2.5
ZZ85529		0.042	0.29	1.47	65	1.17	10.55	189	1.8
ZZ85530		0.033	0.24	1.32	56	1.25	10.10	180	2.1
ZZ85531		0.034	0.25	1.25	57	0.92	9.88	189	2.1
ZZ85532		0.026	0.21	1.40	53	0.16	11.15	156	2.5
ZZ85533		0.024	0.14	1.16	42	0.26	9.84	125	1.7
ZZ85534		0.030	0.24	0.86	40	0.68	9.03	148	2.6
ZZ85535		0.022	0.14	1.34	39	0.73	8.97	123	2.0
ZZ85536		0.023	0.15	3.22	41	0.49	9.59	145	2.4
ZZ85537		0.015	0.14	6.55	36	0.11	9.33	146	2.8
ZZ85538		0.033	0.24	2.13	46	1.36	9.51	245	2.0
ZZ85539		0.026	0.25	3.74	36	0.73	7.60	159	2.6
ZZ85540		0.036	0.29	1.63	47	2.20	9.30	316	2.6
ZZ85541		0.038	0.33	1.30	43	3.90	9.32	249	2.2
ZZ85542		0.039	0.32	1.15	43	2.31	8.91	254	2.2
ZZ85543		0.032	0.29	2.44	45	1.35	8.47	277	2.1
ZZ85544		0.037	0.29	1.24	46	2.38	10.05	302	2.4
ZZ85545		0.034	0.24	1.09	52	2.43	9.59	247	2.5

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CERTIFICATE OF ANALYSIS WH13141816

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ85546		0.35	0.012	0.37	0.98	27.2	<0.2	<10	780	0.52	2.17	5.26	2.20	19.05	9.5	23
ZZ85547		0.32	0.006	0.27	0.90	32.9	<0.2	<10	320	0.44	1.26	2.67	1.43	20.3	10.9	20
ZZ85548		0.28	0.012	0.24	0.90	29.9	<0.2	<10	310	0.45	1.23	2.46	1.34	19.40	9.8	19
ZZ85549		0.34	0.008	0.36	1.31	44.9	<0.2	<10	380	0.67	1.72	1.69	1.34	29.7	12.8	26
ZZ85550		0.20	0.012	0.23	0.75	29.9	<0.2	<10	230	0.39	1.21	6.14	1.24	19.05	9.2	16
ZZ85551		0.29	0.092	0.37	1.10	30.7	<0.2	<10	510	0.59	1.98	4.29	3.33	19.85	10.3	25
ZZ85552		0.35	0.094	0.24	1.27	89.1	<0.2	<10	280	0.54	2.79	2.91	0.90	33.5	12.7	19
ZZ85553		0.40	0.027	0.27	1.52	114.5	<0.2	<10	350	0.69	1.97	3.23	0.83	42.5	17.1	20
ZZ85554		0.16	0.010	0.32	1.24	85.9	<0.2	<10	300	0.64	1.66	0.97	0.55	30.5	13.3	21
ZZ85555		0.27	0.021	0.42	1.22	38.9	<0.2	<10	520	0.63	2.14	1.80	2.17	21.1	13.7	27
ZZ85556		0.12	0.012	0.46	1.55	39.4	<0.2	<10	530	0.70	1.97	2.41	1.79	27.3	16.8	35
ZZ85557		0.24	0.010	0.38	0.83	17.2	<0.2	<10	540	0.38	0.79	3.49	2.00	12.55	8.1	19
ZZ85558		0.15	0.007	0.34	1.25	30.4	<0.2	<10	490	0.58	1.81	2.35	1.58	19.05	9.2	26
ZZ85559		0.18	0.011	0.38	1.32	28.4	<0.2	<10	400	0.60	1.84	2.18	1.23	20.9	10.4	29
ZZ85560		0.19	0.009	0.40	1.36	39.0	<0.2	<10	400	0.63	1.84	2.50	1.52	20.9	9.3	29
ZZ85561		0.20	0.011	0.42	1.30	23.7	<0.2	<10	420	0.63	1.88	2.74	1.92	20.6	9.5	27
ZZ85562		0.13	0.004	0.43	1.28	29.3	<0.2	<10	450	0.62	1.69	1.94	4.36	19.55	10.4	27
ZZ85563		0.23	0.011	0.44	1.42	32.9	<0.2	<10	460	0.68	1.80	1.47	1.05	22.9	11.7	30
ZZ85564		0.15	0.008	0.43	1.45	34.1	<0.2	<10	450	0.66	1.74	1.55	2.00	21.1	11.5	29
ZZ85565		0.13	0.008	0.33	1.18	26.1	<0.2	<10	480	0.52	1.38	1.95	1.89	16.95	8.7	24
ZZ85566		0.25	0.025	0.30	1.16	29.4	<0.2	<10	360	0.52	1.30	1.95	1.64	24.1	8.7	25
ZZ85567		0.22	0.016	0.45	1.39	65.2	<0.2	<10	470	0.66	1.96	2.02	1.64	26.7	14.8	28
ZZ85568		0.17	0.010	0.49	1.49	46.3	<0.2	<10	490	0.75	2.03	1.81	2.31	25.5	13.7	31
ZZ85569		0.14	0.008	0.40	1.32	32.2	<0.2	<10	400	0.58	1.67	1.95	1.84	22.4	12.2	29
ZZ85570		0.26	0.010	0.43	1.49	36.7	<0.2	<10	510	0.73	1.51	1.35	1.57	24.7	12.7	32
ZZ85571		0.21	0.013	0.33	1.23	35.7	<0.2	<10	350	0.53	1.58	1.53	1.29	24.6	11.3	27
ZZ85572		0.14	0.014	0.32	1.19	34.2	<0.2	<10	590	0.56	1.31	2.28	1.35	18.50	10.6	22
ZZ85573		0.14	0.012	0.36	1.15	32.1	<0.2	<10	570	0.54	1.40	2.25	1.15	20.2	10.3	22
ZZ85574		0.20	0.012	0.31	0.98	29.7	<0.2	<10	390	0.45	1.25	2.91	1.07	21.6	9.1	21
ZZ85575		0.27	0.011	0.39	1.42	37.3	<0.2	<10	350	0.68	1.71	2.07	1.36	28.7	11.4	28
ZZ85576		0.28	0.008	0.37	1.16	27.0	<0.2	<10	610	0.64	1.92	3.96	1.91	24.2	11.1	26
ZZ85577		0.24	0.008	0.38	1.13	29.4	<0.2	<10	690	0.64	1.47	4.02	2.18	25.5	12.6	25
ZZ85578		0.22	0.015	0.38	1.15	39.0	<0.2	<10	520	0.65	2.15	2.88	3.12	22.2	13.7	25
ZZ85579		0.35	0.013	0.43	1.24	36.1	<0.2	<10	540	0.72	1.81	3.18	2.66	26.3	12.9	28
ZZ85580		0.23	0.008	0.33	1.04	27.5	<0.2	<10	510	0.55	1.29	3.74	2.11	23.4	11.6	24
ZZ85581		0.21	0.011	0.35	0.92	27.1	<0.2	<10	350	0.40	1.97	2.53	1.12	25.0	10.5	22
ZZ85582		0.36	0.009	0.42	1.17	30.4	<0.2	<10	740	0.65	2.44	5.71	2.29	23.4	10.4	27
ZZ85583		0.32	0.013	0.27	0.92	28.6	<0.2	<10	780	0.56	2.39	8.72	2.28	17.00	9.5	21
ZZ85584		0.55	0.028	0.41	1.06	39.0	<0.2	<10	520	0.47	3.38	4.65	2.27	23.6	9.9	25
ZZ85585		0.19	0.012	0.54	1.27	14.3	<0.2	<10	360	0.59	2.04	0.97	3.73	26.9	10.6	27

***** 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: 24-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141816

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ85546		1.79	34.3	2.41	3.07	0.06	0.06	0.07	0.031	0.07	10.1	11.9	3.06	717	6.60	0.01
ZZ85547		1.01	36.6	2.39	3.09	<0.05	0.06	0.06	0.032	0.08	10.9	10.6	1.52	835	3.08	0.02
ZZ85548		1.02	32.8	2.37	2.74	0.05	0.05	0.05	0.026	0.07	10.0	10.9	1.52	732	2.81	<0.01
ZZ85549		1.39	47.6	3.12	4.09	0.07	0.07	0.08	0.037	0.12	15.6	15.9	1.06	345	4.29	<0.01
ZZ85550		0.93	34.0	2.24	2.37	0.06	0.06	0.06	0.027	0.06	9.9	9.7	2.89	435	3.52	<0.01
ZZ85551		2.80	34.5	2.49	3.46	0.06	0.05	0.07	0.037	0.10	10.4	14.6	2.76	567	3.95	<0.01
ZZ85552		1.72	54.3	3.50	3.76	0.07	0.12	0.05	0.033	0.25	17.6	11.6	1.39	502	3.31	<0.01
ZZ85553		1.87	72.2	4.21	4.44	0.09	0.06	0.05	0.040	0.32	22.6	12.1	1.37	602	3.93	<0.01
ZZ85554		0.86	53.1	3.49	3.73	0.06	0.05	0.07	0.036	0.09	16.5	12.7	0.77	417	3.42	<0.01
ZZ85555		1.73	53.4	2.65	3.65	0.05	0.06	0.09	0.043	0.11	11.4	12.9	0.81	758	3.76	<0.01
ZZ85556		1.96	62.4	3.35	4.89	0.07	0.07	0.08	0.052	0.16	14.6	16.4	1.61	614	5.15	0.01
ZZ85557		0.97	39.8	1.68	2.46	0.05	0.07	0.07	0.025	0.08	6.5	7.4	0.74	388	2.39	<0.01
ZZ85558		1.94	34.8	2.40	3.83	0.06	0.06	0.06	0.048	0.10	10.3	13.8	1.26	364	3.76	<0.01
ZZ85559		1.95	39.3	2.51	3.95	0.06	0.05	0.06	0.044	0.13	11.1	14.5	1.40	259	2.54	0.01
ZZ85560		2.07	42.9	2.75	4.06	0.05	0.05	0.08	0.048	0.13	11.2	15.0	1.58	194	3.69	0.01
ZZ85561		1.94	44.5	2.29	3.85	0.06	0.05	0.08	0.042	0.11	11.0	14.0	1.63	289	2.79	0.01
ZZ85562		1.78	39.9	2.49	3.88	0.05	0.05	0.07	0.042	0.11	10.4	13.6	0.85	461	2.49	<0.01
ZZ85563		1.55	48.0	2.76	4.30	0.06	0.05	0.07	0.046	0.11	12.4	15.8	0.80	511	3.52	<0.01
ZZ85564		2.04	39.2	2.73	4.29	0.05	0.05	0.07	0.048	0.13	11.2	15.4	0.87	564	4.20	<0.01
ZZ85565		1.71	38.4	2.49	3.64	0.05	0.05	0.07	0.037	0.10	9.0	12.4	0.72	277	2.95	<0.01
ZZ85566		1.49	34.0	2.41	3.62	0.06	0.05	0.05	0.037	0.10	12.7	12.4	1.30	293	3.29	<0.01
ZZ85567		1.54	63.1	3.61	4.01	0.07	0.06	0.06	0.043	0.15	14.4	13.0	1.14	740	6.04	<0.01
ZZ85568		1.96	59.0	3.09	4.61	0.06	0.07	0.10	0.053	0.15	13.8	16.0	1.01	563	4.18	<0.01
ZZ85569		1.58	38.0	2.78	4.05	0.06	0.06	0.08	0.041	0.12	11.9	14.1	1.10	813	3.42	<0.01
ZZ85570		1.43	58.8	2.92	4.63	0.05	0.05	0.07	0.040	0.10	13.3	15.8	0.69	565	3.53	0.02
ZZ85571		1.40	39.2	2.62	3.77	0.05	0.05	0.06	0.035	0.10	12.9	13.2	0.89	188	2.89	0.02
ZZ85572		1.04	53.1	2.59	3.45	0.05	0.05	0.08	0.030	0.09	9.9	12.0	0.59	412	2.90	0.01
ZZ85573		1.04	37.8	2.60	3.37	0.05	0.04	0.06	0.033	0.10	10.6	12.4	0.74	583	2.35	0.02
ZZ85574		1.17	36.5	2.29	3.11	0.05	0.04	0.05	0.031	0.09	11.2	12.1	1.46	250	2.74	0.02
ZZ85575		1.82	51.7	2.97	4.51	0.06	0.07	0.07	0.040	0.14	15.1	17.5	1.48	291	3.56	0.02
ZZ85576		2.00	39.1	2.48	3.68	0.07	0.06	0.08	0.038	0.07	13.1	14.9	2.83	268	4.46	0.02
ZZ85577		2.07	41.9	2.78	3.69	0.07	0.06	0.07	0.040	0.08	13.6	15.3	2.65	625	4.96	0.02
ZZ85578		1.90	41.8	2.89	3.59	0.06	0.05	0.06	0.038	0.06	11.9	14.6	2.05	643	5.37	0.02
ZZ85579		2.64	47.8	2.95	3.93	0.06	0.06	0.07	0.043	0.10	14.0	16.3	2.40	488	5.64	0.02
ZZ85580		1.86	38.5	2.64	3.29	0.06	0.06	0.06	0.036	0.07	12.3	13.7	2.47	347	4.26	0.02
ZZ85581		1.25	37.1	2.32	3.00	0.10	0.04	0.05	0.039	0.09	13.4	11.0	1.38	479	3.29	0.01
ZZ85582		3.36	46.2	2.60	3.95	0.11	0.04	0.07	0.040	0.11	13.0	16.1	3.70	444	6.05	0.02
ZZ85583		2.82	31.6	2.22	3.04	0.09	0.03	0.06	0.030	0.08	9.2	12.4	4.24	516	3.81	0.02
ZZ85584		2.20	40.8	2.90	3.51	0.10	0.09	0.06	0.037	0.09	12.8	12.0	2.97	471	8.16	0.02
ZZ85585		1.46	60.7	1.76	3.94	0.07	0.06	0.12	0.046	0.08	14.3	14.3	0.59	129	2.85	0.01

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

Finalized Date: 24-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141816

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ85546		0.86	51.9	1030	21.1	9.8	0.002	0.01	2.17	2.7	1.3	0.9	59.7	<0.01	0.04	2.8
ZZ85547		0.81	41.0	920	18.9	8.5	0.002	0.02	1.59	2.8	1.7	0.7	35.9	<0.01	0.04	2.3
ZZ85548		0.76	37.1	890	18.4	8.0	0.001	0.01	1.58	2.4	1.2	0.7	31.3	<0.01	0.02	2.2
ZZ85549		1.15	46.3	1150	25.7	14.4	0.002	0.01	1.97	3.7	1.3	0.9	34.0	<0.01	0.07	3.1
ZZ85550		0.67	35.3	980	19.0	8.6	0.001	<0.01	1.90	2.3	1.1	1.1	70.6	<0.01	0.03	2.5
ZZ85551		0.96	51.8	910	27.5	22.8	0.004	0.04	1.99	2.7	2.0	1.0	45.0	<0.01	0.05	2.0
ZZ85552		1.71	39.4	1320	18.2	20.8	<0.001	<0.01	1.74	3.2	1.1	0.8	49.2	<0.01	0.05	4.8
ZZ85553		1.59	46.6	1600	17.4	23.3	0.001	<0.01	2.07	3.7	1.0	1.0	49.7	<0.01	0.06	5.5
ZZ85554		1.21	46.0	1020	24.9	9.4	<0.001	<0.01	1.82	3.6	0.8	0.9	23.2	<0.01	0.06	3.1
ZZ85555		1.07	54.4	890	34.4	12.3	0.005	0.06	2.76	2.8	2.0	1.4	35.6	<0.01	0.05	1.7
ZZ85556		1.52	61.6	1270	33.2	16.8	0.001	0.02	2.62	3.9	2.0	1.5	45.6	<0.01	0.07	2.8
ZZ85557		0.74	40.8	1060	15.1	8.1	0.001	0.10	1.82	1.5	1.4	0.6	54.9	<0.01	0.02	0.7
ZZ85558		1.01	41.9	770	35.5	16.0	0.002	0.04	2.24	2.5	1.3	1.5	36.5	<0.01	0.06	1.6
ZZ85559		1.12	44.3	930	32.7	16.6	0.002	0.05	2.07	3.0	1.5	1.4	34.9	<0.01	0.05	2.1
ZZ85560		1.05	44.7	970	37.7	17.6	0.002	0.03	2.21	2.9	1.5	1.5	38.2	<0.01	0.05	2.1
ZZ85561		1.03	45.1	900	34.5	14.3	0.002	0.04	2.20	2.8	1.6	1.3	39.1	<0.01	0.05	1.8
ZZ85562		1.03	47.0	940	31.1	16.1	0.002	0.05	2.04	2.6	1.4	1.3	38.4	<0.01	0.05	1.4
ZZ85563		1.06	48.0	990	34.5	13.3	0.001	0.03	2.34	2.9	1.8	1.5	34.1	<0.01	0.06	1.7
ZZ85564		1.02	49.8	1020	35.1	17.0	0.002	0.04	2.47	2.8	1.6	1.6	34.2	<0.01	0.06	1.7
ZZ85565		0.92	41.0	960	27.8	12.8	0.004	0.08	2.12	2.2	1.5	1.2	39.3	<0.01	0.05	1.2
ZZ85566		0.99	40.7	1080	25.6	11.3	0.001	0.01	1.97	2.6	1.2	1.1	31.9	<0.01	0.04	2.4
ZZ85567		1.33	63.3	1370	26.3	15.6	0.001	0.03	2.57	3.1	1.7	1.3	39.4	<0.01	0.06	2.2
ZZ85568		1.22	60.3	1060	37.0	17.8	0.002	0.03	2.59	3.5	1.7	1.5	38.3	<0.01	0.06	2.2
ZZ85569		1.04	47.7	1070	27.0	15.8	0.002	0.03	1.87	3.0	1.3	1.1	36.0	<0.01	0.05	1.9
ZZ85570		1.02	57.2	990	26.3	12.6	0.001	0.06	2.10	3.3	1.6	1.0	32.6	<0.01	0.07	1.4
ZZ85571		1.00	42.9	1000	26.5	12.7	0.001	0.06	1.86	3.0	1.2	1.0	31.3	<0.01	0.05	2.1
ZZ85572		0.91	45.1	910	19.6	17.6	<0.001	0.10	2.44	2.3	1.5	0.8	40.3	<0.01	0.04	0.9
ZZ85573		0.89	36.9	990	20.4	10.9	0.001	0.09	1.75	2.3	1.6	0.8	46.2	<0.01	0.04	1.1
ZZ85574		0.94	38.0	1020	18.1	11.3	0.004	0.08	1.76	2.5	1.8	0.7	45.8	<0.01	0.04	1.6
ZZ85575		1.16	51.8	1030	24.3	17.5	0.001	0.05	2.19	4.2	1.0	1.0	37.1	<0.01	0.06	3.6
ZZ85576		1.00	52.0	980	26.3	11.2	0.002	0.05	1.87	3.2	2.4	0.9	43.7	<0.01	0.06	2.9
ZZ85577		0.97	55.6	960	27.1	12.0	0.002	0.04	2.14	3.4	2.0	1.1	48.6	<0.01	0.06	3.4
ZZ85578		0.87	67.0	990	28.5	10.3	0.005	0.05	2.06	3.0	1.7	1.0	38.3	<0.01	0.04	2.3
ZZ85579		0.97	61.1	980	28.9	17.6	0.001	0.04	2.22	3.8	1.9	0.9	38.1	<0.01	0.05	3.4
ZZ85580		0.92	51.4	960	25.8	11.5	0.003	0.05	2.01	3.2	2.5	0.7	44.2	<0.01	0.06	3.0
ZZ85581		0.74	35.3	1080	24.3	10.3	0.003	0.04	1.54	2.8	1.5	0.6	38.2	<0.01	0.05	2.1
ZZ85582		0.92	66.5	870	28.5	19.5	0.005	0.06	1.93	3.6	2.0	0.9	67.2	<0.01	0.05	2.4
ZZ85583		0.77	63.9	770	21.7	14.6	0.001	0.05	1.51	2.4	1.6	0.8	75.9	<0.01	0.03	1.6
ZZ85584		0.95	54.6	1010	23.4	14.3	0.002	0.02	2.07	3.4	1.6	0.8	47.5	<0.01	0.04	3.4
ZZ85585		1.37	69.0	980	20.3	12.1	0.014	0.14	2.21	3.8	4.2	1.1	34.0	<0.01	0.07	3.0

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CERTIFICATE OF ANALYSIS WH13141816

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
ZZ85546		0.036	0.28	1.17	50	2.73	8.42	222	2.8
ZZ85547		0.027	0.19	0.80	38	1.00	8.53	147	2.1
ZZ85548		0.026	0.17	0.74	35	0.67	7.36	135	2.0
ZZ85549		0.032	0.24	1.15	48	1.97	10.50	180	2.8
ZZ85550		0.025	0.21	0.80	33	1.94	7.69	124	2.4
ZZ85551		0.035	0.35	1.66	46	1.89	8.66	320	1.9
ZZ85552		0.031	0.22	1.17	35	0.20	8.38	111	5.4
ZZ85553		0.033	0.24	1.31	42	0.23	10.35	119	3.4
ZZ85554		0.026	0.20	0.85	42	0.39	10.55	125	1.8
ZZ85555		0.029	0.30	1.64	58	1.68	9.96	190	2.7
ZZ85556		0.045	0.34	1.23	68	1.59	11.35	217	2.5
ZZ85557		0.020	0.16	3.08	35	0.52	5.71	144	2.7
ZZ85558		0.031	0.28	1.19	57	1.84	7.12	200	1.9
ZZ85559		0.037	0.32	1.23	57	1.48	8.61	198	2.2
ZZ85560		0.034	0.33	1.13	57	2.11	8.74	212	2.2
ZZ85561		0.033	0.33	1.19	58	1.58	9.38	207	2.2
ZZ85562		0.032	0.27	1.34	56	1.42	8.23	276	1.8
ZZ85563		0.034	0.27	1.31	62	1.69	9.81	190	2.0
ZZ85564		0.033	0.34	1.69	62	1.41	8.41	252	2.1
ZZ85565		0.026	0.29	2.21	54	1.16	6.95	210	1.9
ZZ85566		0.033	0.24	0.90	52	1.46	8.05	184	1.9
ZZ85567		0.033	0.28	1.40	57	0.90	10.70	201	2.2
ZZ85568		0.034	0.35	1.52	64	1.36	11.10	238	2.6
ZZ85569		0.034	0.25	0.93	54	1.17	8.67	217	1.9
ZZ85570		0.029	0.19	1.89	56	0.83	10.55	158	1.6
ZZ85571		0.032	0.21	1.22	51	1.95	8.90	170	1.9
ZZ85572		0.021	0.18	2.07	40	0.79	8.41	129	1.9
ZZ85573		0.024	0.17	2.93	41	0.84	8.02	144	1.7
ZZ85574		0.028	0.20	3.35	38	0.85	7.68	144	1.8
ZZ85575		0.035	0.30	0.94	50	0.94	10.00	200	2.9
ZZ85576		0.038	0.29	1.02	49	2.39	10.00	282	2.6
ZZ85577		0.037	0.31	0.96	46	1.99	10.00	244	2.6
ZZ85578		0.032	0.30	1.14	47	3.66	10.05	294	2.1
ZZ85579		0.039	0.38	0.98	49	2.26	10.60	291	2.6
ZZ85580		0.035	0.28	1.40	44	1.95	9.54	225	2.7
ZZ85581		0.031	0.18	1.17	43	1.30	8.90	157	1.6
ZZ85582		0.040	0.34	1.73	49	2.88	9.81	304	1.5
ZZ85583		0.033	0.30	0.97	40	7.80	7.20	354	1.4
ZZ85584		0.044	0.32	0.76	49	7.74	9.35	272	4.2
ZZ85585		0.029	0.38	7.07	47	0.52	11.15	452	3.1

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

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

Finalized Date: 24-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141816

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ85586		0.23	0.010	0.35	1.00	19.9	<0.2	<10	220	0.43	1.60	2.32	3.26	22.1	8.5	22
ZZ85587		0.19	0.016	0.38	0.70	35.0	<0.2	<10	240	0.42	1.25	2.02	4.23	17.35	10.9	13
ZZ85588		0.21	0.019	0.33	0.60	58.1	<0.2	<10	280	0.32	0.84	2.64	5.74	12.25	5.8	11
ZZ85589		0.44	0.010	0.27	0.95	21.3	<0.2	<10	390	0.46	1.17	5.03	1.14	25.2	9.2	19
ZZ85590		0.37	0.002	0.22	2.26	26.4	<0.2	<10	500	1.32	0.77	1.25	2.27	36.4	17.7	41
ZZ85591		0.42	0.019	0.40	1.05	67.3	<0.2	<10	250	0.46	1.39	3.83	1.13	25.4	11.8	19
ZZ85592		0.40	0.050	0.60	1.17	103.0	<0.2	<10	260	0.58	1.37	3.15	1.78	27.4	13.0	20
ZZ85593		0.29	0.069	0.40	0.80	53.7	<0.2	<10	240	0.40	1.59	1.50	4.55	24.4	8.6	15
ZZ85594		0.41	0.010	0.42	1.19	62.7	<0.2	<10	400	0.57	1.54	1.92	1.73	33.1	13.4	21
ZZ85595		0.27	0.011	0.41	1.14	63.2	<0.2	<10	360	0.61	1.91	1.72	3.12	28.9	13.1	19
ZZ85596		0.27	0.013	0.69	1.03	58.1	<0.2	<10	340	0.61	3.93	1.63	6.18	27.0	13.3	20
ZZ85597		0.38	0.011	0.37	1.18	72.4	<0.2	<10	370	0.62	1.79	1.72	1.15	31.7	14.3	20
ZZ85598		0.29	0.031	0.36	1.15	77.9	<0.2	<10	340	0.60	1.90	0.64	1.78	33.5	13.2	20
ZZ85599		0.10	0.004	0.36	0.59	24.4	<0.2	<10	520	0.31	1.03	3.11	10.10	11.50	7.7	14
ZZ85600		0.12	0.007	0.48	0.92	39.0	<0.2	<10	390	0.45	1.94	2.22	3.60	17.65	7.1	22
ZZ85601		0.28	0.064	0.66	1.22	71.7	<0.2	<10	430	0.67	2.51	0.69	1.96	32.7	14.9	24
ZZ85602		0.09	0.004	0.35	0.70	26.5	<0.2	<10	310	0.35	1.23	2.88	10.75	11.90	9.1	17
ZZ85603		0.28	0.019	0.69	1.38	59.0	<0.2	<10	120	0.40	1.77	0.03	0.86	24.8	6.5	25
ZZ85604		0.47	0.022	0.40	1.01	64.0	<0.2	<10	270	0.49	1.26	5.09	1.76	29.2	12.2	17
ZZ85605		0.28	0.013	0.81	1.12	52.7	<0.2	<10	290	0.55	1.85	1.46	12.85	22.7	12.3	25
ZZ85606		0.17	0.010	0.62	0.91	53.1	<0.2	<10	290	0.32	1.43	1.49	6.28	21.9	10.7	22
ZZ85607		0.35	0.013	0.74	0.99	55.1	<0.2	<10	380	0.54	1.76	1.69	8.81	25.3	12.3	24
ZZ85608		0.38	0.006	0.13	1.66	38.4	<0.2	<10	260	0.41	1.23	0.16	0.81	31.7	8.4	25
ZZ85609		0.32	0.007	0.30	1.65	46.5	<0.2	<10	550	0.63	1.01	0.72	0.58	32.1	12.1	27
ZZ85610		0.33	0.013	0.32	1.50	80.9	<0.2	<10	390	0.61	2.01	1.13	0.74	36.1	13.9	24
ZZ85611		0.14	0.016	0.29	0.99	62.7	<0.2	<10	280	0.40	1.79	2.11	5.75	21.8	10.4	17
ZZ85612		0.10	0.006	0.27	0.74	39.6	<0.2	<10	260	0.28	1.27	2.79	23.0	13.85	15.3	13
ZZ85613		0.15	0.020	0.41	0.78	51.1	<0.2	<10	270	0.30	1.11	1.98	2.81	18.30	9.2	16
ZZ85614		0.22	0.016	0.31	0.75	73.0	<0.2	<10	250	0.32	1.28	1.18	6.06	24.7	13.8	15
ZZ85615		0.13	0.014	0.38	0.92	53.8	<0.2	<10	300	0.42	1.04	2.08	3.38	20.9	9.2	17
ZZ85616		0.25	0.036	0.29	1.46	72.9	<0.2	<10	340	0.55	1.55	1.26	1.21	28.4	13.2	22
ZZ85617		0.18	0.017	0.40	1.11	51.3	<0.2	<10	330	0.46	1.28	2.13	3.83	24.1	9.6	19
ZZ85618		0.13	0.015	0.35	0.96	46.0	<0.2	<10	300	0.39	1.35	1.94	4.37	23.7	12.9	17
ZZ85619		0.11	0.009	0.40	1.09	8.4	<0.2	<10	290	0.45	1.28	1.71	2.29	26.3	5.5	19
ZZ85620		0.13	0.010	0.42	1.24	22.3	<0.2	<10	310	0.52	1.51	1.44	4.39	24.9	7.9	23
ZZ85621		0.11	0.009	0.32	0.96	54.4	<0.2	<10	390	0.37	1.35	1.62	4.16	18.00	10.7	19
ZZ85622		0.17	0.009	0.39	1.07	54.0	<0.2	<10	330	0.43	1.58	1.50	2.63	24.6	9.9	22
ZZ85623		0.30	0.009	0.45	1.31	28.6	<0.2	<10	380	0.51	1.90	1.59	3.13	26.1	12.2	28
ZZ85624		0.11	0.010	0.37	1.16	43.8	<0.2	<10	630	0.47	1.39	1.02	2.81	24.8	13.1	22
ZZ85625		0.18	0.013	0.27	0.86	33.4	<0.2	<10	240	0.35	1.05	1.51	2.63	26.8	9.0	16

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

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Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141816

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ85586		1.52	41.6	1.43	3.20	0.06	0.04	0.07	0.031	0.07	11.6	12.1	1.39	227	2.42	0.01
ZZ85587		0.87	51.2	1.99	2.15	0.06	0.06	0.08	0.027	0.05	9.1	7.8	0.53	101	11.75	0.01
ZZ85588		0.66	46.3	2.45	1.74	0.06	0.05	0.07	0.020	0.05	6.4	5.8	0.50	85	7.46	0.01
ZZ85589		1.37	36.7	2.21	2.97	<0.05	0.16	0.05	0.032	0.10	13.2	12.5	2.13	418	2.23	0.01
ZZ85590		4.85	37.6	4.18	7.37	0.10	0.08	0.02	0.029	0.47	19.4	23.3	1.60	784	4.17	0.01
ZZ85591		1.58	53.5	3.35	3.27	0.06	0.05	0.08	0.037	0.10	13.8	11.1	2.50	450	4.44	0.02
ZZ85592		1.66	71.1	3.90	3.67	0.07	0.05	0.07	0.036	0.10	15.5	11.5	2.29	503	6.12	0.02
ZZ85593		0.85	38.0	2.55	2.52	0.06	0.03	0.09	0.032	0.05	12.8	8.1	0.50	417	7.94	0.01
ZZ85594		1.12	55.3	3.34	3.64	0.06	0.07	0.07	0.038	0.12	17.4	12.6	1.31	519	9.90	0.01
ZZ85595		0.88	55.2	3.13	3.52	0.06	0.05	0.10	0.039	0.09	15.3	11.4	0.88	630	9.78	0.01
ZZ85596		1.01	65.0	3.06	3.13	0.07	0.05	0.34	0.036	0.10	14.8	10.1	0.74	333	14.35	0.01
ZZ85597		0.90	57.0	3.33	3.74	0.07	0.05	0.08	0.041	0.10	16.6	12.2	1.23	518	7.40	0.01
ZZ85598		0.97	63.8	3.42	3.58	0.07	0.05	0.08	0.044	0.09	18.2	10.7	0.56	439	5.75	0.01
ZZ85599		0.74	41.7	1.35	1.85	0.05	0.03	0.10	0.022	0.04	6.0	5.8	0.48	2120	14.85	0.01
ZZ85600		1.18	47.7	2.33	2.83	0.07	0.04	0.13	0.035	0.06	9.4	9.6	0.58	315	12.30	0.01
ZZ85601		0.96	81.1	3.47	3.76	0.07	0.05	0.10	0.073	0.08	17.8	12.0	0.53	745	9.98	0.01
ZZ85602		1.00	63.4	1.83	2.21	0.05	0.04	0.08	0.024	0.05	6.3	7.2	0.48	1000	2.98	0.01
ZZ85603		1.22	24.8	3.44	5.57	<0.05	0.02	0.04	0.053	0.04	13.4	13.1	0.26	156	6.70	0.01
ZZ85604		0.93	52.5	3.00	3.07	0.06	0.08	0.07	0.034	0.12	15.5	11.0	2.07	561	4.67	0.01
ZZ85605		1.26	72.2	2.86	3.37	0.07	0.04	0.11	0.038	0.06	12.2	11.6	0.54	286	8.79	0.01
ZZ85606		1.14	53.3	3.40	2.87	0.10	0.04	0.13	0.042	0.06	11.5	9.1	0.45	360	12.20	0.01
ZZ85607		1.08	94.7	2.88	3.02	0.08	0.05	0.24	0.045	0.08	14.1	10.2	0.72	561	17.95	0.01
ZZ85608		1.18	23.9	3.02	5.75	0.07	0.03	0.05	0.045	0.05	16.3	14.1	0.32	256	5.75	0.01
ZZ85609		0.96	39.6	3.36	5.11	0.07	0.06	0.06	0.038	0.08	17.4	15.1	0.69	540	2.79	0.01
ZZ85610		1.05	59.0	4.00	4.55	0.09	0.07	0.09	0.045	0.12	20.5	14.0	0.84	563	3.88	0.01
ZZ85611		0.74	45.7	2.88	2.96	0.08	0.05	0.07	0.043	0.08	11.7	9.3	0.65	423	8.28	0.01
ZZ85612		0.66	40.0	2.20	2.15	0.10	0.03	0.07	0.030	0.05	7.1	5.8	0.53	1120	12.90	0.01
ZZ85613		0.79	42.5	2.39	2.36	0.07	0.04	0.08	0.027	0.06	9.8	7.4	0.47	677	4.47	0.01
ZZ85614		0.80	39.7	3.24	2.35	0.09	0.03	0.06	0.032	0.06	13.2	7.8	0.44	724	9.75	0.01
ZZ85615		0.71	50.5	2.61	2.35	0.05	0.03	0.08	0.028	0.08	11.2	8.3	0.51	467	3.63	0.01
ZZ85616		2.31	47.5	3.52	4.45	0.08	0.04	0.06	0.033	0.15	15.5	14.8	0.92	559	3.75	0.01
ZZ85617		1.62	65.1	2.87	3.46	0.09	0.05	0.09	0.031	0.11	14.5	10.0	0.63	335	5.01	0.01
ZZ85618		1.17	47.3	2.76	2.96	0.07	0.05	0.07	0.030	0.09	12.7	9.3	0.57	532	2.98	0.01
ZZ85619		0.96	45.3	1.07	3.38	0.06	0.06	0.08	0.029	0.08	13.9	11.2	0.58	91	1.38	0.01
ZZ85620		1.33	59.7	2.20	3.68	0.07	0.08	0.09	0.036	0.10	13.0	13.0	0.60	310	1.55	0.01
ZZ85621		1.10	49.7	3.37	2.91	0.08	0.08	0.08	0.028	0.08	9.4	8.6	0.45	463	3.76	0.01
ZZ85622		1.24	46.3	3.50	3.40	0.09	0.08	0.08	0.037	0.08	13.0	11.5	0.68	312	8.78	0.01
ZZ85623		1.59	54.5	2.74	4.20	0.08	0.09	0.09	0.040	0.12	13.5	14.8	0.89	446	5.06	0.01
ZZ85624		1.22	49.3	2.18	3.56	0.07	0.07	0.10	0.035	0.09	12.9	12.6	0.45	548	6.23	0.01
ZZ85625		0.93	39.6	2.18	2.59	0.07	0.05	0.06	0.024	0.07	13.9	9.1	0.58	391	1.97	0.01

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	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ85586		1.06	93.6	1000	16.7	12.3	0.008	0.10	1.65	2.8	2.8	0.7	39.5	<0.01	0.05	2.2
ZZ85587		1.00	76.1	920	14.0	8.6	0.041	0.39	2.49	2.1	6.4	0.5	55.4	<0.01	0.04	1.5
ZZ85588		0.87	46.8	900	10.1	6.1	0.045	0.46	2.12	1.5	6.3	0.4	64.3	<0.01	0.04	0.9
ZZ85589		0.71	35.4	1000	17.3	11.9	0.001	0.03	1.64	3.1	0.6	0.6	67.8	<0.01	0.07	4.0
ZZ85590		1.48	63.8	1100	13.2	59.8	0.001	0.06	1.18	4.7	1.7	1.3	36.2	<0.01	0.04	6.1
ZZ85591		1.72	47.0	1320	18.0	14.0	<0.001	0.05	2.31	3.4	1.6	1.2	52.6	<0.01	0.06	3.3
ZZ85592		2.17	92.5	1330	19.1	14.0	0.002	0.04	2.53	4.0	1.8	0.8	40.7	<0.01	0.08	4.1
ZZ85593		1.06	61.9	1260	14.4	7.7	0.012	0.09	1.86	1.9	4.2	0.6	40.2	<0.01	0.05	1.3
ZZ85594		1.09	53.8	1230	20.6	12.0	0.004	0.04	2.32	3.8	1.9	0.7	34.4	<0.01	0.07	4.2
ZZ85595		1.32	57.8	1240	20.3	10.3	0.007	0.07	2.39	3.1	2.5	0.7	41.9	<0.01	0.08	2.4
ZZ85596		1.28	118.0	1390	20.5	11.2	0.002	0.06	3.04	2.9	3.0	0.7	41.2	<0.01	0.08	2.2
ZZ85597		1.28	54.2	1260	18.1	10.0	<0.001	0.03	2.33	3.8	1.3	0.8	36.3	<0.01	0.07	3.9
ZZ85598		1.34	57.5	1430	19.2	9.8	<0.001	0.04	2.44	3.8	1.7	0.7	30.4	<0.01	0.07	4.2
ZZ85599		0.61	57.1	960	8.6	4.9	0.031	0.21	2.16	1.1	9.0	0.5	69.7	<0.01	0.04	0.5
ZZ85600		0.98	40.8	1050	16.1	8.9	0.028	0.17	2.38	2.4	10.8	0.7	57.3	<0.01	0.07	0.9
ZZ85601		1.14	77.7	1250	25.8	10.1	0.001	0.04	4.85	3.8	2.5	3.5	40.6	<0.01	0.10	3.4
ZZ85602		0.80	80.6	840	8.9	12.0	0.023	0.19	1.70	1.8	4.6	0.6	82.2	<0.01	0.04	0.7
ZZ85603		1.69	26.4	470	19.3	9.9	0.001	0.04	2.30	2.0	2.5	3.0	12.8	<0.01	0.07	2.6
ZZ85604		0.47	47.5	1200	19.1	9.1	0.001	0.03	2.57	3.2	1.0	0.6	86.8	<0.01	0.06	4.1
ZZ85605		1.06	86.6	1010	15.5	9.8	0.016	0.11	3.11	2.9	5.1	0.8	51.1	<0.01	0.07	1.3
ZZ85606		1.07	54.5	1130	16.7	9.4	0.012	0.09	2.76	2.5	8.5	0.9	45.4	<0.01	0.05	1.6
ZZ85607		0.95	98.4	1340	24.0	11.8	0.002	0.03	4.05	3.1	3.6	1.6	39.7	<0.01	0.09	1.9
ZZ85608		0.98	31.7	460	17.5	11.5	<0.001	<0.01	1.15	2.7	1.0	1.2	14.2	<0.01	0.05	3.9
ZZ85609		1.18	37.5	790	21.3	11.5	<0.001	0.01	1.42	4.4	1.0	0.8	22.5	<0.01	0.05	4.0
ZZ85610		1.32	47.4	820	22.3	12.8	<0.001	0.01	2.27	4.5	1.5	0.9	24.7	<0.01	0.06	4.1
ZZ85611		1.23	93.2	1010	15.0	9.6	0.003	0.06	2.74	2.4	5.6	1.0	41.8	<0.01	0.06	1.3
ZZ85612		0.89	147.0	990	10.7	7.2	0.025	0.13	1.83	1.4	15.9	0.5	45.7	<0.01	0.04	0.5
ZZ85613		0.95	45.5	1240	12.8	8.7	0.014	0.10	1.98	1.7	5.6	0.5	50.6	<0.01	0.05	1.0
ZZ85614		0.89	51.8	1280	14.3	8.5	0.008	0.04	2.15	1.8	4.9	0.5	38.0	<0.01	0.05	2.1
ZZ85615		1.20	45.5	1220	13.3	8.4	0.010	0.10	1.66	2.0	3.2	0.5	46.2	<0.01	0.05	1.1
ZZ85616		2.26	45.4	1060	16.6	23.2	0.002	0.05	1.41	3.1	2.0	1.0	30.8	<0.01	0.05	2.3
ZZ85617		1.68	50.5	1180	15.6	16.9	0.007	0.10	2.19	2.4	5.3	0.9	50.7	<0.01	0.05	1.4
ZZ85618		1.54	45.3	1170	14.5	14.2	0.007	0.10	1.67	2.3	4.0	0.7	46.8	<0.01	0.05	1.6
ZZ85619		1.48	32.5	1070	16.8	9.2	0.015	0.23	1.33	2.9	3.9	0.7	43.8	<0.01	0.04	2.0
ZZ85620		1.50	64.3	1100	19.2	12.1	0.012	0.17	2.06	3.5	4.3	0.7	40.4	<0.01	0.05	2.6
ZZ85621		1.22	90.8	1020	14.6	11.9	0.020	0.24	2.02	2.7	5.9	0.6	43.2	<0.01	0.04	2.0
ZZ85622		1.29	69.5	1210	19.0	11.1	0.017	0.17	2.15	3.3	4.0	0.8	36.6	<0.01	0.05	3.5
ZZ85623		1.35	76.7	1200	21.6	13.5	0.013	0.17	2.42	4.0	3.9	0.9	37.8	<0.01	0.05	3.6
ZZ85624		1.10	68.9	1070	17.4	9.2	0.011	0.16	1.91	3.3	3.7	0.7	34.3	<0.01	0.05	2.9
ZZ85625		1.01	43.0	1220	12.4	8.8	0.010	0.14	1.33	2.3	3.1	0.5	39.0	<0.01	0.03	2.6

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

Finalized Date: 24- AUG- 2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141816

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
ZZ85586		0.031	0.39	4.30	38	0.99	8.72	676	2.0
ZZ85587		0.018	0.27	32.2	27	0.26	8.15	292	3.1
ZZ85588		0.015	0.20	18.65	21	0.12	6.09	247	2.4
ZZ85589		0.033	0.22	1.60	32	0.49	8.27	119	7.2
ZZ85590		0.103	0.55	2.52	51	0.11	14.30	192	4.7
ZZ85591		0.040	0.24	1.49	41	0.56	10.25	150	2.5
ZZ85592		0.042	0.32	1.81	42	0.27	11.90	281	2.7
ZZ85593		0.017	0.29	6.59	31	0.25	8.63	447	1.4
ZZ85594		0.028	0.24	1.73	41	0.38	10.35	183	3.4
ZZ85595		0.024	0.22	3.15	37	0.24	10.65	251	2.1
ZZ85596		0.023	0.38	2.87	40	0.24	15.85	767	2.6
ZZ85597		0.032	0.24	1.05	41	0.32	10.75	143	2.5
ZZ85598		0.030	0.27	1.30	43	0.25	12.00	162	2.5
ZZ85599		0.014	0.24	11.05	22	0.08	7.59	397	1.3
ZZ85600		0.020	0.35	6.43	36	0.21	9.60	324	1.9
ZZ85601		0.025	0.28	2.02	55	0.48	12.80	239	2.3
ZZ85602		0.017	0.60	5.31	28	0.14	7.69	535	1.8
ZZ85603		0.024	0.35	0.74	77	0.42	2.29	117	0.8
ZZ85604		0.023	0.24	1.14	38	0.17	9.42	148	5.7
ZZ85605		0.023	0.29	5.15	43	0.24	12.15	505	1.6
ZZ85606		0.023	0.26	6.31	44	0.21	10.35	436	1.9
ZZ85607		0.021	0.30	3.64	53	0.37	16.85	528	2.1
ZZ85608		0.026	0.23	0.78	66	0.28	4.04	169	1.2
ZZ85609		0.029	0.17	0.84	56	0.27	10.40	114	2.0
ZZ85610		0.027	0.27	1.36	48	0.21	14.35	131	2.6
ZZ85611		0.022	0.20	4.92	36	0.24	8.31	1160	2.0
ZZ85612		0.015	0.20	14.60	28	0.28	6.03	1510	1.3
ZZ85613		0.018	0.20	5.33	31	0.20	7.59	355	1.6
ZZ85614		0.018	0.23	5.26	35	0.30	7.97	418	1.3
ZZ85615		0.021	0.16	2.88	34	0.19	7.98	291	1.3
ZZ85616		0.035	0.27	4.45	45	0.21	9.49	211	1.2
ZZ85617		0.025	0.28	9.71	38	0.18	10.05	265	2.0
ZZ85618		0.024	0.23	4.83	33	0.19	8.66	264	1.9
ZZ85619		0.027	0.20	4.15	36	0.16	9.00	221	2.7
ZZ85620		0.027	0.35	5.33	43	0.25	9.82	457	3.2
ZZ85621		0.022	0.31	7.75	34	0.19	7.54	419	3.5
ZZ85622		0.027	0.32	3.93	43	0.60	9.50	452	3.7
ZZ85623		0.031	0.37	4.71	51	0.47	10.00	467	3.8
ZZ85624		0.021	0.32	4.93	41	0.31	8.70	369	2.8
ZZ85625		0.023	0.19	2.95	31	0.35	7.84	268	2.0

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 24-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141816

Sample Description	Method	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ85626		0.17	0.007	0.39	1.04	74.4	<0.2	<10	320	0.40	1.07	1.94	2.94	20.9	14.7	19
ZZ85627		0.39	0.090	0.33	0.87	45.4	<0.2	<10	330	0.39	0.98	2.93	2.01	21.3	11.7	16
ZZ85628		0.14	0.017	0.30	0.90	47.9	<0.2	<10	270	0.39	1.06	1.67	2.03	22.5	8.7	16
ZZ85629		0.11	0.013	0.57	0.99	41.5	<0.2	<10	460	0.43	1.15	1.76	6.10	20.6	6.5	23
ZZ85630		0.19	0.010	0.30	1.00	71.0	<0.2	<10	240	0.39	1.30	2.44	1.22	25.7	11.7	17
ZZ85631		0.17	0.061	0.24	0.83	52.1	<0.2	<10	250	0.37	1.37	2.29	1.56	26.0	9.7	15
ZZ85632		0.19	0.012	0.27	0.95	66.5	<0.2	<10	270	0.42	1.12	2.40	0.74	26.0	12.9	17
ZZ85633		0.19	0.008	0.30	0.76	27.1	<0.2	<10	280	0.33	0.44	3.65	0.62	12.30	7.3	13
ZZ85634		0.28	0.021	0.47	0.92	69.8	<0.2	<10	350	0.44	1.65	1.58	0.50	31.4	15.5	16
ZZ85635		0.13	0.005	0.16	0.52	29.1	<0.2	<10	260	0.28	0.41	3.98	0.98	10.35	5.7	8
ZZ85636		0.42	0.030	0.28	1.01	96.2	<0.2	<10	300	0.39	1.37	5.13	1.01	28.4	13.5	17
ZZ85637		0.16	0.014	0.59	1.06	79.2	<0.2	<10	310	0.52	1.23	1.25	2.17	27.4	7.2	20
ZZ85638		0.22	0.010	0.54	0.97	70.7	<0.2	<10	370	0.43	9.36	2.57	0.61	18.70	10.1	16
ZZ85639		0.16	0.011	0.26	1.04	56.9	<0.2	<10	400	0.48	1.08	2.34	1.09	22.4	10.9	18
ZZ85640		0.36	0.014	0.24	1.21	70.4	<0.2	<10	270	0.44	1.95	1.41	0.69	28.2	10.9	20
ZZ85641		0.36	0.010	0.30	1.67	64.4	<0.2	<10	370	0.62	1.00	0.42	0.32	33.4	10.9	26
ZZ85642		0.40	0.018	0.31	1.43	70.5	<0.2	<10	350	0.51	1.62	1.36	0.72	30.5	13.6	22
ZZ85643		0.19	0.013	0.61	0.93	31.0	<0.2	<10	470	0.39	1.13	1.62	6.21	22.1	10.1	22
ZZ85644		0.21	0.008	0.58	1.08	24.2	<0.2	<10	450	0.40	1.54	1.97	2.76	19.35	8.8	22
ZZ85645		0.24	0.027	0.46	0.89	71.5	<0.2	<10	340	0.39	2.48	1.84	3.11	17.70	10.2	17
ZZ85646		0.26	0.010	0.62	1.12	80.9	<0.2	<10	380	0.49	2.12	1.61	8.49	23.8	13.3	27
ZZ85647		0.17	0.007	0.36	0.89	24.7	<0.2	<10	270	0.32	1.96	2.43	2.78	16.00	7.6	17
ZZ85648		0.11	0.007	0.33	0.82	41.7	<0.2	<10	310	0.31	1.65	2.86	2.66	14.15	7.8	15
ZZ85649		0.13	0.007	0.38	0.69	38.8	<0.2	<10	400	0.25	0.75	2.62	4.19	13.70	6.5	15
ZZ85650		0.48	0.018	0.93	1.07	82.7	<0.2	<10	310	0.54	2.72	0.61	13.35	30.9	15.4	25
ZZ85651		0.33	0.007	0.23	1.96	52.1	<0.2	<10	400	0.65	1.73	0.21	0.43	39.5	13.9	29
ZZ85652		0.35	0.008	0.82	1.53	70.1	<0.2	<10	790	0.60	2.84	0.97	11.50	22.9	11.7	25
ZZ85653		0.36	0.013	0.27	1.39	67.3	<0.2	<10	360	0.54	1.31	0.73	0.61	32.4	12.5	23
ZZ85654		0.33	0.030	0.31	0.85	58.0	<0.2	<10	430	0.34	0.89	3.11	1.35	22.3	10.7	16
ZZ85655		0.14	0.006	0.42	0.63	110.0	<0.2	<10	520	0.28	0.90	3.16	8.14	11.05	21.7	14
ZZ85656		0.17	0.014	0.50	1.02	58.8	<0.2	<10	290	0.42	1.05	1.54	2.31	23.2	8.4	18
ZZ85657		0.23	0.020	0.22	1.20	81.6	<0.2	<10	320	0.52	1.34	2.07	0.80	27.4	12.0	19
ZZ85658		0.38	0.009	0.17	1.83	63.2	<0.2	<10	340	0.70	0.80	0.46	0.21	32.4	11.9	30
ZZ85659		0.31	0.013	0.08	1.56	89.3	<0.2	<10	290	0.60	1.20	0.65	0.36	31.9	14.7	24
ZZ85660		0.12	0.018	0.20	0.82	54.1	<0.2	<10	300	0.31	0.81	2.56	1.02	16.65	9.0	14

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	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
ZZ85626		1.11	47.0	3.53	3.02	0.08	0.05	0.08	0.031	0.08	10.9	10.0	0.56	882	3.53	0.01
ZZ85627		0.86	50.3	3.16	2.57	0.07	0.04	0.06	0.042	0.08	11.2	8.1	1.10	935	3.14	0.01
ZZ85628		0.85	45.5	2.53	2.66	0.07	0.04	0.06	0.028	0.07	12.0	9.1	0.49	441	3.92	0.01
ZZ85629		1.20	65.3	2.70	3.02	0.07	0.06	0.12	0.031	0.07	10.8	9.9	0.56	236	1.96	0.01
ZZ85630		1.04	50.5	3.01	3.11	0.08	0.06	0.07	0.031	0.11	13.5	10.2	1.15	457	2.50	0.01
ZZ85631		0.82	42.4	2.44	2.65	0.07	0.05	0.04	0.030	0.08	13.5	9.1	0.94	562	2.63	0.01
ZZ85632		0.80	50.3	3.25	2.92	0.08	0.05	0.06	0.033	0.07	13.6	10.4	1.15	752	2.87	0.01
ZZ85633		0.56	52.7	1.87	2.14	0.05	0.03	0.07	0.018	0.03	7.1	8.1	0.56	522	1.05	0.01
ZZ85634		0.99	59.8	4.26	2.91	0.09	0.05	0.06	0.039	0.07	17.6	8.5	0.63	553	2.73	0.01
ZZ85635		0.35	26.6	1.32	1.52	0.05	0.04	0.06	0.013	0.03	5.5	4.1	0.53	524	1.09	0.01
ZZ85636		0.88	53.0	3.48	2.91	0.07	0.06	0.05	0.032	0.13	14.8	10.4	2.13	632	2.95	0.01
ZZ85637		0.92	49.5	2.94	3.05	0.07	0.05	0.09	0.036	0.08	14.5	10.9	0.50	316	8.74	0.01
ZZ85638		0.65	38.9	2.71	2.79	0.07	0.04	0.07	0.048	0.06	9.8	10.6	0.61	766	10.80	0.01
ZZ85639		0.69	45.8	2.84	2.92	0.08	0.05	0.06	0.028	0.08	11.6	11.2	0.57	642	6.79	0.01
ZZ85640		0.90	51.6	3.27	3.98	0.07	0.04	0.05	0.039	0.09	15.1	11.6	0.89	411	5.08	0.01
ZZ85641		1.21	47.7	3.47	5.16	0.08	0.04	0.06	0.036	0.07	19.9	14.6	0.54	409	3.38	0.01
ZZ85642		1.07	64.2	3.73	4.50	0.09	0.06	0.07	0.037	0.10	16.5	12.4	1.07	594	3.40	0.01
ZZ85643		1.10	58.8	1.37	2.91	0.11	0.06	0.14	0.046	0.06	11.7	10.5	0.49	295	5.78	<0.01
ZZ85644		1.08	49.0	1.63	3.27	0.10	0.06	0.13	0.037	0.06	10.3	11.3	0.52	402	10.05	0.01
ZZ85645		0.90	43.5	2.70	2.76	0.08	0.04	0.08	0.041	0.05	9.3	8.5	0.46	313	15.15	<0.01
ZZ85646		1.16	80.9	3.35	3.42	0.10	0.05	0.13	0.043	0.08	13.2	10.9	0.59	1080	16.20	<0.01
ZZ85647		0.81	38.9	1.71	2.61	0.07	0.05	0.07	0.032	0.06	8.4	9.5	0.52	256	1.71	<0.01
ZZ85648		0.76	36.9	1.88	2.44	0.07	0.04	0.07	0.025	0.05	7.5	8.4	0.47	403	3.99	<0.01
ZZ85649		0.53	35.1	1.76	2.12	0.08	0.04	0.08	0.027	0.05	7.3	6.6	0.49	885	7.50	<0.01
ZZ85650		1.65	111.0	4.01	3.43	0.13	0.09	0.15	0.091	0.13	17.3	8.7	0.57	614	16.40	<0.01
ZZ85651		1.30	35.8	3.68	5.55	0.09	0.06	0.05	0.043	0.07	19.6	15.8	0.54	421	3.44	<0.01
ZZ85652		1.16	147.5	3.23	4.61	0.09	0.06	0.10	0.068	0.06	12.7	13.4	0.50	493	11.15	<0.01
ZZ85653		0.79	51.3	3.53	4.09	0.09	0.06	0.06	0.038	0.10	17.3	12.8	0.61	601	3.73	0.01
ZZ85654		0.82	44.1	2.88	2.64	0.08	0.04	0.05	0.028	0.08	12.0	8.9	1.49	522	3.32	0.01
ZZ85655		0.79	58.8	4.23	1.78	0.13	0.04	0.11	0.022	0.04	6.2	5.3	0.47	1420	13.75	0.01
ZZ85656		0.89	46.2	2.70	2.96	0.10	0.05	0.09	0.034	0.08	12.1	10.2	0.50	298	10.30	0.01
ZZ85657		0.76	47.6	3.36	3.38	0.08	0.07	0.06	0.032	0.11	14.5	11.9	1.04	495	2.67	<0.01
ZZ85658		1.02	39.6	3.45	5.39	0.08	0.07	0.05	0.034	0.07	18.1	15.6	0.56	464	2.22	0.01
ZZ85659		0.92	51.0	3.89	4.32	0.09	0.06	0.04	0.040	0.09	17.1	14.4	0.68	533	3.07	<0.01
ZZ85660		0.61	34.7	2.25	2.35	0.07	0.04	0.06	0.023	0.08	8.7	7.7	0.54	528	1.99	<0.01

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

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

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

Finalized Date: 24-AUG-2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141816

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
ZZ85626		1.16	46.1	1210	14.5	10.1	0.012	0.15	1.92	2.6	3.9	0.6	45.5	<0.01	0.05	1.6
ZZ85627		0.95	41.4	1080	14.7	10.1	0.002	0.10	2.04	2.2	2.5	0.6	46.5	<0.01	0.05	1.3
ZZ85628		1.09	38.4	1030	13.7	8.9	0.010	0.10	1.74	2.1	4.0	0.5	37.5	<0.01	0.04	1.2
ZZ85629		1.21	50.9	1070	18.9	7.2	0.017	0.17	2.25	3.0	6.5	0.6	39.2	<0.01	0.05	1.6
ZZ85630		1.21	39.3	1250	17.1	12.6	0.004	0.07	1.80	2.9	2.1	0.5	38.8	<0.01	0.05	2.4
ZZ85631		1.02	36.2	1310	14.7	9.3	0.010	0.10	1.78	2.3	2.4	0.5	40.6	<0.01	0.05	1.8
ZZ85632		1.19	40.3	1100	16.3	9.2	0.001	0.06	1.75	3.0	1.5	0.5	38.7	<0.01	0.05	2.3
ZZ85633		0.82	27.9	980	9.1	6.2	<0.001	0.20	1.05	1.2	2.4	0.3	68.5	<0.01	0.04	0.2
ZZ85634		1.55	37.8	1080	15.8	9.1	<0.001	0.13	3.80	3.7	1.8	0.8	30.6	<0.01	0.06	2.7
ZZ85635		0.56	20.2	910	8.1	4.3	0.001	0.17	0.84	1.1	2.1	0.2	68.0	<0.01	0.03	0.4
ZZ85636		0.68	39.4	1280	19.1	10.5	<0.001	0.01	2.14	3.1	1.0	0.5	70.8	<0.01	0.05	4.1
ZZ85637		1.16	39.6	1250	19.6	9.3	0.010	0.08	1.98	2.6	3.9	1.5	50.9	<0.01	0.06	2.1
ZZ85638		0.94	55.0	990	15.0	7.8	0.005	0.08	2.12	2.0	5.1	1.5	47.4	<0.01	0.09	0.8
ZZ85639		1.19	40.3	960	12.8	8.7	0.005	0.07	2.05	2.6	6.7	0.5	48.1	<0.01	0.05	1.4
ZZ85640		1.15	38.8	940	15.5	11.9	<0.001	0.01	2.15	3.0	1.6	0.9	30.4	<0.01	0.06	2.7
ZZ85641		1.32	39.8	640	20.8	11.6	<0.001	<0.01	1.50	4.8	1.4	0.8	14.2	<0.01	0.05	3.9
ZZ85642		1.27	46.5	1100	17.9	11.4	<0.001	0.01	1.82	4.4	1.2	0.7	28.2	<0.01	0.06	4.4
ZZ85643		0.97	51.2	970	18.0	8.2	0.014	0.12	2.68	2.6	16.7	1.3	40.6	<0.01	0.05	2.1
ZZ85644		1.18	50.0	1000	14.8	8.8	0.026	0.23	3.52	2.6	13.0	0.7	54.1	0.01	0.04	1.6
ZZ85645		0.85	57.6	1080	12.1	8.0	0.005	0.09	2.30	1.8	5.6	0.7	54.3	<0.01	0.06	1.0
ZZ85646		1.01	79.4	1150	16.0	12.1	0.007	0.08	2.65	2.6	7.1	1.0	45.6	<0.01	0.07	1.6
ZZ85647		0.83	40.6	900	9.8	9.2	0.007	0.11	1.01	1.9	4.8	1.2	58.9	<0.01	0.04	0.9
ZZ85648		0.77	35.8	1080	9.9	7.8	0.005	0.13	1.18	1.6	5.1	0.5	67.3	<0.01	0.04	0.6
ZZ85649		0.81	38.4	810	11.2	8.3	0.007	0.12	3.10	1.4	8.4	0.4	61.2	<0.01	0.05	0.7
ZZ85650		1.28	101.5	1890	49.8	14.3	0.001	0.03	6.84	3.5	6.5	6.7	53.3	<0.01	0.10	5.5
ZZ85651		1.10	42.1	690	16.6	12.2	<0.001	<0.01	1.36	4.2	1.7	0.7	13.3	<0.01	0.06	5.2
ZZ85652		1.06	105.5	900	15.7	8.8	0.001	0.03	2.13	3.2	4.2	4.0	60.4	<0.01	0.07	1.8
ZZ85653		0.93	41.2	1010	17.3	10.9	0.001	0.01	1.67	3.7	1.4	0.6	21.8	<0.01	0.05	3.8
ZZ85654		1.18	48.6	1250	13.1	9.3	0.001	0.04	1.72	2.5	2.7	0.4	41.7	<0.01	0.05	2.2
ZZ85655		0.68	68.7	1110	9.5	7.5	0.036	0.22	3.23	1.4	15.7	0.4	72.7	<0.01	0.05	0.6
ZZ85656		1.03	37.0	1220	17.1	9.0	0.015	0.12	2.22	2.4	9.8	0.6	71.2	<0.01	0.06	2.1
ZZ85657		0.81	38.2	910	17.9	9.5	<0.001	0.02	1.68	3.0	1.1	0.5	32.4	<0.01	0.05	2.9
ZZ85658		0.95	36.1	330	16.9	11.0	<0.001	0.01	1.17	4.8	1.0	0.6	14.2	<0.01	0.05	4.5
ZZ85659		1.17	43.2	580	18.8	10.8	<0.001	0.01	1.65	4.1	1.2	0.6	14.6	<0.01	0.06	3.8
ZZ85660		0.85	29.6	970	11.4	8.2	0.005	0.11	1.41	1.6	3.3	0.4	51.2	<0.01	0.05	0.8

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VANCOUVER BC V6B 1L8

Finalized Date: 24- AUG- 2013
Account: RCM

Project: RAV

CERTIFICATE OF ANALYSIS WH13141816

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
ZZ85626		0.020	0.24	3.90	37	0.16	8.10	279	1.8
ZZ85627		0.019	0.17	3.02	33	0.18	8.00	187	1.4
ZZ85628		0.020	0.19	5.30	32	0.90	8.30	206	1.4
ZZ85629		0.022	0.26	2.78	40	0.15	10.30	345	2.8
ZZ85630		0.024	0.20	1.40	35	0.16	8.27	149	2.1
ZZ85631		0.020	0.18	2.40	30	0.35	7.57	133	1.8
ZZ85632		0.026	0.17	1.34	34	0.22	9.04	100	1.9
ZZ85633		0.016	0.07	2.00	22	0.09	7.76	44	0.8
ZZ85634		0.024	0.16	1.65	35	0.20	11.35	89	2.1
ZZ85635		0.011	0.06	1.10	13	0.06	5.26	44	1.5
ZZ85636		0.025	0.19	1.00	36	0.17	8.27	122	4.1
ZZ85637		0.020	0.27	5.13	41	0.13	9.17	264	1.9
ZZ85638		0.017	0.16	8.80	36	0.47	7.74	87	1.3
ZZ85639		0.021	0.15	5.94	36	0.15	8.28	123	1.9
ZZ85640		0.023	0.32	0.99	47	0.24	7.24	109	1.4
ZZ85641		0.027	0.21	1.30	56	0.21	15.15	103	1.4
ZZ85642		0.031	0.22	0.95	47	0.20	11.05	120	2.8
ZZ85643		0.021	0.26	6.85	43	0.25	9.52	461	2.5
ZZ85644		0.023	0.29	11.30	47	0.18	9.59	283	2.5
ZZ85645		0.017	0.21	8.18	42	0.29	9.38	247	1.7
ZZ85646		0.023	0.43	7.80	89	0.35	15.45	555	1.9
ZZ85647		0.018	0.17	4.53	27	0.17	8.17	215	1.8
ZZ85648		0.016	0.14	6.94	31	0.14	5.94	226	1.4
ZZ85649		0.019	0.19	13.55	51	0.14	5.27	228	1.5
ZZ85650		0.032	0.62	2.30	66	0.50	15.10	477	7.1
ZZ85651		0.028	0.23	1.36	58	0.26	9.25	126	2.4
ZZ85652		0.017	0.23	6.92	64	0.36	15.95	346	1.8
ZZ85653		0.025	0.16	1.05	46	0.20	10.15	125	2.2
ZZ85654		0.025	0.17	2.13	31	0.18	8.24	173	1.8
ZZ85655		0.014	0.31	11.25	32	0.19	8.10	681	1.6
ZZ85656		0.018	0.37	8.85	38	0.13	8.57	275	2.2
ZZ85657		0.018	0.16	0.95	37	0.21	8.62	107	2.6
ZZ85658		0.026	0.17	0.89	59	0.25	12.25	92	2.8
ZZ85659		0.019	0.20	1.11	48	0.19	10.95	105	2.2
ZZ85660		0.016	0.16	3.44	27	0.14	5.81	140	1.6

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CERTIFICATE OF ANALYSIS WH13141816

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: Interference: Samples with Ca>10%on ICP-MS As. ICP-AES As results reported (2 ppm DL)
ME-MS41

Applies to Method: Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).
ME-MS41

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
LOG-22 SCR-41 WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au-ICP21 ME-MS41