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ASSESSMENT REPORT

describing

GEOLOGICAL MAPPING, PROSPECTING, SOIL GEOCHEMISTRY, DIAMOND DRILLING AND GEOPHYSICAL SURVEYS

at the

RAU PROPERTY

Rau 1-64	YC50268-YC50331
65-96	YC57529-YC57560
97F-98F	YC69925-YC69926
99F-100F	YC69961-YC69962
R 1-103	YC68334-YC68436
105-1295	YC68438-YC69629
1296-1337	YC70595-YC70636

NTS 106D/01, 106D/02, 106D/07 & 106D/08
Latitude 64°11´N; Longitude 134°22´W

in the

Mayo Mining District,
Yukon Territory

prepared by

Archer, Cathro & Associates (1981) Limited

for

ATAC RESOURCES LTD.

by

Matthew R. Dumala, P.Eng.

March 2009

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INTRODUCTION

The Rau property is located in central Yukon within the Tintina Gold Belt, a band of intrusion-related gold deposits that stretches across Yukon and Alaska. Although the property is primarily of interest for gold, it also hosts lead-zinc-silver and tungsten mineralization, which are often associated with gold elsewhere within the belt. The property is owned 100% by ATAC Resources Ltd.

This report describes an exploration program that was conducted on the majority of the claims comprising the property between June 8 and September 23, 2008 by Archer, Cathro & Associates (1981) Limited on behalf of ATAC. The author participated in and supervised that program, which consisted of geological mapping, prospecting, soil geochemical sampling, stream sediment sampling, 3423.21 m of diamond drilling in 18 holes and property-wide helicopter-borne magnetic and variable time-domain electromagnetic (VTEM) surveys. The author's Statement of Qualifications appears in Appendix I.

This report also summarizes a second exploration program that was conducted simultaneously on the remainder of the claims comprising the property. Those claims were under option from ATAC to Yankee Hat Minerals Ltd. That program consisted of prospecting and a total of 437.38 m of diamond drilling in three holes. It was conducted by Archer, Cathro on behalf of Yankee Hat and ATAC, and was the subject of a separate assessment report by the author (Dumala, 2008)

PROPERTY LOCATION, CLAIM DATA, ACCESS AND INFRASTRUTURE

The Rau property consists of 1436 contiguous mineral claims which are located in central Yukon at latitude 64°11´N and longitude 134°22´W on NTS map sheets 106D/01, 106D/02, 106D/07 and 106D/08 (Figure 1). During summer 2008 the property was expanded from 64 to 1395 claims and in January 2009 another 42 claims were added. Collectively the property covers an area of approximately 29,000 hectares (290 sq km). The claims are all registered with the Mayo Mining Recorder in the name of Archer Cathro, which holds them in trust for ATAC. From April 2008 until February 2009, the Rau 1-32 and Rau 87-94 claims were under option to Yankee Hat but that option was terminated without any interest being earned by Yankee Hat. Specifics concerning claim registration are tabulated below while the locations of individual claims are shown Figure 2.

Claim Number	Grant Number	Expiry Date
Rau 1-64	YC50268-YC50331	April 28, 2020*
65-96	YC57529-YC57560	April 28, 2013*
97F-98F	YC69925-YC69926	April 28, 2014*
99F-100F	YC69961-YC69962	April 28, 2014*
R 1-103	YC68334-YC68436	April 28, 2013*
105-1295	YC68438-YC69629	April 28, 2013*
1296-1337	YC70595-YC70636	January 26, 2010

* Expiry dates include 2008 work which has been filed for assessment credit but not yet accepted.

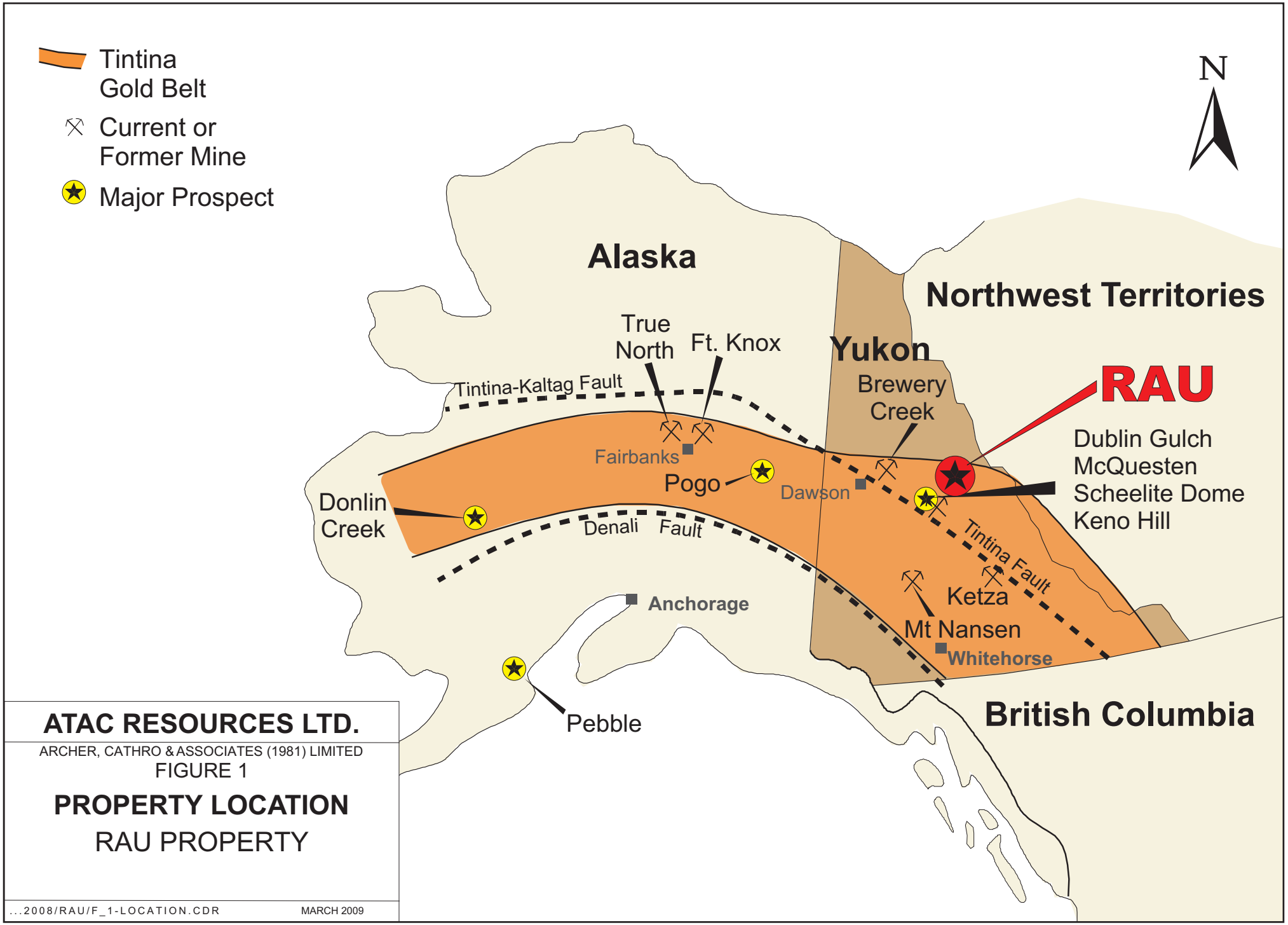

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FIGURE 1

PROPERTY LOCATION

RAU PROPERTY

...2008/RAU/F_1-LOCATION.CDR MARCH 2009

The property lies 100 km northeast of Mayo, the nearest supply centre. The closest road access is at 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 winter road, which is accessible via the Yukon highway system from McQuesten Lakes near Keno City, crosses the western portion of the property (Figure 3). This winter road has been used intermittently by various exploration companies since it was built in the late 1960s.

Access from Keno City to the property is by helicopter. If required, fixed wing aircraft can land near an outfitter's lodge at Kathleen Lakes, 5 km northeast of the property. These lakes are suitable for float equipped aircraft while an adjacent dirt airstrip can be used in dry conditions by short takeoff and landing airplanes on wheels.

In response to encouraging drill results, ATAC contracted EBA Engineering Consultants Ltd. to carry out a preliminary route selection and assessment of terrain for a proposed access road that would extend to the main exploration area on the Rau property from the Wind River winter road. Results from that survey are favourable, and a report outlining EBA's findings can be found in Appendix II.

The encouraging drill results also were the impetus for baseline water quality surveys on key streams draining the property. Two separate surveys were completed by J. Gibson Environmental Consulting of Whitehorse in August and October, 2008. Both surveys reported neutral to slightly alkaline waters and low dissolved metal contents in all streams. Copies of Gibson's reports can be found in Appendix III.

EXPLORATION HISTORY

The approximate locations of various showings refered to in this section are shown on Figure 2.

The earliest reported exploration in the vicinity of what is now the Rau property occurred in 1968, when Cominco Ltd. staked the Beaver claims in the western part of the current claim block, based on results of regional geochemical sampling done in 1967. Later that year, L. Elliott staked the nearby Now claims and optioned them to Cominco. Cominco completed mapping and soil sampling on its claims 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 the area of 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 Joint Venture 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

T.N.
40°
24°42'
Grid East
Magnetic North
Annual change decreasing 28'

7 130 000 mN
7 125 000 mN
7 120 000 mN
7 115 000 mN

510 000 mE
515 000 mE
520 000 mE
525 000 mE
530 000 mE
535 000 mE

Now
EL
Blue Lite
Flat Ridge
Kathy
Anomalous GSC sample site
Wind River Trail

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FIGURE 2

CLAIM LOCATION AND HISTORICAL WORKINGS

RAU PROJECT

0 1 2 km

UTM ZONE 8W, NAD83

FILE: ...2008\RAU\F_2-CLAIM.WOR

DATE: MARCH 2009

1 43-101 compliant resource estimate - Eagle Plains Resources' website www.eagleplains.com
2 43-101 compliant resource estimate -Yukon Gold's news release dated July 23, 2008
3 Total recorded production - Geoscience Canada, Volume 33, Number 3, September 2006
4 43-101 compliant resource estimate - StrataGold Corporation's website www.stratagold.com
5 43-101 compliant resource estimate - StrataGold Corporation's website www.stratagold.com

Inferred for the East and West Zones - 19.6 Million Tonnes @ 3.04 % Zn, 2.80% Pb and 56.0 g/t Ag 1

BLENDE

N

RAU PROPERTY

NOW CLAIMS

2008 DISCOVERY

Indicated - 66.54 million tonnes @ 0.916 g/t Au

Inferred - 14.39 million tonnes @ 0.803 g/t Au 4

DUBLIN GULCH

MAR TUNGSTEN

Indicated - 5.31 million tonnes @ 0.38 WO3

Inferred - 2.17 million tonnes @ 0.38 WO3 5

MARG

Indicated - 5.7 million tonnes @ 1.52% Cu, 3.66% Zn, 1.91% Pb, 47.77 g/t Ag and 0.78 g/t Au

Inferred - 2.15 million tonnes @ 1.18% Cu, 3.39% Zn, 1.63% Pb, 38.18 g/t Ag and 0.65 g/t Au 2

KENO HILL MINES

Keno City

Recorded Production (1913-1990) - 3
4,847,164 tonnes @ 1,373 g/t Ag, 6.7% Pb and 4.1% Zn.

0 5 10 20 km

Deposit
First Nation A Land
First Nation B Land
Winter Road
Road
Proposed Road Route

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FIGURE 3

ACCESS AND INFRASTRUCTURE

RAU PROPERTY

...2008/RAU/F_3-ACCESS.CDR MARCH 2009

primarily on lead-zinc, but it also resulted in the discovery of a narrow gold-rich vein (the Now Showing). Most of Prism's work was done in a small area around the Now Showing, which lies on two claims currently owned by independent prospectors. These claims are completely surrounded by the Rau property.

Further to the northwest, Prism conducted mapping, soil sampling and electromagnetic surveys, in 1977. Numerous samples from that program returned high zinc-in-soil values ranging from 2100 ppm to 12.2%. One sample that was collected from a large transported gossan (EL Showing) yielded 800 ppm lead and 3.8 ppm silver as well as high zinc (Montgomery and Cavey, 1978), suggesting that the metals were leached and remobilized in acidic groundwater before being reprecipitated when those fluids were neutralized. These promising results were never followed up. In 1977, Prism also performed minor soil sampling near a strong gossan on 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 eastern part of the current Rau property with prospecting, soil geochemical sampling and a diamond drill hole at the Blue Lite Showing. This work led to the discovery of scheelite mineralization at the Blue Lite and Flat Top Showings (Figures 2 and 6). 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.

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 at the Now Showing (Cathro, 1989).

ATAC's interest in the area was prompted by an isolated, high gold value (150 ppb) obtained by a regional-scale stream sediment geochemical survey, conducted by the Geological Survey of Canada (Hornbrook, etal 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 approximate location of the anomalous sample site is shown on Figure 2.

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 these samples returned high values for tungsten and a few were notably enriched in gold, lead, zinc, silver and/or 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 VTEM surveys (Eaton and Panton, 2008). This work partially delineated a large hydrothermal system centered around a 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.

On April 9, 2008 ATAC and Yankee Hat signed an option agreement concerning 40 claims that covered the Rackla Pluton and the tungsten-bearing skarns. The claim that hosts the gold-in-soil anomaly were not subject to that agreement.

GEOMORPHOLOGY

The Rau property is situated in the Nadeleen Range of the Selwyn Mountains. It 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 northwestern part of the claim block to 1800 m atop a peak in the centre. 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.

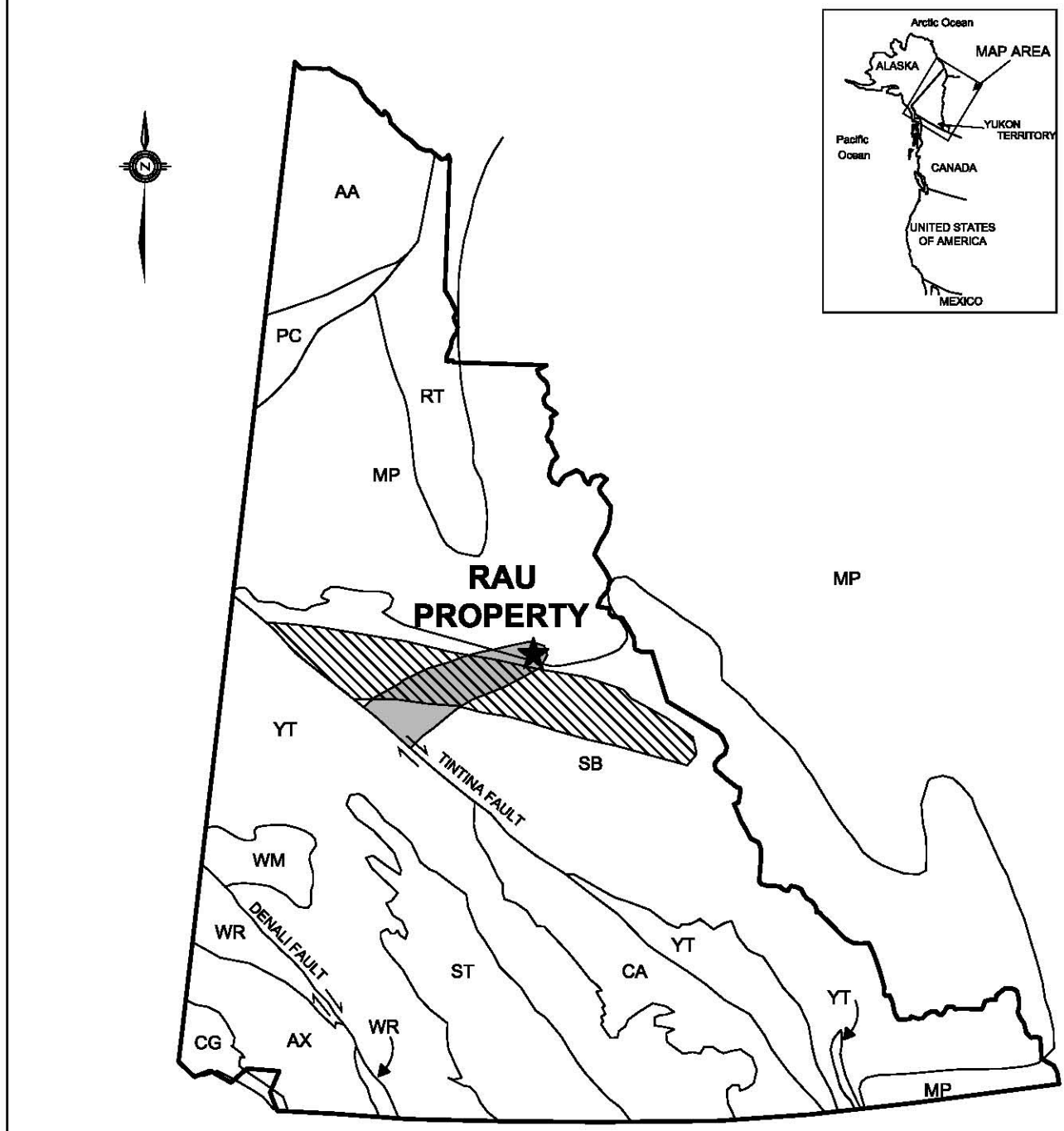
GEOLOGY

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 faults that imbricate rocks of Selwyn Basin and Mackenzie Platform (Figure 4). 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.

The 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 etal, 2000). Another compressional orogenic event, which occurred about 65 Ma, was accompanied by emplacement of felsic intrusions assigned to the McQuesten Suite.



ANCESTRAL NORTH AMERICA

- MP — Mackenzie Platform
- SB — Selwyn Basin
- RT — Richardson Trough

TERRANES
Displaced Continental Margin

- AA — Arctic Alaska
- CA — Cassiar
- PC — Porcupine

Pericratonic Terranes

- YT — Yukon-Tanana / Slide Mountain

ACCRETED TERRANES

- ST — Stikinia / Cache Creek
- AX — Alexander
- WR — Wrangellia
- CG — Chugach
- WM — Windy McKinley

INTRUSIVE SUITES

- Tombstone
- McQuesten

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FIGURE 4

TECTONIC SETTING

RAU PROPERTY

0 100 200 km

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DATE: MARCH 2009

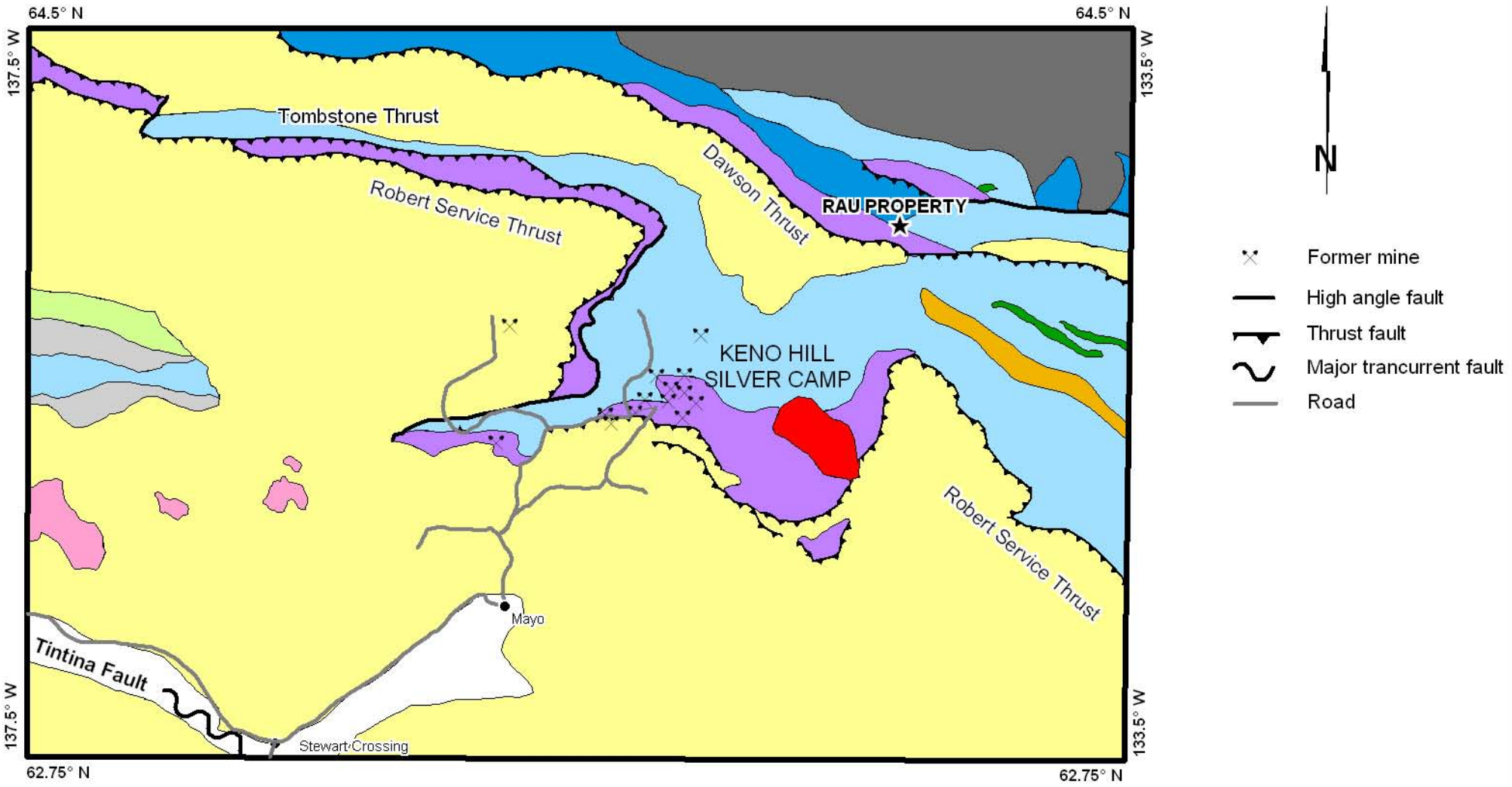
Figure 5 shows regional geology in central Yukon. It is a geological compilation that takes into account recent age dating and new unit correlations, which Charlie Roots prepared for the Yukon Geological Survey (Cathro, 2006).

The Tombstone, Dawson and Robert Service Thrusts plus a number of lesser thrust faults affect stratigraphy in the Rau area. All of these thrusts verge northeasterly and predate emplacement of the Tombstone Suite intrusions. The thrust panel that contains the Rau property approximately straddles the boundary between Selwyn Basin and Mackenzie Platform and includes units belonging to both of those tectonic elements. The property covers a granitic plug that is too small to plot at regional-scale (the "Rackla Pluton"). Analysis of a uranium-rich zircon from this intrusion yielded a concordant "age" of 61.4±0.2 Ma which, given the probability of some lead loss, is considered to be a minimum age (Mortensen, pers. comm.). Based on this age and the composition of the intrusion, the Rackla Pluton likely belongs to the McQuesten Suite. If so, it is anomalous because it is more fractionated than other plutons of this suite and it lies a considerable distance northeast (in-board) of the main belt of these plutons.

Table I contains a brief summary of the main lithologies in the area of the Rau property.

Table I: 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.
Rock formed before mountain-building		
	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.



Overburden

McQuesten Suite intrusions - two-mica granite

Tombstone Suite intrusions - granite and granodiorite

Jones Lake and Mt. Christie Formations - sandstone and limestone

Galena Suite intrusions - diorite and gabbro

Keno Hill Quartzite - metamorphosed sandstone, shale and phyllite

Earn Group - shale, chert and pebble conglomerate

Road River Group - shale, chert and siltstone

Gull Lake Formation - shale,sandstone and conglomerate

Hyland Group - schist, sandstone, shale and limestone

Bouvette Formation - limestone and shale

Gillespie Lake Group - dolostone and sandstone

Modified from: Roots in Cathro (2006)

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FIGURE 5

REGIONAL GEOLOGY

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0 50 km

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Rocks formed during mountain-building

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 mountain-building

90 - 94	Tombstone Suite intrusions: granite and granodiorite.
62 - 67	McQuesten Suite intrusions: granite with two types of mica.

Sediments younger than 3 Ma

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

Property Geology

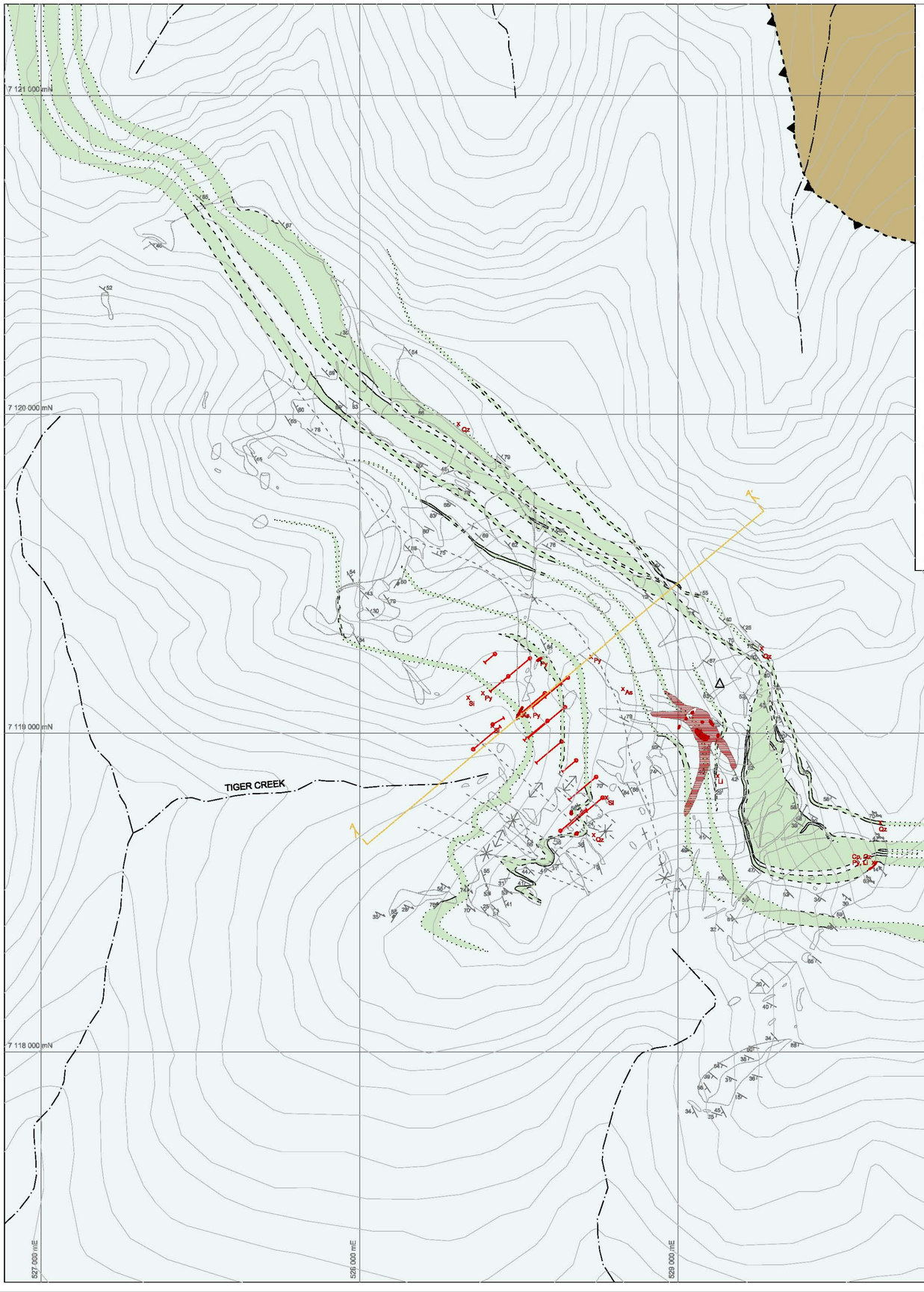
Eleven main units have been recognized on the Rau property (Figure 6), of which five are the most important:

a) Bouvette Formation,
b) Marmot Formation,
c) Earn Group,
d) Keno Hill Quartzite, and
e) McQuesten Suite.

The **Bouvette Formation** is the most abundant rock type at surface, underlying about 40% of the property. It consists of: grey-and buff-weathering limestone and dolomite; medium-to thick-bedded, white to light grey weathering dolomite; and, lesser limestone conglomerate. The total thickness of the Bouvette Formation on the property is at least 1400 m. Its large aerial extent is in part due to moderate southwesterly dips that are subparallel to topography on south facing side hills where most of the exposures are located.

The **Marmot Formation** consists of thin volcaniclastic horizons that are interbedded with the Bouvette Formation. The horizons range from a few metres to about 20 m thick. They weather recessively compared to the surrounding carbonate rocks and are often discontinuous along strike. When fresh, the rocks are dark green to brown and commonly feature calcite filled amgydaloles. Near mineralized zones, they are frequently light tan due to sericite alteration. Although the Marmot Formation is volumetrically insignificant, it appears to have played an important role in localizing mineralization by acting as an impermeable cap.

In the northern part of the property the Bouvette Formation is underlain by a package of Late Paleozoic and Early Mesozoic sediments, the most abundant unit of which is the **Keno Hill Quartzite**. The nature of the contact is uncertain and the reliability of the unit correlation is


7 121 000 mN
7 120 000 mN
7 119 000 mN
7 118 000 mN
527 000 mE
526 000 mE
529 000 mE
530 000 mE
TIGER CREEK
A
A'
Qz
Py
Si
Li
Cp, Qz
Py, Li
Cp
Qz
Py, As
Py
Qz
Si
Qz
Si
Py
Qz
Py
Qz
Py
Qz

questionable. Near the contact, rock assigned to the Keno Hill Quartzite includes an upper section of siliceous black slate and chert pebble conglomerate and a lower section of interbedded dark grey limestone and shale. The contract between the Keno Hill Quartzite and Bouvette Formation does not outcrop. Churchill (1980) mapped it as a thrust fault and suggested that tremolite skarn developed along the contact resulted from metasomatic reactions caused by hydrothermal fluids, which used the thrust fault as a conduit. Although the thrust fault model is a possible explanation, other interpretations should be considered. For example, the similarity of bedding attitudes on either side of the contact coupled with fossil evidence suggest that the contact could be conformable and that some of the rocks mapped as Bouvette Formation and Keno Hill Quartzite could actually belong to the Tsichu or Jungle Creek formation. Another possible explanation of the observed stratigraphic relationships is that the section is overturned, but no sedimentary or structural features are reported that support this possibility.

The **Earn Group** outcrops near valley floors in the northeastern and southeastern parts of the property. This unit is generally recessive weathering and is mostly composed of black shale and chert.

The **McQuesten Suite** intrusions are represented by a 1000 m diameter, granitic plug (Rackla Pluton) and by numerous dykes and sills in the east-central part of the property. 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.

Skarn and minor hornfels are developed locally within the Bouvette Formation. 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.

The Rau property lies within northwest trending thrust package that is bound to the south by the Dawson Thrust and to the north by the Kathleen Lakes Thrust. Stratigraphy within this package forms open folds that are aligned parallel to the thrusts and plunge gently to the southeast. Several low angle faults, which parallel the general structural trend, are inferred on the property and others could be present. One or more of these faults may have acted as a conduit for mineralizing fluids. At this time, no high angle faults have been identified on the property.

MINERALIZATION

Several types of mineralization are known to occur on the Rau property including: **1)** sediment-hosted replacement-style gold; **2)** zinc±silver±lead±gold±bismuth in limonite-rich veins and replacement bodies; **3)** scheelite in tremolite skarns; **4)** pyrrhotite±scheelite±chalcopyrite in actinolite-diopside±garnet skarns; **5)** wolframite± tantalite in granite; and **6)** iron±zinc in hydromorphically transported gossans. In addition, a gold bearing quartz-boulangerite vein has been identified on the Now claims, which are completely surrounded by the Rau property.

Rock samples were collected from several parts of the property during prospecting traverses during 2008. They were sent to ALS Chemex in North Vancouver, B.C. where they were fine crushed before a 250 g split was pulverized to better than 85% passing 75 microns. Splits of the pulverized fraction were routinely dissolved in aqua regia and analyzed for 48 elements using inductively coupled plasma (ICP) together with mass spectroscopy (MS) or atomic emission spectroscopy (AES). The samples were also routinely assayed for gold initially by Au-ICP21 or Au-AA26. Both gold techniques involve fire assay preparation. Au-ICP21 uses a 30 g charge and Au-AA26 a 50 g charge. Finish on Au-ICP21 is by ICP-AES while Au-AA26 utilizes atomic absorption spectroscopy.

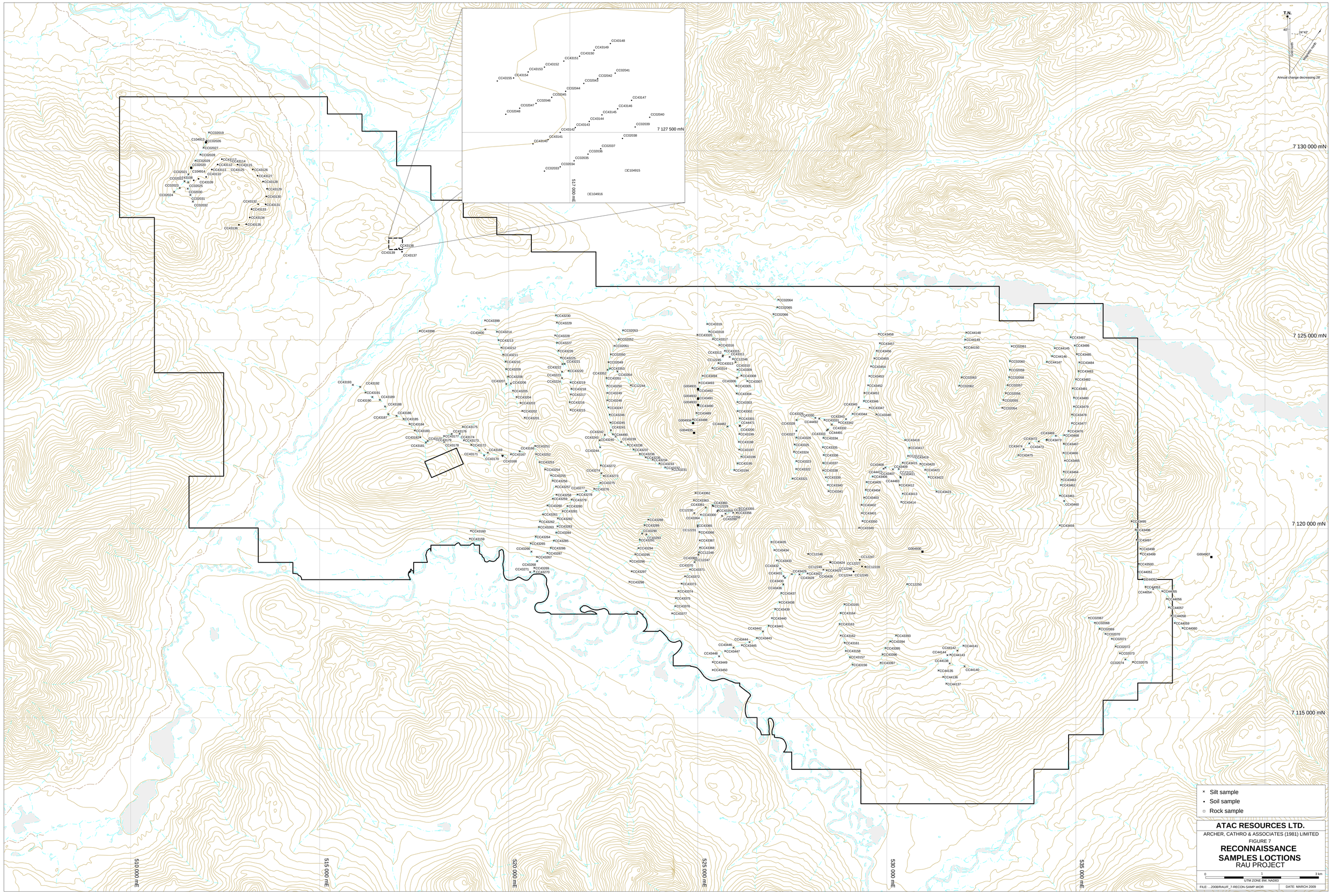
Appendix IV contains Certificates of Analysis and Appendix V comprises rock sample descriptions. Reconnaissance-scale rock sample locations are shown on Figure 7 while rock samples collected around the Tiger and Cub Showings are shown on Figure 8. Reconnaissance-scale results for gold-silver, arsenic-bismuth and lead-zinc are shown on Figures 9 to 11, respectively. Figures 12 to 17 illustrate data for gold, arsenic, bismuth, lead, zinc and tungsten, respectively, for samples shown on Figure 8.

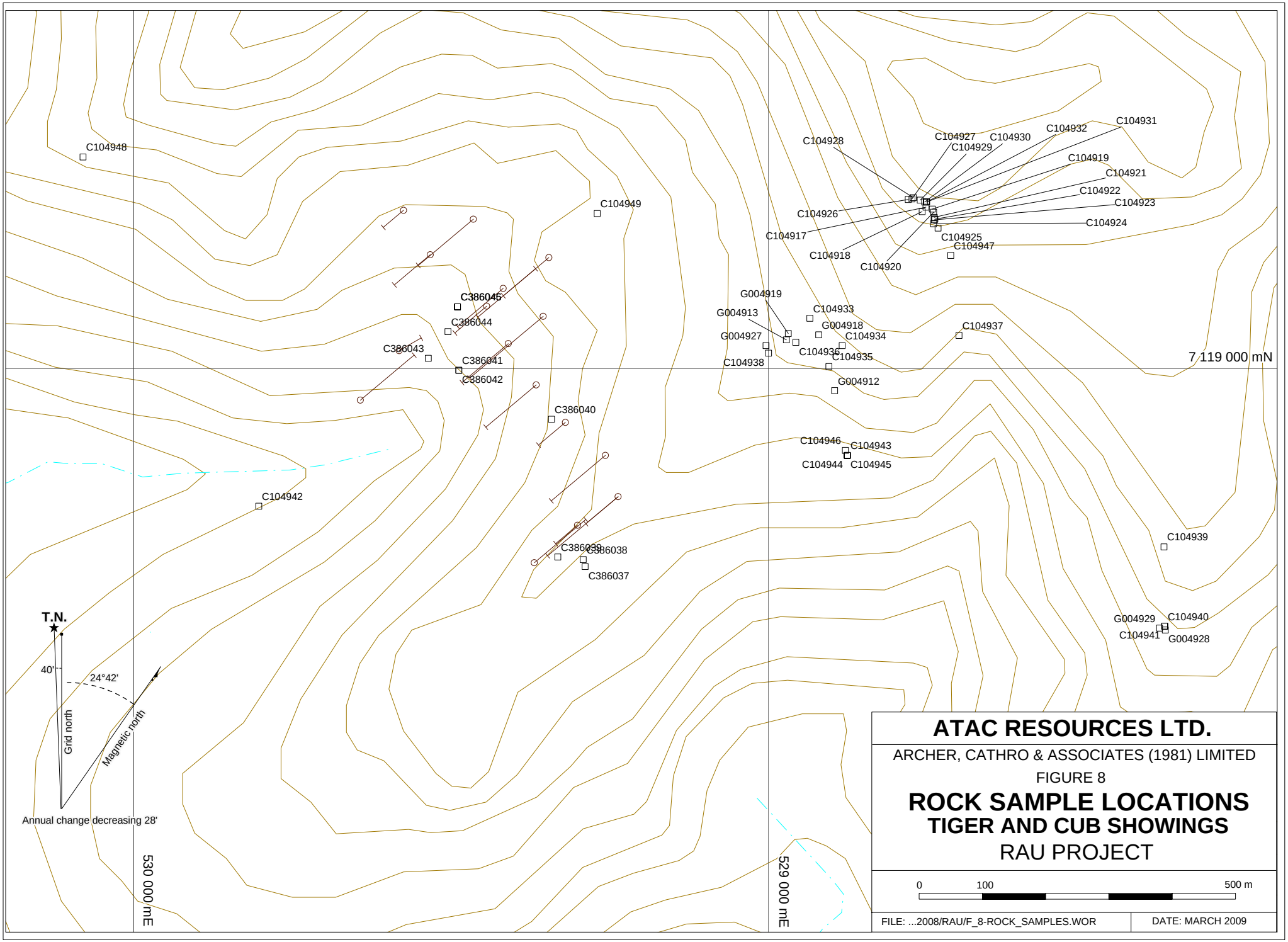
Replacement-style Gold Mineralization.

The main gold zone is located at the Tiger Showing, about 3 km west-northwest of the Rackla Pluton. Gold occurs within a stacked and folded series of dolomite horizons that have been wholly or partially replaced by sulphide minerals. To date, diamond drilling has identified three mineralized horizons, with the middle (Discovery Horizon) yeilding the most significant gold values.

Due to a combination of topography, overburden and stratigraphic orientation, the Discovery Horizon is only exposed in one small window alongside Tiger Creek. At surface, mineralization is heavily oxidized, consisting of limonite boxwork boulders with few resistive sulphide minerals. In drill core, the minerals associated with gold in the Discovery Horizon include pyrite, arsenopyrite and pyrrhotite with lesser scheelite, bismuthinite and sphalerite.

The Upper horizon has been eroded at the Tiger Showing, but it outcrops on a ridge to the southeast (Ridge Showing) where it appears as limonite in fractures and quartz veins. Drilling has shown that this horizon is sporadically mineralized with gold and is more vein-like in character. It is less sulphide-rich than the Discovery Horizon and contains proportionally more pyrrhotite and less arsenopyrite. Quartz and siderite are common gangue in the Upper Horizon but are absent in the Discovery Horizon.


T.N.
40°
24°42'
Grid north
Magnetic north
Annual change decreasing 28'
7 130 000 mN
7 125 000 mN
7 120 000 mN
7 115 000 mN
510 000 mE
515 000 mE
520 000 mE
525 000 mE
530 000 mE
535 000 mE
7 127 500 mN
517 000 mE
Silt sample
Soil sample
Rock sample
ATAC RESOURCES LTD.
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
FIGURE 7
RECONNAISSANCE
SAMPLES LOCTIONS
RAU PROJECT
0
1
3 km
UTM ZONE 8W, NAD83
FILE: ...2008/RAU/E_7-RECON-SAMP.WOR
DATE: MARCH 2009


C104948
C104949
C104928
C104927
C104929
C104930
C104932
C104931
C104919
C104921
C104922
C104923
C104926
C104924
C104917
C104925
C104947
C104918
C104920
C386045
C386044
C386043
C386041
C386042
G004919
G004913
C104933
G004918
C104934
G004927
C104936
C104935
C104938
C104937
G004912
7 119 000 mN
C386040
C104946
C104943
C104944
C104945
C104942
C104939
C386039
C386038
C386037
G004929
C104940
C104941
G004928
T.N.
40'
24°42'
Grid north
Magnetic north
Annual change decreasing 28'
530 000 mE
529 000 mE
ATAC RESOURCES LTD.
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
FIGURE 8
ROCK SAMPLE LOCATIONS
TIGER AND CUB SHOWINGS
RAU PROJECT
0
100
500 m
FILE: ...2008/RAU/F_8-ROCK_SAMPLES.WOR
DATE: MARCH 2009

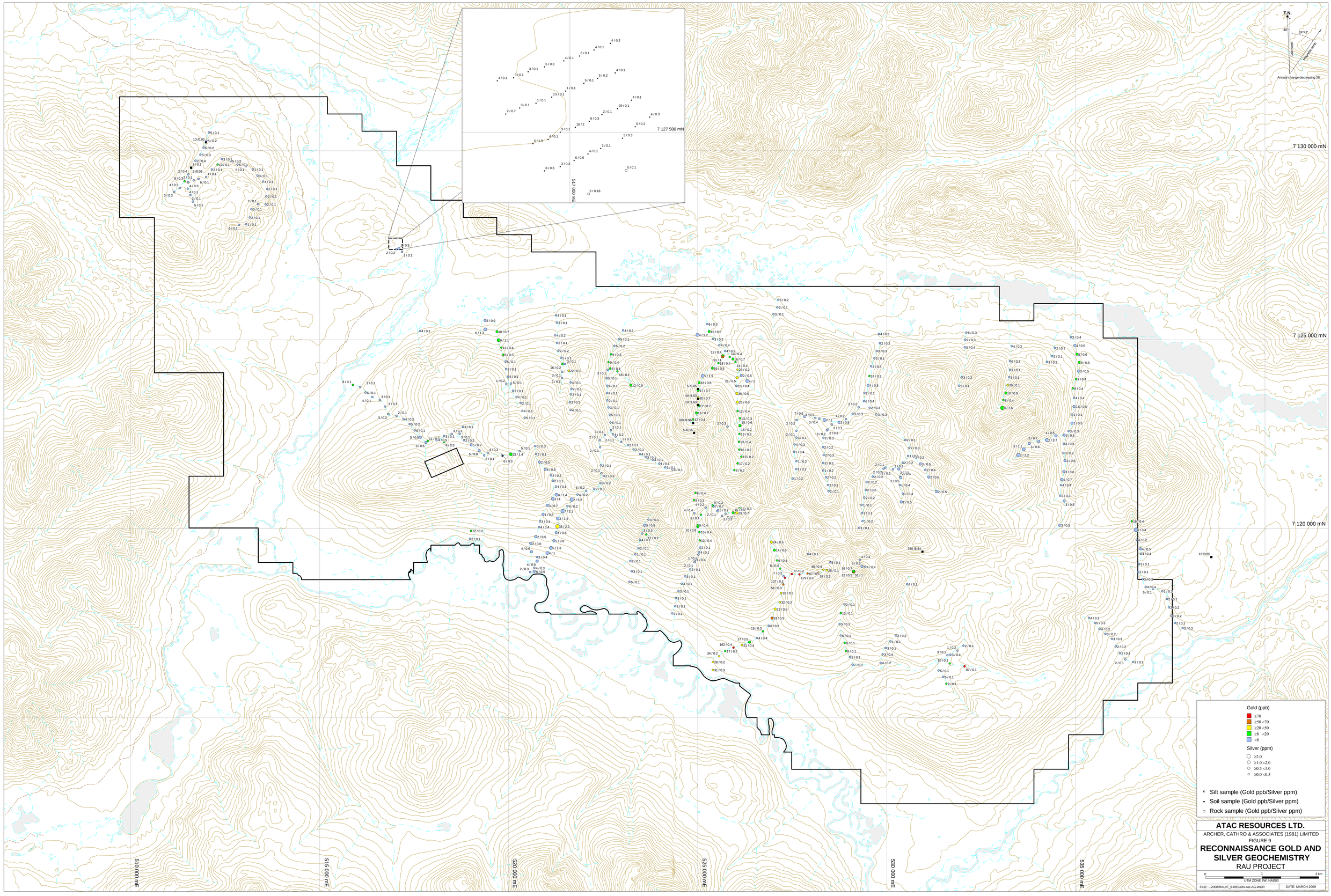

T.N.
40°
24°42'
Grid north
Magnetic north
Annual change decreasing 28'
7 130 000 mN
7 125 000 mN
7 120 000 mN
7 127 500 mN
517 000 mE
510 000 mE
515 000 mE
520 000 mE
525 000 mE
530 000 mE
535 000 mE
Gold (ppb)
≥70
≥50 <70
≥20 <50
≥8 <20
<8
Silver (ppm)
≥2.0
≥1.0 <2.0
≥0.5 <1.0
≥0.0 <0.5
Silt sample (Gold ppb/Silver ppm)
Soil sample (Gold ppb/Silver ppm)
Rock sample (Gold ppb/Silver ppm)
ATAC RESOURCES LTD.
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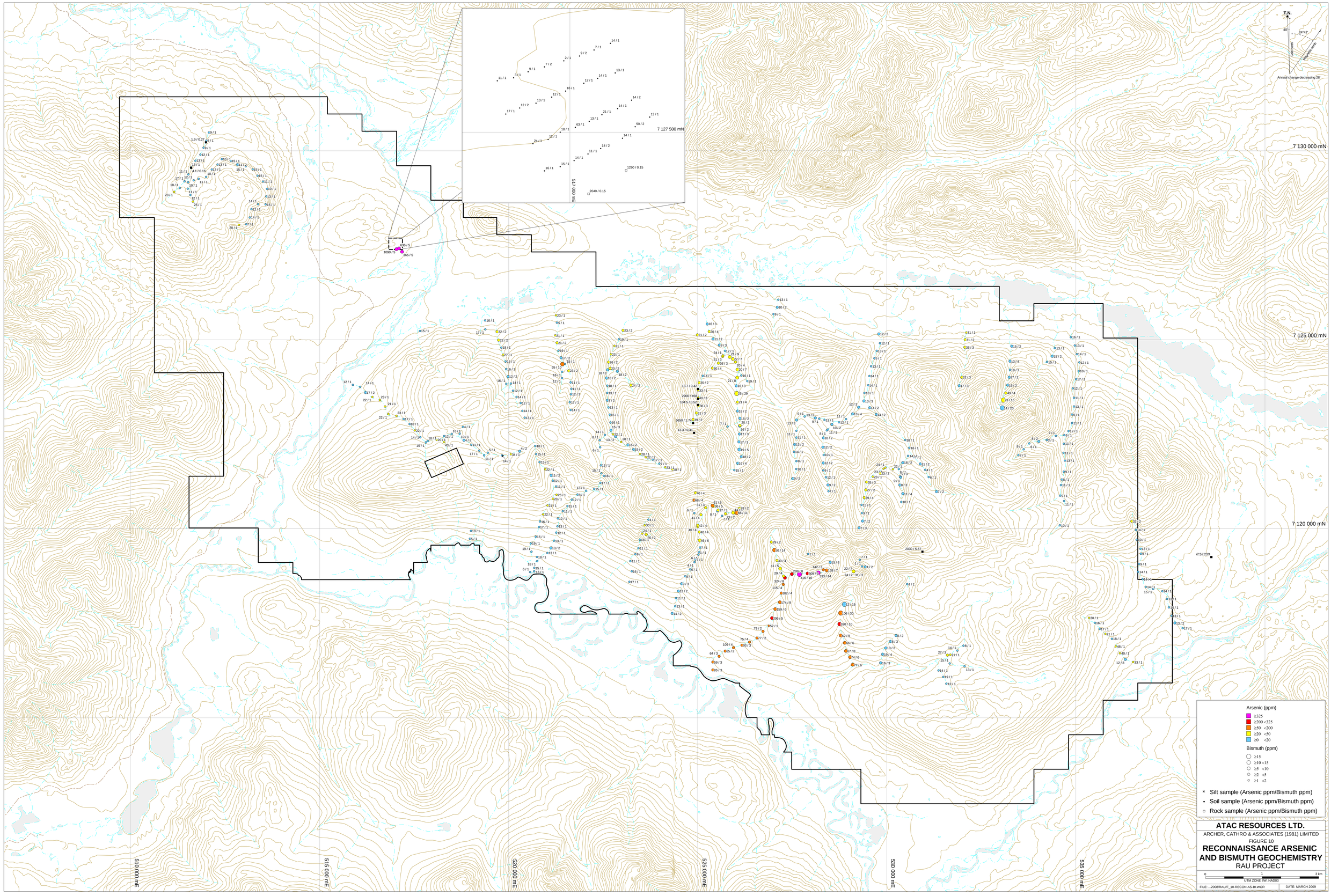
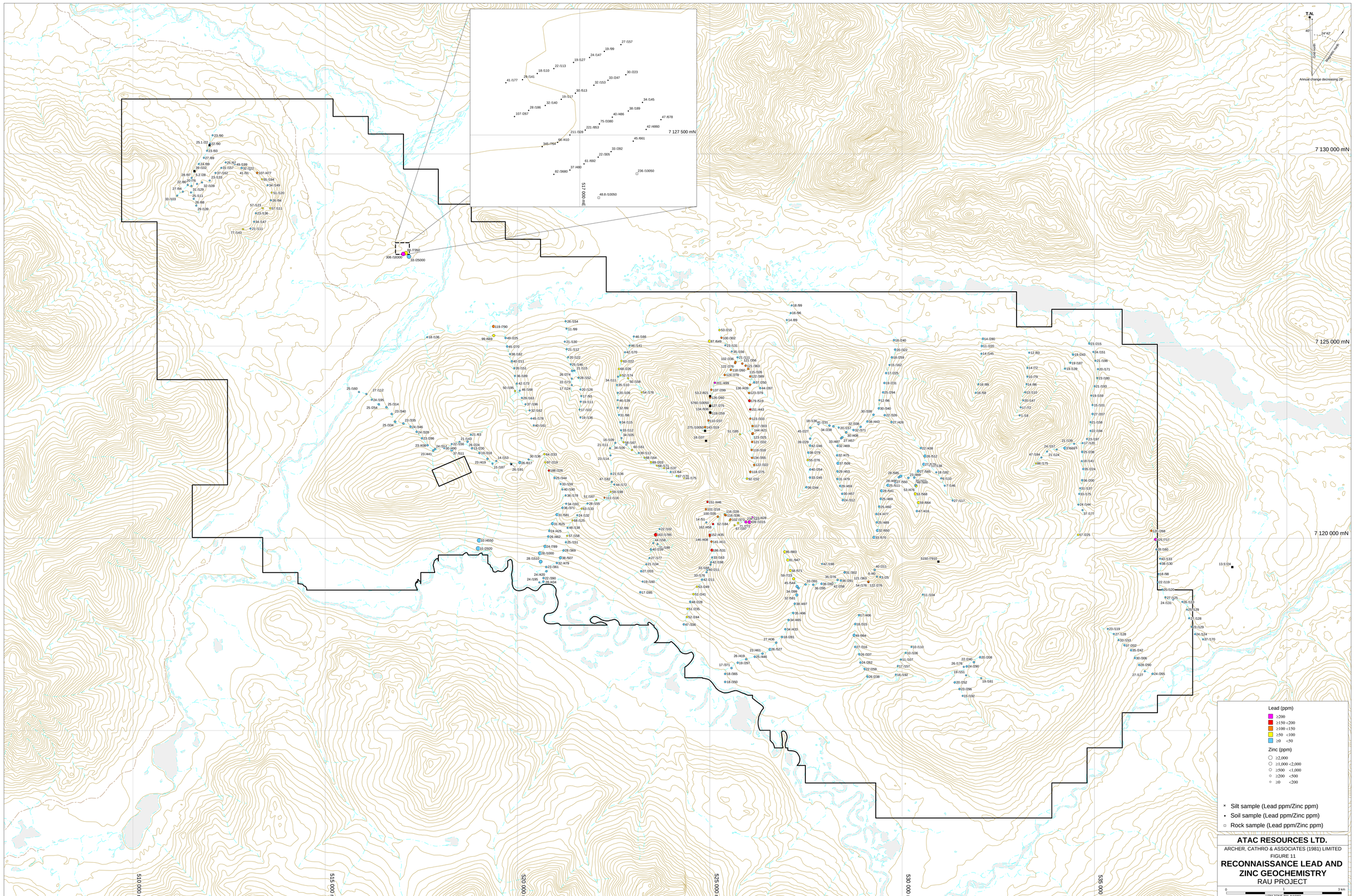
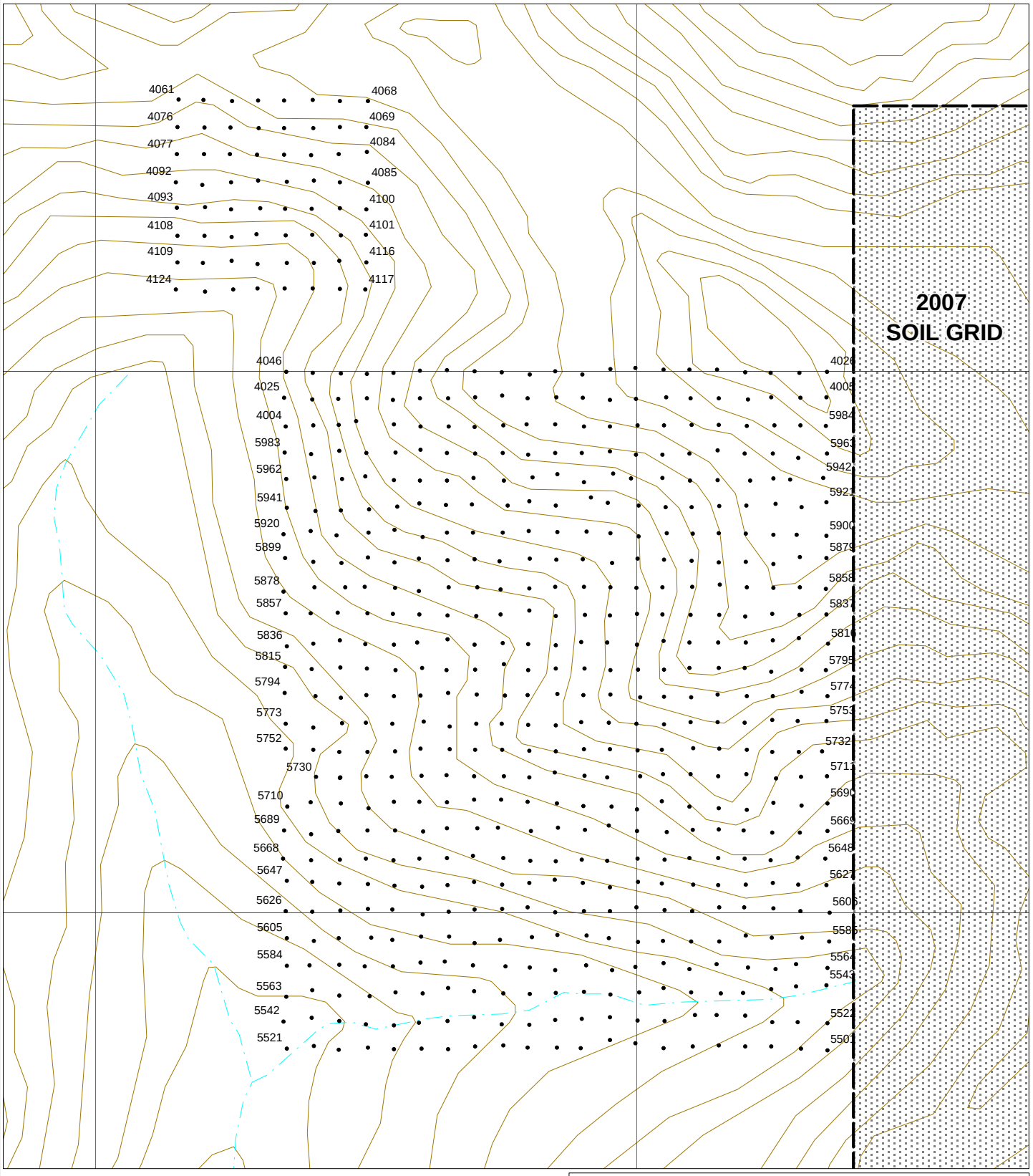
FIGURE 9
RECONNAISSANCE GOLD AND SILVER GEOCHEMISTRY
RAU PROJECT
0
1
3 km
UTM ZONE 8W, NAD83
FILE: ...2008/RAU/F_9-RECON-AU-AG.WOR
DATE: MARCH 2009


T.N.
40°
24°42'
Grid north
Magnetic north
Annual change decreasing 28'
7 130 000 mN
7 125 000 mN
7 120 000 mN
7 127 500 mN
517 000 mE
510 000 mE
515 000 mE
520 000 mE
525 000 mE
530 000 mE
535 000 mE
Arsenic (ppm)
≥325
≥200 <325
≥50 <200
≥20 <50
≥0 <20
Bismuth (ppm)
≥15
≥10 <15
≥5 <10
≥2 <5
≥1 <2
Silt sample (Arsenic ppm/Bismuth ppm)
Soil sample (Arsenic ppm/Bismuth ppm)
Rock sample (Arsenic ppm/Bismuth ppm)
ATAC RESOURCES LTD.
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
FIGURE 10
RECONNAISSANCE ARSENIC AND BISMUTH GEOCHEMISTRY
RAU PROJECT
0 1 3 km
UTM ZONE 9W, NAD83
FILE: ...2008/RAU/F_10-RECON-AS-BI.WOR
DATE: MARCH 2009


7 130 000 mN
7 125 000 mN
7.120 000 mN
7 127 500 mN
517 000 mE
510 000 mE
515 000 mE
520 000 mE
525 000 mE
530 000 mE
535 000 mE
T.N.
40°
24°42'
Grid north
Magnetic north
Annual change decreasing 28'
Lead (ppm)
≥200
≥150 <200
≥100 <150
≥50 <100
≥0 <50
Zinc (ppm)
≥2,000
≥1,000 <2,000
≥500 <1,000
≥200 <500
≥0 <200
Silt sample (Lead ppm/Zinc ppm)
Soil sample (Lead ppm/Zinc ppm)
Rock sample (Lead ppm/Zinc ppm)
ATAC RESOURCES LTD.
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
FIGURE 11
RECONNAISSANCE LEAD AND ZINC GEOCHEMISTRY
RAU PROJECT
0
1
3 km
UTM ZONE 8W, NAD83
FILE: ...2008/RAU/F_11-RECON-PB-ZN.WOR
DATE: MARCH 2009



- Soil sample location

ATAC RESOURCES LTD.

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

FIGURE 12

SOIL SAMPLE LOCATIONS - 2008 GRID -

RAU PROJECT

0 10 50 m

FILE: ...2008/RAU/F_12-SOIL_SAMPLES.WOR | DATE: MARCH 2009

WAU PROPERTY

7 120 000 mN

7 119 000 mN

7 118 000 mN

7 117 000 mN

528 000 mE

529 000 mE

530 000 mE

531 000 mE

532 000 mE

T.N.

40°

24°42'

Grid north

Magnetic north

Annual change decreasing 28'

Gold (ppb)

- 500
- 200
- 100
- 50
- 20
- 10

2008 rock sample (gold in ppb)

Pre-2008 rock sample (lead in ppm)

Contact

Thrust Fault

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FIGURE 13

GOLD GEOCHEMISTRY

- MAIN GRID -

RAU PROJECT

0 100 500 m

UTM ZONE 8W, NAD83

FILE: ...2008/RAU/F_13-GOLD.WOR

DATE: MARCH 2009

WAU PROPERTY

7 120 000 mN

7 119 000 mN

7 118 000 mN

7 117 000 mN

528 000 mE

529 000 mE

530 000 mE

531 000 mE

532 000 mE

T.N.

40°

24°42'

Grid north

Magnetic north

Annual change decreasing 28'

Arsenic (ppm)

- 500
- 200
- 100
- 50
- 20
- 10

Rock sample (arsenic in ppm)

Pre-2008 rock sample (arsenic in ppm)

Contact

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FIGURE 14

ARSENIC GEOCHEMISTRY
- MAIN GRID -
RAU PROJECT

0 100 500 m

UTM ZONE 8W, NAD83

FILE: ...2008/RAU/F_14-ARSENIC.WOR

DATE: MARCH 2009

WAU PROPERTY

7 120 000 mN

7 119 000 mN

7 118 000 mN

7 117 000 mN

528 000 mE

529 000 mE

530 000 mE

531 000 mE

532 000 mE

T.N.

40°

24°42'

Grid north

Magnetic north

Annual change decreasing 28'

Bismuth (ppm)

- 200
- 100
- 50
- 20
- 10
- 5
- 2

Rock sample (bismuth in ppm)

Pre-2008 rock sample (bismuth in ppm)

Contact

Thrust Fault

ATAC RESOURCES LTD.

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

FIGURE 15

BISMUTH GEOCHEMISTRY

- MAIN GRID -

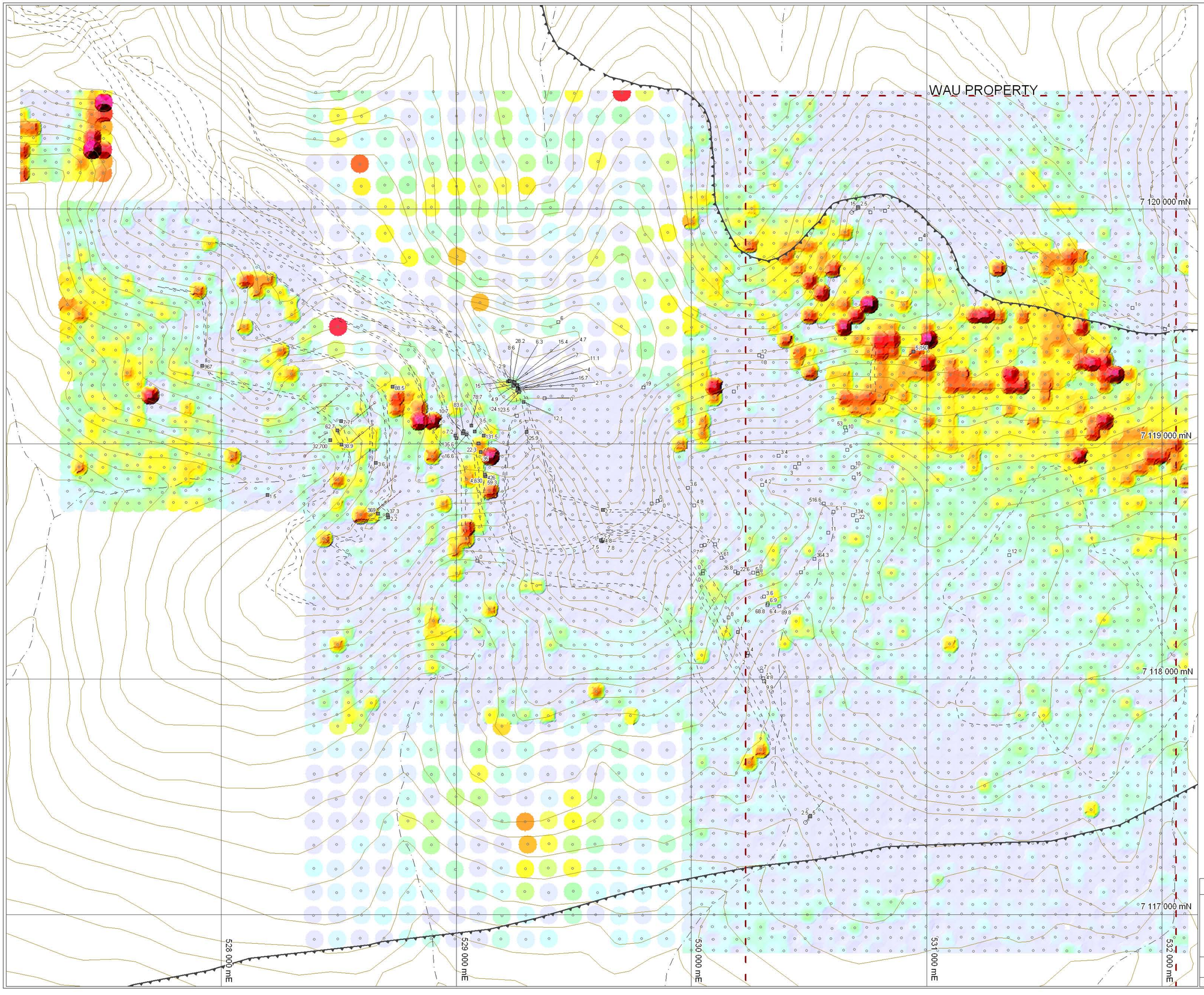
RAU PROJECT

0 100 500 m

UTM ZONE 8W, NAD83

FILE: ...2008/RAU/F_15-BISMUTH.WOR

DATE: MARCH 2009



ATAC RESOURCES LTD.

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

FIGURE 16

LEAD GEOCHEMISTRY
- MAIN GRID -
RAU PROJECT

0 100 500 m

UTM ZONE 8W, NAD83

FILE: ...2008/RAU/F_16-LEAD.WOR | DATE: MARCH 2009

WAU PROPERTY

7 120 000 mN

7 119 000 mN

7 118 000 mN

7 117 000 mN

528 000 mE

529 000 mE

530 000 mE

531 000 mE

532 000 mE

T.N.

40°

24°42'

Grid north

Magnetic north

Annual change decreasing 28'

Zinc (ppm)

- 5,000
- 2,000
- 1,000
- 500
- 200
- 100

Rock sample (zinc in ppm)

Pre-2008 rock sample (zinc in ppm)

Contact

Thrust Fault

ATAC RESOURCES LTD.

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

FIGURE 17

ZINC GEOCHEMISTRY
- MAIN GRID -
RAU PROJECT

0 100 500 m

UTM ZONE 8W, NAD83

FILE: ...2008/RAU/F_17-ZINC.WOR

DATE: MARCH 2009

WAU PROPERTY

7 120 000 mN

7 119 000 mN

7 118 000 mN

7 117 000 mN

528 000 mE

529 000 mE

530 000 mE

531 000 mE

532 000 mE

T.N.

40°

24°42'

Grid north

Magnetic north

Annual change decreasing 28'

Tungsten (ppm)

- 100
- 50
- 20
- 10
- 5

Rock sample (tungsten in ppm)

Pre-2008 rock sample (tungsten in ppm)

Contact

Thrust Fault

ATAC RESOURCES LTD.

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

FIGURE 18

TUNGSTEN GEOCHEMISTRY - MAIN GRID -

RAU PROJECT

0 100 500 m

UTM ZONE 8W, NAD83

FILE: ...2008/RAU/F_18-TUNGSTEN.WOR

DATE: MARCH 2009

The Lower Horizon is not known to outcrop and has only been intersected in one drill hole. It consists of relatively massive, very coarse grained pyrite with minor sphalerite and traces of arsenopyrite and bismuthinite. Compared to the Discovery Horizon, gold values are lower in this horizon but silver and zinc values are much higher.

The gold and sulphide minerals are localized along an anticlinal hinge directly beneath volcaniclastic horizons that may have served as impermeable caps. Sulphides appear to extend further down the limbs than does gold. Axial planar cleavage may have controlled veining in the Upper horizon but no significant veining has been observed in the Discovery or Lower Horizons. Gold is concentrated along the top and bottom of the sulphide-rich section in the Discovery Horizon.

Two samples of oxidized subcrop collected from the Tiger Showing yielded 22.5 g/t gold, >1% arsenic, 415 ppm bismuth and 116 ppm tungsten and 13.6 g/t gold, >1% arsenic, 410 ppm bismuth and 51.9 ppm tungsten. A limonitic float sample taken 90 m downstream contained 241 g/t silver, 3730 ppm arsenic, 388 ppm bismuth, 3.27% lead and 2.09% zinc (no mineralization of this character has been intersected in drill holes or discovered in outcrop).

Another area of mineralized float (Cub Showing) was found 575 m to the east of the Tiger Showing. This area is about 110 m wide by 250 m long and is thought to be a distal exposure of the middle horizon on the north limb of a large syncline. This structural model is illustrated as an inset map on Figure 6. Samples from the Cub Showing returned peak gold values of 1.15 g/t and 1.08 g/t. Neither of these samples had any noteworthy values for other metals. A sample taken from the southeastern edge of this showing contained 18.15 g/t silver, 4630 ppm lead and >1% zinc. Nine other samples collected from the showing returned 0.98 to 6.54 g/t silver. Three of these samples also contained large amounts of bismuth (1645 ppm, 1990 ppm and 6160 ppm), while most of other samples had >200 ppm. The highest tungsten value at this showing was 233 ppm, from the sample that contained 1990 ppm bismuth.

The Ridge Showing is a gossan located about 375 m southeast of the Tiger Showing. A soil sample site within this gossan yielded an exceptionally high gold value (11.65 g/t); but surprisingly the only two rock samples taken in the area returned low gold values. One of these samples, which contained siderite, returned 8.24 g/t silver, 369 ppm lead and 15.95% zinc, while the other yielded >1% arsenic, 36.1 ppm bismuth 92.4 ppm tungsten and 1285 ppm zinc.

A sample of limonitic vein breccia float collected 1600 m southeast of the Tiger Showing in 2006 yielded 1.24 g/t gold, 2.2 g/t silver, 427.9 ppm bismuth and 206.5 ppm tungsten. The sample site is in a heavily vegetated area that has not yet been systematically prospected.

Another encouraging limonitic float sample was taken along a ridge 650 m northwest of the Tiger Showing. This sample yielded 1580 ppm arsenic, 967 ppm lead, 4760 ppm zinc and 82.6 ppm tungsten, but only 5 ppb gold.

Several more pieces of limonitic float were discovered in a north flowing drainage 5.5 km northwest of the Tiger Showing. This occurrence is known as the Panther Showing. A sample of this material yielded 4.53 g/t silver, 2900 ppm arsenic, 458 ppm bismuth, 5760 ppm lead, >1%

zinc and 47.7 ppm tungsten. While a second sample, collected 650 m upstream, returned 8.96 g/t silver, 5650 ppm arsenic, 275 ppm lead and >1% zinc. Both samples contained less than 16 ppb gold.

Scheelite Skarns

Scheelite in tremolite skarn (Flat Top Showing) is localized along the contact between Bouvette Formation carbonate rocks and Keno Hill Quartzite argillaceous strata, about 1300 m north of the Rackla Pluton. Churchill (1980) reported rock samples that assayed up to 8.38% WO_3 but most samples collected from the zone grade less than 0.04% WO_3. The showing is marked by approximately coincident, moderately to strongly anomalous tungsten, copper and gold soil geochemical values, which form a target about 600 m long and up to 300 m wide. In 2008, Yankee Hat drilled one hole at this location. The results of this drilling are contained in a separate report (Dumala, 2008). The hole was intended to test for the source of the mineralized skarn float but the hole was collared to far downhill, cutting only Keno Hill Quartzite with no significant mineralization.

Scheelite in tremolite skarn is also reported by Prism 3.5 km further to the northeast at the Blue Lite Showing (Churchill, 1980). The scheelite occurs as disseminations with massive pyrrhotite and minor chalcopyrite. Samples from this showing returned between 0.02% and 4.3% WO_3. Drilling done by Prism in 1979 returned between 0.02% and 0.08% WO_3.

Pyrrhotite±scheelite±chalcopyrite in actinolite-diopside±garnet skarns are found in the eastern part of the property, in an area where granitic dykes and sills intrude Bouvette Formation carbonates near hornfelsed volcaniclastic horizons about 700 m west of the Rackla Pluton. Samples of this material grade between 0.06 and 0.5% WO_3. Gold values are generally low (< 20 ppb). Typically copper grades are between 200 and 2500 ppm. Surprisingly, soil geochemical response in the areas of known mineralization is quite subdued for all metals.

In 2008 Yankee Hat drilled two holes near the pluton to test for tungsten mineralization in actinolite±diopside skarns. Results from these holes are described in another report (Dumala, 2008). The holes targeted magnetic anomalies in Bouvette Formation, south and west of the pluton. Both holes intersected narrow skarn bands. The best intersection from these holes was 781 ppm tungsten over 1.08 m. Some of the skarns also yielded elevated tantalum values to a maximum of 113.5 ppm over 3.0 m.

Wolframite±Tantalite

Wolframite crystals up to 5 mm long occur as disseminations and on fractures in the Rackla Pluton and various dykes and sills. Samples of rock containing visible wolframite commonly grade between 500 and 4000 ppm WO_3, while tantalum values range from 5 ppm to 153.7 ppm.

Now Showing

Gold vein mineralization at the Now Showing is situated on the Now claims, which are owned by independent prospectors. Soil samples collected by Prism in 1977 identified an anomalous

area near the centre of these claims. One of these samples produced 7.4 g/t silver, 2300 ppm lead and 307 ppm zinc. A test pit dug at this location yielded a rock sample grading 74 g/t silver, 2.15% lead and 790 ppm zinc (Montgomery and Dewonck, 1977). In 1978 Prism attempted to trench to bedrock around this showing but the work was hindered by permafrost (Prism 1979). However, two samples of quartz rubble containing boulangerite, which were taken from the trench, returned 38.06 g/t gold, 343.55 g/t silver, 47.2% lead and 0.01% zinc and 39.43 g/t gold, 581.49 g/t silver, 23.26% lead and 0.06% zinc.

In 1979, Prism completed six holes on the Now claims (Dewonck, 1980). Two of these tested beneath the mineralized hand trench. The first hole intersected boulangerite and sphalerite in a narrow quartz vein, a sample from which produced 1.51 g/t gold, 54.5 g/t silver, 2.74% lead and 5.26% zinc over 0.5 m. The second hole, drilled from the same pad at a steeper angle, intersected a quartz vein that assayed 3.50 g/t gold, 60.3 g/t silver, 4.64% lead and 0.04% zinc over 1.1 m.

Transported Gossans

Two prominent hydromorphyically transported gossans are known on the Rau property. One gossan (Kathy Showing) is located approximately 750 m southeast of the Rackla Pluton. Soil samples collected from it by Prism in 1978 returned lead values ranging from 33 to 90 ppm and zinc values ranging from 95 to 3900 ppm. Another gossan (EL Showing) is located in the northwest corner of the property. It was first identified by Prism in 1978 (Montgomery, 1978). The mineralization at this location has been described as dolomite rubble cemented by iron oxides carrying high values of zinc and lead. Soil samples collected taken from this gossan returned peak values of 3.8 g/t silver, 800 ppm lead and 12.2% zinc. The source of metals in these gossans has not been determined.

GEOCHEMISTRY

General

In 2008, crews performed stream sediment sampling along most drainages on the Rau property, established a small soil grid over the El Showing and extended grid soil sample coverage in two areas along strike to the northwest of the Tiger Showing. Reconnaissance-scale stream sediment and soil sample locations are shown on Figure 7, while results for gold-silver, arsenic-bismuth and lead-zinc are presented on Figures 9 to 11, respectively. Sample locations for 2008 grid soil samples near the Tiger Showing are illustrated on Figure 12. Gold, arsenic, bismuth, lead, zinc and tungsten results for the 2007 and 2008 grids are shown on figures 13 to 18 respectively.

Where possible, stream sediment samples were collected at approximately 200 m intervals along each creek. Stream sediment sample sites were located by GPS and are marked with orange flagging labeled with the sample number. Grid soil sampling was conducted on three grids in 2008, one immediately west of the 2007 grid and another about 150 m further to the northwest and the third at the EL Showing. All grid samples were collected at 50 m intervals on compass- and topofil-controlled lines spaced 50 m apart. Baselines were orientated north-south and sample lines were run east-west. The relative positions of the grids were established with GPS

readings on the baselines. Baselines and sample sites are marked by wooden lath bearing aluminum tags inscribed with the grid coordinates and the corresponding sample number.

All soil samples were collected from holes, which were dug with a mattock or augered to depths of 20 to 50 cm below surface. The soil was taken from the bottom of the holes and placed in pre-numbered Kraft paper bags. Above treeline, the samples consisted of immature soils mixed with talus fines. At lower elevations, the sampled material mostly comprised residual soils or glacially transported material.

The samples were transported from the property to Whitehorse in the custody of Archer Cathro employees. From there, they were shipped to ALS Chemex in North Vancouver. At the lab, stream sediment and soil samples were dried and screened to -35 mesh to produce a fine fraction, which was then pulverized to 85% passing 75 microns. Splits of the pulverized fraction were routinely dissolved in aqua regia and analyzed for 35 elements using the ICP-AES technique (ME-ICP41). All samples were also analyzed for gold using fire assay and ICP-AES (Au-ICP21). Certificates of Analysis appear in Appendix II.

Results

Background and anomalous values for gold, arsenic, bismuth lead, zinc and tungsten were calculated for the stream sediment and soil samples collected from the property. Background averages and weak, moderate and strong anomalous thresholds approximately correspond to the 50th, 90th, 98th and 99th percentiles for stream sediment samples and 50th, 95th, 98th and 99th percentiles for soil samples. The geochemical characteristics are summarized in the following tables.

Table II: Geochemical Characteristics for Stream Sediments

Level	Gold	Arsenic	Bismuth	Lead	Zinc	Tungsten
Background	4	15	1	19	200	5
Weak	20	50	5	100	500	10
Moderate	50	200	10	150	1000	20
Strong	70	325	15	200	2000	30
Peak	179	1090	30	439	25000	50

(all values are ppm except gold which is ppb)

Table III: Geochemical Characteristics for Soils

Level	Gold	Arsenic	Bismuth	Lead	Zinc	Tungsten
Background	2	15	2	21	180	10
Weak	20	50	10	100	500	20
Moderate	50	100	20	200	1000	50
Strong	100	500	50	500	2000	100
Peak	11650	>10000	548	2570	2680	>10000

(all values are ppm except gold which is ppb)

Samples from the creek draining the Tiger Showing (Tiger Creek) returned the most anomalous gold and arsenic value, ranging from 4 to 179 ppb gold and 15 to 416 ppm arsenic. Most of the values exceeded 20 ppb gold and 100 ppm arsenic. The three highest gold and two highest arsenic values on the property are from samples taken along this creek. Bismuth contents ranged from 1 to 16 ppm.

The creek located immediately southeast of Tiger Creek was moderately to strongly anomalous for arsenic and bismuth. Arsenic in samples collected from this creek ranged from 12 to 320 ppm, while bismuth ranged from 6 to 30 ppm. The peak gold value was 13 ppb. This drainage contains the second highest arsenic and highest bismuth values on the property.

Continuing to the southeast, a drainage immediately south of the Rackla Pluton produced the fourth highest gold value (87 ppb). Other elements do not show significant enrichment in this sample.

Stream sediment samples taken from three drainages, located about 3.5 km northwest of Tiger Creek, produced moderately to strongly anomalous lead values. Two of these creeks flow northward away from the main ridge while the other flows toward the south. Lead from samples taken in the southern drainage ranged from 33 to 439 ppm, with 14 of the 18 samples collected in the headwaters of this drainage returning over 100 ppm lead. The sample that yielded the peak lead value also yielded 23 ppb gold, 66 ppm arsenic and 1015 ppm zinc. Lead values from samples collected along the two creeks that flow north ranged from 21 to 201 ppm, with all but 5 of the 34 samples containing more than 100 ppm lead. Gold ranged from 0.5 to 36 ppb, with 17 of the samples returning over 15 ppb. Limonitic float, which was described in the Mineralization section as the Panther Showing, was collected from the western of these north flowing drainages.

In addition to the stream sediment sampling, the reconnaissance-scale sampling included the small soil grid at the EL Showing (32 samples collected in a 160 m by 200 m area). Samples from this grid returned peak values of 4860 ppm zinc, 345 ppm lead and 63 ppm arsenic. Nearby stream sediment samples yielded up to 2.5% zinc, 306 ppm lead and 1090 ppm arsenic. These results are particularly significant because lead is rarely present in hydrologically transported gossans. Its presence suggests that metals were precipitated from highly acidic groundwater that is leaching a source that is very rich in sulphide minerals.

Besides identifying metal rich environments, reconnaissance samples can be used to better understand the distribution of various lithologies on the property. Samples that are predominantly sourced from non-carbonate rocks have calcium values less than 10%. Where elevated calcium is present, the ratio of magnesium to calcium plus magnesium can be used to distinguish between limestone and dolomite source rock. Most of the carbonate-rich samples have Mg/(Mg+Ca) ratios greater than 0.3, indicating a dolomite source; however, samples collected from Tiger Creek and the creek immediately southeast of it returned ratios closer to 0.1, suggesting marble or limestone in the source area.

Soil samples taken from the two grids at the Tiger Showing outlined a northwesterly extension of a previously defined anomalous trend that extends outward from the Rackla Pluton. This anomalous trend is most clearly displayed by bismuth results, which define two parallel belts,

250 m apart. Results for other metals are stronger and most consistent in the southerly of the two belts, which passes directly through the Tiger Showing. The other belt crosses the Cub Showing and may mark the surface trace of the Discovery Horizon on the north side of a large syncline.

Most samples from the 2007 and 2008 soil grids returned less than 5 ppb gold. Peak values are in the vicinity of the Tiger Showing and include 11.65 g/t and 2.92 g/t. Peak arsenic (>1%) and bismuth (548 ppm) results were also obtained in this area. Other moderately to strongly anomalous gold values on this grid are mostly near the Rackla Pluton. A sample from one of these areas returned comprising 0.99 g/t gold and 410 ppm arsenic.

Samples collected from the more northwesterly of 2008 grids yielded very strong lead and zinc results. Lead values include 2570 and 2440 ppm, while zinc returned a peak value that exceeds the upper geochemical detection limit of 10,000 ppm. Most gold values from this grid are below 5 ppb but some moderately anomalous results were obtained to a maximum of 88 ppb.

Tungsten results from the grid sampling are highest near the pluton. The peak value (2680 ppm) is located south of the pluton, along the edge of the soil grid. This sample is not elevated in any other metals. Strong tungsten results were also returned from samples collected near the Tiger Showing (up to 200ppm) and Ridge Showing (up to 610 ppm). Some samples collected at the Ridge Showing were also anomalous for bismuth (410 ppm), gold (43 ppb) and copper (91 ppm).

DIAMOND DRILLING

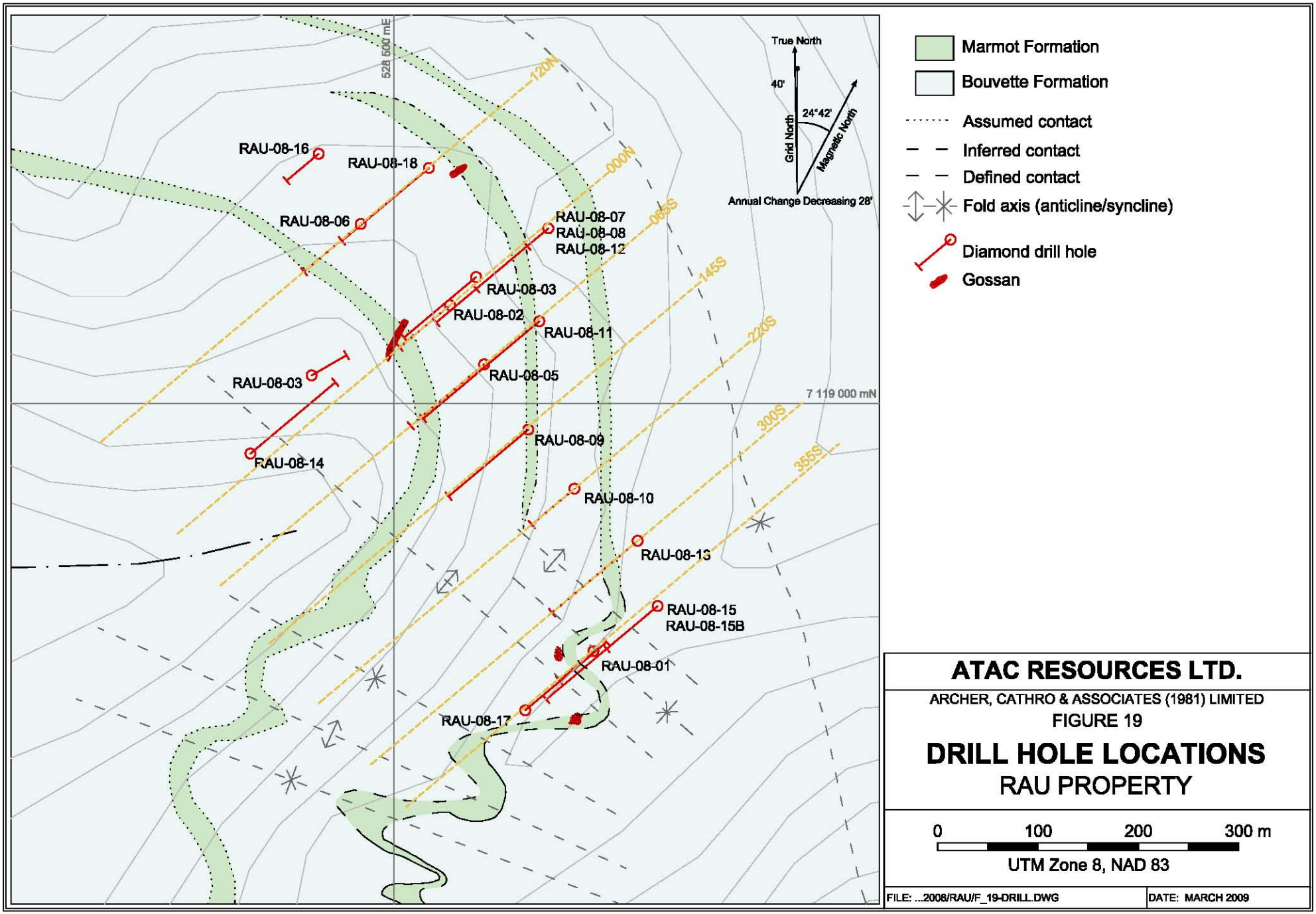
General

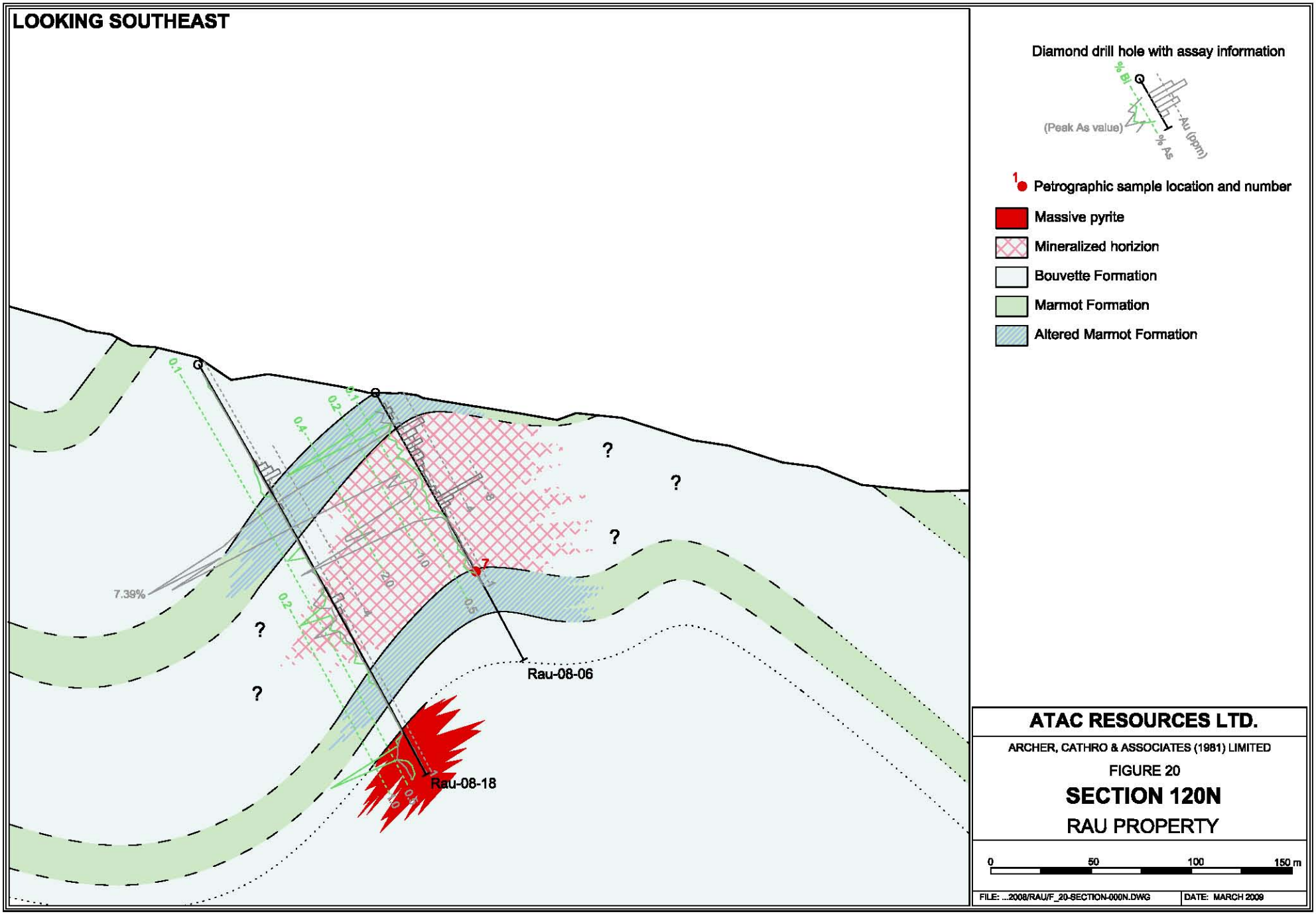
Drilling was done between June 13 and August 30 and was contracted to Superior Diamond Drilling of Kelowna, BC. The work was completed with a Mandrill 1200 diesel-powered drill using BTW equipment. A total of 3423.21 m of diamond drilling were completed in 18 holes.

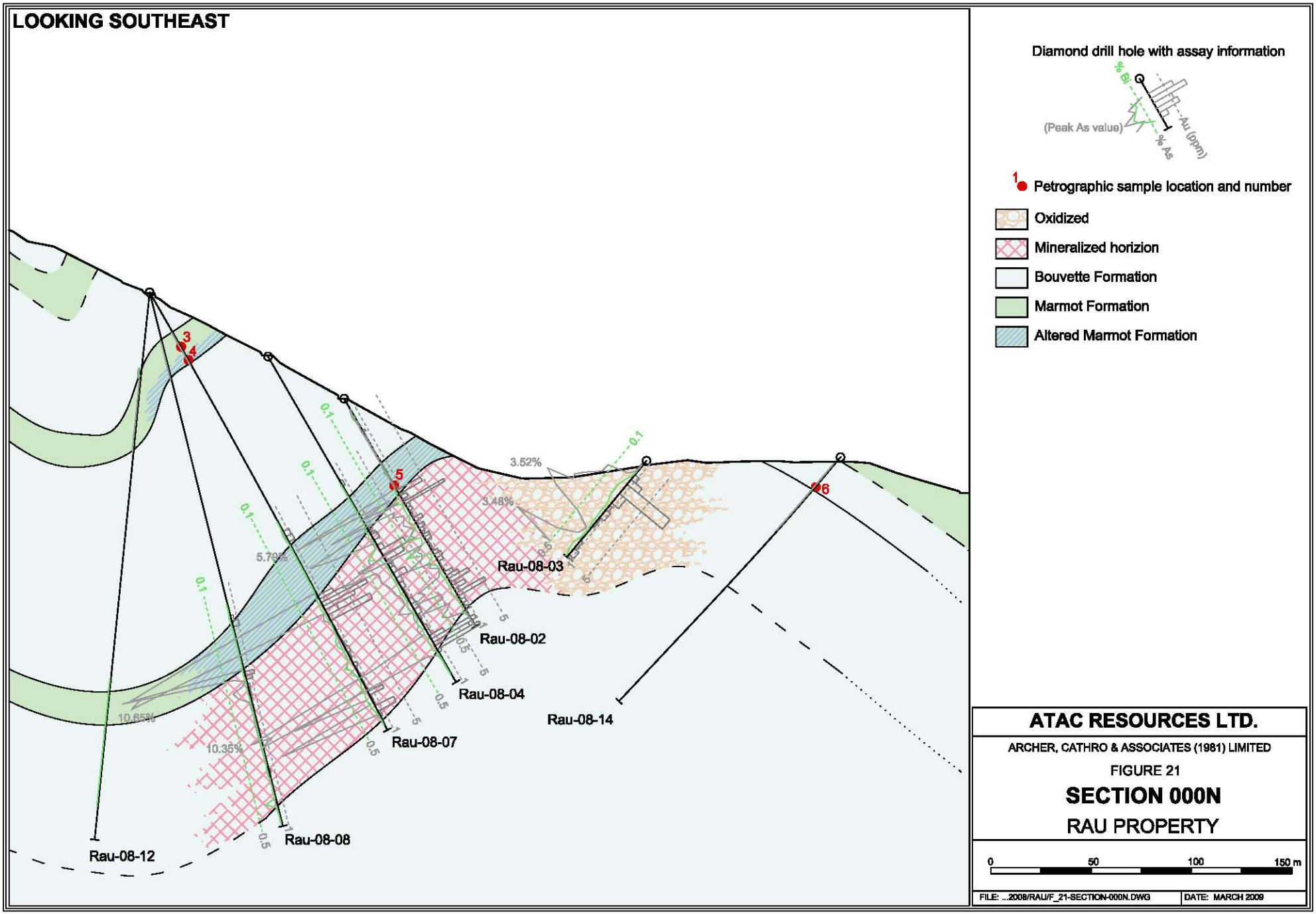
The 2008 holes focused on the Tiger Showing and tested along an anticlinal fold axis over a strike length of 560 m (Figure 19). Individual drill sections are shown on Figures 20 to 26. All drill sites were constructed by hand using rock, soil and timber found nearby. Drill data for the holes is listed in Table II.

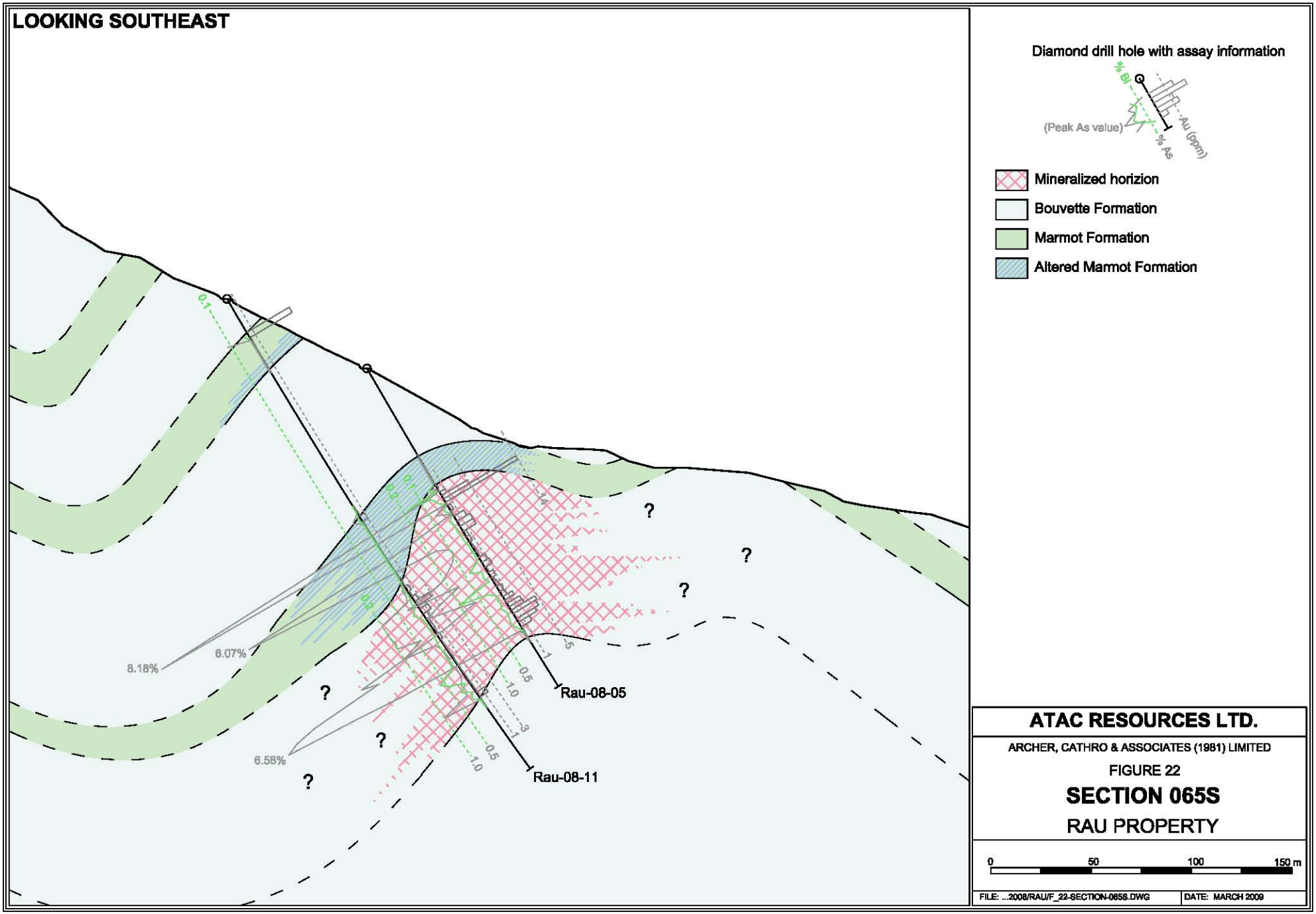
Table IV: Drill Hole Data

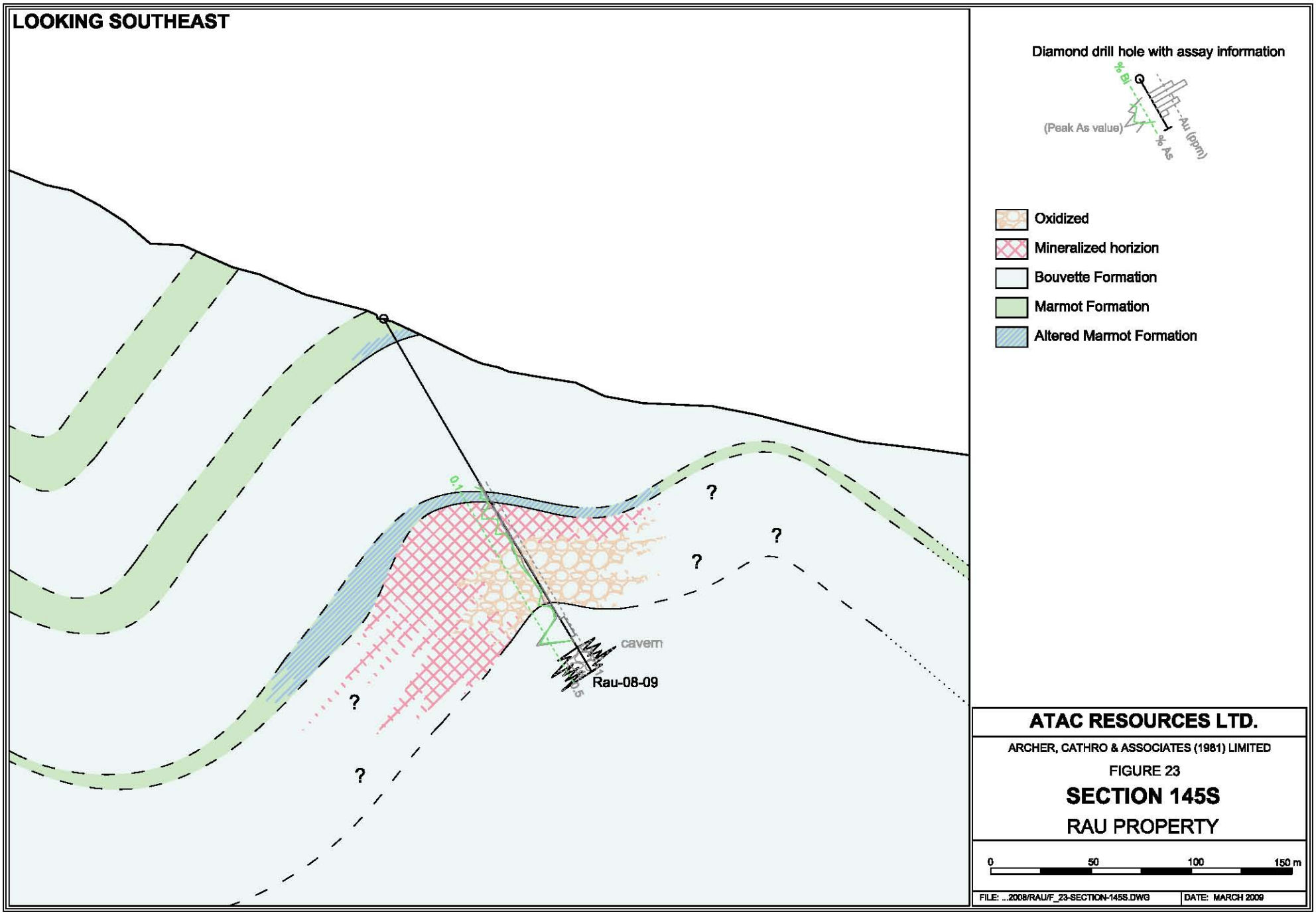
Hole	Easting	Northing	Elevation (m)	Azimuth	Angle	Depth (m)
Rau-08-01	528699	7118753	1384	230°	-60°	94.49
Rau-08-02	528556	7119098	1273	230°	-60°	131.06
Rau-08-03	528420	7119030	1242	060°	-50°	64.01
Rau-08-04	528578	7119122	1296	230°	-60°	187.45
Rau-08-05	528590	7119039	1288	230°	-60°	187.45
Rau-08-06	528467	7119179	1176	230°	-60°	152.40
Rau-08-07	528628	7119153	1339	230°	-60°	248.41
Rau-08-08	528628	7119153	1339	230°	-76°	274.32
Rau-08-09	528634	7118974	1313	230°	-60°	204.22

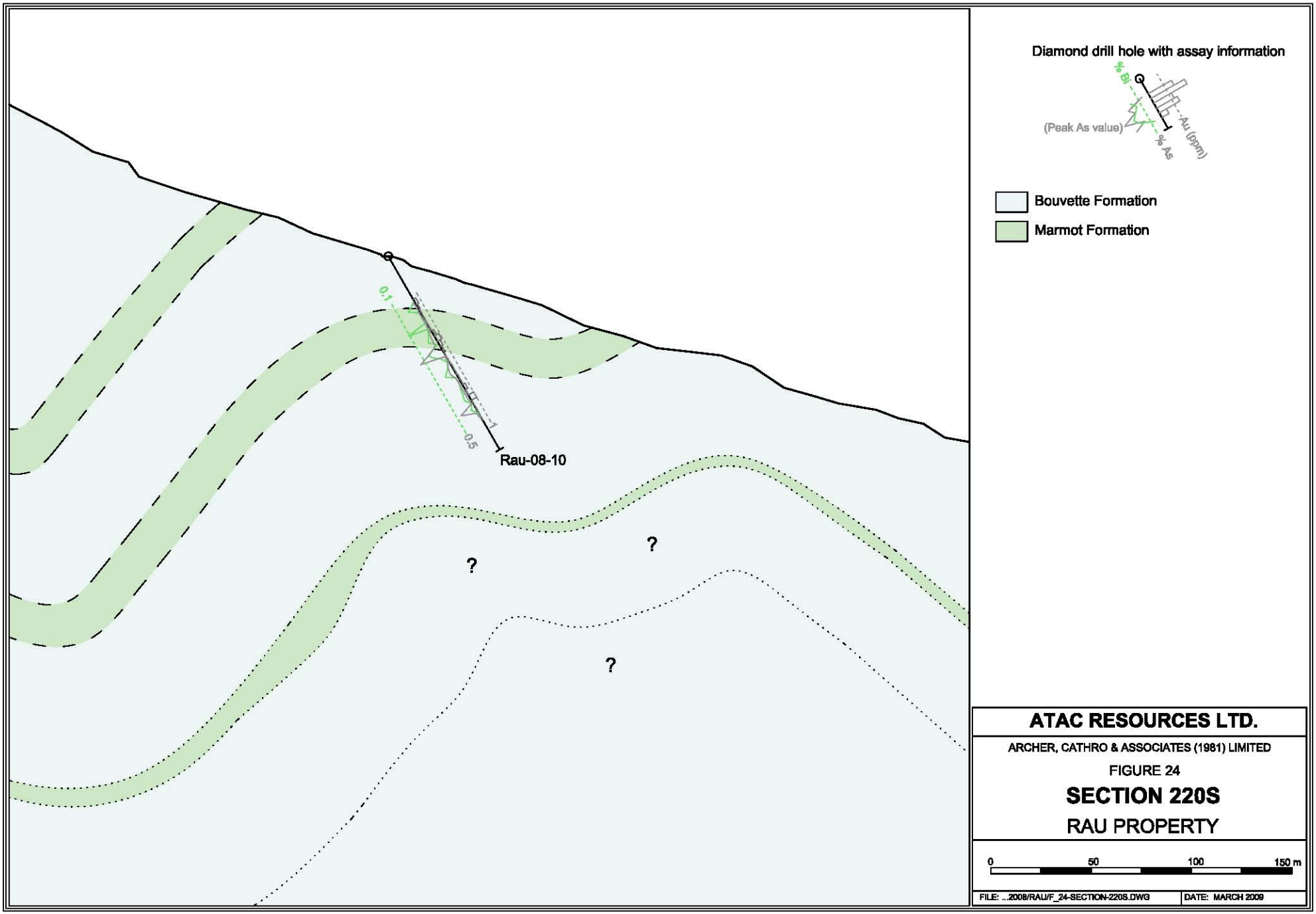

528 500 mE
7 119 000 mN
True North
40'
24°42'
Grid North
Magnetic North
Annual Change Decreasing 28'
120N
000N
065S
145S
220S
300S
355S
RAU-08-16
RAU-08-18
RAU-08-06
RAU-08-07
RAU-08-08
RAU-08-12
RAU-08-03
RAU-08-02
RAU-08-11
RAU-08-05
RAU-08-03
RAU-08-14
RAU-08-09
RAU-08-10
RAU-08-13
RAU-08-15
RAU-08-15B
RAU-08-01
RAU-08-17
Marmot Formation
Bouvette Formation
Assumed contact
Inferred contact
Defined contact
Fold axis (anticline/syncline)
Diamond drill hole
Gossan
ATAC RESOURCES LTD.
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
FIGURE 19
DRILL HOLE LOCATIONS
RAU PROPERTY
0
100
200
300 m
UTM Zone 8, NAD 83
FILE: ...2008/RAU/F_19-DRILL.DWG
DATE: MARCH 2009

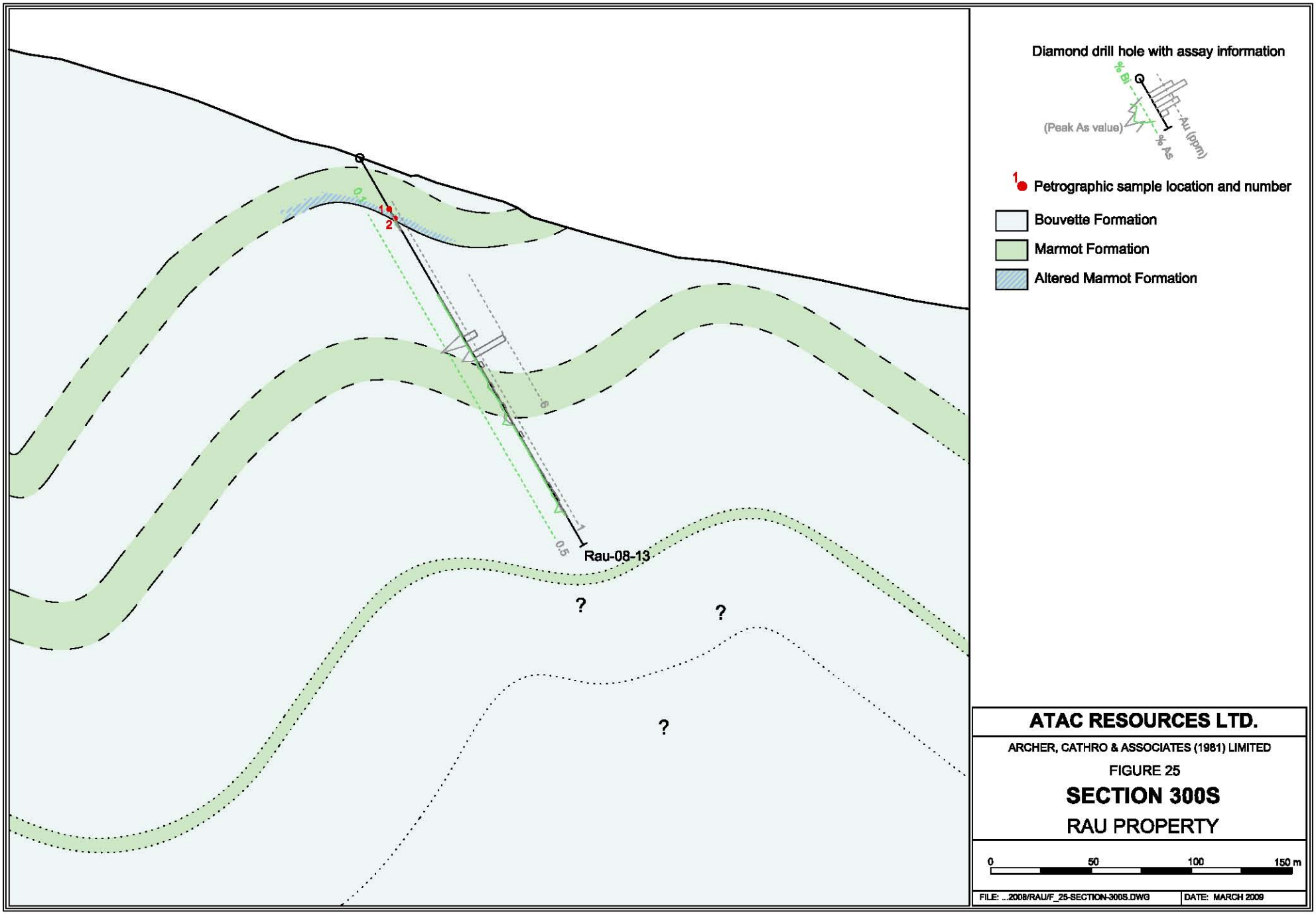

LOOKING SOUTHEAST
Diamond drill hole with assay information
% Bi
(Peak As value)
% As
Au (ppm)
1
Petrographic sample location and number
Massive pyrite
Mineralized horizion
Bouvette Formation
Marmot Formation
Altered Marmot Formation
7.39%
Rau-08-06
Rau-08-18
?
ATAC RESOURCES LTD.
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
FIGURE 20
SECTION 120N
RAU PROPERTY
0
50
100
150 m
FILE: ...2008/RAU/F_20-SECTION-000N.DWG
DATE: MARCH 2009

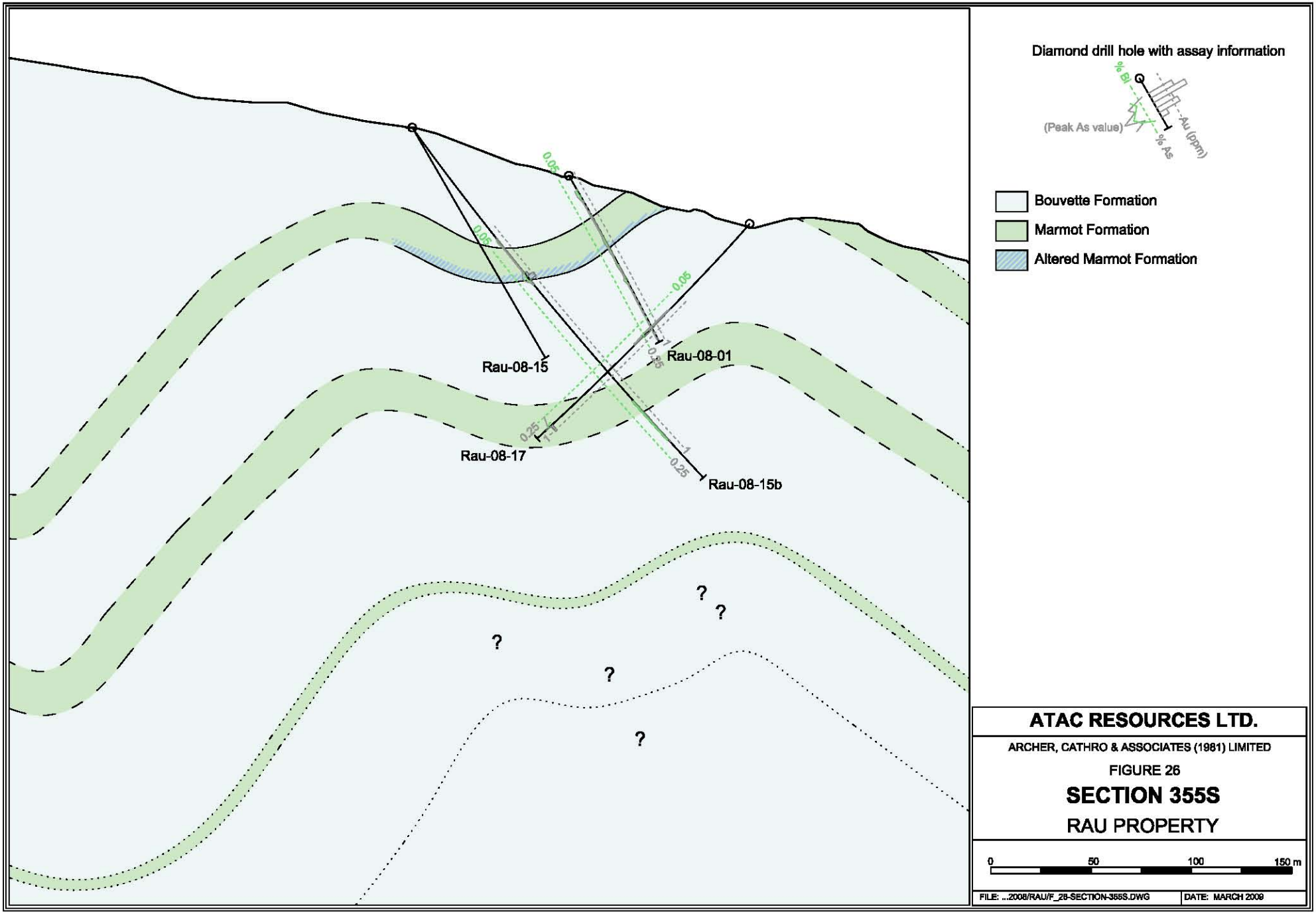

LOOKING SOUTHEAST
Diamond drill hole with assay information
% Bi
(Peak As value)
% As
Au (ppm)
1
Petrographic sample location and number
Oxidized
Mineralized horizion
Bouvette Formation
Marmot Formation
Altered Marmot Formation
3
4
5
6
0.1
0.5
1
5
3.52%
3.48%
5.79%
10.65%
10.35%
Rau-08-12
Rau-08-08
Rau-08-07
Rau-08-04
Rau-08-02
Rau-08-03
Rau-08-14
ATAC RESOURCES LTD.
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
FIGURE 21
SECTION 000N
RAU PROPERTY
0
50
100
150 m
FILE: ...2008/RAU/F_21-SECTION-000N.DWG
DATE: MARCH 2009


LOOKING SOUTHEAST
Diamond drill hole with assay information
% Bi
(Peak As value)
% As
Au (ppm)
Mineralized horizion
Bouvette Formation
Marmot Formation
Altered Marmot Formation
8.18%
6.07%
6.58%
Rau-08-05
Rau-08-11
?
ATAC RESOURCES LTD.
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
FIGURE 22
SECTION 065S
RAU PROPERTY
0
50
100
150 m
FILE: ...2008/RAU/F_22-SECTION-065S.DWG
DATE: MARCH 2009


LOOKING SOUTHEAST
Diamond drill hole with assay information
% Bi
(Peak As value)
% As
Au (ppm)
Oxidized
Mineralized horizion
Bouvette Formation
Marmot Formation
Altered Marmot Formation
cavern
Rau-08-09
?
?
?
?
?
ATAC RESOURCES LTD.
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
FIGURE 23
SECTION 145S
RAU PROPERTY
0
50
100
150 m
FILE: ...2008/RAU/F_23-SECTION-145S.DWG
DATE: MARCH 2009


Diamond drill hole with assay information
% Bi
(Peak As value)
% As
Au (ppm)
Bouvette Formation
Marmot Formation
0.1
0.5
1
Rau-08-10
?
?
?
ATAC RESOURCES LTD.
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
FIGURE 24
SECTION 220S
RAU PROPERTY
0
50
100
150 m
FILE: ...2008/RAU/F_24-SECTION-220S.DWG
DATE: MARCH 2009


Diamond drill hole with assay information
% Bi
(Peak As value)
% As
Au (ppm)
1
Petrographic sample location and number
Bouvette Formation
Marmot Formation
Altered Marmot Formation
Rau-08-13
?
?
?
ATAC RESOURCES LTD.
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
FIGURE 25
SECTION 300S
RAU PROPERTY
0
50
100
150 m
FILE: ...2008/RAU/F_25-SECTION-300S.DWG
DATE: MARCH 2009



ATAC RESOURCES LTD.

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

FIGURE 26

SECTION 355S

RAU PROPERTY

0 50 100 150 m

FILE: ...2008/RAU/F_26-SECTION-355S.DWG | DATE: MARCH 2009

Rau-08-10	528680	7118915	1344	230°	-60°	111.25
Rau-08-11	528645	7119082	1324	230°	-60°	278.89
Rau-08-12	528628	7119153	1339	050°	-84°	274.32
Rau-08-13	528743	7118863	1393	230°	-60°	222.81
Rau-08-14	528358	7118951	1238	050°	-50°	164.59
Rau-08-15	528764	7118799	1411	230°	-60°	132.59
Rau-08-15B	528764	7118799	1411	230°	-55°	227.08
Rau-08-16	528425	7119249	1322	230°	-60°	83.52
Rau-08-17	528638	7118701	1360	050°	-50°	150.57
Rau-08-18	528541	7119240	1192	230°	-60°	233.78

Core was transported from the drill sites to a logging area on the property, where recovery was measured and geological and geotechnical logging was performed. Geologically and mineralogically favourable intervals from each hole were split with one-half bagged and sent for analysis and the other half returned to the core box. All of the core is stored on the property except for part of Rau-08-11 and all of Rau-08-18, which were shipped to the Univeristy of British Columbia for further studies. Appendix V contains the geological and geotechnical logs.

Core samples were flown by helicopter from the property to Keno City, then transported to Whitehorse by truck, escorted by a representative of Archer Cathro. The samples were shipped from Whitehorse to ALS Chemex in North Vancouver. Core samples were dried and crushed to 70% minus 2 mm, before a 1.5 kg split was taken and pulverized to better than 85% minus 75 microns. Splits of the pulverized fraction were routinely dissolved in aqua regia and analyzed for 48 elements using technique ME-MS61, which combined inductively coupled plasma (ICP) with mass spectroscopy (MS) and atomic emission spectroscopy (AES). Samples from holes Rau-08-01 and -02 were also assayed for gold by fire assay followed by ICP-AES (Au-ICP21). Samples from the later holes were analyzed for gold by fire assay finished with atomic absorption spectroscopy (Au-AA26). Certificates of Analysis are found in Appendix II.

Results

Drilling in the vicinity of the Tiger Showing intersected a stacked sequence of dolomitized limestone and volcaniclastic rocks that have been folded into a series of relatively open synclines and anticlines. Brecciated dolomite is the most abundant unit in the drill area and is host to the most significant mineralization.

Individual dolomite horizons ranged from 40 to 120 m thick. Gold occurs with sulphide minerals that wholly or partially replace the dolomite near the crest of an anticline. The sulphide minerals are locally concentrated beneath sericitized volcaniclastic beds, which may have acted as impermeable caps. To date, three mineralized horizons have been identified. The middle horizon (Discovery Horizon), which ranges in thickness from about 40 to 60 m, produced the best assays. The main sulphide minerals are pyrite, arsenopyrite and pyrrhotite, while accessory minerals include bismuthinite, scheelite and sphalerite.

The most significant assay intervals are clustered in the Discovery Horizon within a 300 by 200 m zone at the northwest end of the drill area. Gold values and sulphide abundance are highest

near the fold axis and gradually decrease down the fold limbs. Based on results from one hole (Rau-08-14) the mineralization on the south limb appears to terminate at a metamorphic front marking the boundary between dolomite and marble. The Discovery Horizon is open to extension in both directions along strike and on most sections down the limbs of the fold.

The thickest interval was in hole Rau-08-05, which averaged 1.71 g/t gold over 78.54 m. The highest grade interval was from the hole Rau-08-06, which is the hole furthest to the northwest. That interval graded 2.92 g/t gold over 46.42 m. The mineralized interval in Rau-08-06 and one other (Rau-08-03) were intensely oxidized to limonite boxwork and neither of these holes reached the bottom of the limonite-rich layer. The Discovery Horizon has the highest concentrations of arsenopyrite, bismuthinite and scheelite. Tungsten values in this horizon are often elevated, with many intervals greater than 100 ppm. The highest result, 3700 ppm tungsten over 2.84 m, came from Rau-08-11.

The Upper Horizon typically comprises medium to coarse grain, disseminated pyrite often with quartz, pyrrhotite and lesser arsenopyrite. This horizon typically yeilded low gold values; however, a number of short gold-enriched intervals have been intersected, including 8.13 g/t gold over 3.05 m from hole Rau-08-11. To the southeast, Rau-08-10 intersected 16.55 m of semi-massive to massive pyrrhotite and pyrite with quartz±calcite, which graded 0.36 g/t gold, 27.78 g/t silver, 424 ppm lead and 2577 ppm zinc. Silver, lead and zinc contents in the Discovery Horizon intercepts are very low and these strongly elevated values from the Upper Horizon could be evidence of mineral zoning.

The Lower Horizon consists of very coarse grain, massive pyrite with minor sphalerite. Only hole Rau-08-18 extended deep enough to reach this horizon and intersected 20.77 m that averaged 0.13 g/t gold, 24.36 g/t silver, 1907 ppm lead and 1.12% zinc. This hole terminated in massive pyrite. Casing was left in the collar so that the hole can be extended during the next phase of drilling.

Significant intersections from 2008 diamond drilling are listed below.

Table V: Significant Intervals

Hole #	From (m)	To (m)	Interval (m)	Gold (g/t)	Gold (opt)
Rau-08-02	52.73	113.74	61.01	1.33	0.039
Including	52.73	60.72	7.99	3.00	0.087
And	101.74	113.74	12.00	2.47	0.072
Rau-08-03	9.14	62.55	53.41	1.73	0.051
Including	12.19	21.33	9.14	6.95	0.203
Rau-08-04	98.61	170.25	71.64	1.59	0.047
Including	111.61	117.61	6.00	3.97	0.116
And	160.61	168.61	8.00	6.44	0.188
Rau-08-05	71.50	150.04	78.54	1.71	0.050
Including	73.38	77.38	4.00	9.45	0.276
And	88.38	94.38	6.00	2.49	0.073
And	136.38	150.04	13.66	3.27	0.095

Rau-08-06	6.70	68.7	62.00	1.50	0.044
Including	21.70	32.7	11.00	3.00	0.088
And	60.70	64.7	4.00	5.64	0.165
Rau-08-07	136.52	142.52	6.00	1.05	0.031
Rau-08-07	172.87	237.87	65.00	1.52	0.044
Including	172.87	186.87	14.00	5.20	0.152
And	226.87	237.87	11.00	1.52	0.044
Rau-08-08	168.94	171.94	3.00	1.09	0.032
Rau-08-08	194.94	198.94	4.00	1.36	0.040
Rau-08-10	79.90	82.90	3.00	1.01	0.029
Rau-08-11	19.67	22.72	3.05	8.13	0.237
Rau-08-11	127.17	130.17	3.00	1.01	0.029
Rau-08-11	174.91	188.27	13.36	1.36	0.040
Including	174.91	185.27	10.36	1.55	0.045
Rau-08-11	232.65	235.65	3.00	1.62	0.047
Rau-08-13	103.05	106.05	3.00	2.18	0.064
Rau-08-13	112.05	115.05	3.00	5.86	0.171
Rau-08-15B	93.76	96.01	2.25	1.16	0.034
Rau-08-16	19.81	66.23	46.42	2.92	0.085
Including	19.81	26.91	7.10	10.37	0.302
And	53.34	69.20	15.86	2.85	0.083
Rau-08-18	58.72	67.20	8.48	2.12	0.062
Rau-08-18	134.02	137.02	3.00	1.96	0.057

In drill core, the volcaniclastic horizons are visually distinguishable from the surrounding dolomite. Where fresh, they consist of a dark forest green groundmass enclosing calcite amygdules; and where altered, they exhibit strong foliation and sericitiziation, which imparts a buff to tan colour. On average, these horizons are 15 m thick. Altered and unaltered volcaniclastic rocks often occur together, with the altered variety occurring in the lower portion of a horizon and the unaltered in the upper portion. The volcaniclastic horizons, immediately above and below the Discovery Horizon, are completely altered in all drill holes that intersected them.

The volcaniclastic unit can be geochemically distinguished from the surrounding units by elevated values of the following elements: aluminum, barium, cobalt, chromium, gallium, potassium, lithium, niobium, nickel, phosphorus, tantalum, thallium, vanadium and yttrium.

Samples of altered and unaltered volcaniclastic units from holes Rau-08-02, -06, -07, -13 and -14 were sent to Vancouver Petrographics Ltd. for petrographic analysis. Table VI contains a list of samples while Appendix VII contains the petrographic report with detailed descriptions of the samples.

Table VI: Petrographic Samples

Sample	Hole	Depth (m)	Sample Type
1	Rau-08-13	29.50	Unaltered
2	Rau-08-13	34.85	Altered
3	Rau-08-07	30.75	Unaltered
4	Rau-08-07	38.34	Altered
5	Rau-08-02	50.00	Altered
6	Rau-08-14	18.00	Unaltered
7	Rau-08-06	101.00	Altered
8	N/A	Surface	Unaltered

The unaltered volcaniclastic samples contained sparry calcite, having the appearance of amygdules, and fine grain biotite. The altered volcaniclastic samples have a heterogenous, streaky/clumpy macroscopic appearance with two distinct components: the first being a non-foliated, equigranular intergrowth of calcite, phlogopitic mica and opaques; and the second being a minutely fine grained, silt-like intergrowth of sericite and probable quartz in varied proportions.

QAQC

During the program 35 gold standards and 42 blanks were inserted within the sample sequences. The standard material was obtained from CDN Resource Laboratories Ltd. (gold ore reference standard CDN-GS-15A), which has a consensus value of 14.83 ppm gold. The acceptable (two standard deviation) error in the sampling is ±0.61 ppm.

Gold values from all but one of the blank samples were within acceptable range (<0.05 ppm). The failed sample was from hole Rau-08-07 and returned 0.14 ppm. All samples from this hole were reanalyzed by the laboratory to ensure the results were accurate.

All but nine of the standard sample values are within the acceptable range. Gold values from four of the sample batches (Rau-08-07, -08, -09 and -11) that included failed standards were reanalyzed by the laboratory to ensure results were accurate. Most results from the reanalysis were relatively consistent with the original values. The most notable exceptions were three samples from Rau-08-07, which returned values significantly higher than the original. These samples first yielded 6.71, 4.39 and 5.67 ppm. Results from the reanalysis were 8.32, 5.69 and 7.84 ppm respectively. The following tables show the results of the analysis for the standard samples.

Table VII: Quality Control Samples

Hole	Sample	Gold (ppm)
Rau-08-01	G004539	14.7
Rau-08-02	G004541	14.3
Rau-08-02	G004561	14.8
Rau-08-02	G004581	>10.0*

Rau-08-02	G004602	>10.0*
Rau-08-03	G004838	14.55
Rau-08-04	G004755	13.3
Rau-08-04	G004774	14.25
Rau-08-05	G004808	14.4
Rau-08-05	G004823	14.45
Rau-08-06	G004862	NSS*
Rau-08-06	G004879	15.2
Rau-08-07	H246016	9.74
Rau-08-07	H246029	12.95
Rau-08-07	H246251	13.7
Rau-08-08	H246046	13.8
Rau-08-08	H246066	14.5
Rau-08-08	H246074	14.35
Rau-08-09	H246124	14.05
Rau-08-09	H246140	13.65
Rau-08-10	H246159	15.35
Rau-08-10	H246170	14.65
Rau-08-11	H246198	13.4
Rau-08-11	H246223	13.25
Rau-08-12	H246239	15.2
Rau-08-13	H246276	15.2
Rau-08-13	H246297	14.85
Rau-08-14	H246577	14.75
Rau-08-15	H246604	14.65
Rau-08-16	H246618	15.45
Rau-08-16	H246634	14.5
Rau-08-18	H246717	13.5
Rau-08-18	H246753	14.35
Rau-08-18	H246773	15.05
Rau-08-18	H246791	14.55

*sample size not sufficient to obtain complete assay result

Density

Systematic density measurements were taken on core from holes Rau-08-02 and -11 to -18 (excluding -16). Samples were taken approximately every 15 to 30 m throughout each hole. The magnetic susceptibility was also measured as an aid to classify each of the samples by rock type and mineralization.

To determine the density, the sample was measured and the volume calculated. The sample were first weighed in air, then suspended beneath a scale in a pail of water and weighed again. The length of each sample was measured with a ruler and the volume was calculated using a core diameter of 4.2 cm (BTW core). The density was calculated by dividing the weight in air by the volume of the core. This was checked against the specific gravity of each sample, which was

calculated using Archimedes method (weight in air divided by the difference between weight in air and weight in water). Appendix VIII contains a complete list of the density measurements.

The table below shows the average results for each of the major lithologies.

Table VIII: Average Density

Unit	Density	S.G.
Dolomite	3.02	2.96
Limestone	2.84	2.78
Marble	2.72	2.74
Mineralized horizon	3.32	3.23
Volcaniclastic	2.88	2.87
Altered volcaniclastic	2.91	2.83

On average, the specific gravity measurements are 2% lower than the density measurements. Some of this difference can be attributed to the difficulties measuring the volume of each sample, particularly broken and uneven pieces. Also, Archimedes method assumes the measurements were taken at sea level, which was not the case in this situation. These measurements were made at approximately 1000 m above sea level.

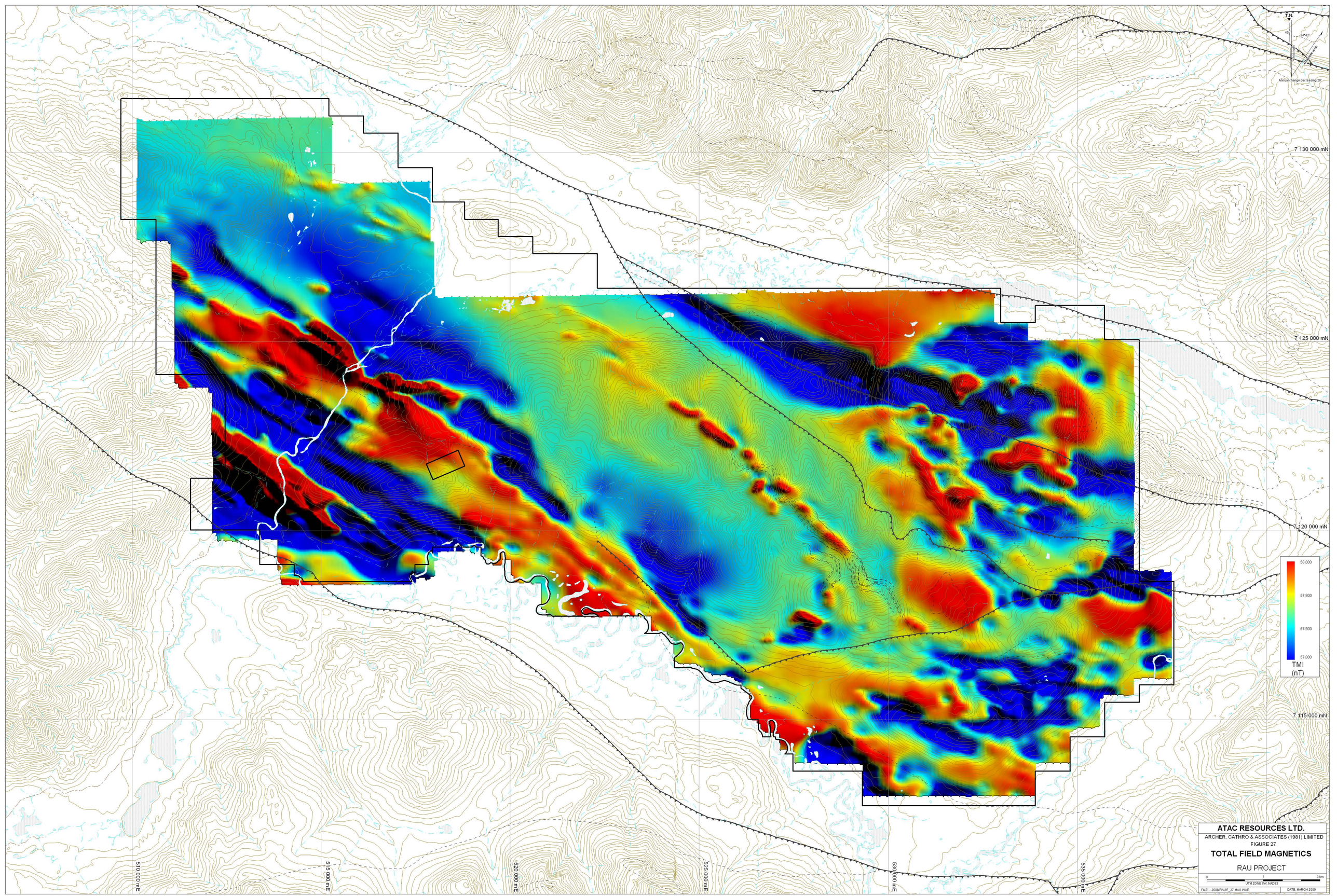
GEOPHYSICAL SURVEYS

In summer 2007, helicopter-borne magnetic and VTEM surveys were flown over the original 64 Rau claims. These surveys were completed over the rest of the property in two phases on July 14 and 15 and between August 13 and September 23, 2008 by Geotech Ltd. of Aurora, Ontario. The surveys were flown with an Astar B3 helicopter operated by TRK Helicopters Ltd., first from a temporary base at the Mayo Airport and later the Silver Trails Lodge, located about midway between Mayo and Keno City. Intraday refueling was done at Keno City or from fuel caches that were established on the property. Appendix IX contains Geotech's report describing equipment used and survey methodology. Digital survey data is included on CDs attached to this report. A detailed interpretation of this data is not yet available.

A total of 2994 line-km were flown on north-south lines spaced 100 m apart. Average height above ground was 37 m for the VTEM bird and 59 m for the magnetic sensor. The preliminary total magnetic and electromagnetic data outlined a strong, 23.5 km long, northwest trending linear feature originating near the Rackla Pluton.

DISCUSSION AND CONCLUSIONS

The Rau property covers a significant new gold discovery (Tiger Showing) that is hosted by a stacked sequence of dolomite and volcaniclastic strata, which have been folded and later intruded by the Rackla Pluton. Metalliferous fluids, migrating outward from the intrusion, moved along northwest trending fold hinges beneath volcaniclastic horizons that acted as impermeable caps. As the fluids were buffered by reactions with the dolomite, metals were precipitated. The


T.N.
40°
24°42'
Annual change decreasing 20'
7 130 000 mN
7 125 000 mN
7 120 000 mN
7 115 000 mN
510 000 mE
515 000 mE
520 000 mE
525 000 mE
530 000 mE
535 000 mE
58,000
57,900
57,900
57,800
TMI
(nT)
ATAC RESOURCES LTD.
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
FIGURE 27
TOTAL FIELD MAGNETICS
RAU PROJECT
0
1
3 km
UTM ZONE 8V, NAD83
FILE: ...2008\RAUF_27-MAG.WOR
DATE: MARCH 2009

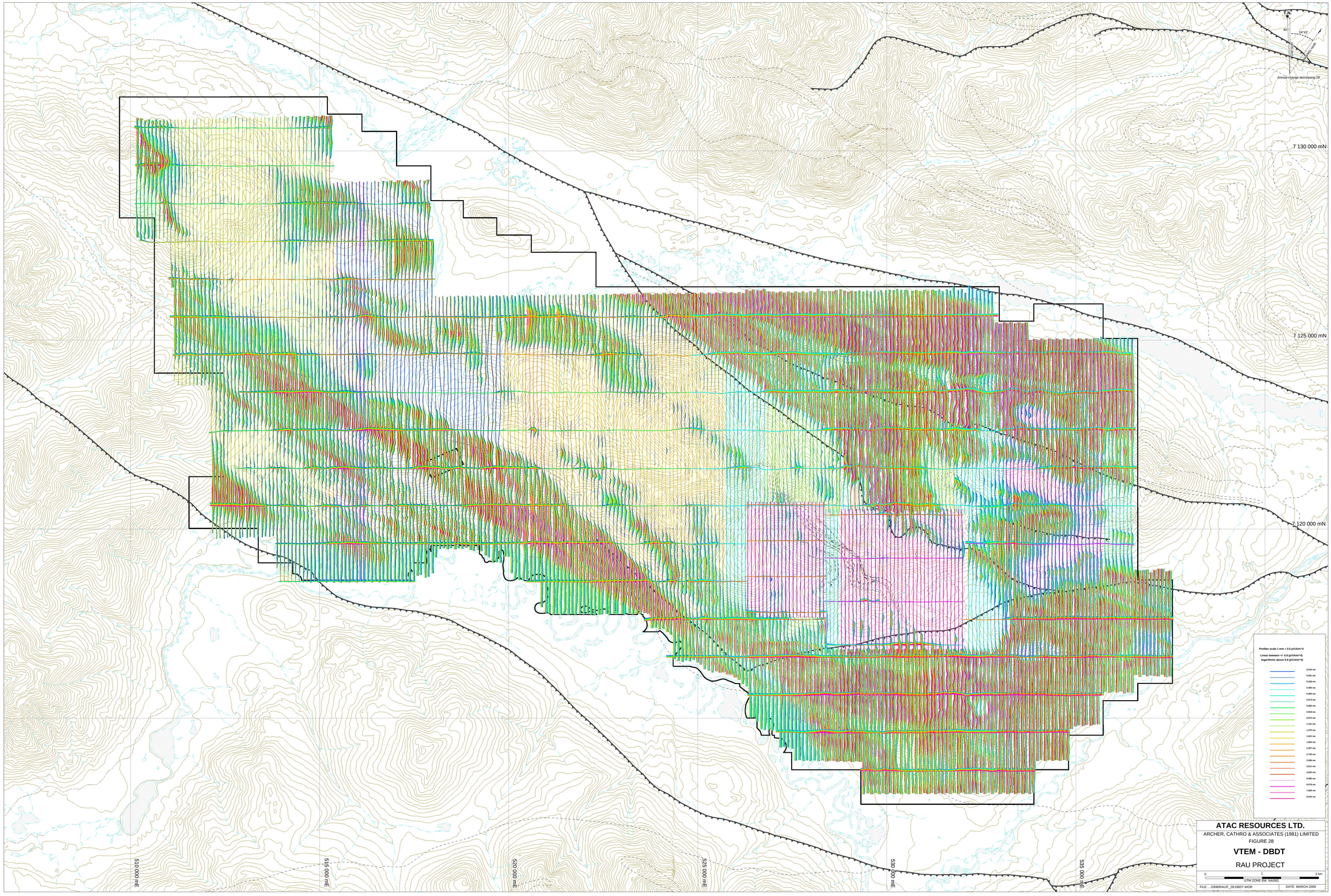


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FIGURE 28

VTEM - DBDT

RAU PROJECT

0 1 3 km

UTM ZONE 8W, NAD83

FILE: ....2008/RAU/F_28-DBDT.WOR | DATE: MARCH 2009

T.N.
40° 24'42"
Annual change decreasing 28'
Grid North
Magnetic North

7 130 000 mN
7 125 000 mN
7 120 000 mN
7 115 000 mN

510 000 mE
515 000 mE
520 000 mE
525 000 mE
530 000 mE
535 000 mE

5.15
4
2
0.14
B-FIELD CHANNEL 25
((pV*ms)/(A*m^4))

ATAC RESOURCES LTD.

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

FIGURE 29

VTEM - B-FIELD CHANNEL 25

RAU PROJECT

0 1 3 km

UTM ZONE 9W, NAD83

FILE: ...2008\RAU\F_29-BF 25.WOR

DATE: MARCH 2009

strongest mineralization occurs along the crests of anticlines where the fluid was most concentrated.

The mineralization and geological setting found at the Rau property show similarities to gold mineralization found in Nevada, such as Fronteer's Long Canyon deposit and more typical Carlin-type Deposits. The Long Canyon deposit is highlighted because it has a mineralogical composition and a carbonate platform setting similar to the Tiger Showing at the Rau property.

Drilling in 2008 at the Tiger Showing discovered three separate, gold-bearing horizons. The middle, or Discovery Horizon, contains the most abundant mineralization and has been the primary focus of the exploration completed to date. It has only been tested over a strike length of 300 m and remains open in both directions along strike. Many sections also remain open down the fold limbs. Thicknesses and grade continuity are particularly encouraging.

The Lower Horizon was only reached in the final hole of the program. It is open to extension in all directions. This horizon may represent an area along the fold axis that was very porous, which allowed a large quantity of metal to precipitate; or it could indicate proximity to a feeder structure.

The Upper Horizon hosts sporadic gold values and is locally richer in silver, lead and zinc. The mineralization is more vein-like and features siderite and quartz gangue, which are absent in the deeper horizons. This horizon could represent leakage up axial planar cleavage.

Geophysical and geochemical surveys have identified an anomalous trend that corresponds to the fold axis hosting the Tiger Showing and projections of that axis along strike in both directions. From the Rackla Pluton, this trend extends more than 23 km to the northwest, passing through the main drill area. Preliminary prospecting and geochemical sampling have identified a number of prospective targets along this trend, including undrilled extensions to the soil geochemical anomalies associated with the Tiger Showing and limonitic float at the Panther Showing, which is located 5.5 km northwest. The Panther showing is located on a creek that drains the strongest magnetic and electromagnetic anomaly found along the mineralized trend.

Known mineral occurrences and geochemical results, throughout the Rau property, show a distinct metal zonation outwards from the intrusion. Tungsten is significantly enriched near the pluton where scheelite is found in tremolite skarns and wolframite±tantalite in granite. Further to the northwest tungsten gives way to increased bismuth, arsenic and gold in replacement bodies and veins. Towards the edge of the system, lead and zinc become more dominate. The widely spaced nature of exploration data means that zoning is only partially understood and that parallel mineralized structures could be present beneath cover rocks or overburden.

Future surface work should include property-wide mapping and prospecting coupled with additional grid soil sampling, particularly along the anomalous trend to the northwest of the Tiger Showing. Mapping should pay special attention to the volcaniclastic unit, which serves as a stratigraphic marker and where altered, could point to areas of high fluid flow.

Additional drilling should be done in and around the Tiger Showing to better define the extent and geometry of mineralization discovered to date. Initial drill holes will have to extend deeper to test for additional stacked horizons and possible gold-bearing feeder structures. Geophysical and geochemical anomalies along the projected fold axis to the northwest and southeast of the Tiger Showing should also be tested by drilling. Once the distribution and characteristics of the mineralization are well understood, comprehensive metallurgical testing should be conducted.

Respectfully submitted

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

Matthew R. Dumala, P.Eng.

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APPENDIX I

STATEMENTS OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Matthew R. Dumala, geological engineer, with business addresses in Vancouver, British Columbia and Whitehorse, Yukon Territory and residential address in Vancouver, British Columbia, do hereby certify that:

1. I graduated from the University of British Columbia in 2002 with a B.A.Sc in Geological Engineering, Option l, mineral and fuel exploration.

2. I registered as a Professional Engineer in the Province of British Columbia on November 14, 2008 (Licence Number 32783).

3. From 2003 to present, I have been actively engaged in mineral exploration in the Yukon Territory.

4. I have personally participated in the fieldwork reported herein.

Matthew R. Dumala, P.Eng.

APPENDIX II

PRELIMINARY ROUTE SELECTION REPORT

October 7, 2008 EBA File: W14101185

Archer, Cathro and Associates (1981) Ltd.
510 W. Hastings St.
Vancouver, B.C.
V6B 1L8

Attention: Doug Eaton

Subject: Preliminary Route Selection and Reconnaissance Terrain Mapping for Mine Access Winter Road, Rau Property, North of Mayo, YT

EBA Engineering Consultants Ltd. (EBA) was retained by Archer, Cathro and Associates Ltd. to carry out a preliminary route selection and assessment of terrain for an access road into the Rau Property from the Wind River winter road. The study area is located in the Beaver River valley of the central Yukon on NTS maps 116A/13 and 116B/16. The approximate centre of the study area is in UTM Zone 8 at 360000E and 7202000N.

Background and Methodology

NTS map coverage, geology mapping and air photographs for the study area were located and reviewed. 1960's air photograph coverage of this area was located in archives at the Energy, Mines and Resources library in Whitehorse. The small scale of these photographs (1:54,000) is not suitable for detailed terrain mapping. However, air photographs at this scale are typically adequate to provide broad scale terrain mapping and route selection at a reconnaissance level.

Stereographic review and interpretation of air photography was completed to evaluate reconnaissance level terrain and locate a probable route for a winter access road to the Rau Property. Consideration was given to a route that would be suitable for upgrading to an all-season road. Re-mapping with large scale air photographs, field checking and aerial reconnaissance is required to complete detailed terrain mapping suitable for comprehensive planning purposes. Partial reconnaissance level terrain mapping was transferred to the project maps provided to aid preliminary consideration of the access road.

Selection of the proposed access road alignment (Figure 1) was guided by terrain conditions interpreted from review of air photographs including slope gradient, soil moisture and drainage, permafrost potential, erosion potential, overburden thickness, stream crossings, proximity to stream channels, assumed soil texture and geomorphological processes.

Results

In general, suitable terrain for cost-effective construction of an all-season road in the study area was compatible with the terrain most favorable for a winter route. For winter road construction, flat and gentle gradients are preferred and soil moisture conditions are typically not an issue. For all-season road construction, location across gentle to moderate slopes of suitable material is preferred to maximize cost-effective cut and fill methodology. Figure 1 shows the proposed all-season route. The initial 14 km should be suitable as a winter road.

EBA Engineering Consultants Ltd.
p. 867.668.3068 • f. 867.668.4349
Calcite Business Centre • Unit 6, 151 Industrial Road • Whitehorse, Yukon Y1A 2V3 • CANADA

The proposed all-season road route is about 20 km in length. The first kilometre of the access route is located on the floodplain of the Beaver River. From km 1.5 to km 4, the route crosses a glaciofluvial terrace, which is likely a good source of granular material for road construction of an all-season road. From km 4 to km 14, the route is located near the toe of colluvial slopes and there are numerous stream crossings. Colluvium in parts of this section may be underlain by till.

The final six kilometres crosses moderate gradient till slopes. The narrow stream valley that drains the Rau Property area is flanked by steep gully sideslopes. The proposed route in this section is located on the east side of the stream valley where soils appear to be thicker and there are low gradient areas suitable for location of switchbacks. This final section has slope gradients that are unfavorable for use as a winter trail and a suitable alternative route was not identified. The alternative on the west side of the stream valley that leads up to the project area is considered an unfavorable option as slope gradients appear greater, there is a probability of shallow bedrock and the lower valley slopes are likely imperfectly drained. Prior to the establishment of a winter trail to the property, it may be prudent to construct the km 14 to km 20 section as an all-season road.

Surficial Geology

Surficial materials in the study area include alluvium, till, colluvium and glaciofluvial sands and gravels.

Alluvial deposits (fluvial plains) (Fp) are typically sand and gravel with minor silt and cobbles deposited in modern (Quaternary) drainages and include floodplain deposits subject to periodic floods. Till, or moraine, deposits are deposited directly by glacier ice without modification by any other agent of transportation. Till (M) mapped in the study area includes Mv: till veneer that conforms to bedrock topography (0-1m thick); and Mb: till blanket, a gently to moderately sloping plain controlled by bedrock (>1m thick).

Glaciofluvial deposits (FG) are stratified to massive; poorly to well sorted; gravel and sand with minor silt and cobbles that are deposited by meltwater originating from glacial ice. Locally, FG deposits may have a veneer of eolian silt (loess). Terrain mapping with large scale air photographs is more likely to delineate additional glaciofluvial deposits, which are generally preferred sources of granular material for road construction. A glaciofluvial terrace (FGt) is typically greater than 5 m to 10 m thick.

Colluvial deposits (C), common on all slopes in the region, include diamicton and gravel, shattered bedrock and lenses of sand and silt derived from bedrock and surficial materials by a variety of physical and chemical weathering processes. Transport of dislodged debris occurs as surface creep, sheetwash, or by mass wasting processes. In many sections the proposed all-season route is located at the base of moderately steep slopes where colluvium would be the dominant surficial material expected.

Limitations

Stream crossings cannot be assessed adequately with the scale of air photographs available and recommendations cannot be made for these crossings without suitable large scale air photograph interpretation and on-site inspection.

South-facing slopes are less likely to have permafrost and are generally preferred for road construction. Permafrost is also less likely in the fluvial plains of major streams and rivers; however, it could occur along most sections of the alignment as shown. The presence of permafrost should be evaluated during ground-truthing. If permafrost is identified, alternate routes should be sought to avoid these areas or

specific construction methods designed by a qualified professional should be adapted for construction in these areas.

Some sections of the access road alignment are located at the base of moderately steep slopes and gullies that may be subject to avalanche. This should be considered when designing maintenance and safety protocols.

Recommendations

Prior to proceeding with advanced planning for construction, low level air photos (e.g., 1:20,000 scale) should be used to map detailed terrain supported with aerial reconnaissance and ground-truthing. Stream crossings should be assessed by a professional to design effective and adequate crossing structures. High energy mountain streams with active geomorphological processes such as debris flows may be encountered and will require specific assessment to select stable crossing locations and suitable structures.

Avoid areas of permafrost for all-season road construction. If areas of permafrost cannot be avoided, consult a geotechnical professional for recommended construction methods in these areas. Avoid slopes with high moisture content (e.g., lower valley hillslopes). Some fluviatile (till) slopes have vegetation and erosion indicators (channeled/gullied slopes) that suggest potentially moist slopes, possibly from shallow groundwater due to sub-pervious sub-surface materials such as bedrock, permafrost or compact fine-textured soils. If slopes with these drainage conditions cannot be avoided, a qualified professional should be retained to assess the site and provide recommendations for site-specific drainage management.

We trust that this report meets your present requirements. Please contact the undersigned if you have any questions or require additional information.

Yours truly,
EBA Engineering Consultants Ltd.

Jack T. Dennett, P.Geo.(BC)
Senior Project Geoscientist
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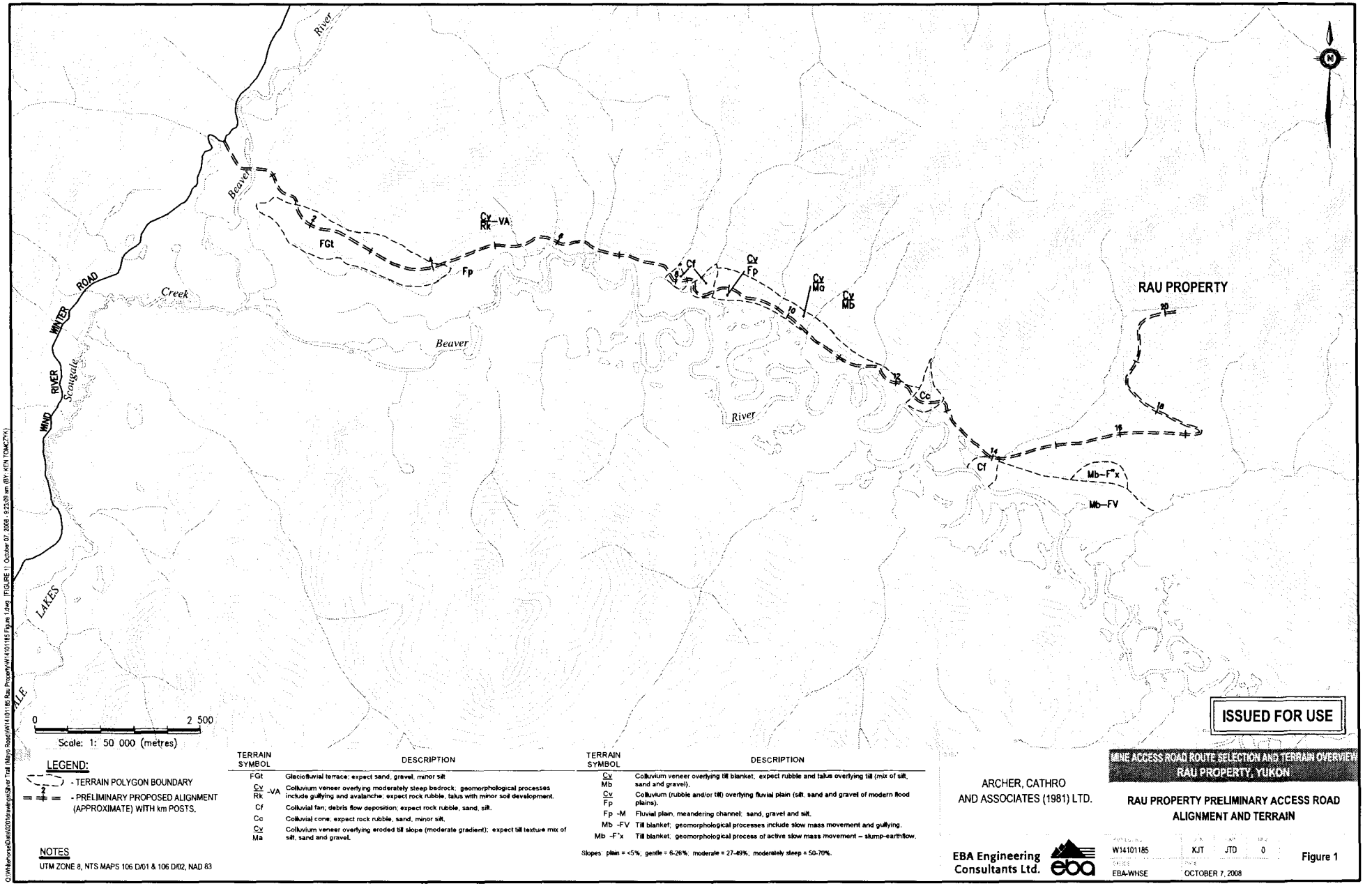

ISSUED FOR USE

LEGEND:

- TERRAIN POLYGON BOUNDARY
- PRELIMINARY PROPOSED ALIGNMENT (APPROXIMATE) WITH km POSTS.

TERRAIN SYMBOL	DESCRIPTION
FGt	Glaciofluvial terrace; expect sand, gravel, minor silt
Cv Rk -VA	Colluvium veneer overlying moderately steep bedrock; geomorphological processes include gullying and avalanche; expect rock rubble, talus with minor soil development.
Cf	Colluvial fan; debris flow deposition; expect rock rubble, sand, silt.
Cc	Colluvial cone; expect rock rubble, sand, minor silt.
Cv Ma	Colluvium veneer overlying eroded till slope (moderate gradient); expect till texture mix of silt, sand and gravel.
Cv Mb	Colluvium veneer overlying till blanket; expect rubble and talus overlying till (mix of silt, sand and gravel).
Cv Fp	Colluvium (rubble and/or till) overlying fluvial plain (silt, sand and gravel of modern flood plains).
Fp -M	Fluvial plain, meandering channel; sand, gravel and silt.
Mb -FV	Till blanket; geomorphological processes include slow mass movement and gullying.
Mb -F"x	Till blanket; geomorphological process of active slow mass movement – slump-earthflow.

Slopes: plain = <5%, gentle = 6-26%, moderate = 27-49%, moderately steep = 50-70%.

NOTES

UTM ZONE 8, NTS MAPS 106 D/01 & 106 D/02, NAD 83

ARCHER, CATHRO AND ASSOCIATES (1981) LTD.

MINE ACCESS ROAD ROUTE SELECTION AND TERRAIN OVERVIEW
RAU PROPERTY, YUKON

RAU PROPERTY PRELIMINARY ACCESS ROAD ALIGNMENT AND TERRAIN

EBA Engineering Consultants Ltd.

W14101185	KJT	JTD	0
EBA-WHSE	OCTOBER 7, 2008		

Figure 1

O:\Whitehorse\Data\02016\drawings\Silver Trail\Mayo Road\W14101185 Rau Property\W14101185 Figure 1.dwg [FIGURE 1] October 07, 2008 - 9:25:09 am (BY: KEN TOMCZYK)

GEOTECHNICAL REPORT – GENERAL CONDITIONS

This report incorporates and is subject to these "General Conditions".

1.0 USE OF REPORT AND OWNERSHIP

This geotechnical report pertains to a specific site, a specific development and a specific scope of work. It is not applicable to any other sites nor should it be relied upon for types of development other than that to which it refers. Any variation from the site or development would necessitate a supplementary geotechnical assessment.

This report and the recommendations contained in it are intended for the sole use of EBA's Client. EBA does not accept any responsibility for the accuracy of any of the data, the analyses or the recommendations contained or referenced in the report when the report is used or relied upon by any party other than EBA's Client unless otherwise authorized in writing by EBA. Any unauthorized use of the report is at the sole risk of the user.

This report is subject to copyright and shall not be reproduced either wholly or in part without the prior, written permission of EBA. Additional copies of the report, if required, may be obtained upon request.

2.0 ALTERNATE REPORT FORMAT

Where EBA submits both electronic file and hard copy versions of reports, drawings and other project-related documents and deliverables (collectively termed EBA's instruments of professional service), only the signed and/or sealed versions shall be considered final and legally binding. The original signed and/or sealed version archived by EBA shall be deemed to be the original for the Project.

Both electronic file and hard copy versions of EBA's instruments of professional service shall not, under any circumstances, no matter who owns or uses them, be altered by any party except EBA. EBA's instruments of professional service will be used only and exactly as submitted by EBA.

Electronic files submitted by EBA have been prepared and submitted using specific software and hardware systems. EBA makes no representation about the compatibility of these files with the Client's current or future software and hardware systems.

3.0 ENVIRONMENTAL AND REGULATORY ISSUES

Unless stipulated in the report, EBA has not been retained to investigate, address or consider and has not investigated, addressed or considered any environmental or regulatory issues associated with development on the subject site.

4.0 NATURE AND EXACTNESS OF SOIL AND ROCK DESCRIPTIONS

Classification and identification of soils and rocks are based upon commonly accepted systems and methods employed in professional geotechnical practice. This report contains descriptions of the systems and methods used. Where deviations from the system or method prevail, they are specifically mentioned.

Classification and identification of geological units are judgmental in nature as to both type and condition. EBA does not warrant conditions represented herein as exact, but infers accuracy only to the extent that is common in practice.

Where subsurface conditions encountered during development are different from those described in this report, qualified geotechnical personnel should revisit the site and review recommendations in light of the actual conditions encountered.

5.0 LOGS OF TESTHOLES

The testhole logs are a compilation of conditions and classification of soils and rocks as obtained from field observations and laboratory testing of selected samples. Soil and rock zones have been interpreted. Change from one geological zone to the other, indicated on the logs as a distinct line, can be, in fact, transitional. The extent of transition is interpretive. Any circumstance which requires precise definition of soil or rock zone transition elevations may require further investigation and review.

6.0 STRATIGRAPHIC AND GEOLOGICAL INFORMATION

The stratigraphic and geological information indicated on drawings contained in this report are inferred from logs of test holes and/or soil/rock exposures. Stratigraphy is known only at the locations of the test hole or exposure. Actual geology and stratigraphy between test holes and/or exposures may vary from that shown on these drawings. Natural variations in geological conditions are inherent and are a function of the historic environment. EBA does not represent the conditions illustrated as exact but recognizes that variations will exist. Where knowledge of more precise locations of geological units is necessary, additional investigation and review may be necessary.

7.0 SURFACE WATER AND GROUNDWATER CONDITIONS

Surface and groundwater conditions mentioned in this report are those observed at the times recorded in the report. These conditions vary with geological detail between observation sites; annual, seasonal and special meteorologic conditions; and with development activity. Interpretation of water conditions from observations and records is judgemental and constitutes an evaluation of circumstances as influenced by geology, meteorology and development activity. Deviations from these observations may occur during the course of development activities.

8.0 PROTECTION OF EXPOSED GROUND

Excavation and construction operations expose geological materials to climatic elements (freeze/thaw, wet/dry) and/or mechanical disturbance which can cause severe deterioration. Unless otherwise specifically indicated in this report, the walls and floors of excavations must be protected from the elements, particularly moisture, desiccation, frost action and construction traffic.

9.0 SUPPORT OF ADJACENT GROUND AND STRUCTURES

Unless otherwise specifically advised, support of ground and structures adjacent to the anticipated construction and preservation of adjacent ground and structures from the adverse impact of construction activity is required.

10.0 INFLUENCE OF CONSTRUCTION ACTIVITY

There is a direct correlation between construction activity and structural performance of adjacent buildings and other installations. The influence of all anticipated construction activities should be considered by the contractor, owner, architect and prime engineer in consultation with a geotechnical engineer when the final design and construction techniques are known.

11.0 OBSERVATIONS DURING CONSTRUCTION

Because of the nature of geological deposits, the judgmental nature of geotechnical engineering, as well as the potential of adverse circumstances arising from construction activity, observations during site preparation, excavation and construction should be carried out by a geotechnical engineer. These observations may then serve as the basis for confirmation and/or alteration of geotechnical recommendations or design guidelines presented herein.

12.0 DRAINAGE SYSTEMS

Where temporary or permanent drainage systems are installed within or around a structure, the systems which will be installed must protect the structure from loss of ground due to internal erosion and must be designed so as to assure continued performance of the drains. Specific design detail of such systems should be developed or reviewed by the geotechnical engineer. Unless otherwise specified, it is a condition of this report that effective temporary and permanent drainage systems are required and that they must be considered in relation to project purpose and function.

13.0 BEARING CAPACITY

Design bearing capacities, loads and allowable stresses quoted in this report relate to a specific soil or rock type and condition. Construction activity and environmental circumstances can materially change the condition of soil or rock. The elevation at which a soil or rock type occurs is variable. It is a requirement of this report that structural elements be founded in and/or upon geological materials of the type and in the condition assumed. Sufficient observations should be made by qualified geotechnical personnel during construction to assure that the soil and/or rock conditions assumed in this report in fact exist at the site.

14.0 SAMPLES

EBA will retain all soil and rock samples for 30 days after this report is issued. Further storage or transfer of samples can be made at the Client's expense upon written request, otherwise samples will be discarded.

APPENDIX III

BASELINE WATER QUALITY SURVEY REPORTS

ATAC RESOURCES LTD

RAU CLAIMS

Baseline Water Quality Survey

October 2008

J.Gibson Env. Consulting ***Whitehorse, Yukon***

Atac Resources Ltd requested a baseline water quality / hydrology survey be conducted on the surface water tributaries draining the area of the RAU Claims north of Keno City, Yukon.

The RAU Claims are located near the confluence of the Beaver River and the Rackla River. Streams draining south of the claims are tributaries to the Beaver River with streams draining north and west of the claims being tributaries to the Rackla River. Immediately north of the claims are the Kathleen Lakes as part of the Rackla River drainage.
The confluence of the Beaver and Rackla Rivers is located to the south west of the claims.

An active big game outfitter's camp is located on the Kathleen Lake system.

Water quality / hydrology surveys done in October 2008 are the second survey, following the original survey in August, 2008.

Exploration activity on the RAU Claims in August 2008 consists of a 15 person exploration camp with diamond drill and claim staking operations ongoing.
There was no exploration / camp activity during the October survey.
The exploration camp and all survey sites were accessed by helicopter.

The baseline survey consisted of water quality samples for routine chemistry, total metals, dissolved metals with field measurements for pH, water temperature and flow volumes.

Sample Locations

Eight water quality sample sites were established in August, 2008 on tributary streams draining the RAU Claims (see attached locations map).

Sample station designations, coordinates and elevations are:

Station #	Lat/Long Coordinates	Elevation (m)
RAU #1	64 15.152 / 134 23.193	747
RAU #2	64 15.224 / 134 16.650	750
RAU #3	64 10.350 / 134 24.091	787
RAU #4	64 10.253 / 134 28.599	659
RAU #5	64 11.940 / 134 34.455	655
RAU #6		
RAU #7	64 11.104 / 134 29.739	702
RAU #8	64 15.782 / 134 31.634	718

Note: Page 2 is missing from this report in the hard copy and pdf

Station coordinates and elevations are for helicopter landing sites. Due to the topography and thick vegetation it was often necessary to located / construct landing sites up to100 meters distance from sample sites. Landing sites are marked by a large tree blaze, spray painted orange with sample designation number marked on the blaze.

Sample Analysis Parameters

Each station was sampled for total metals, dissolved metals and routine chemistry.

Dissolved metals samples were filtered onsite using disposable 60 ml syringes and 0.45 micron filters. New syringes and filters were used for each station.

Total and dissolved metal samples were preserved with nitric acid immediately after sampling.

All samples were stored in coolers, kept at 4 Celsius and shipped by air cargo to the Bodycote T.G. laboratory in Surrey B.C. for analysis within recommended holding times.

Field measurements for pH were taken with an Oakton 300M meter, water temperatures with an alcohol thermometer.

Stream flow volumes were measured with a Price AA velocity meter and cross sectional area calculations.

Analysis Results

Laboratory analysis and field measurement results are listed in the following tables:

Table 1. Routine Chemistry – laboratory analysis and field measurement results

Table 2. Total Metals ICP – MS laboratory analysis results

Table 3. Dissolved Metals ICP – MS laboratory analysis results

Table 4. Quality Control Sample Analysis Results.

Listed with the analysis data are the laboratory detection limits for each parameter.

Table 1. ATAC Resources - RAU Claims, October 2008.

Routine Chemistry and Field Measurement Results

Parameter	Unit	STATIONS RAU #1	RAU #2	RAU #3	RAU #4	RAU #5	RAU #6	RAU #7	RAU #8	Detection Limit	DWQ* Guidelines	Aquatic** Guidelines
pH (field)	ru	8.92	8.46	8.52	No	7.97	No	8.1	8.16			
pH (lab)	ru	8.17	8.09	8.26	Sample	8.22	Sample	8.37	8.25		6.5-8.5	6.5-9
Conductivity (lab)	uS/cm	267	242	370		512		366	320	1		
Water temperature	C	1	1	1		1		2	1			
Flow Volume(field)	cms	0.734	0.43	0.69				0.042				
Ammonia -N	mg/L	<0.01	<0.01	<0.01		<0.01		<0.01	0.03	0.005		1.37-2.2
Orthophosphate -P	mg/L	<0.01	<0.01	<0.01		<0.01		<0.01	<0.01	0.01		
Chloride	mg/L	0.12	0.13	1.2		0.05		0.18	0.12	0.02	<250	
Nitrate - N	mg/L	0.16	0.34	0.12		0.1		0.27	0.2	0.01	10	
Nitrite - N	mg/L	0.06	0.06	<0.01		0.16		0.09	0.09	0.01	1	0.06
Sulphate (S04)	mg/L	27.4	29.3	36.1		33.2		32.3	21.6	0.05		
T.Suspended Solids	mg/L	18	8	80		<2		<2	9	1		
T.Dissolved Solids	mg/L	222	226	284		370		274	252	5	500	
Hardness (as CaC03)	mg/L	141	130	203		287		206	179		<500	
Alkalinity (as CaC03)	mg/L	114	97	167		262		172	156	5		

All results and limits in mg/L unless noted otherwise

DWQ* Guidelines are Maximum Acceptable Concentrations according to
Canadian Drinking Water Quality

Aquatic** Guidelines are for protection of aquatic life in waters with pH >6.5 and Hardness as CaC03 >180 mg/L
Canadian Water Quality Guidelines

Table 2. ATAC Resources - RAU Claims, October 2008

Total Metals Analysis Results.

Parameter	Units	RAU #1	RAU #2	RAU #3	RAU #4	RAU #5	RAU #6	RAU #7	RAU #8	Detection Limit	DWQ* Guidelines	Aquatic** Guidelines
Aluminum	mg/L	0.359	0.098	0.95	No	0.005	No	<0.01	0.126	0.005		0.1
Antimony	mg/L	<0.0002	<0.0002	0.0003	Sample	0.0007	Sample	<0.0004	<0.0002	0.0002	0.006	
Arsenic	mg/L	0.0008	0.0004	0.0036		0.0004		<0.0004	0.0004	0.0002	0.01	
Barium	mg/L	0.088	0.041	0.112		0.11		0.18	0.157	0.001	1	
Beryllium	mg/L	<0.0001	<0.0001	<0.0001		<0.0001		<0.0002	<0.0001	0.0001		
Bismuth	mg/L	<0.0005	<0.0005	<0.0005		<0.0005		<0.001	<0.0005	0.0005		
Boron	mg/L	<0.002	<0.002	0.006		<0.002		<0.004	<0.002	0.002	5	
Cadmium	mg/L	0.00017	0.00003	0.00028		0.00026		0.00004	0.00017	0.00001	0.005	0.0018
Calcium	mg/L	44.5	36.9	56.1		70.8		44.7	43.8	0.2		
Chromium	mg/L	0.0012	<0.0005	0.0025		<0.0005		<0.001	0.0005	0.0005	0.05	0.002
Cobalt	mg/L	0.0002	0.0004	0.0007		<0.0001		<0.0002	0.0001	0.0001		
Copper	mg/L	0.002	0.006	0.004		0.002		<0.002	<0.001	0.001	1	0.004
Iron	mg/L	0.48	0.27	1.45		<0.05		<0.1	0.2	0.05	0.3	0.3
Lead	mg/L	0.0006	0.0002	0.001		<0.0001		<0.0002	0.001	0.0001	0.01	0.007
Lithium	mg/L	0.002	0.003	0.003		0.003		<0.002	0.001	0.001		
Magnesium	mg/L	7.3	8.6	15.2		26.8		23	16.8	0.1		
Manganese	mg/L	0.021	0.077	0.042		<0.005		<0.01	0.053	0.005	0.05	
Molybdenum	mg/L	0.001	<0.001	0.003		0.007		<0.002	<0.001	0.001		
Nickel	mg/L	0.0022	0.0018	0.0097		0.0079		<0.001	0.0023	0.0005		0.15
Potassium	mg/L	0.4	<0.4	1.4		1		<0.8	<0.4	0.4		
Sulfur	mg/L	9.3	10.2	12.1		11.2		11	7.3	0.3		
Selenium	mg/L	0.0023	0.0006	0.0016		0.0033		<0.0004	0.0009	0.0002	0.01	0.001
Strontium	mg/L	0.089	0.08	0.103		0.181		0.046	0.054	0.001		
Silver	mg/L	0.00003	0.00002	0.00003		<0.00001		0.00007	0.00001	0.00001		0.0001
Silicon	mg/L	2.5	2.33	3.68		2.7		1.9	1.53	0.05		
Sodium	mg/L	0.8	0.8	1.1		0.7		<0.8	<0.4	0.4	<200	
Thallium	mg/L	<0.00005	<0.00005	<0.00005		<0.00005		<0.0001	<0.00005	0.00005		
Tin	mg/L	<0.001	<0.001	<0.001		<0.001		<0.002	<0.001	0.001		
Titanium	mg/L	0.01	0.0026	0.0357		0.0011		0.001	0.004	0.0005		
Uranium	mg/L	0.0012	<0.0005	0.0031		0.0104		0.001	0.0028	0.0005	0.02	
Vanadium	mg/L	0.0016	0.0004	0.0044		0.0004		0.0002	0.0006	0.0001		
Zinc	mg/L	0.015	0.011	0.044		0.055		0.02	0.05	0.001	<5	0.03

Table 3. ATAC Resources - RAU Claims, October 2008.

Dissolved Metals Analysis Results

Parameter	Units	RAU #1	RAU #2	RAU #3	RAU #4	RAU #5	RAU #6	RAU #7	RAU #8	Detection Limit
Aluminum	mg/L	0.017	0.037	0.02	No	0.005	No	<0.005	0.006	0.005
Antimony	mg/L	0.0011	0.0007	0.0009	Sample	0.0013	Sample	0.0007	0.0006	0.0002
Arsenic	mg/L	0.0003	0.0004	0.0021		0.0004		0.0003	0.0003	0.0002
Barium	mg/L	0.082	0.038	0.087		0.115		0.174	0.153	0.001
Beryllium	mg/L	<0.0001	<0.0001	<0.0001		<0.0001		<0.0001	<0.0001	0.0001
Bismuth	mg/L	<0.0005	<0.0005	<0.0005		<0.0005		<0.0005	<0.0005	0.0005
Boron	mg/L	<0.002	<0.002	0.004		<0.002		<0.002	<0.002	0.002
Cadmium	mg/L	0.0001	0.00001	0.00014		0.00028		0.00002	0.00011	0.00001
Calcium	mg/L	43.2	35.4	52.7		68.5		42.2	42.4	0.2
Chromium	mg/L	<0.0005	<0.0005	<0.0005		<0.0005		<0.0005	<0.0005	0.0005
Cobalt	mg/L	<0.0001	0.0003	0.0001		<0.0001		<0.0001	0.0001	0.0001
Copper	mg/L	0.001	0.002	0.002		<0.001		<0.001	<0.001	0.001
Iron	mg/L	0.02	0.09	0.08		0.03		<0.01	0.02	0.01
Lead	mg/L	<0.0001	<0.0001	0.0001		<0.0001		<0.0001	<0.0001	0.0001
Lithium	mg/L	0.001	0.002	0.002		0.002		<0.001	<0.001	0.001
Magnesium	mg/L	7.1	8.7	14.7		26.7		22.2	16.1	0.1
Manganese	mg/L	<0.005	0.032	0.007		<0.005		<0.005	<0.005	0.005
Molybdenum	mg/L	0.001	<0.001	0.003		0.007		<0.001	<0.001	0.001
Nickel	mg/L	0.0011	0.0013	0.0051		0.0078		<0.0005	0.0013	0.0005
Potassium	mg/L	<0.4	<0.4	1.2		0.8		<0.4	<0.4	0.4
Sulfur	mg/L	9.1	9.9	11.4		10.3		10.5	6.6	0.3
Selenium	mg/L	0.0025	0.0005	0.0017		0.0038		0.0004	0.0008	0.0002
Strontium	mg/L	0.08	0.072	0.092		0.168		0.042	0.048	0.001
Silver	mg/L	<0.00001	<0.00001	<0.00001		<0.00001		<0.00001	<0.00001	0.00001
Silicon	mg/L	2.2	2.45	2.12		2.82		1.93	6.6	0.05
Sodium	mg/L	0.8	0.6	0.8		0.5		0.6	<0.4	0.4
Thallium	mg/L	<0.00005	<0.00005	<0.00005		<0.00005		<0.00005	<0.00005	0.00005
Tin	mg/L	<0.001	<0.001	<0.001		<0.001		<0.001	<0.001	0.001
Titanium	mg/L	0.0006	0.0007	0.0006		0.0005		<0.0005	<0.0005	0.0005
Uranium	mg/L	0.0011	<0.0005	0.0029		0.0103		0.0014	0.0025	0.0005
Vanadium	mg/L	0.0005	0.0004	0.0007		0.0012		0.0007	0.0006	0.0001
Zinc	mg/L	0.006	0.004	0.019		0.051		0.006	0.029	0.001

Table 4. Quality Control Analysis Results, RAU Claims
October, 2008

Parameter	Unit	STATION	
		RAU #7	RAU #7 Duplicate
		Total Metals	*Total Metals*
Aluminum	mg/L	<0.01	0.006
Antimony	mg/L	<0.0004	<0.0002
Arsenic	mg/L	<0.0004	0.0002
Barium	mg/L	0.18	0.172
Beryllium	mg/L	<0.0002	<0.0001
Bismuth	mg/L	<0.001	<0.0005
Boron	mg/L	<0.004	<0.002
Cadmium	mg/L	0.00004	0.00002
Calcium	mg/L	44.7	43.5
Chromium	mg/L	<0.001	<0.0005
Cobalt	mg/L	<0.0002	<0.0001
Copper	mg/L	<0.002	<0.001
Iron	mg/L	<0.1	<0.05
Lead	mg/L	<0.0002	<0.0001
Lithium	mg/L	<0.002	<0.001
Magnesium	mg/L	23	22.5
Manganese	mg/L	<0.01	<0.005
Molybdenum	mg/L	<0.002	<0.001
Nickel	mg/L	<0.001	<0.0005
Potassium	mg/L	<0.8	<0.4
Sulfur	mg/L	11	11
Selenium	mg/L	<0.0004	0.0003
Strontium	mg/L	0.046	0.044
Silver	mg/L	0.00007	<0.00001
Silicon	mg/L	1.9	1.87
Sodium	mg/L	<0.8	<0.4
Thallium	mg/L	<0.0001	<0.00005
Tin	mg/L	<0.002	<0.001
Titanium	mg/L	0.001	0.0011
Uranium	mg/L	0.001	0.0014
Vanadium	mg/L	0.0002	0.0002
Zinc	mg/L	0.02	0.009

As a guide for reviewing site water quality, the Maximum Acceptable Concentration (MAC) according to ***Canadian Drinking Water Quality*** are listed along with the Aquatic Guidelines for the protection of aquatic life in water with a pH of > 6.5 and a total hardness as CaC03 > 180 mg/L according to CCME – ***Canadian Water Quality Guidelines.***
All water quality ***Guideline*** concentrations are based on total metal values.

All laboratory analysis was done by Bodycote Testing Group of Surrey B.C.

Laboratory Analytical Reports are attached in Appendix 1.

Flow volume calculation sheets are contained in Appendix 2.

A summary of water quality / hydrology data for each station is attached in Appendix 3.

Discussion

Hydrology

Measured flow volumes for the October survey were consistently higher at all stations than those measured in August. Persistent precipitation (rainfall and snowfall) over the fall have contributed to maintaining flow volumes above the seasonal norm.
Elevated flow volumes are common this fall across the central Yukon.
October flow volumes would normally be on a steady decrease with sub zero temperatures at higher elevations and nocturnally at lower elevations.
Measured flow volumes (August and October, 2008) for each station are listed below.

Measured Stream Flow Volumes – RAU Claims August and October, 2008		
Station	**Flow Volume**	
	(cubic meters/second)	
	August 2008	**October 2008**
RAU #1	**0.502**	**0.734**
RAU #2	**0.234**	**0.430**
RAU #3	**0.493**	**0.690**
RAU #4	**0.043**	
RAU #5	**0.038**	
RAU #6	**0.025 Estimated**	
RAU #7	**0.027**	**0.042**
RAU #8	**0.074**	

Routine Chemistry

Field measurement and lab analysis results for routine chemistry are listed in Table 1.

Analysis results for all stations for all parameters measured meet the *Drinking Water Guideline's MA*C's.

Analysis results for all parameters with the exception of Nitrite – N meet the *CCME Guidelines* for the protection of Aquatic Life.
Nitrite – N values met or exceeded *Guideline* concentration (0.06 mg/L) at all stations with the exception of RAU #3. The maximum measured value for Nitrite – N was measured at Station RAU # 5 (0.16mg/L in October, 0.14 mg/L in August)
The presence of Nitrite – N in the absence of any industrial pollutants may be the result of nitrification, oxidation of ammonia by bacteria. The pH values for all sites are near/ above the optimum oxidation pH of 8.0. The rate of nitrification would be inhibited by the low water temperature.
Nitrate – N was also detected at all stations with values ranging from 0.07 to 0.21 mg/L in August, 0.1 to 0.34 mg/L in October.

Total Hardness as CaC03 values range from 130 – 287 mg/L, giving a continued hardness rating of "hard to very hard".

Metals

The laboratory analytical report notes that some total metal results are less than dissolved metal concentrations but are verified and are within the expected measurement uncertainty.

Total metals analysis results are listed in Table 2, dissolved metals analysis results in Table 3.

Station RAU #1

Station RAU #1 is located on a tributary to Kathleen Lakes / Rackla River. The tributary is one of the larger watersheds draining the claim area with a measured stream flow volume of 0.734 cubic meters per second (cms), increased from 0.502 cms in August. Stream flows are contained within a single channel with well defined banks and a rock and cobble channel base.
Total metals analysis at Station RAU #1 show concentrations of total iron (0.48 mg/L) exceeds the *Drinking Water Quality Guidelines (DWQ)* maximum acceptable concentration *(MAC)* of 0.3 mg/L.
Concentrations of total iron, total aluminum (0.359 mg/L) and total selenium (0.0023 mg/L) exceed the *CCME Aquatic Guidelines.* Dissolved aluminum has decreased from 50% of total in August to 5% of total in October. 100 % of total selenium continues in dissolved form.

Station RAU #2

Station RAU #2 is located on a tributary of the Rackla River that discharges directly into Kathleen Lakes. Measured stream flow volumes were 0.430 cms in October increased from 0.234 cms in August with flow contained within a single channel consistent with RAU #1.
Total metals analysis results show concentrations of total iron (0.27 mg/L) decreased from August levels (0.34 mg/L) and now meets the *DWQ Guideline* of 0.3 mg/L. Total manganese (0.077 mg/L) continues to exceed the *DWQ Guidelines MAC's* of 0.05 mg/L. Concentrations of total iron (0.27 mg/L) and total aluminum (0.098 mg/L) now meet the *CCME – Aquatic Guidelines.*
Total copper concentrations increased from 0.002 mg/L in August to 0.006 mg/L to exceed the *CCME-Aquatic Guideline* of 0.004 mg/L.

Station RAU #3

Station RAU #3 is located on a tributary to the Beaver River. This tributary is the largest tributary to the Beaver River draining the claim area with a measured stream flow volume of 0.690 cms in October compared to 0.493 cms in August. The station is located approximately 2 km upstream of stream confluence with the Beaver River. The stream channel is contained within a canyon, stream bed consists of boulders, rock and cobbles. The exploration camp is located near the headwaters of this tributary at Station RAU #6.
Total metals analysis results show concentrations of total iron (1.45 mg/L) exceed the *DWQ Guideline MAC* of 0.3 mg/L.
Concentrations of total iron, total aluminum (0.95 mg/L) and total chromium (0.0025 mg/L) show slight increases from August and continue to exceed the *CCME – Aquatic Guidelines*.
Concentrations of total copper (0.004 mg/L), total selenium (0.0016 mg/L) and total zinc (0.044 mg/L) have increased since August to meet or exceed the *CCME- Aquatic Guidelines.*

Station RAU #4

Station RAU #4 is located on a tributary to the Beaver River.
The station was not accessed during the October survey.

August 2008 total metals analysis results show no parameters exceed the *DWQ or CCME – Aquatic Guidelines.*

Station RAU #5

Station RAU #5 is located on a tributary to the Beaver River east of Station RAU #4. As with Station RAU #4, topography and vegetation dictated the station be located near the mouth, downstream of the break in slope.

There was no stream flow volume measurement done in October.
Total metals analysis results concentrations of total selenium (0.0033mg/L) and total zinc (0.055 mg/L) exceed the *CCME – Aquatic Guidelines.*
Concentrations of total iron and total aluminum have decreased from August levels to meet both *Guideline* concentrations.

Station RAU #6

Station RAU #6 is located on the same tributary as Station RAU #3 and represents the camp drinking water supply.
As the exploration camp was not in operation, no water quality samples were taken.

Station RAU #7

Station RAU #7 is located on a tributary to the Beaver River. The station is located approximately 1 kilometer upstream of the confluence with the Beaver River just upstream of the break in slope. The stream is single channel contained within stable banks. Stream bed materials are rock and cobble with limited silt deposition.
Stream flow volumes were measured at 0.042 cms, increased from 0.027 cms in August.
Total metals analysis results for October show values for all parameters tested meet the *DWQ and CCME Aquatic Guidelines* as they did in August 2008.

Station RAU #8

Station RAU #8 is located on a tributary to the Rackla River upstream of Kathleen Lakes. Due to topography and vegetation, the survey site is located near the stream mouth / confluence with the Rackla River. The stream is confined to a single channel at medium to low volumes but during higher flows may be multi channeled. Stream channel characteristics are grass/ moss covered near vertical bank slopes with heavy silt deposition in channel base.
There was no flow volume measured in October, 2008.

Total metals analysis results show all parameters tested meet *DWQ – Guideline MAC's*.

Concentrations of total aluminum (0.126 mg/L) and total zinc (0.05 mg/L) exceed the *CCME – Aquatic Guideline* values of 0.1 mg/L and 0.03 mg/L respectively.

Summary

The October 2008 baseline survey was conducted during an increased flow stage as a result of rainfall and snowfall precipitation / melt. Flow volumes measured in October are approximately 1.5 times volumes measured in August, 2008. Flow volumes remain elevated above seasonal norms.

Routine chemistry, total metals and dissolved metals analysis indicate tributary streams draining the RAU claims have moderate to low concentrations for parameters tested.

October 2008 analysis results are very consistent with those of August, 2008 with minor variations in levels of aluminum and iron most evident.

Laboratory analysis results show minor concentrations of total aluminum at stations RAU #1, RAU #2, RAU #3 and RAU #8 and total iron at stations RAU#1 and #3.
.
Minor concentrations continue for total chromium at Station RAU #3, total manganese at Station RAU # 2, total selenium at Station RAU #1and #8, and total zinc at Stations RAU #3, RAU #5 and RAU # 8.

Additional baseline flow and chemistry data should be obtained prior to start of spring snowmelt for minimum flow periods and during or immediately following spring runoff / freshet for peak flow.

Access to stations should be improved with time spent on establishing better helicopter landing sites at or near the break in channel slope.

Where possible, surveys should be conducted when the exploration camp is operating and helicopter costs can be minimized.

A P P E N D I X 1

of Baseline Water Quality Report

LABORATORY ANALYTICAL REPORTS

October 2008

Bodycote TESTING GROUP

Control Number A043346

Sample Information Sheet

NOTE: Proper completion of this form is required in order to proceed with analysis
See reverse for your nearest Bodycote location and proper sampling protocol

Billing Address:			**Copy of Report To:**		**Copy of Invoice:** ☐
Company:	J. Gibson & Associates	QA/QC Report ☐	Company:		Mail Invoice to this address for approval ☐
Address:	Box 20111 Whitehorse, YT Y1A 7A2		Address:		
		Report Results:			**Report Results:**
Attention:	John Gibson	Fax ☒	Attention:		Fax ☐
Phone:	(867)633-4522	Mail ☒	Phone:		Mail ☐
Fax:	(867)668-6895	Courier ☐	Fax:		Courier ☐
Cell:		e-mail ☐	Cell:		e-mail ☐
e-mail:		e-Service ☐	e-mail:		e-Service ☐

Information to be included on Report and Invoice

Project ID: ATAC RES.
Project Name: RAU CLAIMS
Project Location:
Legal Location:
PO#:
Proj. Acct. Code:
Agreement ID: 6646

Rush Please contact the laboratory to confirm rush dates and times before submitting samples.

Upon filling out this section, client accepts that surcharges will be attached to this analysis

RUSH required on: All analysis ☐ or As indicated ☐

Date Required: _____
Signature: _____
Bodycote Authorization: _____

Sample Custody (Please Print)
Sampled by: J. GIBSON
Company Signature JGibson

I authorize Bodycote to proceed with the work indicated on this form:
Date: Oct 4/08 Initial: JG.

Received by: | Sample Temp. 5 °C
Waybill # | Date
Company OCT 06 2008

Special Instructions / Comments

RCHEM = pH, EC, HARDT, T.ALK SO4, NH4, N2, N3, OPO4, TSS, TDS, CL.

FOR LAB USE ONLY
Condition of containers / coolers upon arrival at lab

☐ Check here if Bodycote is required to report results directly to a regulatory body (Please include contact information)

☐ Check here if you're testing POTABLE WATER for **HUMAN CONSUMPTION.**

Please indicate which regulations you are required to meet: _____

	Sample Identification	Location	Depth IN CM M	Date/Time Sampled	Matrix	Sampling Method	Number of Containers	RCHEM	MET2	RAU1				
							↓	Enter tests above (✓ relevant samples below)						
1	RAU #1	SURFACE	-	OCT 2	H2O	Grab	3	✓	✓	✓				
2	RAU #2	H2O	-	↓	↓	↓	3	✓	✓	✓				
3	RAU #3	↓	-				3	✓	✓	✓				
4	RAU #5		-				3	✓	✓	✓				
5	RAU #7		-				3	✓	✓	✓				
6	RAU #7 TM DUPL.		-				1		✓	✓				
7	RAU #8		-				3	✓	✓	✓				
8			-											
9			-											
10			-											
11			-											
12			-											
13			-											
14	TM, DM + NITRIC		-											
15	DM's FIELD FILTERED.		-											

NOTE: All hazardous samples must be labeled according to WHMIS guidelines.

Form No. UU06 (Rev. 04/07)

Bodycote TESTING GROUP

Report Transmission Cover Page

Bill To:	J. Gibson & Associates	Project:		Lot ID:	**647092**
Report To:	J. Gibson & Associates	ID:	ATAC RES.	Approval Status:	Approved
	Box 20111	Name:	RAU CLAIMS	Invoice Frequency:	by Lot
	Whitehorse, YT, Canada	Location:		COD Status:	
	Y1A 7A2	LSD:		Control Number:	A043346
Attn:	John Gibson	P.O.:		Date Received:	Oct 6, 2008
Sampled By:	J.Gibson	Acct code:		Date Reported:	Oct 10, 2008
Company:				Report Number:	1157599

Contact	Company	Address
John Gibson	J. Gibson & Associates	Box 20111 Whitehorse, YT Y1A 7A2 Phone: (867) 633-4522 Fax: (867) 668-6895 Email: luditegibson@yahoo.ca

	Copies	Delivery	Format
M	1	Post	
	1	Email - Single Report	PDF

_____ PAGES IN THIS TRANSMISSION

Notes To Clients:

- Some Trace total metal results were less than dissolved metal results for samples 647092 (1-7). The results were verified and are within expected measurement uncertainty.

Reports associated with this Lot

Id/Format/Report Date	Id/Format/Report Date	Id/Format/Report Date

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If you receive this transmission by error, or if this transmission is not satisfactory, please notify us by telephone.

Bodycote TESTING GROUP

Sample Custody

Bill To:	J. Gibson & Associates	Project:	
Report To:	J. Gibson & Associates	ID:	ATAC RES.
	Box 20111	Name:	RAU CLAIMS
	Whitehorse, YT, Canada	Location:	
	Y1A 7A2	LSD:	
Attn:	John Gibson	P.O.:	
Sampled By:	J.Gibson	Acct code:	
Company:			

Lot ID:	**647092**
Control Number:	A043346
Date Received:	Oct 6, 2008
Date Reported:	Oct 10, 2008
Report Number:	1157599

Sample Disposal Date: November 09, 2008

All samples will be stored until this date unless other instructions are received. Please indicate other requirements below and return this form to the address or fax number on the bottom of this page.

☐ Extend Sample Storage Until _____ (MM/DD/YY)

The following charges apply to extended sample storage:

Storage for 1 to 5 samples per month	$ 10.00
Storage for 6 to 20 samples per month	$ 15.00
Storage for 21 to 50 samples per month	$ 30.00
Storage for 51 to 200 samples per month	$ 60.00
Storage for more than 200 samples per month	$ 110.00

☐ Return Sample, collect, to the address below via:

- ☐ Greyhound
- ☐ Loomis
- ☐ Purolator
- ☐ Other (specify) _____

Name _____

Company _____

Address _____

_____

Phone _____

Fax _____

Signature _____

Bodycote TESTING GROUP

Analytical Report

Bill To:	J. Gibson & Associates	Project:	
Report To:	J. Gibson & Associates	ID:	ATAC RES.
	Box 20111	Name:	RAU CLAIMS
	Whitehorse, YT, Canada	Location:	
	Y1A 7A2	LSD:	
Attn:	John Gibson	P.O.:	
Sampled By:	J.Gibson	Acct code:	
Company:			

Lot ID:	**647092**
Control Number:	A043346
Date Received:	Oct 6, 2008
Date Reported:	Oct 10, 2008
Report Number:	1157599

		Reference Number	647092-1	647092-2	647092-3	
		Sample Date	Oct 02, 2008	Oct 02, 2008	Oct 02, 2008	
		Sample Location				
		Sample Description	RAU#1	RAU#2	RAU#3	
		Matrix	Water	Water	Water	
Analyte		**Units**	**Results**	**Results**	**Results**	Nominal Detection Limit
Inorganic Nonmetallic Parameters						
Orthophosphate-P	Total Reactive	mg/L	<0.01	<0.01	<0.01	0.01
Ammonium - N		mg/L	<0.01	<0.01	<0.01	0.01
Metals Dissolved						
Silicon	Dissolved	mg/L	2.20	2.45	2.12	0.05
Sulfur	Dissolved	mg/L	9.1	9.9	11.4	0.3
Aluminum	Dissolved	mg/L	0.017	0.037	0.020	0.005
Antimony	Dissolved	mg/L	0.0011	0.0007	0.0009	0.0002
Arsenic	Dissolved	mg/L	0.0003	0.0004	0.0021	0.0002
Barium	Dissolved	mg/L	0.082	0.038	0.087	0.001
Beryllium	Dissolved	mg/L	<0.0001	<0.0001	<0.0001	0.0001
Bismuth	Dissolved	mg/L	<0.0005	<0.0005	<0.0005	0.0005
Boron	Dissolved	mg/L	<0.002	<0.002	0.004	0.002
Cadmium	Dissolved	mg/L	0.0001	0.00001	0.00014	0.00001
Chromium	Dissolved	mg/L	<0.0005	<0.0005	<0.0005	0.0005
Cobalt	Dissolved	mg/L	<0.0001	0.0003	0.0001	0.0001
Copper	Dissolved	mg/L	0.001	0.002	0.002	0.001
Lead	Dissolved	mg/L	<0.0001	<0.0001	0.0001	0.0001
Lithium	Dissolved	mg/L	0.001	0.002	0.002	0.001
Molybdenum	Dissolved	mg/L	0.001	<0.001	0.003	0.001
Nickel	Dissolved	mg/L	0.0011	0.0013	0.0051	0.0005
Selenium	Dissolved	mg/L	0.0025	0.0005	0.0017	0.0002
Silver	Dissolved	mg/L	<0.00001	<0.00001	<0.00001	0.00001
Strontium	Dissolved	mg/L	0.080	0.072	0.092	0.001
Thallium	Dissolved	mg/L	<0.00005	<0.00005	<0.00005	0.00005
Tin	Dissolved	mg/L	<0.001	<0.001	<0.001	0.001
Titanium	Dissolved	mg/L	0.0006	0.0007	0.0006	0.0005
Uranium	Dissolved	mg/L	0.0011	<0.0005	0.0029	0.0005
Vanadium	Dissolved	mg/L	0.0005	0.0004	0.0007	0.0001
Zinc	Dissolved	mg/L	0.006	0.004	0.019	0.001
Metals Total						
Calcium	Total	mg/L	44.5	36.9	56.1	0.2
Iron	Total	mg/L	0.46	0.27	1.45	0.05
Magnesium	Total	mg/L	7.3	8.6	15.2	0.1
Manganese	Total	mg/L	0.021	0.077	0.042	0.005
Potassium	Total	mg/L	0.4	<0.4	1.4	0.4
Silicon	Total	mg/L	2.50	2.33	3.68	0.05
Sodium	Total	mg/L	0.8	0.8	1.1	0.4
Sulfur	Total	mg/L	9.3	10.2	12.1	0.3

Bodycote TESTING GROUP

Analytical Report

Bill To:	J. Gibson & Associates	Project:	
Report To:	J. Gibson & Associates	ID:	ATAC RES.
	Box 20111	Name:	RAU CLAIMS
	Whitehorse, YT, Canada	Location:	
	Y1A 7A2	LSD:	
Attn:	John Gibson	P.O.:	
Sampled By:	J.Gibson	Acct code:	
Company:			

Lot ID:	**647092**
Control Number:	A043346
Date Received:	Oct 6, 2008
Date Reported:	Oct 10, 2008
Report Number:	1157599

		Reference Number	647092-1	647092-2	647092-3	
		Sample Date	Oct 02, 2008	Oct 02, 2008	Oct 02, 2008	
		Sample Location				
		Sample Description	RAU#1	RAU#2	RAU#3	
		Matrix	Water	Water	Water	
Analyte		**Units**	**Results**	**Results**	**Results**	Nominal Detection Limit
Metals Total - Continued						
Hardness	Total as CaCO3	mg/L	141	130	203	
Aluminum	Total	mg/L	0.359	0.098	0.950	0.005
Antimony	Total	mg/L	<0.0002	<0.0002	0.0003	0.0002
Arsenic	Total	mg/L	0.0008	0.0004	0.0035	0.0002
Barium	Total	mg/L	0.088	0.041	0.112	0.001
Beryllium	Total	mg/L	<0.0001	<0.0001	<0.0001	0.0001
Bismuth	Total	mg/L	<0.0005	<0.0005	<0.0005	0.0005
Boron	Total	mg/L	<0.002	<0.002	0.006	0.002
Cadmium	Total	mg/L	0.00017	0.00003	0.00028	0.00001
Chromium	Total	mg/L	0.0012	<0.0005	0.0025	0.0005
Cobalt	Total	mg/L	0.0002	0.0004	0.0007	0.0001
Copper	Total	mg/L	0.002	0.006	0.004	0.001
Lead	Total	mg/L	0.0006	0.0002	0.0010	0.0001
Lithium	Total	mg/L	0.002	0.003	0.003	0.001
Molybdenum	Total	mg/L	0.001	<0.001	0.003	0.001
Nickel	Total	mg/L	0.0022	0.0018	0.0097	0.0005
Selenium	Total	mg/L	0.0023	0.0006	0.0016	0.0002
Silver	Total	mg/L	0.00003	0.00002	0.00003	0.00001
Strontium	Total	mg/L	0.089	0.080	0.103	0.001
Thallium	Total	mg/L	<0.00005	<0.00005	<0.00005	0.00005
Tin	Total	mg/L	<0.001	<0.001	<0.001	0.001
Titanium	Total	mg/L	0.0100	0.0026	0.0357	0.0005
Uranium	Total	mg/L	0.0012	<0.0005	0.0031	0.0005
Vanadium	Total	mg/L	0.0016	0.0004	0.0044	0.0001
Zinc	Total	mg/L	0.015	0.011	0.044	0.001
Zirconium	Total	mg/L	<0.001	<0.001	<0.001	0.001
Physical and Aggregate Properties						
Solids	Total Suspended	mg/L	18	8	80	1
Solids	Total Dissolved	mg/L	222	226	284	5
Routine Water						
pH	@ 25 °C		8.17	8.09	8.26	
Electrical Conductivity		µS/cm at 25 C	267	242	370	1
Calcium	Dissolved	mg/L	43.2	35.4	52.7	0.2
Magnesium	Dissolved	mg/L	7.1	8.7	14.7	0.2
Sodium	Dissolved	mg/L	0.8	0.6	0.8	0.4
Potassium	Dissolved	mg/L	<0.4	<0.4	1.2	0.4
Iron	Dissolved	mg/L	0.02	0.09	0.08	0.01
Manganese	Dissolved	mg/L	<0.005	0.032	0.007	0.005

Bodycote TESTING GROUP

Analytical Report

Bill To:	J. Gibson & Associates	Project:		Lot ID:	**647092**
Report To:	J. Gibson & Associates	ID:	ATAC RES.	Control Number:	A043346
	Box 20111	Name:	RAU CLAIMS	Date Received:	Oct 6, 2008
	Whitehorse, YT, Canada	Location:		Date Reported:	Oct 10, 2008
	Y1A 7A2	LSD:		Report Number:	1157599
Attn:	John Gibson	P.O.:			
Sampled By:	J.Gibson	Acct code:			
Company:					

			Reference Number	647092-1	647092-2	647092-3	
			Sample Date	Oct 02, 2008	Oct 02, 2008	Oct 02, 2008	
			Sample Location				
			Sample Description	RAU#1	RAU#2	RAU#3	
			Matrix	Water	Water	Water	
Analyte		**Units**		**Results**	**Results**	**Results**	Nominal Detection Limit
Routine Water - Continued							
Chloride	Dissolved	mg/L		0.12	0.13	1.20	0.02
Nitrate - N	Dissolved	mg/L		0.16	0.34	0.12	0.01
Nitrite - N	Dissolved	mg/L		0.06	0.06	<0.01	0.01
Sulfate (SO4)	Dissolved	mg/L		27.4	29.3	36.1	0.05
Hydroxide		mg/L		<5	<5	<5	5
Carbonate		mg/L		<6	<6	<6	6
Bicarbonate		mg/L		140	100	200	5
T-Alkalinity	as CaCO3	mg/L		114	97	167	5

Bodycote TESTING GROUP

Analytical Report

Bill To:	J. Gibson & Associates	Project:	
Report To:	J. Gibson & Associates	ID:	ATAC RES.
	Box 20111	Name:	RAU CLAIMS
	Whitehorse, YT, Canada	Location:	
	Y1A 7A2	LSD:	
Attn:	John Gibson	P.O.:	
Sampled By:	J.Gibson	Acct code:	
Company:			

Lot ID:	**647092**
Control Number:	A043346
Date Received:	Oct 6, 2008
Date Reported:	Oct 10, 2008
Report Number:	1157599

		Reference Number	647092-4	647092-5	647092-6	
		Sample Date	Oct 02, 2008	Oct 02, 2008	Oct 02, 2008	
		Sample Location				
		Sample Description	RAU#5	RAU#7	RAU#7 TM DUP	
		Matrix	Water	Water	Water	
Analyte		**Units**	**Results**	**Results**	**Results**	Nominal Detection Limit
Metals Total						
Calcium	Total	mg/L	70.8	44.7	43.5	0.2
Iron	Total	mg/L	<0.05	<0.1	<0.05	0.05
Magnesium	Total	mg/L	26.8	23.0	22.5	0.1
Manganese	Total	mg/L	<0.005	<0.01	<0.005	0.005
Potassium	Total	mg/L	1	<0.8	<0.4	0.4
Silicon	Total	mg/L	2.70	1.9	1.87	0.05
Sodium	Total	mg/L	0.7	<0.8	<0.4	0.4
Sulfur	Total	mg/L	11.2	11	11.0	0.3
Hardness	Total as CaCO3	mg/L	287	206		
Aluminum	Total	mg/L	0.005	<0.01	0.006	0.005
Antimony	Total	mg/L	0.0007	<0.0004	<0.0002	0.0002
Arsenic	Total	mg/L	0.0004	<0.0004	0.0002	0.0002
Barium	Total	mg/L	0.110	0.18	0.172	0.001
Beryllium	Total	mg/L	<0.0001	<0.0002	<0.0001	0.0001
Bismuth	Total	mg/L	<0.0005	<0.001	<0.0005	0.0005
Boron	Total	mg/L	<0.002	<0.004	<0.002	0.002
Cadmium	Total	mg/L	0.00026	0.00004	0.00002	0.00001
Chromium	Total	mg/L	<0.0005	<0.001	<0.0005	0.0005
Cobalt	Total	mg/L	<0.0001	<0.0002	<0.0001	0.0001
Copper	Total	mg/L	0.002	<0.002	<0.001	0.001
Lead	Total	mg/L	<0.0001	<0.0002	<0.0001	0.0001
Lithium	Total	mg/L	0.003	<0.002	<0.001	0.001
Molybdenum	Total	mg/L	0.007	<0.002	<0.001	0.001
Nickel	Total	mg/L	0.0079	<0.001	<0.0005	0.0005
Selenium	Total	mg/L	0.0033	<0.0004	0.0003	0.0002
Silver	Total	mg/L	<0.00001	0.00007	<0.00001	0.00001
Strontium	Total	mg/L	0.181	0.046	0.044	0.001
Thallium	Total	mg/L	<0.00005	<0.0001	<0.00005	0.00005
Tin	Total	mg/L	<0.001	<0.002	<0.001	0.001
Titanium	Total	mg/L	0.0011	0.001	0.0011	0.0005
Uranium	Total	mg/L	0.0104	0.001	0.0014	0.0005
Vanadium	Total	mg/L	0.0004	0.0002	0.0002	0.0001
Zinc	Total	mg/L	0.055	0.02	0.009	0.001
Zirconium	Total	mg/L	<0.001	<0.002	<0.001	0.001

Bodycote TESTING GROUP

Analytical Report

Bill To:	J. Gibson & Associates	Project:	
Report To:	J. Gibson & Associates	ID:	ATAC RES.
	Box 20111	Name:	RAU CLAIMS
	Whitehorse, YT, Canada	Location:	
	Y1A 7A2	LSD:	
Attn:	John Gibson	P.O.:	
Sampled By:	J.Gibson	Acct code:	
Company:			

Lot ID:	**647092**
Control Number:	A043346
Date Received:	Oct 6, 2008
Date Reported:	Oct 10, 2008
Report Number:	1157599

		Reference Number	647092-4	647092-5	647092-7	
		Sample Date	Oct 02, 2008	Oct 02, 2008	Oct 02, 2008	
		Sample Location				
		Sample Description	RAU#5	RAU#7	RAU#8	
		Matrix	Water	Water	Water	
Analyte		**Units**	**Results**	**Results**	**Results**	Nominal Detection Limit
Inorganic Nonmetallic Parameters						
Orthophosphate-P	Total Reactive	mg/L	<0.01	<0.01	<0.01	0.01
Ammonium - N		mg/L	<0.01	<0.01	0.03	0.01
Metals Dissolved						
Silicon	Dissolved	mg/L	2.82	1.93	1.46	0.05
Sulfur	Dissolved	mg/L	10.3	10.5	6.6	0.3
Aluminum	Dissolved	mg/L	0.005	<0.005	0.006	0.005
Antimony	Dissolved	mg/L	0.0013	0.0007	0.0006	0.0002
Arsenic	Dissolved	mg/L	0.0004	0.0003	0.0003	0.0002
Barium	Dissolved	mg/L	0.115	0.174	0.153	0.001
Beryllium	Dissolved	mg/L	<0.0001	<0.0001	<0.0001	0.0001
Bismuth	Dissolved	mg/L	<0.0005	<0.0005	<0.0005	0.0005
Boron	Dissolved	mg/L	<0.002	<0.002	<0.002	0.002
Cadmium	Dissolved	mg/L	0.00028	0.00002	0.00011	0.00001
Chromium	Dissolved	mg/L	<0.0005	<0.0005	<0.0005	0.0005
Cobalt	Dissolved	mg/L	<0.0001	<0.0001	0.0001	0.0001
Copper	Dissolved	mg/L	<0.001	<0.001	<0.001	0.001
Lead	Dissolved	mg/L	<0.0001	<0.0001	<0.0001	0.0001
Lithium	Dissolved	mg/L	0.002	<0.001	<0.001	0.001
Molybdenum	Dissolved	mg/L	0.007	<0.001	<0.001	0.001
Nickel	Dissolved	mg/L	0.0078	<0.0005	0.0013	0.0005
Selenium	Dissolved	mg/L	0.0038	0.0004	0.0008	0.0002
Silver	Dissolved	mg/L	<0.00001	<0.00001	<0.00001	0.00001
Strontium	Dissolved	mg/L	0.168	0.042	0.048	0.001
Thallium	Dissolved	mg/L	<0.00005	<0.00005	<0.00005	0.00005
Tin	Dissolved	mg/L	<0.001	<0.001	<0.001	0.001
Titanium	Dissolved	mg/L	0.0005	<0.0005	<0.0005	0.0005
Uranium	Dissolved	mg/L	0.0103	0.0014	0.0025	0.0005
Vanadium	Dissolved	mg/L	0.0012	0.0007	0.0006	0.0001
Zinc	Dissolved	mg/L	0.051	0.006	0.029	0.001
Physical and Aggregate Properties						
Solids	Total Suspended	mg/L	<2	<2	9	1
Solids	Total Dissolved	mg/L	370	274	252	5
Routine Water						
pH	@ 25 °C		8.22	8.37	8.25	
Electrical Conductivity		µS/cm at 25 C	512	366	320	1
Calcium	Dissolved	mg/L	68.5	42.2	42.4	0.2
Magnesium	Dissolved	mg/L	26.7	22.2	16.1	0.2
Sodium	Dissolved	mg/L	0.5	0.6	<0.4	0.4

Bodycote TESTING GROUP

Analytical Report

Bill To:	J. Gibson & Associates	Project:		Lot ID:	**647092**
Report To:	J. Gibson & Associates	ID:	ATAC RES.	Control Number:	A043346
	Box 20111	Name:	RAU CLAIMS	Date Received:	Oct 6, 2008
	Whitehorse, YT, Canada	Location:		Date Reported:	Oct 10, 2008
	Y1A 7A2	LSD:		Report Number:	1157599
Attn:	John Gibson	P.O.:			
Sampled By:	J.Gibson	Acct code:			
Company:					

			Reference Number	647092-4	647092-5	647092-7	
			Sample Date	Oct 02, 2008	Oct 02, 2008	Oct 02, 2008	
			Sample Location				
			Sample Description	RAU#5	RAU#7	RAU#8	
			Matrix	Water	Water	Water	
Analyte		**Units**		**Results**	**Results**	**Results**	Nominal Detection Limit
Routine Water - Continued							
Potassium	Dissolved	mg/L		0.8	<0.4	<0.4	0.4
Iron	Dissolved	mg/L		0.03	<0.01	0.02	0.01
Manganese	Dissolved	mg/L		<0.005	<0.005	<0.005	0.005
Chloride	Dissolved	mg/L		0.05	0.18	0.12	0.02
Nitrate - N	Dissolved	mg/L		0.10	0.27	0.20	0.01
Nitrite - N	Dissolved	mg/L		0.16	0.09	0.09	0.01
Sulfate (SO4)	Dissolved	mg/L		33.2	32.3	21.6	0.05
Hydroxide		mg/L		<5	<5	<5	5
Carbonate		mg/L		<6	<6	<6	6
Bicarbonate		mg/L		320	210	190	5
T-Alkalinity	as CaCO3	mg/L		262	172	156	5

Bodycote TESTING GROUP

Analytical Report

Bill To:	J. Gibson & Associates	Project:	
Report To:	J. Gibson & Associates	ID:	ATAC RES.
	Box 20111	Name:	RAU CLAIMS
	Whitehorse, YT, Canada	Location:	
	Y1A 7A2	LSD:	
Attn:	John Gibson	P.O.:	
Sampled By:	J.Gibson	Acct code:	
Company:			

Lot ID:	**647092**
Control Number:	A043346
Date Received:	Oct 6, 2008
Date Reported:	Oct 10, 2008
Report Number:	1157599

Reference Number	647092-7
Sample Date	Oct 02, 2008
Sample Location	
Sample Description	RAU#8
Matrix	Water

Analyte		Units	Results	Results	Results	Nominal Detection Limit
Metals Total						
Calcium	Total	mg/L	43.8			0.2
Iron	Total	mg/L	0.20			0.05
Magnesium	Total	mg/L	16.8			0.1
Manganese	Total	mg/L	0.053			0.005
Potassium	Total	mg/L	<0.4			0.4
Silicon	Total	mg/L	1.53			0.05
Sodium	Total	mg/L	<0.4			0.4
Sulfur	Total	mg/L	7.3			0.3
Hardness	Total as CaCO3	mg/L	179			
Aluminum	Total	mg/L	0.126			0.005
Antimony	Total	mg/L	<0.0002			0.0002
Arsenic	Total	mg/L	0.0004			0.0002
Barium	Total	mg/L	0.157			0.001
Beryllium	Total	mg/L	<0.0001			0.0001
Bismuth	Total	mg/L	<0.0005			0.0005
Boron	Total	mg/L	<0.002			0.002
Cadmium	Total	mg/L	0.00017			0.00001
Chromium	Total	mg/L	0.0005			0.0005
Cobalt	Total	mg/L	0.0001			0.0001
Copper	Total	mg/L	<0.001			0.001
Lead	Total	mg/L	0.0010			0.0001
Lithium	Total	mg/L	0.001			0.001
Molybdenum	Total	mg/L	<0.001			0.001
Nickel	Total	mg/L	0.0023			0.0005
Selenium	Total	mg/L	0.0009			0.0002
Silver	Total	mg/L	0.00001			0.00001
Strontium	Total	mg/L	0.054			0.001
Thallium	Total	mg/L	<0.00005			0.00005
Tin	Total	mg/L	<0.001			0.001
Titanium	Total	mg/L	0.0040			0.0005
Uranium	Total	mg/L	0.0028			0.0005
Vanadium	Total	mg/L	0.0006			0.0001
Zinc	Total	mg/L	0.050			0.001
Zirconium	Total	mg/L	<0.001			0.001

Bodycote TESTING GROUP

Analytical Report

Bill To:	J. Gibson & Associates	Project:	
Report To:	J. Gibson & Associates	ID:	ATAC RES.
	Box 20111	Name:	RAU CLAIMS
	Whitehorse, YT, Canada	Location:	
	Y1A 7A2	LSD:	
Attn:	John Gibson	P.O.:	
Sampled By:	J.Gibson	Acct code:	
Company:			

Lot ID:	**647092**
Control Number:	A043346
Date Received:	Oct 6, 2008
Date Reported:	Oct 10, 2008
Report Number:	1157599

Approved by: Andrew Garrard

Andrew Garrard, BSc
Operations Manager

Bodycote TESTING GROUP

Methodology and Notes

Bill To:	J. Gibson & Associates	Project:	
Report To:	J. Gibson & Associates	ID:	ATAC RES.
	Box 20111	Name:	RAU CLAIMS
	Whitehorse, YT, Canada	Location:	
	Y1A 7A2	LSD:	
Attn:	John Gibson	P.O.:	
Sampled By:	J.Gibson	Acct code:	
Company:			

Lot ID:	**647092**
Control Number:	A043346
Date Received:	Oct 6, 2008
Date Reported:	Oct 10, 2008
Report Number:	1157599

Method of Analysis

Method Name	Reference		Method	Date Analysis Started	Location
Alk, pH, EC, Turb in water	APHA	*	Conductivity, 2510	07-Oct-08	BTG Surrey
Alk, pH, EC, Turb in water	APHA	*	Electrometric Method, 4500-H+ B	07-Oct-08	BTG Surrey
Alk, pH, EC, Turb in water	APHA	*	Titration Method, 2320 B	07-Oct-08	BTG Surrey
Ammonia-N in Water	APHA	*	Titrametric, 4500-NH3 C	08-Oct-08	BTG Surrey
Anions by IEC in water (Surrey)	APHA	*	Ion Chromatography with Chemical Suppression of Eluent Cond., 4110 B	07-Oct-08	BTG Surrey
Anions by IEC in water (Surrey)	APHA	*	Ion Chromatography with Chemical Suppression of Eluent Cond., 4110 B	08-Oct-08	BTG Surrey
Metals ICP-MS (Dissolved) in water	US EPA	*	Determination of Trace Elements in Waters and Wastes by ICP-MS, 200.8	08-Oct-08	BTG Edmonton
Metals ICP-MS (Total) in water	US EPA	*	Determination of Trace Elements in Waters and Wastes by ICP-MS, 200.8	09-Oct-08	BTG Edmonton
Metals Trace (Dissolved) in water	APHA	*	Inductively Coupled Plasma (ICP) Method, 3120 B	08-Oct-08	BTG Edmonton
Metals Trace (Total) in water	APHA		Hardness by Calculation, 2340 B	09-Oct-08	BTG Edmonton
Metals Trace (Total) in water	APHA	*	Inductively Coupled Plasma (ICP) Method, 3120 B	09-Oct-08	BTG Edmonton
Phosphorus - total reactive P (orthophosphate) (low level)	APHA		Ascorbic Acid Reduction Method, 4500 -P E	07-Oct-08	BTG Surrey
Solids Dissolved (Total, Fixed and Volatile)2	APHA	*	Total Solids Dried at 103-105'C, 2540 B	07-Oct-08	BTG Surrey
Solids Suspended (Total, Fixed and Volatile)	APHA	*	Total Suspended Solids Dried at 103-105'C, 2540 D	07-Oct-08	BTG Surrey

** Bodycote method(s) based on reference method*

References

APHA	Standard Methods for the Examination of Water and Wastewater
US EPA	US Environmental Protection Agency Test Methods

Comments:

- Some Trace total metal results were less than dissolved metal results for samples 647092 (1-7). The results were verified and are within expected measurement uncertainty.

Please direct any inquiries regarding this report to our Client Services group.
Results relate only to samples as submitted.
The test report shall not be reproduced except in full, without the written approval of the laboratory.

Note: Appendix 2 of this October 2008 Water Quality Report was not submitted with the report

APPENDIX 3

of Baseline Water Quality Report - October 2008

Station Data Summaries (2008)

Table. Appendix Summary of Station RAU#1 Analysis Data.

Parameter	Unit	Aug-08	Oct-08
pH (field)	ru	8.65	8.92
pH (lab)	ru	816	8.17
Conductivity (lab)	uS/cm	288	267
Water temperature	C	3	1
Flow Volume(field)	cms	0.502	0.734
Ammonia -N	mg/L	0.005	<0.01
Orthophosphate -P	mg/L	<0.01	<0.01
Chloride	mg/L	0.07	0.12
Nitrate - N	mg/L	0.09	0.16
Nitrite - N	mg/L	<0.01	0.06
Sulphate (S04)	mg/L	28.6	27.4
T.Suspended Solids	mg/L	15	18
T.Dissolved Solids	mg/L	208	222
Hardness (as CaC03)	mg/L	162	141
Alkalinity (as CaC03)	mg/L	129	114

Table. Appendix Summary of Station RAU #1 Analysis Data.

Parameter	Units	Aug-08	Oct-08
Dissolved Metals			
Aluminum	mg/L	0.016	0.017
Antimony	mg/L	0.0008	0.0011
Arsenic	mg/L	0.0004	0.0003
Barium	mg/L	0.082	0.082
Beryllium	mg/L	<0.0001	<0.0001
Bismuth	mg/L	<0.0005	<0.0005
Boron	mg/L	<0.002	<0.002
Cadmium	mg/L	0.00009	0.0001
Calcium	mg/L	46.7	43.2
Chromium	mg/L	<0.0005	<0.0005
Cobalt	mg/L	<0.0001	<0.0001
Copper	mg/L	<0.001	0.001
Iron	mg/L	0.02	0.02
Lead	mg/L	<0.0001	<0.0001
Lithium	mg/L	0.001	0.001
Magnesium	mg/L	7.2	7.1
Manganese	mg/L	<0.005	<0.005
Molybdenum	mg/L	0.001	0.001
Nickel	mg/L	0.0011	0.0011
Potassium	mg/L	<0.4	<0.4
Sulfur	mg/L	9.5	9.1
Selenium	mg/L	0.0025	0.0025
Strontium	mg/L	0.089	0.08
Silver	mg/L	<0.00001	<0.00001
Silicon	mg/L	2.08	2.2
Sodium	mg/L	0.6	0.8
Thallium	mg/L	<0.00005	<0.00005
Tin	mg/L	<0.001	<0.001
Titanium	mg/L	0.0011	0.0006
Uranium	mg/L	0.0012	0.0011
Vanadium	mg/L	0.0004	0.0005
Zinc	mg/L	0.007	0.006

Table. Appendix Summary of Station RAU #1 Analysis Data.

Parameter	Units	Aug-08	Oct-08
Total Metals			
Aluminum	mg/L	0.318	0.359
Antimony	mg/L	<0.0002	<0.0002
Arsenic	mg/L	0.0005	0.0008
Barium	mg/L	0.102	0.088
Beryllium	mg/L	<0.0001	<0.0001
Bismuth	mg/L	<0.0005	<0.0005
Boron	mg/L	0.002	<0.002
Cadmium	mg/L	0.00014	0.00017
Calcium	mg/L	51	44.5
Chromium	mg/L	0.0009	0.0012
Cobalt	mg/L	0.0003	0.0002
Copper	mg/L	0.002	0.002
Iron	mg/L	0.42	0.48
Lead	mg/L	0.0006	0.0006
Lithium	mg/L	0.002	0.002
Magnesium	mg/L	8.3	7.3
Manganese	mg/L	0.024	0.021
Molybdenum	mg/L	0.001	0.001
Nickel	mg/L	0.0018	0.0022
Potassium	mg/L	<0.4	0.4
Sulfur	mg/L	10.2	9.3
Selenium	mg/L	0.0024	0.0023
Strontium	mg/L	0.093	0.089
Silver	mg/L	<0.00001	0.00003
Silicon	mg/L	2.47	2.5
Sodium	mg/L	0.8	0.8
Thallium	mg/L	<0.00005	<0.00005
Tin	mg/L	<0.001	<0.001
Titanium	mg/L	0.0096	0.01
Uranium	mg/L	0.0013	0.0012
Vanadium	mg/L	0.0013	0.0016
Zinc	mg/L	0.014	0.015

Table. Appendix Summary of Station RAU#2 Analysis Data.

Parameter	Unit	Aug-08	Oct-08
pH (field)	ru	8.45	8.46
pH (lab)	ru	8.08	8.09
Conductivity (lab)	uS/cm	258	242
Water temperature	C	2.5	1
Flow Volume(field)	cms	0.234	0.43
Ammonia -N	mg/L	<0.005	<0.01
Orthophosphate -P	mg/L	<0.01	<0.01
Chloride	mg/L	0.06	0.13
Nitrate - N	mg/L	0.2	0.34
Nitrite - N	mg/L	<0.01	0.06
Sulphate (S04)	mg/L	29.8	29.3
T.Suspended Solids	mg/L	4	8
T.Dissolved Solids	mg/L	178	226
Hardness (as CaC03)	mg/L	139	130
Alkalinity (as CaC03)	mg/L	108	97

Table. Appendix Summary of Station RAU #2 Analysis Data.

Parameter	Units	Aug-08	Oct-08
Dissolved Metals			
Aluminum	mg/L	0.04	0.037
Antimony	mg/L	0.0007	0.0007
Arsenic	mg/L	0.0004	0.0004
Barium	mg/L	0.037	0.038
Beryllium	mg/L	<0.0001	<0.0001
Bismuth	mg/L	<0.0005	<0.0005
Boron	mg/L	<0.002	<0.002
Cadmium	mg/L	0.00002	0.00001
Calcium	mg/L	38.5	35.4
Chromium	mg/L	<0.0005	<0.0005
Cobalt	mg/L	0.0002	0.0003
Copper	mg/L	0.001	0.002
Iron	mg/L	0.09	0.09
Lead	mg/L	0.0003	<0.0001
Lithium	mg/L	0.003	0.002
Magnesium	mg/L	8.1	8.7
Manganese	mg/L	0.028	0.032
Molybdenum	mg/L	<0.001	<0.001
Nickel	mg/L	0.0013	0.0013
Potassium	mg/L	<0.4	<0.4
Sulfur	mg/L	10	9.9
Selenium	mg/L	0.0006	0.0005
Strontium	mg/L	0.081	0.072
Silver	mg/L	<0.00001	<0.00001
Silicon	mg/L	2.39	2.45
Sodium	mg/L	0.7	0.6
Thallium	mg/L	<0.00005	<0.00005
Tin	mg/L	<0.001	<0.001
Titanium	mg/L	0.0014	0.0007
Uranium	mg/L	<0.0005	<0.0005
Vanadium	mg/L	0.0005	0.0004
Zinc	mg/L	0.004	0.004

Table. Appendix Summary of Station RAU #2 Analysis Data.

Parameter	Units	Aug-08	Oct-08
Total Metals			
Aluminum	mg/L	0.184	0.098
Antimony	mg/L	<0.0002	<0.0002
Arsenic	mg/L	0.0003	0.0004
Barium	mg/L	0.042	0.041
Beryllium	mg/L	<0.0001	<0.0001
Bismuth	mg/L	<0.0005	<0.0005
Boron	mg/L	0.003	<0.002
Cadmium	mg/L	0.00002	0.00003
Calcium	mg/L	41.1	36.9
Chromium	mg/L	0.0006	<0.0005
Cobalt	mg/L	0.0005	0.0004
Copper	mg/L	0.002	0.006
Iron	mg/L	0.34	0.27
Lead	mg/L	0.0001	0.0002
Lithium	mg/L	0.003	0.003
Magnesium	mg/L	8.8	8.6
Manganese	mg/L	0.068	0.077
Molybdenum	mg/L	<0.001	<0.001
Nickel	mg/L	0.0021	0.0018
Potassium	mg/L	<0.4	<0.4
Sulfur	mg/L	10.6	10.2
Selenium	mg/L	0.0008	0.0006
Strontium	mg/L	0.087	0.08
Silver	mg/L	<0.00001	0.00002
Silicon	mg/L	2.52	2.33
Sodium	mg/L	0.9	0.8
Thallium	mg/L	<0.00005	<0.00005
Tin	mg/L	<0.001	<0.001
Titanium	mg/L	0.0041	0.0026
Uranium	mg/L	<0.0005	<0.0005
Vanadium	mg/L	0.0005	0.0004
Zinc	mg/L	0.006	0.011

Table. Appendix Summary of Station RAU#3 Analysis Data.

Parameter	Unit	Aug-08	Oct-08
pH (field)	ru	8.79	8.52
pH (lab)	ru	8.3	8.26
Conductivity (lab)	uS/cm	371	370
Water temperature	C	4	1
Flow Volume(field)	cms	0.493	0.69
Ammonia -N	mg/L	<0.005	<0.01
Orthophosphate -P	mg/L	<0.01	<0.01
Chloride	mg/L	0.05	1.2
Nitrate - N	mg/L	0.07	0.12
Nitrite - N	mg/L	0.11	<0.01
Sulphate (S04)	mg/L	25.8	36.1
T.Suspended Solids	mg/L	38	80
T.Dissolved Solids	mg/L	244	284
Hardness (as CaC03)	mg/L	210	203
Alkalinity (as CaC03)	mg/L	184	167

Table. Appendix Summary of Station RAU#3 Analysis Data.

Parameter	Units	Aug-08	Oct-08
Dissolved Metals			
Aluminum	mg/L	0.016	0.95
Antimony	mg/L	0.0011	0.0003
Arsenic	mg/L	0.0007	0.0036
Barium	mg/L	0.096	0.112
Beryllium	mg/L	<0.0001	<0.0001
Bismuth	mg/L	<0.0005	<0.0005
Boron	mg/L	0.006	0.006
Cadmium	mg/L	0.00008	0.00028
Calcium	mg/L	54.2	56.1
Chromium	mg/L	<0.0005	0.0025
Cobalt	mg/L	<0.0001	0.0007
Copper	mg/L	0.002	0.004
Iron	mg/L	0.28	1.45
Lead	mg/L	<0.0001	0.001
Lithium	mg/L	0.001	0.003
Magnesium	mg/L	14.4	15.2
Manganese	mg/L	<0.005	0.042
Molybdenum	mg/L	0.002	0.003
Nickel	mg/L	0.0013	0.0097
Potassium	mg/L	0.9	1.4
Sulfur	mg/L	8.6	12.1
Selenium	mg/L	0.001	0.0016
Strontium	mg/L	0.079	0.103
Silver	mg/L	<0.00001	0.00003
Silicon	mg/L	2.33	3.68
Sodium	mg/L	0.5	1.1
Thallium	mg/L	<0.00005	<0.00005
Tin	mg/L	<0.001	<0.001
Titanium	mg/L	0.0012	0.0357
Uranium	mg/L	0.0024	0.0031
Vanadium	mg/L	0.0005	0.0044
Zinc	mg/L	0.003	0.044

Table. Appendix Summary of Station RAU#3 Analysis Data.

Parameter	Units	Aug-08	Oct-08
Total Metals			
Aluminum	mg/L	0.754	0.95
Antimony	mg/L	0.0002	0.0003
Arsenic	mg/L	0.0019	0.0036
Barium	mg/L	0.131	0.112
Beryllium	mg/L	<0.0001	<0.0001
Bismuth	mg/L	<0.0005	<0.0005
Boron	mg/L	0.007	0.006
Cadmium	mg/L	0.00023	0.00028
Calcium	mg/L	58.2	56.1
Chromium	mg/L	0.0021	0.0025
Cobalt	mg/L	0.0007	0.0007
Copper	mg/L	0.003	0.004
Iron	mg/L	1.29	1.45
Lead	mg/L	0.001	0.001
Lithium	mg/L	0.002	0.003
Magnesium	mg/L	15.9	15.2
Manganese	mg/L	0.04	0.042
Molybdenum	mg/L	0.002	0.003
Nickel	mg/L	0.0042	0.0097
Potassium	mg/L	1.2	1.4
Sulfur	mg/L	9.2	12.1
Selenium	mg/L	0.001	0.0016
Strontium	mg/L	0.086	0.103
Silver	mg/L	0.00002	0.00003
Silicon	mg/L	2.92	3.68
Sodium	mg/L	0.7	1.1
Thallium	mg/L	<0.00005	<0.00005
Tin	mg/L	<0.001	<0.001
Titanium	mg/L	0.023	0.0357
Uranium	mg/L	0.0026	0.0031
Vanadium	mg/L	0.0031	0.0044
Zinc	mg/L	0.018	0.044

Table. Appendix Summary of Station RAU#4 Analysis Data.

Parameter	Unit	Aug-08	Oct-08
pH (field)	ru	8.64	No
pH (lab)	ru	8.34	Sample
Conductivity (lab)	uS/cm	398	
Water temperature	C	6	
Flow Volume(field)	cms	0.043	
Ammonia -N	mg/L	<0.005	
Orthophosphate -P	mg/L	<0.01	
Chloride	mg/L	0.1	
Nitrate - N	mg/L	0.16	
Nitrite - N	mg/L	0.1	
Sulphate (S04)	mg/L	28	
T.Suspended Solids	mg/L	<2	
T.Dissolved Solids	mg/L	256	
Hardness (as CaC03)	mg/L	224	
Alkalinity (as CaC03)	mg/L	202	

Table. Appendix Summary of Station RAU#4 Analysis Data.

Parameter	Units	Aug-08	Oct-08
Dissolved Metals			
Aluminum	mg/L	0.007	No
Antimony	mg/L	0.0007	Sample
Arsenic	mg/L	0.0023	
Barium	mg/L	0.122	
Beryllium	mg/L	<0.0001	
Bismuth	mg/L	<0.0005	
Boron	mg/L	0.002	
Cadmium	mg/L	0.00003	
Calcium	mg/L	54	
Chromium	mg/L	<0.0005	
Cobalt	mg/L	<0.0001	
Copper	mg/L	<0.001	
Iron	mg/L	<0.01	
Lead	mg/L	<0.0001	
Lithium	mg/L	0.001	
Magnesium	mg/L	19	
Manganese	mg/L	<0.005	
Molybdenum	mg/L	0.001	
Nickel	mg/L	<0.0005	
Potassium	mg/L	0.7	
Sulfur	mg/L	9.4	
Selenium	mg/L	0.0004	
Strontium	mg/L	0.082	
Silver	mg/L	<0.00001	
Silicon	mg/L	2.36	
Sodium	mg/L	<0.4	
Thallium	mg/L	<0.00005	
Tin	mg/L	<0.001	
Titanium	mg/L	0.0011	
Uranium	mg/L	0.0028	
Vanadium	mg/L	0.0006	
Zinc	mg/L	0.008	

Table. Appendix Summary of Station RAU#4 Analysis Data.

Parameter	Units	Aug-08	Oct-08
Total Metals			
Aluminum	mg/L	0.024	No
Antimony	mg/L	<0.0002	Sample
Arsenic	mg/L	0.002	
Barium	mg/L	0.135	
Beryllium	mg/L	<0.0001	
Bismuth	mg/L	<0.0005	
Boron	mg/L	0.003	
Cadmium	mg/L	0.00003	
Calcium	mg/L	56.3	
Chromium	mg/L	<0.0005	
Cobalt	mg/L	<0.0001	
Copper	mg/L	<0.001	
Iron	mg/L	<0.05	
Lead	mg/L	<0.0001	
Lithium	mg/L	0.001	
Magnesium	mg/L	20.2	
Manganese	mg/L	<0.005	
Molybdenum	mg/L	0.001	
Nickel	mg/L	<0.0005	
Potassium	mg/L	0.8	
Sulfur	mg/L	9.8	
Selenium	mg/L	0.0005	
Strontium	mg/L	0.086	
Silver	mg/L	<0.00001	
Silicon	mg/L	2.29	
Sodium	mg/L	0.5	
Thallium	mg/L	<0.00005	
Tin	mg/L	<0.001	
Titanium	mg/L	0.0018	
Uranium	mg/L	0.0028	
Vanadium	mg/L	0.0002	
Zinc	mg/L	0.009	

Table. Appendix Summary of Station RAU#5 Analysis Data.

Parameter	Unit	Aug-08	Oct-08
pH (field)	ru	8.2	7.97
pH (lab)	ru	7.98	8.22
Conductivity (lab)	uS/cm	571	512
Water temperature	C	2	1
Flow Volume(field)	cms	0.037	
Ammonia -N	mg/L	<0.005	<0.01
Orthophosphate -P	mg/L	<0.01	<0.01
Chloride	mg/L	0.05	0.05
Nitrate - N	mg/L	0.12	0.1
Nitrite - N	mg/L	0.14	0.16
Sulphate (S04)	mg/L	39	33.2
T.Suspended Solids	mg/L	6	<2
T.Dissolved Solids	mg/L	362	370
Hardness (as CaC03)	mg/L	332	287
Alkalinity (as CaC03)	mg/L	296	262

Table. Appendix Summary of Station RAU#5 Analysis Data.

Parameter	Units	Aug-08	Oct-08
Dissolved Metals			
Aluminum	mg/L	0.006	0.005
Antimony	mg/L	0.0018	0.0013
Arsenic	mg/L	0.0005	0.0004
Barium	mg/L	0.114	0.115
Beryllium	mg/L	<0.0001	<0.0001
Bismuth	mg/L	<0.0005	<0.0005
Boron	mg/L	0.002	<0.002
Cadmium	mg/L	0.00049	0.00028
Calcium	mg/L	77.6	68.5
Chromium	mg/L	<0.0005	<0.0005
Cobalt	mg/L	0.0001	<0.0001
Copper	mg/L	<0.001	<0.001
Iron	mg/L	0.11	0.03
Lead	mg/L	<0.0001	<0.0001
Lithium	mg/L	0.003	0.002
Magnesium	mg/L	28	26.7
Manganese	mg/L	0.011	<0.005
Molybdenum	mg/L	0.007	0.007
Nickel	mg/L	0.0096	0.0078
Potassium	mg/L	1	0.8
Sulfur	mg/L	12.9	10.3
Selenium	mg/L	0.0031	0.0038
Strontium	mg/L	0.198	0.168
Silver	mg/L	<0.00001	<0.00001
Silicon	mg/L	2.96	2.82
Sodium	mg/L	0.7	0.5
Thallium	mg/L	<0.00005	<0.00005
Tin	mg/L	<0.001	<0.001
Titanium	mg/L	0.0014	0.0005
Uranium	mg/L	0.0121	0.0103
Vanadium	mg/L	0.0008	0.0012
Zinc	mg/L	0.07	0.051

Table. Appendix Summary of Station RAU#5 Analysis Data.

Parameter	Units	Aug-08	Oct-08
Total Metals			
Aluminum	mg/L	0.111	0.005
Antimony	mg/L	0.0007	0.0007
Arsenic	mg/L	0.0006	0.0004
Barium	mg/L	0.135	0.11
Beryllium	mg/L	<0.0001	<0.0001
Bismuth	mg/L	<0.0005	<0.0005
Boron	mg/L	0.003	<0.002
Cadmium	mg/L	0.00073	0.00026
Calcium	mg/L	82.8	70.8
Chromium	mg/L	0.0008	<0.0005
Cobalt	mg/L	0.0002	<0.0001
Copper	mg/L	0.001	0.002
Iron	mg/L	0.37	<0.05
Lead	mg/L	0.0003	<0.0001
Lithium	mg/L	0.003	0.003
Magnesium	mg/L	30.4	26.8
Manganese	mg/L	0.023	<0.005
Molybdenum	mg/L	0.007	0.007
Nickel	mg/L	0.012	0.0079
Potassium	mg/L	1.1	1
Sulfur	mg/L	13.7	11.2
Selenium	mg/L	0.003	0.0033
Strontium	mg/L	0.211	0.181
Silver	mg/L	<0.00001	<0.00001
Silicon	mg/L	3.05	2.7
Sodium	mg/L	0.9	0.7
Thallium	mg/L	<0.00005	<0.00005
Tin	mg/L	<0.001	<0.001
Titanium	mg/L	0.0052	0.0011
Uranium	mg/L	0.0126	0.0104
Vanadium	mg/L	0.0011	0.0004
Zinc	mg/L	0.083	0.055

Table. Appendix Summary of Station RAU#6 Analysis Data.

Parameter	Unit	Aug-08	Oct-08
pH (field)	ru	8.58	No
pH (lab)	ru	8.19	Sample
Conductivity (lab)	uS/cm	272	
Water temperature	C	2	
Flow Volume(field)	cms	.025 E	
Ammonia -N	mg/L	0.035	
Orthophosphate -P	mg/L	<0.01	
Chloride	mg/L	0.06	
Nitrate - N	mg/L	0.16	
Nitrite - N	mg/L	0.09	
Sulphate (S04)	mg/L	5.99	
T.Suspended Solids	mg/L	4	
T.Dissolved Solids	mg/L	164	
Hardness (as CaC03)	mg/L	153	
Alkalinity (as CaC03)	mg/L	149	

Table. Appendix Summary of Station RAU#6 Analysis Data.

Parameter	Units	Aug-08	Oct-08
Dissolved Metals			
Aluminum	mg/L	No	No
Antimony	mg/L	Sample	Sample
Arsenic	mg/L		
Barium	mg/L		
Beryllium	mg/L		
Bismuth	mg/L		
Boron	mg/L		
Cadmium	mg/L		
Calcium	mg/L		
Chromium	mg/L		
Cobalt	mg/L		
Copper	mg/L		
Iron	mg/L		
Lead	mg/L		
Lithium	mg/L		
Magnesium	mg/L		
Manganese	mg/L		
Molybdenum	mg/L		
Nickel	mg/L		
Potassium	mg/L		
Sulfur	mg/L		
Selenium	mg/L		
Strontium	mg/L		
Silver	mg/L		
Silicon	mg/L		
Sodium	mg/L		
Thallium	mg/L		
Tin	mg/L		
Titanium	mg/L		
Uranium	mg/L		
Vanadium	mg/L		
Zinc	mg/L		

Table. Appendix Summary of Station RAU#6 Analysis Data.

Parameter	Units	Aug-08	Oct-08
Total Metals			
Aluminum	mg/L	<0.005	No
Antimony	mg/L	<0.0002	Sample
Arsenic	mg/L	<0.0002	
Barium	mg/L	0.084	
Beryllium	mg/L	<0.0001	
Bismuth	mg/L	<0.0005	
Boron	mg/L	0.004	
Cadmium	mg/L	<0.00001	
Calcium	mg/L	37.5	
Chromium	mg/L	<0.0005	
Cobalt	mg/L	0.0002	
Copper	mg/L	<0.001	
Iron	mg/L	<0.05	
Lead	mg/L	<0.0001	
Lithium	mg/L	<0.001	
Magnesium	mg/L	14.4	
Manganese	mg/L	<0.005	
Molybdenum	mg/L	0.002	
Nickel	mg/L	<0.0005	
Potassium	mg/L	<0.4	
Sulfur	mg/L	2.2	
Selenium	mg/L	0.0006	
Strontium	mg/L	0.025	
Silver	mg/L	<0.00001	
Silicon	mg/L	1.17	
Sodium	mg/L	<0.4	
Thallium	mg/L	<0.00005	
Tin	mg/L	<0.001	
Titanium	mg/L	<0.0005	
Uranium	mg/L	0.0024	
Vanadium	mg/L	<0.0001	
Zinc	mg/L	0.004	

Table. Appendix Summary of Station RAU#7 Analysis Data.

Parameter	Unit	Aug-08	Oct-08
pH (field)	ru	8.93	8.1
pH (lab)	ru	8.29	8.37
Conductivity (lab)	uS/cm	357	366
Water temperature	C	3	2
Flow Volume(field)	cms	0.027	0.042
Ammonia -N	mg/L	<0.005	<0.01
Orthophosphate -P	mg/L	<0.01	<0.01
Chloride	mg/L	0.12	0.18
Nitrate - N	mg/L	0.21	0.27
Nitrite - N	mg/L	0.08	0.09
Sulphate (S04)	mg/L	29.5	32.3
T.Suspended Solids	mg/L	<2	<2
T.Dissolved Solids	mg/L	226	274
Hardness (as CaC03)	mg/L	197	206
Alkalinity (as CaC03)	mg/L	174	172

Table. Appendix Summary of Station RAU#7 Analysis Data.

Parameter	Unit	Aug-08	Oct-08
Dissolved Metals			
Aluminum	mg/L	<0.005	<0.005
Antimony	mg/L	0.0006	0.0007
Arsenic	mg/L	0.0003	0.0003
Barium	mg/L	0.155	0.174
Beryllium	mg/L	<0.0001	<0.0001
Bismuth	mg/L	<0.0005	<0.0005
Boron	mg/L	<0.002	<0.002
Cadmium	mg/L	0.00003	0.00002
Calcium	mg/L	40.9	42.2
Chromium	mg/L	<0.0005	<0.0005
Cobalt	mg/L	<0.0001	<0.0001
Copper	mg/L	<0.001	<0.001
Iron	mg/L	<0.01	<0.01
Lead	mg/L	<0.0001	<0.0001
Lithium	mg/L	<0.001	<0.001
Magnesium	mg/L	20.9	22.2
Manganese	mg/L	<0.005	<0.005
Molybdenum	mg/L	<0.001	<0.001
Nickel	mg/L	<0.0005	<0.0005
Potassium	mg/L	<0.4	<0.4
Sulfur	mg/L	9.7	10.5
Selenium	mg/L	<0.0002	0.0004
Strontium	mg/L	0.042	0.042
Silver	mg/L	<0.00001	<0.00001
Silicon	mg/L	1.87	1.93
Sodium	mg/L	<0.4	0.6
Thallium	mg/L	<0.00005	<0.00005
Tin	mg/L	<0.001	<0.001
Titanium	mg/L	0.001	<0.0005
Uranium	mg/L	0.0013	0.0014
Vanadium	mg/L	0.0007	0.0007
Zinc	mg/L	0.006	0.006

Table. Appendix Summary of Station RAU#7 Analysis Data.

Parameter	Unit	Aug-08	Oct-08
Total Metals			
Aluminum	mg/L	0.032	<0.01
Antimony	mg/L	<0.0002	<0.0004
Arsenic	mg/L	0.0002	<0.0004
Barium	mg/L	0.168	0.18
Beryllium	mg/L	<0.0001	<0.0002
Bismuth	mg/L	<0.0005	<0.001
Boron	mg/L	<0.002	<0.004
Cadmium	mg/L	0.00003	0.00004
Calcium	mg/L	42.5	44.7
Chromium	mg/L	<0.0005	<0.001
Cobalt	mg/L	0.0001	<0.0002
Copper	mg/L	<0.001	<0.002
Iron	mg/L	<0.05	<0.1
Lead	mg/L	0.0001	<0.0002
Lithium	mg/L	<0.001	<0.002
Magnesium	mg/L	22.1	23
Manganese	mg/L	<0.005	<0.01
Molybdenum	mg/L	<0.001	<0.002
Nickel	mg/L	<0.0005	<0.001
Potassium	mg/L	<0.4	<0.8
Sulfur	mg/L	10.2	11
Selenium	mg/L	<0.0002	<0.0004
Strontium	mg/L	0.042	0.046
Silver	mg/L	<0.00001	0.00007
Silicon	mg/L	1.81	1.9
Sodium	mg/L	<0.4	<0.8
Thallium	mg/L	<0.00005	<0.0001
Tin	mg/L	<0.001	<0.002
Titanium	mg/L	0.002	0.001
Uranium	mg/L	0.0013	0.001
Vanadium	mg/L	0.0003	0.0002
Zinc	mg/L	0.008	0.02

Table. Appendix Summary of Station RAU#8 Analysis Data.

Parameter	Unit	Aug-08	Oct-08
pH (field)	ru	8.58	8.16
pH (lab)	ru	8.23	8.25
Conductivity (lab)	uS/cm	328	320
Water temperature	C	3	1
Flow Volume(field)	cms	0.074	
Ammonia -N	mg/L	<0.005	0.03
Orthophosphate -P	mg/L	<0.01	<0.01
Chloride	mg/L	0.08	0.12
Nitrate - N	mg/L	0.17	0.2
Nitrite - N	mg/L	0.09	0.09
Sulphate (S04)	mg/L	22.3	21.6
T.Suspended Solids	mg/L	<2	9
T.Dissolved Solids	mg/L	214	252
Hardness (as CaC03)	mg/L	182	179
Alkalinity (as CaC03)	mg/L	162	156

Table. Appendix Summary of Station RAU#8 Analysis Data.

Parameter	Unit	Aug-08	Oct-08
Dissolved Metals			
Aluminum	mg/L	<0.005	0.006
Antimony	mg/L	0.0009	0.0006
Arsenic	mg/L	0.0003	0.0003
Barium	mg/L	0.159	0.153
Beryllium	mg/L	<0.0001	<0.0001
Bismuth	mg/L	<0.0005	<0.0005
Boron	mg/L	<0.002	<0.002
Cadmium	mg/L	0.00014	0.00011
Calcium	mg/L	43.1	42.4
Chromium	mg/L	<0.0005	<0.0005
Cobalt	mg/L	<0.0001	0.0001
Copper	mg/L	<0.001	<0.001
Iron	mg/L	<0.01	0.02
Lead	mg/L	<0.0001	<0.0001
Lithium	mg/L	<0.001	<0.001
Magnesium	mg/L	15.6	16.1
Manganese	mg/L	<0.005	<0.005
Molybdenum	mg/L	<0.001	<0.001
Nickel	mg/L	0.0013	0.0013
Potassium	mg/L	<0.4	<0.4
Sulfur	mg/L	7.8	6.6
Selenium	mg/L	0.0008	0.0008
Strontium	mg/L	0.052	0.048
Silver	mg/L	<0.00001	<0.00001
Silicon	mg/L	1.36	6.6
Sodium	mg/L	<0.4	<0.4
Thallium	mg/L	<0.00005	<0.00005
Tin	mg/L	<0.001	<0.001
Titanium	mg/L	0.001	<0.0005
Uranium	mg/L	0.003	0.0025
Vanadium	mg/L	0.0006	0.0006
Zinc	mg/L	0.037	0.029

Table. Appendix Summary of Station RAU#8 Analysis Data.

Parameter	Unit	Aug-08	Oct-08
Total Metals			
Aluminum	mg/L	0.033	0.126
Antimony	mg/L	<0.0002	<0.0002
Arsenic	mg/L	0.0003	0.0004
Barium	mg/L	0.171	0.157
Beryllium	mg/L	<0.0001	<0.0001
Bismuth	mg/L	<0.0005	<0.0005
Boron	mg/L	<0.002	<0.002
Cadmium	mg/L	0.00014	0.00017
Calcium	mg/L	45.3	43.8
Chromium	mg/L	<0.0005	0.0005
Cobalt	mg/L	<0.0001	0.0001
Copper	mg/L	<0.001	<0.001
Iron	mg/L	<0.05	0.2
Lead	mg/L	0.0002	0.001
Lithium	mg/L	<0.001	0.001
Magnesium	mg/L	16.8	16.8
Manganese	mg/L	<0.005	0.053
Molybdenum	mg/L	<0.001	<0.001
Nickel	mg/L	0.0014	0.0023
Potassium	mg/L	<0.4	<0.4
Sulfur	mg/L	8.1	7.3
Selenium	mg/L	0.0008	0.0009
Strontium	mg/L	0.055	0.054
Silver	mg/L	<0.00001	0.00001
Silicon	mg/L	1.36	1.53
Sodium	mg/L	<0.4	<0.4
Thallium	mg/L	<0.00005	<0.00005
Tin	mg/L	<0.001	<0.001
Titanium	mg/L	0.0019	0.004
Uranium	mg/L	0.003	0.0028
Vanadium	mg/L	0.0002	0.0006
Zinc	mg/L	0.038	0.05

ATAC RESOURCES LTD

RAU CLAIMS

Baseline Water Quality Survey

August 2008

J.Gibson Env. Consulting ***Whitehorse, Yukon***

Atac Resources Ltd requested a baseline water quality / hydrology survey be conducted on the surface water tributaries draining the area of the RAU Claims north of Keno City, Yukon.

The RAU Claims are located near the confluence of the Beaver River and the Rackla River. Streams draining south of the claims are tributaries to the Beaver River with streams draining north and west of the claims being tributaries to the Rackla River. Immediately north of the claims are the Kathleen Lakes as part of the Rackla River drainage.
The confluence of the Beaver and Rackla Rivers is located to the south west of the claims.

An active big game outfitter's camp is located on the Kathleen Lake system.

Exploration activity on the RAU Claims in August 2008 consists of a 15 person exploration camp with diamond drill and claim staking operations ongoing.

The exploration camp and all survey sites were accessed by helicopter.

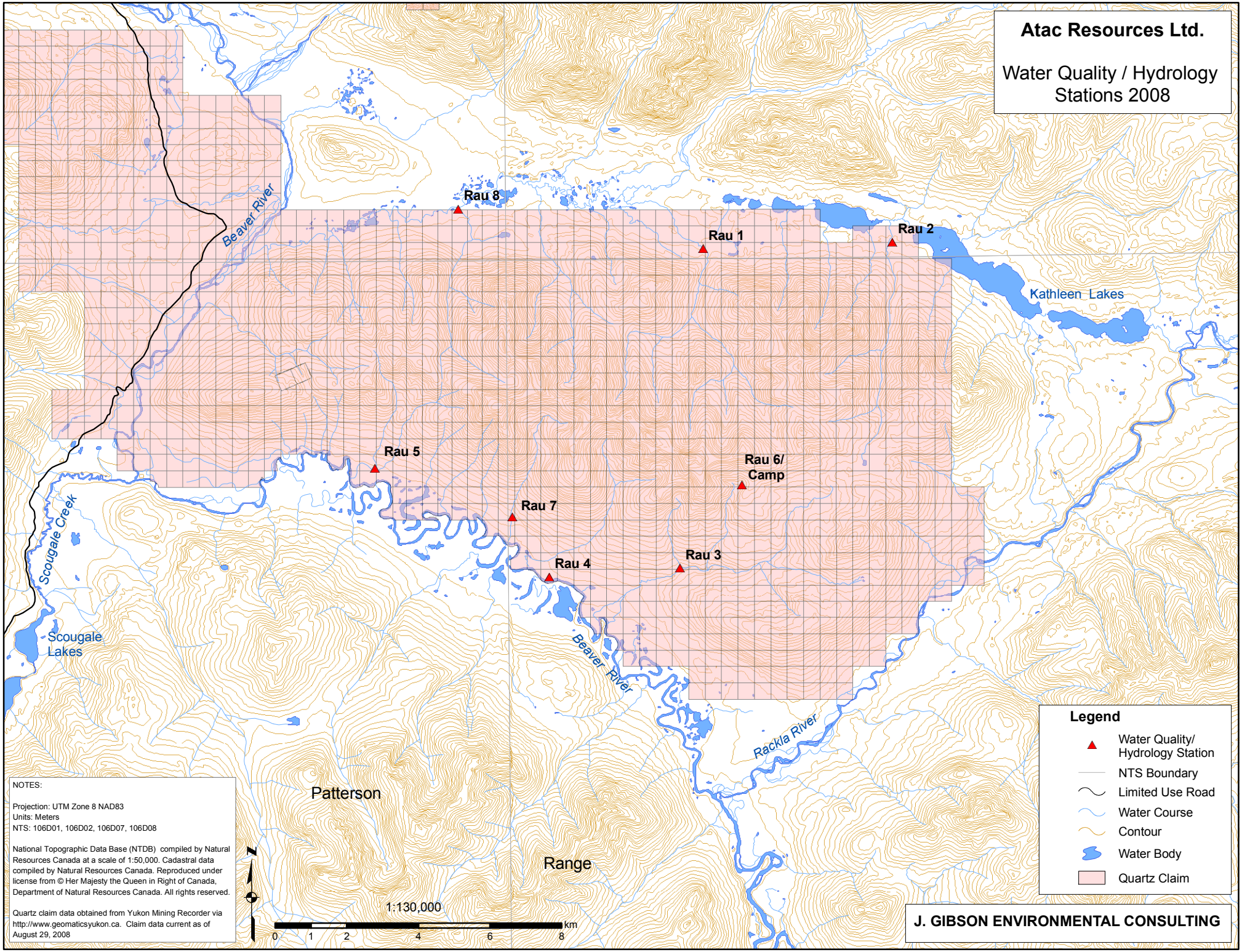
The baseline survey consisted of water quality samples for routine chemistry, total metals, dissolved metals with field measurements for pH, water temperature and flow volumes.

Sample Locations

Eight water quality sample sites were established in August, 2008 on tributary streams draining the RAU Claims (see attached locations map).

Sample station designations, coordinates and elevations are:

Station #	Lat/Long Coordinates	Elevation (m)
RAU #1	64 15.152 / 134 23.193	747
RAU #2	64 15.224 / 134 16.650	750
RAU #3	64 10.350 / 134 24.091	787
RAU #4	64 10.253 / 134 28.599	659
RAU #5	64 11.940 / 134 34.455	655
RAU #6		
RAU #7	64 11.104 / 134 29.739	702
RAU #8	64 15.782 / 134 31.634	718


Atac Resources Ltd.
Water Quality / Hydrology Stations 2008
Rau 8
Rau 1
Rau 2
Rau 5
Rau 6/ Camp
Rau 7
Rau 4
Rau 3
Beaver River
Kathleen Lakes
Scougale Creek
Scougale Lakes
Beaver River
Rackla River
Patterson
Range
NOTES:
Projection: UTM Zone 8 NAD83
Units: Meters
NTS: 106D01, 106D02, 106D07, 106D08
National Topographic Data Base (NTDB) compiled by Natural Resources Canada at a scale of 1:50,000. Cadastral data compiled by Natural Resources Canada. Reproduced under license from © Her Majesty the Queen in Right of Canada, Department of Natural Resources Canada. All rights reserved.
Quartz claim data obtained from Yukon Mining Recorder via http://www.geomaticsyukon.ca. Claim data current as of August 29, 2008
N
1:130,000
0 1 2 4 6 8 km
Legend
Water Quality/ Hydrology Station
NTS Boundary
Limited Use Road
Water Course
Contour
Water Body
Quartz Claim
J. GIBSON ENVIRONMENTAL CONSULTING

Station coordinates and elevations are for helicopter landing sites. Due to the topography and thick vegetation it was often necessary to located / construct landing sites up to100 meters distance from sample sites. Landing sites are marked by a large tree blaze, spray painted orange with sample designation number marked on the blaze.

Sample Analysis Parameters

Each station was sampled for total metals, dissolved metals and routine chemistry.

Dissolved metals samples were filtered onsite using disposable 60 ml syringes and 0.45 micron filters. New syringes and filters were used for each station.

Total and dissolved metal samples were preserved with nitric acid immediately after sampling.

All samples were stored in coolers, kept at 4 Celsius and shipped by air cargo to the Bodycote T.G. laboratory in Surrey B.C. for analysis within recommended holding times.

Field measurements for pH were taken with an Oakton 300M meter, water temperatures with a mercury thermometer.

Stream flow volumes were measured with a Price AA velocity meter and cross sectional area calculations.

Analysis Results

Laboratory analysis and field measurement results are listed in the following tables:

Table 1. Routine Chemistry – laboratory analysis and field measurement results

Table 2. Total Metals ICP – MS laboratory analysis results

Table 3. Dissolved Metals ICP – MS laboratory analysis results

Table 4. Camp Drinking Water Supply (Station RAU #6) – Total Metals and Routine Chemistry analysis results with Canadian Drinking Water Guidelines.

Listed with the analysis data are the laboratory detection limits for each parameter.

As a guide for reviewing site water quality, the Maximum Acceptable Concentration (MAC) according to ***Canadian Drinking Water Quality*** are listed along with the Aquatic Guidelines for the protection of aquatic life in water with a pH of > 6.5 and a total hardness as CaC03 > 180 mg/L according to CCME – ***Canadian Water Quality Guidelines.***
All water quality ***Guideline*** concentrations are based on total metal values.

All laboratory analysis was done by Bodycote Testing Group of Surrey B.C.

Laboratory Analytical Reports are attached in Appendix 1.

Flow volume calculation sheets are contained in Appendix 2.

Discussion

Hydrology

Measured flow volumes for the August survey were taken in a post freshet, decreasing stage conditions. Persistent precipitation over the past month would contribute to maintaining flow volumes above there seasonal norm.
Measured flow volumes for each station are listed below. Station RAU #6 (camp drinking water supply) volumes were estimated.

Measured Stream Flow Volumes – RAU Claims August, 2008	
Station	**Flow Volume**
	(cubic meters/second)
RAU #1	**0.502**
RAU #2	**0.234**
RAU #3	**0.493**
RAU #4	**0.043**
RAU #5	**0.038**
RAU #6	**0.025 Estimated**
RAU #7	**0.027**
RAU #8	**0.074**

Routine Chemistry

Field measurement and lab analysis results for routine chemistry are listed in Table 1.

Analysis results for all stations for all parameters measured meet the *Drinking Water Guideline's* respective MAC's.

Analysis results for all parameters with the exception of Nitrite – N meet the *CCME Guidelines* for the protection of Aquatic Life.
Nitrite – N values exceed *Guideline* concentration (0.06 mg/L) at all stations with the exception of RAU #1 and RAU #2. The maximum measured value for Nitrite – N was 0.14 mg/L at Station RAU # 5.
The presence of Nitrite – N in the absence of any industrial pollutants may be the result of nitrification, oxidation of ammonia by bacteria. The pH values for all sites are near/ above the optimum oxidation pH of 8.0. The rate of nitrification would be inhibited by the low water temperature.
Nitrate – N was also detected at all stations with values ranging from 0.07 to 0.21 mg/L.

Total Hardness as CaC03 values range from 139 – 332 mg/L, giving a hardness rating of "hard to very hard".

Metals

The laboratory analytical report notes that some total metal results are less than dissolved metal concentrations but are verified and are within the expected measurement uncertainty.

Total metals analysis results are listed in Table 2, dissolved metals analysis results in Table 3.

Station RAU #1

Station RAU #1 is located on a tributary to Kathleen Lakes / Rackla River. The tributary is one of the larger watersheds draining the claim area with a measured stream flow volume of 0.502 cubic meters per second. Stream flows are contained within a single channel with well defined banks and a rock and cobble channel base.
Total metals analysis at Station RAU #1 show concentrations of total iron (0.42 mg/L) exceed the *Drinking Water Quality Guidelines (DWQ)* maximum acceptable concentration *(MAC)*of 0.3 mg/L.
Concentrations of total iron, total aluminum (0.318 mg/L) and total selenium (0.0024 mg/L) exceed the *CCME Aquatic Guidelines.* Approximately 50% of the aluminum is in dissolved form with 100 % of total selenium in dissolved form.

Table 1. ATAC Resources - RAU Claims, August 2008.
Routine Chemistry and Field Measurement Results

		STATIONS										
Parameter	**Unit**	**RAU #1**	**RAU #2**	**RAU #3**	**RAU #4**	**RAU #5**	**RAU #6**	**RAU #7**	**RAU #8**	**Detection Limit**	**DWQ* Guidelines**	**Aquatic** Guidelines**
pH (field)	ru	8.65	8.45	8.79	8.64	8.2	8.58	8.93	8.58			
pH (lab)	ru	816	8.08	8.3	8.34	7.98	8.19	8.29	8.23		6.5-8.5	6.5-9
Conductivity (lab)	uS/cm	288	258	371	398	571	272	357	328	1		
Water temperature	C	3	2.5	4	6	2	2	3	3			
Flow Volume(field)	cms	0.502	0.234	0.493	0.043	0.037	.025 E	0.027	0.074			
Ammonia -N	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	0.035	<0.005	<0.005	0.005		1.37-2.2
Orthophosphate -P	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01		
Chloride	mg/L	0.07	0.06	0.05	0.1	0.05	0.06	0.12	0.08	0.02	<250	
Nitrate - N	mg/L	0.09	0.2	0.07	0.16	0.12	0.16	0.21	0.17	0.01	10	
Nitrite - N	mg/L	<0.01	<0.01	0.11	0.1	0.14	0.09	0.08	0.09	0.01	1	0.06
Sulphate (S04)	mg/L	28.6	29.8	25.8	28	39	5.99	29.5	22.3	0.05		
T.Suspended Solids	mg/L	15	4	38	<2	6	4	<2	<2	1		
T.Dissolved Solids	mg/L	208	178	244	256	362	164	226	214	5	500	
Hardness (as CaC03)	mg/L	162	139	210	224	332	153	197	182		<500	
Alkalinity (as CaC03)	mg/L	129	108	184	202	296	149	174	162	5		

All results and limits in mg/L unless noted otherwise

DWQ* Guidelines are Maximum Acceptable Concentrations according to

Canadian Drinking Water Quality

Aquatic Guidelines are for protection of aquatic life in waters with pH >6.5 and Hardness as CaC03 >180 mg/L**

Canadian Water Quality Guidelines

Table 2. ATAC Resources - RAU Claims, August 2008

Total Metals Analysis Results.

Parameter	Units	RAU #1	RAU #2	RAU #3	RAU #4	RAU #5	RAU #6	RAU #7	RAU #8	Detection Limit	DWQ* Guidelines	Aquatic** Guidelines
Total Metals												
Aluminum	mg/L	0.318	0.184	0.754	0.024	0.111	<0.005	0.032	0.033	0.005		0.1
Antimony	mg/L	<0.0002	<0.0002	0.0002	<0.0002	0.0007	<0.0002	<0.0002	<0.0002	0.0002	0.006	
Arsenic	mg/L	0.0005	0.0003	0.0019	0.002	0.0006	<0.0002	0.0002	0.0003	0.0002	0.01	
Barium	mg/L	0.102	0.042	0.131	0.135	0.135	0.084	0.168	0.171	0.001	1	
Beryllium	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.0001		
Bismuth	mg/L	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0005		
Boron	mg/L	0.002	0.003	0.007	0.003	0.003	0.004	<0.002	<0.002	0.002	5	
Cadmium	mg/L	0.00014	0.00002	0.00023	0.00003	0.00073	<0.00001	0.00003	0.00014	0.00001	0.005	0.0018
Calcium	mg/L	51	41.1	58.2	56.3	82.8	37.5	42.5	45.3	0.2		
Chromium	mg/L	0.0009	0.0006	0.0021	<0.0005	0.0008	<0.0005	<0.0005	<0.0005	0.0005	0.05	0.002
Cobalt	mg/L	0.0003	0.0005	0.0007	<0.0001	0.0002	0.0002	0.0001	<0.0001	0.0001		
Copper	mg/L	0.002	0.002	0.003	<0.001	0.001	<0.001	<0.001	<0.001	0.001	1	0.004
Iron	mg/L	0.42	0.34	1.29	<0.05	0.37	<0.05	<0.05	<0.05	0.05	0.3	0.3
Lead	mg/L	0.0006	0.0001	0.001	<0.0001	0.0003	<0.0001	0.0001	0.0002	0.0001	0.01	0.007
Lithium	mg/L	0.002	0.003	0.002	0.001	0.003	<0.001	<0.001	<0.001	0.001		
Magnesium	mg/L	8.3	8.8	15.9	20.2	30.4	14.4	22.1	16.8	0.1		
Manganese	mg/L	0.024	0.068	0.04	<0.005	0.023	<0.005	<0.005	<0.005	0.005	0.05	
Molybdenum	mg/L	0.001	<0.001	0.002	0.001	0.007	0.002	<0.001	<0.001	0.001		
Nickel	mg/L	0.0018	0.0021	0.0042	<0.0005	0.012	<0.0005	<0.0005	0.0014	0.0005		0.15
Potassium	mg/L	<0.4	<0.4	1.2	0.8	1.1	<0.4	<0.4	<0.4	0.4		
Sulfur	mg/L	10.2	10.6	9.2	9.8	13.7	2.2	10.2	8.1	0.3		
Selenium	mg/L	0.0024	0.0008	0.001	0.0005	0.003	0.0006	<0.0002	0.0008	0.0002	0.01	0.001
Strontium	mg/L	0.093	0.087	0.086	0.086	0.211	0.025	0.042	0.055	0.001		
Silver	mg/L	<0.00001	<0.00001	0.00002	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	0.00001		0.0001
Silicon	mg/L	2.47	2.52	2.92	2.29	3.05	1.17	1.81	1.36	0.05		
Sodium	mg/L	0.8	0.9	0.7	0.5	0.9	<0.4	<0.4	<0.4	0.4	<200	
Thallium	mg/L	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	0.00005		
Tin	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001		
Titanium	mg/L	0.0096	0.0041	0.023	0.0018	0.0052	<0.0005	0.002	0.0019	0.0005		
Uranium	mg/L	0.0013	<0.0005	0.0026	0.0028	0.0126	0.0024	0.0013	0.003	0.0005	0.02	
Vanadium	mg/L	0.0013	0.0005	0.0031	0.0002	0.0011	<0.0001	0.0003	0.0002	0.0001		
Zinc	mg/L	0.014	0.006	0.018	0.009	0.083	0.004	0.008	0.038	0.001	<5	0.03

Table 3. ATAC Resources - RAU Claims, August 2008.

Dissolved Metals Analysis Results

Parameter	Units	RAU #1	RAU #2	RAU #3	RAU #4	RAU #5	RAU #6	RAU #7	RAU #8	Detection Limit
Dissolved Metals										
Aluminum	mg/L	0.016	0.04	0.016	0.007	0.006	No	<0.005	<0.005	0.005
Antimony	mg/L	0.0008	0.0007	0.0011	0.0007	0.0018	Sample	0.0006	0.0009	0.0002
Arsenic	mg/L	0.0004	0.0004	0.0007	0.0023	0.0005		0.0003	0.0003	0.0002
Barium	mg/L	0.082	0.037	0.096	0.122	0.114		0.155	0.159	0.001
Beryllium	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001		<0.0001	<0.0001	0.0001
Bismuth	mg/L	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		<0.0005	<0.0005	0.0005
Boron	mg/L	<0.002	<0.002	0.006	0.002	0.002		<0.002	<0.002	0.002
Cadmium	mg/L	0.00009	0.00002	0.00008	0.00003	0.00049		0.00003	0.00014	0.00001
Calcium	mg/L	46.7	38.5	54.2	54	77.6		40.9	43.1	0.2
Chromium	mg/L	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		<0.0005	<0.0005	0.0005
Cobalt	mg/L	<0.0001	0.0002	<0.0001	<0.0001	0.0001		<0.0001	<0.0001	0.0001
Copper	mg/L	<0.001	0.001	0.002	<0.001	<0.001		<0.001	<0.001	0.001
Iron	mg/L	0.02	0.09	0.28	<0.01	0.11		<0.01	<0.01	0.01
Lead	mg/L	<0.0001	0.0003	<0.0001	<0.0001	<0.0001		<0.0001	<0.0001	0.0001
Lithium	mg/L	0.001	0.003	0.001	0.001	0.003		<0.001	<0.001	0.001
Magnesium	mg/L	7.2	8.1	14.4	19	28		20.9	15.6	0.1
Manganese	mg/L	<0.005	0.028	<0.005	<0.005	0.011		<0.005	<0.005	0.005
Molybdenum	mg/L	0.001	<0.001	0.002	0.001	0.007		<0.001	<0.001	0.001
Nickel	mg/L	0.0011	0.0013	0.0013	<0.0005	0.0096		<0.0005	0.0013	0.0005
Potassium	mg/L	<0.4	<0.4	0.9	0.7	1		<0.4	<0.4	0.4
Sulfur	mg/L	9.5	10	8.6	9.4	12.9		9.7	7.8	0.3
Selenium	mg/L	0.0025	0.0006	0.001	0.0004	0.0031		<0.0002	0.0008	0.0002
Strontium	mg/L	0.089	0.081	0.079	0.082	0.198		0.042	0.052	0.001
Silver	mg/L	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	0.00001
Silicon	mg/L	2.08	2.39	2.33	2.36	2.96		1.87	1.36	0.05
Sodium	mg/L	0.6	0.7	0.5	<0.4	0.7		<0.4	<0.4	0.4
Thallium	mg/L	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005		<0.00005	<0.00005	0.00005
Tin	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	0.001
Titanium	mg/L	0.0011	0.0014	0.0012	0.0011	0.0014		0.001	0.001	0.0005
Uranium	mg/L	0.0012	<0.0005	0.0024	0.0028	0.0121		0.0013	0.003	0.0005
Vanadium	mg/L	0.0004	0.0005	0.0005	0.0006	0.0008		0.0007	0.0006	0.0001
Zinc	mg/L	0.007	0.004	0.003	0.008	0.07		0.006	0.037	0.001

Station RAU #2

Station RAU #2 is located on a tributary of the Rackla River that discharges directly into Kathleen Lakes. Measured stream flow volumes were 0.234 cubic meters per second with flow contained within a single channel consistent with RAU #1.
Total metals analysis results show concentrations of total iron (0.34 mg/L) and total manganese (0.068 mg/L) exceed the *DWQ Guidelines MAC's* of 0.3 mg/L and 0.05 mg/L respectively.
Concentrations of total iron and total aluminum (0.184 mg/L) exceed the *CCME – Aquatic Guidelines*.
A low percentage of the all three parameters occur in dissolved form.

Station RAU #3

Station RAU #3 is located on a tributary to the Beaver River. This tributary is the largest tributary to the Beaver River draining the claim area with a measured stream flow volume of 0.493 cubic meters per second. The station is located approximately 2 km upstream of steam confluence with the Beaver River. The stream channel is contained within a canyon, stream bed consists of boulders, rock and cobbles.
The exploration camp is located near the headwaters of this tributary as is Station RAU #6.
Total metals analysis results show concentrations of total iron (1.29 mg/L) exceed the *DWQ Guideline MAC* of 0.3 mg/L.
Concentrations of total iron, total aluminum (0.754 mg/L) and total chromium (0.0021 mg/L) exceed the *CCME – Aquatic Guidelines*.
A low percentage of iron and aluminum occur in dissolved form with dissolved chromium values being below the laboratory detection limit.

Station RAU #4

Station RAU #4 is located on a tributary to the Beaver River. Due to topography and heavy vegetation, the station is located near the mouth, downstream of the break in slope. The stream flow was contained within a single channel but during freshet / spring runoff this will be a multi channel site. Stream flow was measured at 0.043 cubic meters per second in a channel with higher silt content in the bed materials than previous stations. The diamond drill was located in the upper reach of this tributary during the survey.
Total metals analysis results show no parameters exceed the *DWQ or CCME – Aquatic Guidelines.*

Station RAU #5

Station RAU #5 is located on a tributary to the Beaver River east of Station RAU #4. As with Station RAU #4, topography and vegetation dictated the station be located near the mouth, downstream of the break in slope.

Table 4. RAU Claims - Camp Drinking Water Supply

Parameter		Camp Supply RAU #6	DWQ* Guideline MAC's
pH	ru	8.19	6 to 8.5
Chloride	mg/L	0.06	<250
Nitrite	mg/L	0.09	1
Nitrate	mg/L	0.16	10
T.Dissolved Solids	mg/L	164	500
Hardness as CaC03	mg/L	153	<500
Total Metals			
Aluminum	mg/L	<0.005	
Antimony	mg/L	<0.0002	0.006
Arsenic	mg/L	<0.0002	0.01
Barium	mg/L	0.084	1
Boron	mg/L	0.004	5
Cadmium	mg/L	<0.00001	0.005
Calcium	mg/L	37.5	
Chromium	mg/L	<0.0005	0.05
Cobalt	mg/L	0.0002	
Copper	mg/L	<0.001	1
Iron	mg/L	<0.05	0.3
Lead	mg/L	<0.0001	0.01
Lithium	mg/L	<0.001	
Magnesium	mg/L	14.4	
Manganese	mg/L	<0.005	0.05
Molybdenum	mg/L	0.002	
Sulfur	mg/L	2.2	
Selenium	mg/L	0.0006	0.01
Strontium	mg/L	0.025	
Silicon	mg/L	1.17	
Sodium	mg/L	<0.4	<200
Titanium	mg/L	<0.0005	
Uranium	mg/L	0.0024	0.02
Zinc	mg/L	0.004	<5

DWQ* = Canadian Drinking Water Quality Guideline
MAC = Maximum Acceptable Concentration

Stream flow volumes (0.037 cubic meters per second) and channel characteristics are similar to Station RAU #4.
Total metals analysis results show concentrations of total iron (0.37 mg/L) exceed the *DWQ – Guideline MAC* of 0.3 mg/L.
Concentrations of total iron, total aluminum (0.111 mg/L) and total zinc (0.083 mg/L) exceed the *CCME – Aquatic Guidelines.*
Dissolved iron values represent approximately 30% of the total iron with dissolved zinc representing greater than 80% of the total zinc.

Station RAU #6

Station RAU #6 is located on the same tributary as Station RAU #3 and represents the camp drinking water supply. The sample site is located on the left (west) fork of the stream near the headwaters upstream of camp. Camp water supply is delivered by gravity feed through a black poly pipe.
Total metals analysis results are listed in Table 4 along with *DWQ – Guideline MAC's* values.
Total metals analysis results show concentrations of all "heavy metals" are near or below their respective detection limits.
Station RAU #6 meets all *DWQ – Guideline* requirements as a drinking water source.
Values for pH – 8.58 (lab) and 8.19 (field) are near the recommended maximum values for drinking water supply. There is no health risk associated with an elevated pH level.
Station RAU #6 has the highest concentrations of ammonia – N (0.035 mg/L) and nitrate-N (0.12 mg/L) measured during the survey. Neither of these parameters presents a health risk.
There was no dissolved metals analysis done for this station as drinking water quality is based on total metal concentrations.
Flow volumes at RAU #6 were estimated at 0.025 cubic meters per second.

Station RAU #7

Station RAU #7 is located on a tributary to the Beaver River. The station is located approximately 1 kilometer upstream of the confluence with the Beaver River just upstream of the break in slope. The stream is single channel contained within stable banks. Stream bed materials are rock and cobble with limited silt deposition. Stream flow volumes were measured at 0.027 cubic meters per second.
Total metals analysis results show values for all parameters tested meet the *DWQ and CCME Aquatic Guidelines.*

Station RAU #8

Station RAU #8 is located on a tributary to the Rackla River upstream of Kathleen Lakes. Due to topography and vegetation, the survey site is located near the stream mouth / confluence with the Rackla River. The stream is confined to a single channel at the measured flow volume of 0.074 cubic meters per second but during higher flows may be multi channeled. Stream channel characteristics are grass/ moss covered near vertical bank slopes with heavy silt deposition in channel base.
Total metals analysis results show all parameters tested meet *DWQ – Guideline MAC's*. Concentrations of total zinc (0.038 mg/L) exceed the CCME – Aquatic Guideline value of 0.03 mg/L.
Dissolved zinc represents 97% of the total zinc measured.

Summary

The August 2008 baseline survey was conducted during a decreasing flow stage well after the completion of spring freshet / snow melt runoff flows. Above average precipitation through July would have contributed to flow volumes remaining elevated above seasonal norms.

Routine chemistry, total metals and dissolved metals analysis indicate tributary streams draining the RAU claims have moderate to low concentrations for parameters tested.

Laboratory analysis results show minor concentrations of total aluminum and total iron at Stations RAU #1, RAU #2, RAU #3 and RAU #5.
Minor concentrations occur for total chromium at Station RAU #3, total manganese at Station RAU # 2, total selenium at Station RAU #1 and total zinc at Stations RAU #5 and RAU # 8.

Exploration camp drinking water supply (Station RAU #6) analysis results indicate the supply meets all requirements under the *Canadian Drinking Water Quality Guidelines*.

Additional baseline flow and chemistry data should be obtained prior to spring freshet for minimum flow data and during or immediately following spring runoff / freshet for peak flow data.
As the August water quality data does not appear to reflect known mineralization, baseline stream sediment data may assist with a more complete assessment of the area.

Where possible, surveys should be conducted when exploration camps are operating and helicopter costs can be minimized.

A P P E N D I X 1

of Baseline Water Quality Report - August 2008

LABORATORY ANALYTICAL REPORTS

August 2008

Bodycote TESTING GROUP

635676

Control Number A043327

Sample Information Sheet

NOTE: Proper completion of this form is required in order to proceed with analysis
See reverse for your nearest Bodycote location and proper sampling protocol

Billing Address:		**Copy of Report To:**	**Copy of Invoice:** ☐
Company:		Company:	Mail Invoice to this address for approval ☐
Address:	J. Gibson & Associates Box 20111 Whitehorse, YT Y1A 7A2	Address:	
QA/QC Report ☐			
Report Results:		**Report Results:**	
Attention:		Attention:	Fax ☐
Phone:	John Gibson	Phone:	Mail ☐
Fax:	(867)633-4522	Fax:	Courier ☐
Cell:	(867)668-6895	Cell:	e-mail ☐
e-mail:		e-mail:	e-Service ☐
Fax ☒			
Mail ☒			
Courier ☐			
e-mail ☐			
e-Service ☐			

Information to be included on Report and Invoice

Project ID: ATAC RESOURCES LTD.
Project Name: RAU CLAIMS
Project Location:
Legal Location:
PO#:
Proj. Acct. Code:
Agreement ID: 6646

Rush Please contact the laboratory to confirm rush dates and times before submitting samples.

Upon filling out this section, client accepts that surcharges will be attached to this analysis

RUSH required on: All analysis ☐ or As indicated ☐

Date Required: _____
Signature: _____
Bodycote Authorization: _____

Sample Custody (Please Print)
Sampled by: J. GIBSON
Company Signature J. Gibson

I authorize Bodycote to proceed with the work indicated on this form:
Date: Aug 8/08 Initial: JG.

Received by: BM Sample Temp. 6 °C
Waybill # AUG 11 2008 Date
Company NOVEX Time 2:45

Special Instructions / Comments

R. CHEM ALL SAMPLES RAU 1,2,3,4,5,7,8,6
= pH, EC, HARDT, ALKT, SO4, NH4, OPO4, TSS, TDS, N2, N3, Cl

~~RCHEM SAMPLE Rau 6 =~~

Please indicate which regulations you are required to meet: _____

FOR LAB USE ONLY
Condition of containers / coolers upon arrival at lab

☐ Check here if Bodycote is required to report results directly to a regulatory body (Please include contact information)

☒ Check here if you're testing POTABLE WATER for **HUMAN CONSUMPTION** RAU 6

	Sample Identification	Location	Depth IN CM M	Date/Time Sampled	Matrix	Sampling Method	Number of Containers	RCHEM	TW21	TW22	Enter tests above (✓ relevant samples below)
1	RAU 1		SURFACE	Aug 6	H2O	Grab	3	✓	✓	✓	
2	RAU 2		H2O's	Aug 6	↓	↓	3	✓	✓	✓	
3	RAU 3		↓	Aug 6			3	✓	✓	✓	
4	RAU 4		-	Aug 6			3	✓	✓	✓	
5	RAU 5		-	Aug 6			3	✓	✓	✓	
6	RAU 6	CAMP SUPPLY	-	Aug 6			2	✓		✓	
7	RAU 7		-	Aug 7			3	✓	✓	✓	
8	RAU 8		-	Aug 7			3	✓	✓	✓	
9			-								
10			-								
11			-								
12			-								
13	NOTE: TW21 field filtered + NITRIC										
14	TW22 + NITRIC		-								
15			-								

NOTE: All hazardous samples must be labeled according to WHMIS guidelines.

Page 1 of 1

Form No. 0006 (Rev. 04/07)

Report Transmission Cover Page

Bill To:	J. Gibson & Associates	Project:		Lot ID:	**635676**
Report To:	J. Gibson & Associates	ID:	ATAC RESOURCES LTD.	Approval Status:	Approved
	Box 20111	Name:	RAU CLAIMS	Invoice Frequency:	by Lot
	Whitehorse, YT, Canada	Location:		COD Status:	
	Y1A 7A2	LSD:		Control Number:	A043327
Attn:	John Gibson	P.O.:		Date Received:	Aug 11, 2008
Sampled By:	J.Gibson	Acct code:		Date Reported:	Aug 15, 2008
Company:				Report Number:	1140978

Contact	Company	Address
John Gibson	J. Gibson & Associates	Box 20111 Whitehorse, YT Y1A 7A2 Phone: (867) 633-4522 Fax: (867) 668-6895 Email: luditegibson@yahoo.ca

	Copies	Delivery	Format
M	1	Post	
	1	Email - Single Report	PDF

_____ PAGES IN THIS TRANSMISSION

Notes To Clients:

- Some Trace total metal results were less than dissolved metal results for samples 635676- 4 & 7. The results were verified and are within expected measurement uncertainty.
- Some MS total metal results were less than dissolved metal results for sample 635676-1 to 8. The results were verified and are within expected measurement uncertainty.

Reports associated with this Lot

Id/Format/Report Date	Id/Format/Report Date	Id/Format/Report Date

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If you receive this transmission by error, or if this transmission is not satisfactory, please notify us by telephone.

Bodycote TESTING GROUP

Sample Custody

Bill To:	J. Gibson & Associates	Project:		Lot ID:	**635676**
Report To:	J. Gibson & Associates	ID:	ATAC RESOURCES LTD.	Control Number:	A043327
	Box 20111	Name:	RAU CLAIMS	Date Received:	Aug 11, 2008
	Whitehorse, YT, Canada	Location:		Date Reported:	Aug 15, 2008
	Y1A 7A2	LSD:		Report Number:	1140978
Attn:	John Gibson	P.O.:			
Sampled By:	J.Gibson	Acct code:			
Company:					

Sample Disposal Date: September 14, 2008

All samples will be stored until this date unless other instructions are received. Please indicate other requirements below and return this form to the address or fax number on the bottom of this page.

☐ Extend Sample Storage Until _____ (MM/DD/YY)

The following charges apply to extended sample storage:

Storage for 1 to 5 samples per month	$ 10.00
Storage for 6 to 20 samples per month	$ 15.00
Storage for 21 to 50 samples per month	$ 30.00
Storage for 51 to 200 samples per month	$ 60.00
Storage for more than 200 samples per month	$ 110.00

☐ Return Sample, collect, to the address below via:

- ☐ Greyhound
- ☐ Loomis
- ☐ Purolator
- ☐ Other (specify) _____

Name _____

Company _____

Address _____

_____

Phone _____

Fax _____

Signature _____

Bodycote TESTING GROUP

Analytical Report

Bill To:	J. Gibson & Associates	Project:		Lot ID:	**635676**
Report To:	J. Gibson & Associates	ID:	ATAC RESOURCES LTD.	Control Number:	A043327
	Box 20111	Name:	RAU CLAIMS	Date Received:	Aug 11, 2008
	Whitehorse, YT, Canada	Location:		Date Reported:	Aug 15, 2008
	Y1A 7A2	LSD:		Report Number:	1140978
Attn:	John Gibson	P.O.:			
Sampled By:	J.Gibson	Acct code:			
Company:					

		Reference Number	635676-1	635676-2	635676-3	
		Sample Date	Aug 06, 2008	Aug 06, 2008	Aug 06, 2008	
		Sample Location				
		Sample Description	RAU-1 / Surface water	RAU-2 / Surface water	RAU-3 / Surface water	
		Matrix	Water	Water	Water	
Analyte		**Units**	**Results**	**Results**	**Results**	Nominal Detection Limit
Inorganic Nonmetallic Parameters						
Ammonia - N	Dissolved	mg/L	0.005	<0.005	<0.005	0.005
Orthophosphate-P	Total Reactive	mg/L	<0.01	<0.01	<0.01	0.01
Metals Dissolved						
Silicon	Dissolved	mg/L	2.08	2.39	2.33	0.05
Sulfur	Dissolved	mg/L	9.5	10.0	8.6	0.3
Aluminum	Dissolved	mg/L	0.016	0.040	0.016	0.005
Antimony	Dissolved	mg/L	0.0008	0.0007	0.0011	0.0002
Arsenic	Dissolved	mg/L	0.0004	0.0004	0.0007	0.0002
Barium	Dissolved	mg/L	0.082	0.037	0.096	0.001
Beryllium	Dissolved	mg/L	<0.0001	<0.0001	<0.0001	0.0001
Bismuth	Dissolved	mg/L	<0.0005	<0.0005	<0.0005	0.0005
Boron	Dissolved	mg/L	<0.002	<0.002	0.006	0.002
Cadmium	Dissolved	mg/L	0.00009	0.00002	0.00008	0.00001
Chromium	Dissolved	mg/L	<0.0005	<0.0005	<0.0005	0.0005
Cobalt	Dissolved	mg/L	<0.0001	0.0002	<0.0001	0.0001
Copper	Dissolved	mg/L	<0.001	0.001	0.002	0.001
Lead	Dissolved	mg/L	<0.0001	0.0003	<0.0001	0.0001
Lithium	Dissolved	mg/L	0.001	0.003	0.001	0.001
Molybdenum	Dissolved	mg/L	0.001	<0.001	0.002	0.001
Nickel	Dissolved	mg/L	0.0011	0.0013	0.0013	0.0005
Selenium	Dissolved	mg/L	0.0025	0.0006	0.0010	0.0002
Silver	Dissolved	mg/L	<0.00001	<0.00001	<0.00001	0.00001
Strontium	Dissolved	mg/L	0.089	0.081	0.079	0.001
Thallium	Dissolved	mg/L	<0.00005	<0.00005	<0.00005	0.00005
Tin	Dissolved	mg/L	<0.001	<0.001	<0.001	0.001
Titanium	Dissolved	mg/L	0.0011	0.0014	0.0012	0.0005
Uranium	Dissolved	mg/L	0.0012	<0.0005	0.0024	0.0005
Vanadium	Dissolved	mg/L	0.0004	0.0005	0.0005	0.0001
Zinc	Dissolved	mg/L	0.007	0.004	0.003	0.001
Subsample	Field Filtered		Yes	Yes	Yes	
Metals Total						
Calcium	Total	mg/L	51.0	41.1	58.2	0.2
Iron	Total	mg/L	0.42	0.34	1.29	0.05
Magnesium	Total	mg/L	8.3	8.8	15.9	0.1
Manganese	Total	mg/L	0.024	0.068	0.040	0.005
Potassium	Total	mg/L	<0.4	<0.4	1.2	0.4
Silicon	Total	mg/L	2.47	2.52	2.92	0.05

Bodycote TESTING GROUP

Analytical Report

Bill To:	J. Gibson & Associates	Project:		Lot ID:	**635676**
Report To:	J. Gibson & Associates	ID:	ATAC RESOURCES LTD.	Control Number:	A043327
	Box 20111	Name:	RAU CLAIMS	Date Received:	Aug 11, 2008
	Whitehorse, YT, Canada	Location:		Date Reported:	Aug 15, 2008
	Y1A 7A2	LSD:		Report Number:	1140978
Attn:	John Gibson	P.O.:			
Sampled By:	J.Gibson	Acct code:			
Company:					

		Reference Number	635676-1	635676-2	635676-3	
		Sample Date	Aug 06, 2008	Aug 06, 2008	Aug 06, 2008	
		Sample Location				
		Sample Description	RAU-1 / Surface water	RAU-2 / Surface water	RAU-3 / Surface water	
		Matrix	Water	Water	Water	
Analyte		**Units**	**Results**	**Results**	**Results**	Nominal Detection Limit
Metals Total - Continued						
Sodium	Total	mg/L	0.8	0.9	0.7	0.4
Sulfur	Total	mg/L	10.2	10.6	9.2	0.3
Hardness	Total as CaCO3	mg/L	162	139	210	
Aluminum	Total	mg/L	0.318	0.184	0.754	0.005
Antimony	Total	mg/L	<0.0002	<0.0002	0.0002	0.0002
Arsenic	Total	mg/L	0.0005	0.0003	0.0019	0.0002
Barium	Total	mg/L	0.102	0.042	0.131	0.001
Beryllium	Total	mg/L	<0.0001	<0.0001	<0.0001	0.0001
Bismuth	Total	mg/L	<0.0005	<0.0005	<0.0005	0.0005
Boron	Total	mg/L	0.002	0.003	0.007	0.002
Cadmium	Total	mg/L	0.00014	0.00002	0.00023	0.00001
Chromium	Total	mg/L	0.0009	0.0006	0.0021	0.0005
Cobalt	Total	mg/L	0.0003	0.0005	0.0007	0.0001
Copper	Total	mg/L	0.002	0.002	0.003	0.001
Lead	Total	mg/L	0.0006	0.0001	0.001	0.0001
Lithium	Total	mg/L	0.002	0.003	0.002	0.001
Molybdenum	Total	mg/L	0.001	<0.001	0.002	0.001
Nickel	Total	mg/L	0.0018	0.0021	0.0042	0.0005
Selenium	Total	mg/L	0.0024	0.0008	0.0010	0.0002
Silver	Total	mg/L	<0.00001	<0.00001	0.00002	0.00001
Strontium	Total	mg/L	0.093	0.087	0.086	0.001
Thallium	Total	mg/L	<0.00005	<0.00005	<0.00005	0.00005
Tin	Total	mg/L	<0.001	<0.001	<0.001	0.001
Titanium	Total	mg/L	0.0096	0.0041	0.0230	0.0005
Uranium	Total	mg/L	0.0013	<0.0005	0.0026	0.0005
Vanadium	Total	mg/L	0.0013	0.0005	0.0031	0.0001
Zinc	Total	mg/L	0.014	0.006	0.018	0.001
Zirconium	Total	mg/L	<0.001	<0.001	<0.001	0.001
Physical and Aggregate Properties						
Solids	Total Suspended	mg/L	15	4	38	1
Solids	Total Dissolved	mg/L	208	178	244	5
Routine Water						
pH	@ 25 °C		8.16	8.08	8.30	
Electrical Conductivity		µS/cm at 25 C	288	258	371	1
Calcium	Dissolved	mg/L	46.7	38.5	54.2	0.2
Magnesium	Dissolved	mg/L	7.2	8.1	14.4	0.2
Sodium	Dissolved	mg/L	0.6	0.7	0.5	0.4

Bodycote TESTING GROUP

Analytical Report

Bill To:	J. Gibson & Associates	Project:		Lot ID:	**635676**
Report To:	J. Gibson & Associates	ID:	ATAC RESOURCES LTD.	Control Number:	A043327
	Box 20111	Name:	RAU CLAIMS	Date Received:	Aug 11, 2008
	Whitehorse, YT, Canada	Location:		Date Reported:	Aug 15, 2008
	Y1A 7A2	LSD:		Report Number:	1140978
Attn:	John Gibson	P.O.:			
Sampled By:	J.Gibson	Acct code:			
Company:					

		Reference Number	635676-1	635676-2	635676-3	
		Sample Date	Aug 06, 2008	Aug 06, 2008	Aug 06, 2008	
		Sample Location				
		Sample Description	RAU-1 / Surface water	RAU-2 / Surface water	RAU-3 / Surface water	
		Matrix	Water	Water	Water	
Analyte		**Units**	**Results**	**Results**	**Results**	Nominal Detection Limit
Routine Water - Continued						
Potassium	Dissolved	mg/L	<0.4	<0.4	0.9	0.4
Iron	Dissolved	mg/L	0.02	0.09	0.28	0.01
Manganese	Dissolved	mg/L	<0.005	0.028	<0.005	0.005
Chloride	Dissolved	mg/L	0.07	0.06	0.05	0.02
Nitrate - N	Dissolved	mg/L	0.09	0.20	0.07	0.01
Nitrite - N	Dissolved	mg/L	<0.01	<0.01	0.11	0.01
Sulfate (SO4)	Dissolved	mg/L	28.6	29.8	25.8	0.05
Hydroxide		mg/L	<5	<5	<5	5
Carbonate		mg/L	<6	<6	<6	6
Bicarbonate		mg/L	160	130	220	5
T-Alkalinity	as CaCO3	mg/L	129	108	184	5

Bodycote TESTING GROUP

Analytical Report

Bill To:	J. Gibson & Associates	Project:		Lot ID:	**635676**
Report To:	J. Gibson & Associates	ID:	ATAC RESOURCES LTD.	Control Number:	A043327
	Box 20111	Name:	RAU CLAIMS	Date Received:	Aug 11, 2008
	Whitehorse, YT, Canada	Location:		Date Reported:	Aug 15, 2008
	Y1A 7A2	LSD:		Report Number:	1140978
Attn:	John Gibson	P.O.:			
Sampled By:	J.Gibson	Acct code:			
Company:					

		Reference Number	635676-4	635676-5	635676-6	
		Sample Date	Aug 06, 2008	Aug 06, 2008	Aug 06, 2008	
		Sample Location				
		Sample Description	RAU-4 / Surface water	RAU-5 / Surface water	RAU-6 / CAMP SUPPLY / Surface water	
		Matrix	Water	Water	Water	
Analyte		**Units**	**Results**	**Results**	**Results**	Nominal Detection Limit
Inorganic Nonmetallic Parameters						
Ammonia - N	Dissolved	mg/L	<0.005	<0.005	0.035	0.005
Orthophosphate-P	Total Reactive	mg/L	<0.01	<0.01	<0.01	0.01
Metals Total						
Calcium	Total	mg/L	56.3	82.8	37.5	0.2
Iron	Total	mg/L	<0.05	0.37	<0.05	0.05
Magnesium	Total	mg/L	20.2	30.4	14.4	0.1
Manganese	Total	mg/L	<0.005	0.023	<0.005	0.005
Potassium	Total	mg/L	0.8	1.1	<0.4	0.4
Silicon	Total	mg/L	2.29	3.05	1.17	0.05
Sodium	Total	mg/L	0.5	0.9	<0.4	0.4
Sulfur	Total	mg/L	9.8	13.7	2.2	0.3
Hardness	Total as CaCO3	mg/L	224	332	153	
Aluminum	Total	mg/L	0.024	0.111	<0.005	0.005
Antimony	Total	mg/L	<0.0002	0.0007	<0.0002	0.0002
Arsenic	Total	mg/L	0.0020	0.0006	<0.0002	0.0002
Barium	Total	mg/L	0.135	0.135	0.084	0.001
Beryllium	Total	mg/L	<0.0001	<0.0001	<0.0001	0.0001
Bismuth	Total	mg/L	<0.0005	<0.0005	<0.0005	0.0005
Boron	Total	mg/L	0.003	0.003	0.004	0.002
Cadmium	Total	mg/L	0.00003	0.00073	<0.00001	0.00001
Chromium	Total	mg/L	<0.0005	0.0008	<0.0005	0.0005
Cobalt	Total	mg/L	<0.0001	0.0002	0.0002	0.0001
Copper	Total	mg/L	<0.001	0.001	<0.001	0.001
Lead	Total	mg/L	<0.0001	0.0003	<0.0001	0.0001
Lithium	Total	mg/L	0.001	0.003	<0.001	0.001
Molybdenum	Total	mg/L	0.001	0.007	0.002	0.001
Nickel	Total	mg/L	<0.0005	0.0120	<0.0005	0.0005
Selenium	Total	mg/L	0.0005	0.0030	0.0006	0.0002
Silver	Total	mg/L	<0.00001	<0.00001	<0.00001	0.00001
Strontium	Total	mg/L	0.086	0.211	0.025	0.001
Thallium	Total	mg/L	<0.00005	<0.00005	<0.00005	0.00005
Tin	Total	mg/L	<0.001	<0.001	<0.001	0.001
Titanium	Total	mg/L	0.0018	0.0052	<0.0005	0.0005
Uranium	Total	mg/L	0.0028	0.0126	0.0024	0.0005
Vanadium	Total	mg/L	0.0002	0.0011	<0.0001	0.0001
Zinc	Total	mg/L	0.009	0.083	0.004	0.001
Zirconium	Total	mg/L	<0.001	<0.001	<0.001	0.001

Bodycote TESTING GROUP

Analytical Report

Bill To:	J. Gibson & Associates	Project:		Lot ID:	**635676**
Report To:	J. Gibson & Associates	ID:	ATAC RESOURCES LTD.	Control Number:	A043327
	Box 20111	Name:	RAU CLAIMS	Date Received:	Aug 11, 2008
	Whitehorse, YT, Canada	Location:		Date Reported:	Aug 15, 2008
	Y1A 7A2	LSD:		Report Number:	1140978
Attn:	John Gibson	P.O.:			
Sampled By:	J.Gibson	Acct code:			
Company:					

		Reference Number	635676-4	635676-5	635676-6	
		Sample Date	Aug 06, 2008	Aug 06, 2008	Aug 06, 2008	
		Sample Location				
		Sample Description	RAU-4 / Surface water	RAU-5 / Surface water	RAU-6 / CAMP SUPPLY / Surface water	
		Matrix	Water	Water	Water	
Analyte		**Units**	**Results**	**Results**	**Results**	Nominal Detection Limit
Physical and Aggregate Properties						
Solids	Total Suspended	mg/L	<2	6	4	1
Solids	Total Dissolved	mg/L	256	362	164	5
Routine Water						
pH	@ 25 °C		8.34	7.98	8.19	
Electrical Conductivity		µS/cm at 25 C	398	571	272	1
Calcium	Dissolved	mg/L	54.0	77.6		0.2
Magnesium	Dissolved	mg/L	19.0	28.0		0.2
Sodium	Dissolved	mg/L	<0.4	0.7		0.4
Potassium	Dissolved	mg/L	0.7	1		0.4
Iron	Dissolved	mg/L	<0.01	0.11		0.01
Manganese	Dissolved	mg/L	<0.005	0.011		0.005
Chloride	Dissolved	mg/L	0.10	0.05	0.06	0.02
Nitrate - N	Dissolved	mg/L	0.16	0.12	0.16	0.01
Nitrite - N	Dissolved	mg/L	0.10	0.14	0.09	0.01
Sulfate (SO4)	Dissolved	mg/L	28.0	39.0	5.99	0.05
Hydroxide		mg/L	<5	<5	<5	5
Carbonate		mg/L	<6	<6	<6	6
Bicarbonate		mg/L	250	360	180	5
T-Alkalinity	as CaCO3	mg/L	202	296	149	5

Bodycote TESTING GROUP

Analytical Report

Bill To:	J. Gibson & Associates	Project:		Lot ID:	**635676**
Report To:	J. Gibson & Associates	ID:	ATAC RESOURCES LTD.	Control Number:	A043327
	Box 20111	Name:	RAU CLAIMS	Date Received:	Aug 11, 2008
	Whitehorse, YT, Canada	Location:		Date Reported:	Aug 15, 2008
	Y1A 7A2	LSD:		Report Number:	1140978
Attn:	John Gibson	P.O.:			
Sampled By:	J.Gibson	Acct code:			
Company:					

			Reference Number	635676-4	635676-5	635676-7	
			Sample Date	Aug 06, 2008	Aug 06, 2008	Aug 07, 2008	
			Sample Location				
			Sample Description	RAU-4 / Surface water	RAU-5 / Surface water	RAU-7 / Surface water	
			Matrix	Water	Water	Water	
Analyte		**Units**		**Results**	**Results**	**Results**	Nominal Detection Limit
Metals Dissolved							
Silicon	Dissolved	mg/L		2.36	2.96	1.87	0.05
Sulfur	Dissolved	mg/L		9.4	12.9	9.7	0.3
Aluminum	Dissolved	mg/L		0.007	0.006	<0.005	0.005
Antimony	Dissolved	mg/L		0.0007	0.0018	0.0006	0.0002
Arsenic	Dissolved	mg/L		0.0023	0.0005	0.0003	0.0002
Barium	Dissolved	mg/L		0.122	0.114	0.155	0.001
Beryllium	Dissolved	mg/L		<0.0001	<0.0001	<0.0001	0.0001
Bismuth	Dissolved	mg/L		<0.0005	<0.0005	<0.0005	0.0005
Boron	Dissolved	mg/L		0.002	0.002	<0.002	0.002
Cadmium	Dissolved	mg/L		0.00003	0.00049	0.00003	0.00001
Chromium	Dissolved	mg/L		<0.0005	<0.0005	<0.0005	0.0005
Cobalt	Dissolved	mg/L		<0.0001	0.0001	<0.0001	0.0001
Copper	Dissolved	mg/L		<0.001	<0.001	<0.001	0.001
Lead	Dissolved	mg/L		<0.0001	<0.0001	<0.0001	0.0001
Lithium	Dissolved	mg/L		0.001	0.003	<0.001	0.001
Molybdenum	Dissolved	mg/L		0.001	0.007	<0.001	0.001
Nickel	Dissolved	mg/L		<0.0005	0.0096	<0.0005	0.0005
Selenium	Dissolved	mg/L		0.0004	0.0031	<0.0002	0.0002
Silver	Dissolved	mg/L		<0.00001	<0.00001	<0.00001	0.00001
Strontium	Dissolved	mg/L		0.082	0.198	0.042	0.001
Thallium	Dissolved	mg/L		<0.00005	<0.00005	<0.00005	0.00005
Tin	Dissolved	mg/L		<0.001	<0.001	<0.001	0.001
Titanium	Dissolved	mg/L		0.0011	0.0014	0.0010	0.0005
Uranium	Dissolved	mg/L		0.0028	0.0121	0.0013	0.0005
Vanadium	Dissolved	mg/L		0.0006	0.0008	0.0007	0.0001
Zinc	Dissolved	mg/L		0.008	0.070	0.006	0.001
Subsample	Field Filtered			Yes	Yes	Yes	

Bodycote TESTING GROUP

Analytical Report

Bill To:	J. Gibson & Associates	Project:		Lot ID:	**635676**
Report To:	J. Gibson & Associates	ID:	ATAC RESOURCES LTD.	Control Number:	A043327
	Box 20111	Name:	RAU CLAIMS	Date Received:	Aug 11, 2008
	Whitehorse, YT, Canada	Location:		Date Reported:	Aug 15, 2008
	Y1A 7A2	LSD:		Report Number:	1140978
Attn:	John Gibson	P.O.:			
Sampled By:	J.Gibson	Acct code:			
Company:					

Reference Number	635676-7	635676-8	
Sample Date	Aug 07, 2008	Aug 07, 2008	
Sample Location			
Sample Description	RAU-7 / Surface water	RAU-8 / Surface water	
Matrix	Water	Water	

Analyte		Units	Results	Results	Results	Nominal Detection Limit
Inorganic Nonmetallic Parameters						
Ammonia - N	Dissolved	mg/L	<0.005	<0.005		0.005
Orthophosphate-P	Total Reactive	mg/L	<0.01	<0.01		0.01
Metals Total						
Calcium	Total	mg/L	42.5	45.3		0.2
Iron	Total	mg/L	<0.05	<0.05		0.05
Magnesium	Total	mg/L	22.1	16.8		0.1
Manganese	Total	mg/L	<0.005	<0.005		0.005
Potassium	Total	mg/L	<0.4	<0.4		0.4
Silicon	Total	mg/L	1.81	1.36		0.05
Sodium	Total	mg/L	<0.4	<0.4		0.4
Sulfur	Total	mg/L	10.2	8.1		0.3
Hardness	Total as CaCO3	mg/L	197	182		
Aluminum	Total	mg/L	0.032	0.033		0.005
Antimony	Total	mg/L	<0.0002	<0.0002		0.0002
Arsenic	Total	mg/L	0.0002	0.0003		0.0002
Barium	Total	mg/L	0.168	0.171		0.001
Beryllium	Total	mg/L	<0.0001	<0.0001		0.0001
Bismuth	Total	mg/L	<0.0005	<0.0005		0.0005
Boron	Total	mg/L	<0.002	<0.002		0.002
Cadmium	Total	mg/L	0.00003	0.00014		0.00001
Chromium	Total	mg/L	<0.0005	<0.0005		0.0005
Cobalt	Total	mg/L	0.0001	<0.0001		0.0001
Copper	Total	mg/L	<0.001	<0.001		0.001
Lead	Total	mg/L	0.0001	0.0002		0.0001
Lithium	Total	mg/L	<0.001	<0.001		0.001
Molybdenum	Total	mg/L	<0.001	<0.001		0.001
Nickel	Total	mg/L	<0.0005	0.0014		0.0005
Selenium	Total	mg/L	<0.0002	0.0008		0.0002
Silver	Total	mg/L	<0.00001	<0.00001		0.00001
Strontium	Total	mg/L	0.042	0.055		0.001
Thallium	Total	mg/L	<0.00005	<0.00005		0.00005
Tin	Total	mg/L	<0.001	<0.001		0.001
Titanium	Total	mg/L	0.0020	0.0019		0.0005
Uranium	Total	mg/L	0.0013	0.0030		0.0005
Vanadium	Total	mg/L	0.0003	0.0002		0.0001
Zinc	Total	mg/L	0.008	0.038		0.001
Zirconium	Total	mg/L	<0.001	<0.001		0.001

Bodycote TESTING GROUP

Analytical Report

Bill To:	J. Gibson & Associates	Project:		Lot ID:	**635676**
Report To:	J. Gibson & Associates	ID:	ATAC RESOURCES LTD.	Control Number:	A043327
	Box 20111	Name:	RAU CLAIMS	Date Received:	Aug 11, 2008
	Whitehorse, YT, Canada	Location:		Date Reported:	Aug 15, 2008
	Y1A 7A2	LSD:		Report Number:	1140978
Attn:	John Gibson	P.O.:			
Sampled By:	J.Gibson	Acct code:			
Company:					

		Reference Number	635676-7	635676-8		
		Sample Date	Aug 07, 2008	Aug 07, 2008		
		Sample Location				
		Sample Description	RAU-7 / Surface water	RAU-8 / Surface water		
		Matrix	Water	Water		
Analyte		**Units**	**Results**	**Results**	**Results**	Nominal Detection Limit
Physical and Aggregate Properties						
Solids	Total Suspended	mg/L	<2	<2		1
Solids	Total Dissolved	mg/L	226	214		5
Routine Water						
pH	@ 25 °C		8.29	8.23		
Electrical Conductivity		µS/cm at 25 C	357	328		1
Calcium	Dissolved	mg/L	40.9	43.1		0.2
Magnesium	Dissolved	mg/L	20.9	15.6		0.2
Sodium	Dissolved	mg/L	<0.4	<0.4		0.4
Potassium	Dissolved	mg/L	<0.4	<0.4		0.4
Iron	Dissolved	mg/L	<0.01	<0.01		0.01
Manganese	Dissolved	mg/L	<0.005	<0.005		0.005
Chloride	Dissolved	mg/L	0.12	0.08		0.02
Nitrate - N	Dissolved	mg/L	0.21	0.17		0.01
Nitrite - N	Dissolved	mg/L	0.08	0.09		0.01
Sulfate (SO4)	Dissolved	mg/L	29.5	22.3		0.05
Hydroxide		mg/L	<5	<5		5
Carbonate		mg/L	<6	<6		6
Bicarbonate		mg/L	210	200		5
T-Alkalinity	as CaCO3	mg/L	174	162		5

Bodycote TESTING GROUP

Analytical Report

Bill To:	J. Gibson & Associates	Project:		Lot ID:	**635676**
Report To:	J. Gibson & Associates	ID:	ATAC RESOURCES LTD.	Control Number:	A043327
	Box 20111	Name:	RAU CLAIMS	Date Received:	Aug 11, 2008
	Whitehorse, YT, Canada	Location:		Date Reported:	Aug 15, 2008
	Y1A 7A2	LSD:		Report Number:	1140978
Attn:	John Gibson	P.O.:			
Sampled By:	J.Gibson	Acct code:			
Company:					

Reference Number	635676-8
Sample Date	Aug 07, 2008
Sample Location	
Sample Description	RAU-8 / Surface water
Matrix	Water

Analyte		Units	Results	Results	Results	Nominal Detection Limit
Metals Dissolved						
Silicon	Dissolved	mg/L	1.36			0.05
Sulfur	Dissolved	mg/L	7.8			0.3
Aluminum	Dissolved	mg/L	<0.005			0.005
Antimony	Dissolved	mg/L	0.0009			0.0002
Arsenic	Dissolved	mg/L	0.0003			0.0002
Barium	Dissolved	mg/L	0.159			0.001
Beryllium	Dissolved	mg/L	<0.0001			0.0001
Bismuth	Dissolved	mg/L	<0.0005			0.0005
Boron	Dissolved	mg/L	<0.002			0.002
Cadmium	Dissolved	mg/L	0.00014			0.00001
Chromium	Dissolved	mg/L	<0.0005			0.0005
Cobalt	Dissolved	mg/L	<0.0001			0.0001
Copper	Dissolved	mg/L	<0.001			0.001
Lead	Dissolved	mg/L	<0.0001			0.0001
Lithium	Dissolved	mg/L	<0.001			0.001
Molybdenum	Dissolved	mg/L	<0.001			0.001
Nickel	Dissolved	mg/L	0.0013			0.0005
Selenium	Dissolved	mg/L	0.0008			0.0002
Silver	Dissolved	mg/L	<0.00001			0.00001
Strontium	Dissolved	mg/L	0.052			0.001
Thallium	Dissolved	mg/L	<0.00005			0.00005
Tin	Dissolved	mg/L	<0.001			0.001
Titanium	Dissolved	mg/L	0.0010			0.0005
Uranium	Dissolved	mg/L	0.0030			0.0005
Vanadium	Dissolved	mg/L	0.0006			0.0001
Zinc	Dissolved	mg/L	0.037			0.001
Subsample	Field Filtered		Yes			

Approved by: Andrew Garrard

Andrew Garrard, BSc
Operations Manager

Bodycote TESTING GROUP

Methodology and Notes

Bill To:	J. Gibson & Associates	Project:		Lot ID:	**635676**
Report To:	J. Gibson & Associates	ID:	ATAC RESOURCES LTD.	Control Number:	A043327
	Box 20111	Name:	RAU CLAIMS	Date Received:	Aug 11, 2008
	Whitehorse, YT, Canada	Location:		Date Reported:	Aug 15, 2008
	Y1A 7A2	LSD:		Report Number:	1140978
Attn:	John Gibson	P.O.:			
Sampled By:	J.Gibson	Acct code:			
Company:					

Method of Analysis

Method Name	Reference		Method	Date Analysis Started	Location
Alk, pH, EC, Turb in water	APHA	*	Conductivity, 2510	12-Aug-08	BTG Surrey
Alk, pH, EC, Turb in water	APHA	*	Electrometric Method, 4500-H+ B	12-Aug-08	BTG Surrey
Alk, pH, EC, Turb in water	APHA	*	Titration Method, 2320 B	12-Aug-08	BTG Surrey
Ammonium-N in Water (color Surrey)	APHA	*	Phenate Method, 4500-NH3 F	13-Aug-08	BTG Surrey
Anions by IEC in water (Surrey)	APHA	*	Ion Chromatography with Chemical Suppression of Eluent Cond., 4110 B	12-Aug-08	BTG Surrey
Metals ICP-MS (Dissolved) in water	US EPA	*	Determination of Trace Elements in Waters and Wastes by ICP-MS, 200.8	14-Aug-08	BTG Edmonton
Metals ICP-MS (Total) in water	US EPA	*	Determination of Trace Elements in Waters and Wastes by ICP-MS, 200.8	13-Aug-08	BTG Edmonton
Metals Trace (Dissolved) in water	APHA	*	Inductively Coupled Plasma (ICP) Method, 3120 B	14-Aug-08	BTG Edmonton
Metals Trace (Total) in water	APHA		Hardness by Calculation, 2340 B	13-Aug-08	BTG Edmonton
Metals Trace (Total) in water	APHA	*	Inductively Coupled Plasma (ICP) Method, 3120 B	13-Aug-08	BTG Edmonton
Phosphorus - total reactive P (orthophosphate) (low level)	APHA		Ascorbic Acid Reduction Method, 4500 -P E	12-Aug-08	BTG Surrey
Solids Dissolved (Total, Fixed and Volatile)2	APHA	*	Total Solids Dried at 103-105'C, 2540 B	13-Aug-08	BTG Surrey
Solids Suspended (Total, Fixed and Volatile)	APHA	*	Total Suspended Solids Dried at 103-105'C, 2540 D	13-Aug-08	BTG Surrey

** Bodycote method(s) based on reference method*

References

APHA	Standard Methods for the Examination of Water and Wastewater
US EPA	US Environmental Protection Agency Test Methods

Comments:

- Some Trace total metal results were less than dissolved metal results for samples 635676- 4 & 7. The results were verified and are within expected measurement uncertainty.
- Some MS total metal results were less than dissolved metal results for sample 635676-1 to 8. The results were verified and are within expected measurement uncertainty.

Please direct any inquiries regarding this report to our Client Services group.

Results relate only to samples as submitted.

The test report shall not be reproduced except in full, without the written approval of the laboratory.

APPENDIX IV

CERTIFICATES OF ANALYSIS

ACME ANALYTICAL LABORATORIES LTD.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Archer, Cathro & Assoc. (1981) Ltd.**
1016 - 510 W. Hastings St.
Vancouver BC V6B 1L8 Canada

Submitted By: Doug Eaton
Receiving Lab: Canada-Vancouver
Received: August 10, 2008
Report Date: October 31, 2008
Page: 1 of 4

CERTIFICATE OF ANALYSIS VAN08008148.1

CLIENT JOB INFORMATION

Project: RAU
Shipment ID: VA08091329
P.O. Number
Number of Samples: 74

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
DISP-RJT Dispose of Reject After 90 days

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
R150	70	Crush, split and pulverize rock to 200 mesh		
G6	70	Fire Assay fusion Au by ICP-ES	50	Completed
7KP	70	Phosphoric acid leach, ICP-ES analysis	0.5	Completed

ADDITIONAL COMMENTS

Invoice To: Archer, Cathro & Assoc. (1981) Ltd.
1016 - 510 W. Hastings St.
Vancouver BC V6B 1L8
Canada

CC: Joan Mariacher
Archer Cathro

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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1016 - 510 W. Hastings St.
Vancouver BC V6B 1L8 Canada

Project: RAU
Report Date: October 31, 2008

CERTIFICATE OF ANALYSIS VAN08008148.1

	Method	WGHT	G6	7KP
	Analyte	Wgt	Au	W
	Unit	kg	gm/mt	%
	MDL	0.01	0.01	0.005
G004540	Rock	1.64	<0.01	<0.005
G004541	Rock	I.S.	I.S.	I.S.
G004542	Rock	1.15	0.08	<0.005
G004543	Rock	1.99	0.03	<0.005
G004544	Rock	1.80	0.05	<0.005
G004545	Rock	2.26	0.27	<0.005
G004546	Rock	1.89	0.09	<0.005
G004547	Rock	1.74	0.03	<0.005
G004548	Rock	2.07	<0.01	<0.005
G004549	Rock	1.79	0.01	<0.005
G004550	Rock	2.08	0.01	<0.005
G004551	Rock	1.59	0.02	<0.005
G004552	Rock	1.90	<0.01	<0.005
G004553	Rock	1.99	0.02	<0.005
G004554	Rock	1.89	0.02	<0.005
G004555	Rock	1.78	0.02	<0.005
G004556	Rock	2.18	0.02	<0.005
G004557	Rock	1.73	<0.01	<0.005
G004558	Rock	2.08	0.02	<0.005
G004559	Rock	0.73	<0.01	<0.005
G004560	Rock	2.08	0.07	<0.005
G004561	Rock	I.S.	I.S.	I.S.
G004562	Rock	2.39	0.09	<0.005
G004563	Rock	3.74	<0.01	<0.005
G004564	Rock	4.43	0.03	<0.005
G004565	Rock	4.22	0.04	<0.005
G004566	Rock	2.66	0.03	<0.005
G004567	Rock	4.26	0.16	0.028
G004568	Rock	4.04	4.27	0.008
G004569	Rock	0.70	0.01	<0.005

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Vancouver BC V6B 1L8 Canada

Project: RAU
Report Date: October 31, 2008

CERTIFICATE OF ANALYSIS VAN08008148.1

		Method	WGHT	G6	7KP
		Analyte	Wgt	Au	W
		Unit	kg	gm/mt	%
		MDL	0.01	0.01	0.005
G004570	Rock		2.24	0.71	0.015
G004571	Rock		3.90	0.81	<0.005
G004572	Rock		2.78	0.29	<0.005
G004573	Rock		3.28	6.77	0.010
G004574	Rock		4.15	0.55	0.008
G004575	Rock		4.51	0.63	0.027
G004576	Rock		4.27	0.30	0.019
G004577	Rock		3.87	0.10	0.068
G004578	Rock		4.13	1.26	0.052
G004579	Rock		4.10	0.49	0.046
G004580	Rock		4.02	1.09	0.065
G004581	Rock		I.S.	I.S.	I.S.
G004582	Rock		4.31	0.39	0.050
G004583	Rock		3.24	0.41	0.059
G004584	Rock		3.16	1.20	0.040
G004585	Rock		0.96	<0.01	<0.005
G004586	Rock		4.57	0.82	0.029
G004587	Rock		4.28	0.29	0.013
G004588	Rock		4.17	0.52	0.040
G004589	Rock		2.84	0.52	0.073
G004590	Rock		4.08	0.31	<0.005
G004591	Rock		4.00	1.23	0.039
G004592	Rock		4.38	0.48	0.339
G004593	Rock		3.87	0.15	0.016
G004594	Rock		2.94	0.15	0.006
G004595	Rock		3.89	0.28	0.006
G004596	Rock		4.30	1.10	0.013
G004597	Rock		4.34	6.56	0.069
G004598	Rock		4.44	3.85	0.013
G004599	Rock		4.83	2.09	0.016

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Project: RAU
Report Date: October 31, 2008

CERTIFICATE OF ANALYSIS VAN08008148.1

		Method	WGHT	G6	7KP
		Analyte	Wgt	Au	W
		Unit	kg	gm/mt	%
		MDL	0.01	0.01	0.005
G004600	Rock		0.56	0.04	<0.005
G004601	Rock		4.29	2.25	<0.005
G004602	Rock		I.S.	I.S.	I.S.
G004603	Rock		4.12	0.61	0.007
G004604	Rock		4.05	1.50	0.005
G004605	Rock		4.05	0.15	<0.005
G004606	Rock		4.22	0.20	0.014
G004607	Rock		4.15	0.29	0.015
G004608	Rock		3.35	0.60	0.014
G004609	Rock		2.08	0.06	<0.005
G004610	Rock		1.88	<0.01	<0.005
G004611	Rock		1.88	<0.01	<0.005
G004612	Rock		1.86	<0.01	<0.005
G004613	Rock		1.72	<0.01	<0.005

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Client: **Archer, Cathro & Assoc. (1981) Ltd.**
1016 - 510 W. Hastings St.
Vancouver BC V6B 1L8 Canada

Project: RAU
Report Date: October 31, 2008

QUALITY CONTROL REPORT VAN08008148.1

	Method	WGHT	G6	7KP
	Analyte	Wgt	Au	W
	Unit	kg	gm/mt	%
	MDL	0.01	0.01	0.005
Pulp Duplicates				
G004545	Rock	2.26	0.27	<0.005
REP G004545	QC			<0.005
G004567	Rock	4.26	0.16	0.028
REP G004567	QC		0.17	
G004589	Rock	2.84	0.52	0.073
REP G004589	QC		I.S.	
G004601	Rock	4.29	2.25	<0.005
REP G004601	QC			0.007
G004608	Rock	3.35	0.60	0.014
REP G004608	QC		0.97	
G004610	Rock	1.88	<0.01	<0.005
REP G004610	QC			<0.005
Reference Materials				
STD KP-1	Standard			0.753
STD KP-1	Standard			0.757
STD KP-1	Standard			0.768
STD KP-1	Standard			0.773
STD KP-1	Standard			0.764
STD KP-1	Standard			0.761
STD OXH55	Standard		1.30	
STD OXH55	Standard		1.24	
STD OXH55	Standard		1.28	
STD OXH55	Standard		1.36	
STD OXH55	Standard		1.26	
STD OXH55	Standard		1.31	
STD OXK69	Standard		3.64	
STD OXK69	Standard		3.76	
STD KP-1 Expected				0.74

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Vancouver BC V6B 1L8 Canada

Project: RAU
Report Date: October 31, 2008

QUALITY CONTROL REPORT VAN08008148.1

		WGHT Wgt kg 0.01	G6 Au gm/mt 0.01	7KP W % 0.005
STD OXK69 Expected			3.583	
STD OXH55 Expected			1.282	
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank		<0.01	
BLK	Blank		<0.01	
BLK	Blank		<0.01	
BLK	Blank		<0.01	
BLK	Blank		<0.01	
BLK	Blank		<0.01	
BLK	Blank		<0.01	
BLK	Blank		<0.01	
Prep Wash				
G1	Prep Blank	<0.01	<0.01	<0.005
G1	Prep Blank	<0.01	<0.01	<0.005

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EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 20-OCT-2008
This copy reported on 21-NOV-2008
Account: RCM

CERTIFICATE VA08145814

Project: VA08122437

P.O. No.: RAU

This report is for 47 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 10-OCT-2008.

The following have access to data associated with this certificate:

AL ARCHER BILL WENGZYNOWSKI	DOUG EATON	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA26	Ore Grade Au 50g FA AA finish	AAS

To: ATAC RESOURCES LTD.
ATTN: AL ARCHER
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.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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

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

Project: VA08122437

Finalized Date: 20-OCT-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08145814

Sample Description	Method / Analyte / Units / LOR	Au-AA26 Au ppm 0.01
H246178		0.09
H246179		0.13
H246180		1.10
H246181		0.03
H246182		<0.01
H246183		<0.01
H246184		<0.01
H246185		<0.01
H246186		0.01
H246187		0.01
H246188		0.01
H246189		0.01
H246190		0.01
H246191		0.04
H246192		0.04
H246193		0.16
H246194		<0.01
H246195		0.10
H246196		0.75
H246197		0.11
H246198		13.40
H246199		0.32
H246200		3.01
H246201		1.30
H246202		1.54
H246203		0.81
H246204		0.42
H246205		0.39
H246206		0.23
H246207		0.56
H246208		0.12
H246209		0.09
H246210		0.06
H246211		0.13
H246212		<0.01
H246213		0.08
H246214		0.05
H246215		0.07
H246216		0.90
H246217		0.11

Comments: **RE-ANALYSIS DATA FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE VA08122437**

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VANCOUVER BC V6B 1L8

Finalized Date: 20-OCT-2008
Account: RCM

Project: VA08122437

CERTIFICATE OF ANALYSIS VA08145814

Sample Description	Method / Analyte / Units / LOR	Au-AA26 / Au / ppm / 0.01
H246218		0.15
H246219		0.15
H246220		1.67
H246221		0.02
H246222		0.01
H246223		13.25
H246224		0.01

Comments: **RE-ANALYSIS DATA FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE VA08122437**

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VANCOUVER BC V6B 1L8

Finalized Date: 17-OCT-2008
Account: RCM

CERTIFICATE VA08145607

Project: RAU

P.O. No.:

This report is for 5 Rock samples submitted to our lab in Vancouver, BC, Canada on 9-OCT-2008.

The following have access to data associated with this certificate:

AL ARCHER BILL WENGZYNOWSKI	DOUG EATON	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

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

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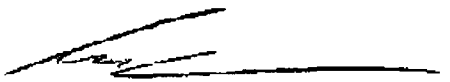
Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Project: RAU

Finalized Date: 17-OCT-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08145607

Sample Description	Method / Analyte / Units / LOR	Zn-OG62 / Zn / % / 0.01
C104915		1.13
C104916		1.61
C104932		0.08
C104934		0.03
C104946		9.94

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Finalized Date: 23-OCT-2008
Account: RCM

CERTIFICATE VA08140194

Project: RAU

P.O. No.: RAU-08-18

This report is for 92 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 1-OCT-2008.

The following have access to data associated with this certificate:

AL ARCHER BILL WENGZYNOWSKI	DOUG EATON	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

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

To: ATAC RESOURCES LTD.
ATTN: AL ARCHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
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Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Project: RAU

Finalized Date: 23-OCT-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08140194

Sample Description	Method	WEI-21	Au-AA26	Zn-OG62	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Zn	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
H246710		3.58	0.02		0.04	0.21	13	50	0.17	0.71	17.85	0.11	3.65	1.3	5	0.22
H246711		2.96	<0.01		0.04	0.08	7	40	0.17	0.18	18.05	0.2	3.4	1.2	2	0.26
H246712		5.04	0.01		0.03	0.05	15	60	0.13	0.3	18.55	0.24	3.22	0.9	2	0.38
H246713		4.62	0.02		0.08	0.4	17	300	0.38	98.9	17.3	0.36	4.14	2.5	9	2.47
H246714		5.67	0.02		0.06	0.31	12	190	0.27	2.7	18.15	0.25	4.12	2.1	5	1.39
H246715		5.64	0.01		0.39	0.25	16	100	0.23	20.7	18.2	0.66	5.2	1.1	3	0.52
H246716		4.39	0.02		0.16	0.44	9	150	0.35	2.83	17.65	0.24	5.32	1.2	6	0.93
H246717		0.14	13.50		9.23	3.58	500	300	0.76	0.36	0.24	0.08	16.45	7.8	31	5.5
H246718		5.58	0.01		0.07	0.19	8	110	0.11	0.66	18.8	0.03	2.39	0.7	5	0.37
H246719		5.77	0.01		0.03	0.17	<5	100	0.17	0.16	18.8	0.06	2.4	0.8	3	0.16
H246720		5.31	0.01		0.02	0.13	<5	80	0.08	0.06	18.55	0.03	1.9	0.6	3	0.15
H246721		4.98	<0.01		0.02	0.11	12	70	0.08	0.06	17.7	0.04	1.91	0.6	3	0.1
H246722		5.48	<0.01		0.02	0.08	13	90	0.09	0.08	19.35	0.05	1.9	0.7	2	0.09
H246723		5.07	<0.01		0.02	0.29	8	180	0.16	0.13	18.15	<0.02	3.15	1	6	0.24
H246724		5.68	0.02		0.04	0.84	9	600	0.45	1.44	18.05	<0.02	8.1	2.3	16	0.5
H246725		5.05	0.02		0.05	0.28	14	180	0.21	1.19	17.9	0.07	4.92	1.5	9	0.2
H246726		5.74	0.02		0.05	0.4	12	270	0.2	1.24	18.9	0.03	5.48	1.8	14	0.31
H246727		6.17	0.02		0.09	0.73	22	400	0.29	0.05	17.7	0.03	8.24	3.4	22	0.6
H246728		0.70	0.01		0.01	0.08	6	20	0.05	0.05	18.9	0.06	1.37	1	1	0.15
H246729		5.61	0.01		0.05	0.29	13	140	0.14	0.62	16.7	<0.02	3.63	1.1	12	0.44
H246730		5.87	0.33		0.12	1.24	40	270	0.48	49.2	16.25	0.13	8.34	3	36	3.22
H246731		5.53	1.56		0.48	1.14	56	180	0.52	195.5	15.9	8.17	9.34	3.1	23	1.98
H246732		5.94	2.04		0.17	1.36	48	160	0.52	199	15.2	0.07	9.17	3.5	16	3.67
H246733		4.77	2.91		0.13	1.73	86	180	0.67	249	15.15	0.09	7.92	3.7	16	6.23
H246734		3.91	0.57		0.12	0.85	50	100	0.29	295	16.9	0.04	8.47	5.1	7	3.21
H246735		5.77	0.27		0.17	0.89	101	20	0.29	413	16.75	0.05	13.65	8.9	13	6.52
H246736		4.42	0.21		0.19	0.87	136	20	0.3	335	16.75	0.06	20.7	15	23	7.53
H246737		5.89	0.05		0.21	6.94	15.5	1310	1.41	6.89	8.52	<0.02	56	36.6	275	38.9
H246738		6.06	0.02		0.25	7.71	3.2	1330	1.88	4.06	7.15	<0.02	65.4	32.9	243	34.2
H246739		6.03	0.39		0.29	10.05	6.4	1800	2.95	1.44	2.36	<0.02	168	52.4	194	22.5
H246740		6.04	0.03		0.19	6.99	14.3	1250	1.91	4.29	5.34	0.02	82.7	49.3	223	27.2
H246741		6.22	0.09		0.15	3.07	97	30	0.7	7.47	11.7	0.04	28.7	28.4	83	17.25
H246742		5.77	0.02		0.13	6.5	42.3	620	1.33	1.92	9.35	<0.02	76.9	42.2	210	41
H246743		0.43	0.01		0.01	0.18	11	40	0.09	0.3	20.1	0.06	2.77	1.7	3	0.54
H246744		5.99	<0.01		0.14	6.14	78	1090	1.39	1.86	7.86	<0.02	63.7	33.9	220	40.1
H246745		3.96	0.02		0.17	6.04	64.3	250	1.37	15.2	2.95	<0.02	56.5	27.4	203	40.8
H246746		6.07	0.05		0.31	7.49	40.7	70	2.36	4.12	2.28	0.02	129.5	17.2	120	9.55
H246747		4.04	0.03		0.26	4.57	83	130	1.17	4.96	10.8	0.02	66.1	4.7	31	24.9
H246748		5.95	0.02		0.08	1.06	112	120	0.33	16.25	14.8	0.02	16.6	2.7	15	11.85
H246749		6.13	0.02		0.09	1.06	142	70	0.44	915	16.75	0.02	15.45	10.8	22	8.56

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CERTIFICATE OF ANALYSIS VA08140194

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	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
H246710		10.3	0.29	0.73	0.05	<0.1	0.007	0.04	2.2	3.9	11.2	412	2.23	0.04	0.4	3.3
H246711		3.2	0.28	0.34	0.1	<0.1	0.01	0.03	2.1	3.8	11.3	508	0.3	0.02	0.2	0.8
H246712		1.5	0.22	0.31	0.12	<0.1	0.007	0.02	2.1	3.8	11.2	499	0.35	0.02	0.1	1.7
H246713		3	0.55	1.64	0.09	0.1	0.013	0.24	2.5	5.1	10.8	390	3.96	0.02	0.8	9.3
H246714		2	0.62	1.08	0.07	0.1	0.008	0.15	2.6	4	10.7	471	3.67	0.02	0.7	5.4
H246715		2.4	0.64	1.18	0.07	0.1	0.032	0.06	2.8	3.1	10.8	930	0.49	0.02	0.5	2.3
H246716		1.6	0.48	1.37	0.1	0.2	0.022	0.21	2.6	2.8	11.2	548	1.53	0.01	1	2.2
H246717		42.7	3.2	7.35	0.13	1.8	0.03	3.04	8.3	44.1	0.2	140	5.67	0.07	6.5	15.3
H246718		1.7	0.14	0.64	0.21	0.1	<0.005	0.1	1.3	3.8	11.8	165	1.35	<0.01	0.6	2
H246719		1.5	0.12	0.62	0.28	0.1	<0.005	0.06	1.3	2.7	11.7	173	1.22	<0.01	0.5	1.8
H246720		1.2	0.08	0.51	0.28	0.1	<0.005	0.05	1.3	2.1	11.7	134	0.35	<0.01	0.4	1.3
H246721		1.2	0.09	0.46	0.27	<0.1	0.016	0.03	1.5	1.9	10.85	152	0.49	<0.01	0.4	1.3
H246722		1.1	0.11	0.39	0.29	<0.1	<0.005	0.03	1.3	1.7	11.3	166	0.67	<0.01	0.3	1
H246723		1.8	0.29	0.82	0.22	0.1	<0.005	0.13	1.8	2.2	11.1	135	0.85	<0.01	1	2.3
H246724		4	0.72	2.23	0.11	0.4	0.01	0.42	4.8	3.8	10.35	250	0.71	<0.01	4.1	8.8
H246725		3.7	0.69	0.8	0.09	0.2	0.005	0.13	3	2.2	10.25	311	0.66	<0.01	1.5	4.8
H246726		3.3	0.83	1.05	0.08	0.2	0.006	0.2	3.2	3.2	11	274	0.44	<0.01	2.2	4.2
H246727		4.8	1.13	1.86	0.07	0.4	0.007	0.32	4.7	4.5	10.6	226	0.42	<0.01	4.8	6.6
H246728		1.4	0.38	0.32	0.19	<0.1	<0.005	0.03	0.7	1	11.9	174	0.08	<0.01	0.5	1
H246729		2.5	0.65	0.76	0.09	0.2	0.008	0.15	2.3	2.6	9.71	304	0.56	<0.01	2	2.6
H246730		16.5	4.04	5.74	0.07	0.4	0.033	0.72	3.9	10.8	8.65	3950	0.48	<0.01	4.3	13
H246731		82.2	6.02	6.72	0.09	0.5	0.252	0.58	3.8	6.1	8.08	6850	0.43	<0.01	4.9	11.5
H246732		65.5	6.1	7.79	0.09	0.8	0.084	0.83	3.3	8.5	7.37	7550	0.7	<0.01	6.5	8.4
H246733		26.8	5.93	8.94	0.09	0.9	0.056	1.06	3	12.1	7.6	7050	0.79	0.02	9.4	10.2
H246734		38	5.76	5.32	0.08	0.6	0.06	0.52	3.1	8.3	8.33	8250	1.1	<0.01	4.4	12.1
H246735		88.4	6.43	5.25	0.1	0.6	0.034	0.5	5.7	6	8.12	6010	1.37	0.03	4.3	15.8
H246736		42.5	6.07	4.58	0.09	0.5	0.02	0.59	10	6.3	7.62	3610	0.47	0.02	5.5	16.8
H246737		22.1	5.78	19.95	0.14	0.9	0.065	4.45	28.4	38.1	2.78	1205	0.76	0.07	25.7	174
H246738		17.5	6.84	21.8	0.16	0.8	0.078	4.81	34.6	43	2.76	1045	0.55	0.08	33.9	215
H246739		32.3	6.83	31.4	0.23	0.6	0.108	4.59	91.2	53.1	1.49	562	0.85	0.11	61.4	191.5
H246740		16.8	4.51	23.8	0.18	1.9	0.066	4.23	44.6	41.6	2.83	726	1.72	0.07	26.7	214
H246741		18.5	9.59	9.71	0.15	0.8	0.029	1.91	14.1	17	6.54	1405	0.81	0.04	10.8	101.5
H246742		36.9	4.22	16.75	0.14	1.7	0.041	4.23	40.2	35.7	4.62	1145	0.79	0.07	19.9	165
H246743		2.1	0.52	0.55	0.14	<0.1	<0.005	0.08	1.4	1.4	12.4	214	0.11	<0.01	0.7	5.1
H246744		33.5	4.52	16.75	0.13	1.5	0.04	4.19	33.5	36.5	3.73	898	0.15	0.08	21.3	212
H246745		15.4	5.89	25.7	0.18	2.7	0.016	5.03	20.2	42.3	6.24	233	0.38	0.09	19.1	179
H246746		25.3	5.92	25.3	0.2	2	0.062	4.11	68.2	27.8	1.55	168	0.66	0.06	70.1	79.7
H246747		4.1	3.47	16.7	0.13	1.3	0.016	3.28	39.2	22.9	6.29	442	0.54	0.06	38.8	19
H246748		3.2	3.59	6.21	0.07	0.5	0.007	0.93	9.5	8.8	9.18	576	0.17	0.01	5.6	11.4
H246749		4	3.99	5.9	0.1	0.6	0.008	0.65	7.6	6.2	8.11	609	0.19	0.03	5.8	24.5

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CERTIFICATE OF ANALYSIS VA08140194

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
H246710		20	3.7	2.6	<0.002	0.04	0.55	0.6	1	0.5	40.4	<0.05	0.14	0.3	0.015	0.04
H246711		10	5.9	2.1	<0.002	0.01	0.29	0.3	1	0.3	43.6	<0.05	0.05	<0.2	<0.005	0.03
H246712		20	8.3	2.8	<0.002	0.03	0.3	0.2	1	0.3	67.7	<0.05	0.06	<0.2	<0.005	0.04
H246713		20	8.9	23.9	<0.002	0.08	2.42	1.1	1	0.8	48.5	0.06	0.14	0.3	0.025	0.23
H246714		20	8.5	17	<0.002	0.13	0.51	0.7	1	0.5	58.5	<0.05	0.08	0.5	0.019	0.18
H246715		20	29	7.8	<0.002	0.21	1.16	0.6	2	1.4	60	<0.05	0.09	0.4	0.013	0.07
H246716		10	10.3	20.2	<0.002	0.09	0.47	1.1	1	2.4	34	0.07	0.07	0.6	0.026	0.13
H246717		520	5.4	107.5	0.002	2.15	40.7	6.8	16	2.5	68.1	0.42	0.12	1.5	0.291	3.91
H246718		10	2	4.5	0.002	0.08	0.37	0.5	2	0.3	27.8	0.06	<0.05	0.3	0.01	0.08
H246719		10	2.2	2.8	0.002	0.04	0.25	0.5	2	0.2	26.8	<0.05	<0.05	0.3	0.01	0.05
H246720		<10	1.2	1.9	0.002	0.03	0.13	0.3	2	<0.2	28.1	<0.05	<0.05	0.2	0.007	0.03
H246721		<10	1.6	1.5	0.018	0.02	0.1	0.4	2	<0.2	29.6	<0.05	<0.05	0.2	0.007	0.04
H246722		10	1.5	1.8	0.002	0.02	0.14	0.4	2	<0.2	35.7	<0.05	<0.05	0.2	0.006	0.02
H246723		10	1.2	4.7	0.002	0.26	0.18	0.8	3	0.3	37.8	0.06	0.07	0.4	0.021	0.08
H246724		20	1.9	12.2	0.002	0.83	0.51	2.4	2	0.7	53.6	0.21	<0.05	0.8	0.079	0.23
H246725		30	3.7	3.8	<0.002	0.61	0.83	1.7	2	0.3	52.4	0.07	<0.05	0.4	0.029	0.11
H246726		40	2.8	5.9	<0.002	0.77	0.59	1.6	2	0.4	35.9	0.11	<0.05	0.4	0.047	0.16
H246727		60	3.8	8.9	0.002	1.39	0.87	2.7	2	0.5	35.4	0.23	<0.05	0.7	0.101	0.27
H246728		190	1.5	1.4	<0.002	0.04	0.07	0.3	1	<0.2	52.6	<0.05	<0.05	<0.2	0.005	<0.02
H246729		30	1.8	4.7	<0.002	0.73	0.42	1.3	2	0.4	38.6	0.09	<0.05	0.3	0.041	0.14
H246730		40	5	40.4	0.002	2.04	0.91	4	2	2.8	77.4	0.22	0.08	0.8	0.111	0.54
H246731		120	67.3	40.6	0.003	2.44	3.63	3.5	2	4.6	99.9	0.26	0.12	1.2	0.091	0.84
H246732		100	7.8	47.2	0.006	2.33	2.79	3.7	2	5.5	96.8	0.35	0.09	2.1	0.104	0.44
H246733		270	4.6	88.8	<0.002	2.48	3.12	3.5	2	4.4	100	0.53	0.13	2.1	0.134	0.53
H246734		110	4.8	34.2	0.004	1.29	3.26	1.9	3	2.6	117	0.24	0.2	1.3	0.06	0.27
H246735		420	4.6	93.9	0.003	3.63	2.71	2.1	2	2.2	89.9	0.23	0.25	0.9	0.067	0.47
H246736		600	4.3	114.5	0.002	4.93	2.02	3.6	2	1.7	80.7	0.27	0.44	1.1	0.087	0.56
H246737		1810	0.9	309	<0.002	1.48	0.24	25.4	2	10.8	83.6	1.51	0.13	4	0.816	2.26
H246738		1530	1.1	340	<0.002	1.88	0.27	25.1	2	11.3	82.1	1.95	0.13	5	0.825	2.33
H246739		2790	1.9	197	<0.002	1.68	0.3	25.1	2	14.8	60.3	3.53	0.1	12.4	0.851	1.86
H246740		3000	1.2	255	0.004	1.88	0.26	23.5	2	8.4	64	1.53	0.09	6.9	0.566	1.8
H246741		660	3.2	116.5	<0.002	>10.0	0.6	11.7	2	2.1	97.3	0.63	0.05	2.2	0.274	0.86
H246742		1730	0.9	324	<0.002	1.97	0.19	21.3	2	5.5	81.4	1.16	<0.05	5.4	0.523	2.21
H246743		230	1.6	4.7	<0.002	0.08	0.07	0.7	2	0.2	52.3	<0.05	<0.05	<0.2	0.016	0.04
H246744		1730	0.8	413	<0.002	0.93	0.14	17.9	1	8.2	62.7	1.15	<0.05	6.1	0.555	2.49
H246745		1830	2.1	740	0.002	4.24	0.43	16.8	2	12.4	44.8	1.06	0.05	7	0.441	3.16
H246746		1220	2.4	188.5	<0.002	6.34	0.38	13.1	2	4.8	33.8	3.77	<0.05	14.3	0.442	0.99
H246747		570	2	411	<0.002	3.77	0.76	4.4	2	3.8	54.7	2.13	0.06	7.3	0.291	2.11
H246748		420	1.8	181.5	<0.002	3.98	1.25	2.1	4	1	62.7	0.31	<0.05	1.1	0.09	0.86
H246749		350	4.4	118	<0.002	4.72	8.04	3.9	4	2.1	69.6	0.33	0.49	1.2	0.111	0.63

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	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
H246710		0.3	8	1.8	1.9	19	2
H246711		0.2	5	0.6	2.1	28	<0.5
H246712		0.1	12	0.5	2.6	25	<0.5
H246713		0.3	17	1.4	2.8	48	4.4
H246714		0.3	12	1.2	2.6	55	4.1
H246715		0.2	8	0.8	3.4	111	3.2
H246716		0.3	6	1	2.5	52	5.4
H246717		0.7	53	9.4	9.8	44	66.8
H246718		0.2	4	0.3	1	5	3
H246719		0.3	5	0.4	1.3	25	2.7
H246720		0.2	5	0.1	1.5	14	1.9
H246721		0.2	4	0.3	1.9	15	1.7
H246722		0.2	3	0.1	1.4	28	1.4
H246723		0.3	3	0.2	1.8	9	5
H246724		0.5	9	0.7	4.4	5	15.7
H246725		0.3	11	0.5	4.9	46	7.2
H246726		0.3	9	0.4	4.5	26	8.6
H246727		0.6	13	1.1	5.6	5	16.3
H246728		0.5	2	0.1	1.1	15	1.2
H246729		0.4	7	0.4	3.1	3	6.7
H246730		0.5	18	85.2	9.5	37	17
H246731		0.9	18	171.5	15.2	2150	21
H246732		1.7	15	580	17.5	22	32.2
H246733		1.4	20	33.1	14.4	26	38.5
H246734		1.3	9	212	14.6	11	23.6
H246735		1.2	13	66.7	19.4	14	24.3
H246736		0.9	20	70.4	18.7	14	22.1
H246737		0.6	191	6.1	20.4	21	36.3
H246738		0.6	211	5.2	19.9	24	31.3
H246739		0.7	168	5.9	30	21	22.2
H246740		0.8	84	5.3	20.9	22	72.9
H246741		0.7	82	2.9	14.2	31	31.2
H246742		1.5	172	2.9	19.2	29	65.9
H246743		0.5	4	0.4	1.2	14	2.7
H246744		1.2	155	3.1	18	26	57.3
H246745		3.2	144	3.3	17.9	22	111.5
H246746		1.5	104	4.7	20.5	24	76.6
H246747		2	33	3.4	15	18	49.1
H246748		0.7	19	1.1	8.1	11	19.4
H246749		0.8	22	2.6	11.2	9	24.4

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

Project: RAU

Finalized Date: 23-OCT-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08140194

Sample Description	Method	WEI-21	Au-AA26	Zn-OG62	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Zn	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
H246750		6.06	0.03		0.16	2.58	92	220	0.63	36.7	14.2	<0.02	23.5	10.4	71	21.1
H246751		6.20	0.02		0.23	2.97	97	170	0.67	56.6	11.3	0.02	17.75	12.4	83	25.9
H246752		4.43	0.01		0.23	1.39	108	40	0.43	15.2	11.4	0.02	13.95	8.4	41	14.25
H246753		0.16	14.35		7.33	3.98	415	610	0.92	0.17	0.19	0.1	20.3	9	36	6.17
H246754		3.92	0.01		0.22	0.17	489	20	0.11	2.2	16.15	0.03	10.75	1.5	2	1.58
H246755		3.99	0.01		0.07	0.16	98	40	0.11	4.47	20.6	0.03	4.13	0.8	5	1.5
H246756		5.95	0.01		0.21	0.13	82	10	0.09	29	13.85	0.04	7.32	0.9	6	1.35
H246757		3.70	0.01		0.12	0.17	46	30	0.1	12.2	16.8	0.03	9.19	0.8	2	1.83
H246758		3.61	0.01		0.08	0.15	33	20	0.1	2.61	19.7	0.04	8.24	1.3	2	1.17
H246759		6.13	0.24		0.24	0.37	534	20	0.12	254	9.74	0.04	8.07	14.5	4	1.19
H246760		6.24	0.15		0.15	0.09	4270	10	<0.05	125.5	16.5	0.05	9.15	1.7	1	0.57
H246761		6.47	1.96		0.09	0.12	3420	10	0.05	423	15.3	0.06	34.9	1.3	1	0.34
H246762		6.67	0.17		0.15	0.08	742	10	0.18	1920	11.75	0.03	38.3	1.1	2	0.27
H246763		6.44	0.66		0.1	0.06	938	10	<0.05	335	10.55	0.04	83.1	0.7	2	0.22
H246764		6.62	0.19		0.12	0.03	919	10	<0.05	395	11.6	0.06	14.4	0.6	5	0.21
H246765		6.91	0.30		0.16	0.07	8050	10	0.09	756	10.8	0.04	98.1	1	<1	0.3
H246766		7.98	0.21		2.55	0.95	1780	60	0.21	341	1.87	22.4	111.5	8.2	10	0.58
H246767		0.48	0.04		0.03	0.09	85	20	0.07	14.05	20.2	0.1	2.59	1.3	1	0.18
H246768		8.02	0.07		0.89	0.86	1200	50	0.17	462	0.23	3.28	39.4	6.8	9	0.22
H246769		7.54	0.09		0.51	1.2	1365	10	0.24	456	0.86	0.93	167.5	12.4	15	0.12
H246770		6.11	0.04		0.14	4.54	287	50	1.25	67.9	4.2	0.11	82.2	40.4	34	7.4
H246771		6.18	0.03		0.9	1.59	664	30	0.38	124.5	0.71	3.68	187.5	40.4	20	0.78
H246772		6.20	0.05		0.14	4.65	223	40	1.17	186.5	0.94	2.31	120.5	56.4	38	2.46
H246773		0.16	15.05		7.53	4	515	340	0.88	0.24	0.19	0.09	20.7	8.9	34	6.48
H246774		6.38	0.04		0.12	5.19	296	520	1.14	468	0.87	0.49	237	65.8	43	3.39
H246775		5.27	0.03		0.07	6.4	80.5	60	1.13	13.45	2.25	0.09	74.9	55.1	44	6.18
H246776		5.51	0.02		0.07	7.1	61.3	120	1.88	45.3	6.16	0.06	121	69	43	25.6
H246777		5.08	0.01		0.03	6.32	47	260	1.99	146	10.7	0.04	96.4	58	32	23.7
H246779		5.33	<0.01		0.02	6.04	9	1110	1.49	25.7	15.2	0.03	94.6	46.5	34	14.9
H246780		5.31	<0.01		0.07	6	<5	1610	1.29	2.03	12	<0.02	78	50.7	34	28.1
H246781		0.82	<0.01		<0.01	0.13	5	30	0.11	0.73	19	0.07	2.4	1.9	1	0.38
H246782		5.00	<0.01		0.09	5.92	7	2490	1.15	0.66	13.15	0.02	107.5	40.5	35	35.3
H246783		5.22	<0.01		0.11	6.01	10	1790	1.53	1.08	12.3	0.03	90	51.2	36	52.7
H246784		5.29	0.02		0.05	5.56	40	140	1.31	0.94	8.56	0.05	76.7	35.6	27	18.35
H246785		3.58	0.11		0.94	1.84	114	40	0.6	0.76	8.55	0.25	31.4	11	27	4.53
H246786		4.79	<0.01		0.07	0.21	10	120	0.16	0.33	10.1	0.08	2.6	1.3	10	0.26
H246787		5.09	0.02		0.95	0.19	17	130	0.15	0.28	16.7	0.11	3.99	1.3	7	0.33
H246788		5.29	<0.01		0.19	0.22	16	120	0.19	0.28	17.75	0.1	5	1.4	8	0.48
H246789		5.02	<0.01		0.27	0.77	46	410	0.49	2.05	17.85	0.24	7.65	8.7	19	3.76
H246790		2.03	<0.01		0.2	0.54	190	70	0.24	43.8	16.2	0.23	10.4	15.6	21	1.76

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Project: RAU

Finalized Date: 23-OCT-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08140194

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
H246750		7.2	3.98	10	0.09	1.1	0.009	2.08	12.8	16.2	8.37	558	0.26	0.06	13.4	43
H246751		9.1	4.9	13.1	0.09	1.3	0.009	2.24	9.2	17.3	7.03	484	0.4	0.08	14.5	53.5
H246752		12.7	5.72	8.99	0.1	0.9	0.008	1.09	7	8.5	7.16	519	0.29	0.03	5.5	27.9
H246753		49.8	3.25	8.22	0.13	2	0.032	3.34	10	46.4	0.19	140	6.17	0.09	7	17.8
H246754		14.2	5.81	1.06	0.08	0.1	0.019	0.12	5.1	2.4	11.55	724	0.1	0.01	0.3	1.3
H246755		2.7	2.35	0.85	<0.05	0.1	0.008	0.11	2.7	2.7	13.25	574	0.05	0.01	0.6	<0.2
H246756		9.6	6.08	0.99	0.08	0.1	0.015	0.09	3.5	2.3	8.53	655	0.1	0.01	0.4	1.8
H246757		9.8	6.45	1.17	0.09	0.1	0.016	0.13	4.5	2.3	10.85	741	0.07	0.01	0.7	2.6
H246758		3.8	2.58	0.92	<0.05	0.1	0.014	0.09	4.6	2.5	12.2	788	0.07	0.01	0.6	1.1
H246759		8.1	19.3	2.33	0.23	0.2	0.013	0.09	3.4	1.6	5.05	734	0.11	0.03	1.8	13.8
H246760		5.8	9.09	0.73	0.12	0.1	0.041	0.03	4.1	2	9.61	2360	0.08	0.01	0.4	2.3
H246761		2.7	11.75	1.15	0.16	0.1	0.052	0.01	21.6	2.3	9.02	2540	0.05	0.02	0.7	1.7
H246762		4.2	15.2	0.89	0.3	0.1	0.038	0.01	23.2	2.3	6.81	1880	0.05	0.01	0.4	2.4
H246763		3.3	17.3	0.73	0.26	0.1	0.041	0.01	57.8	1.6	5.72	1760	0.06	0.01	0.7	1.5
H246764		3.4	17.7	0.36	0.22	<0.1	0.045	0.01	8.4	1.5	6.75	2150	0.08	0.01	0.3	0.8
H246765		4.6	19.2	1.2	0.33	0.1	0.036	0.01	65.2	1.9	6.16	1820	0.07	0.01	0.3	2
H246766		9.7	38.2	5.89	0.43	0.6	0.045	0.19	74.8	1.3	1	375	0.18	0.06	4.9	31.1
H246767		2.5	0.69	0.25	<0.05	<0.1	0.005	0.03	1.5	1	12.9	213	0.11	0.01	0.2	<0.2
H246768		8.3	37.5	5.81	0.37	0.7	0.007	0.14	26.7	1.1	0.25	<5	0.16	0.06	3	62.1
H246769		8.8	31.8	8.84	0.41	0.9	0.072	0.02	110.5	1.2	0.61	203	0.25	0.12	3.9	44.1
H246770		14.3	11.75	19.1	0.2	1.2	0.042	1.94	45	8.7	1.92	512	0.18	0.1	20.7	74.5
H246771		22.7	30.1	7.26	0.45	2	0.015	0.62	118	3.8	0.24	<5	0.17	0.04	8.8	104.5
H246772		19.4	13.15	18.2	0.28	1.3	0.044	2.22	69	16.7	0.38	41	0.17	0.04	18.7	79.2
H246773		51.5	3.4	8.15	0.17	2.1	0.037	3.3	10.1	53.8	0.2	158	6.39	0.09	7.2	17.9
H246774		30.5	16.2	21.3	0.42	2.6	0.045	2.59	137	21.7	0.49	32	0.44	0.06	16.3	99
H246775		25.7	7.66	20.2	0.2	1	0.058	3.35	33.5	14.3	1.13	221	0.18	0.08	16.8	108
H246776		22.1	10.55	26.6	0.31	1.1	0.076	3.51	55.2	35.8	2.52	1270	0.22	0.24	30.3	142.5
H246777		10.8	6.37	24	0.23	1.4	0.064	3.04	47.6	38.4	4.34	3600	0.21	0.36	17.8	106
H246779		15.6	4.25	18.35	0.2	0.4	0.066	2.65	46.2	32.2	2.44	1630	0.11	0.25	22.2	106
H246780		40	4.62	19.4	0.21	0.5	0.049	4.14	38.3	43.6	3.95	718	0.11	0.13	17.7	121.5
H246781		2	0.47	0.57	<0.05	<0.1	<0.005	0.06	1.1	1.6	12.85	226	0.05	0.01	0.6	3
H246782		28.2	3.4	17.15	0.2	0.4	0.037	4.86	53.8	41.9	3.74	696	0.2	0.17	18.5	105.5
H246783		34.4	5.24	18.65	0.21	0.3	0.04	4.04	44.4	55	5.58	796	0.16	0.22	22.4	100
H246784		29.8	5.01	16.45	0.2	0.4	0.036	2.69	36.1	27.7	4.76	639	0.29	0.19	16.5	78.9
H246785		56.6	8.81	5.98	0.25	1	0.055	0.82	16.5	9.4	5.62	250	22.6	0.03	5.9	77.1
H246786		5.6	0.4	0.65	0.05	0.1	<0.005	0.06	1.7	1.9	6.67	143	0.34	0.01	0.9	6.8
H246787		56.8	0.31	0.71	0.05	0.1	0.013	0.07	2.6	2.5	11.3	236	0.34	0.01	0.6	4.5
H246788		8	0.4	0.75	<0.05	0.1	<0.005	0.08	3.1	1.8	11.85	299	0.42	0.01	0.6	6.2
H246789		14.1	0.99	3.01	0.08	0.6	0.005	0.4	4.5	6	11.95	509	22.6	0.03	3.7	47.9
H246790		7.8	5.05	2.96	0.09	0.6	<0.005	0.15	5	3	9.9	684	58	0.04	3.2	107

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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
H246750		670	1.8	297	<0.002	4.28	0.84	6.5	3	2.4	56.2	0.77	0.14	2.4	0.301	1.51
H246751		850	1.8	379	<0.002	5.37	1	8.6	3	3	49.1	0.83	0.25	3	0.294	1.86
H246752		580	2.4	253	<0.002	5.51	0.77	4.3	4	2	45.2	0.29	0.14	1.3	0.121	1.08
H246753		560	5.6	114	<0.002	2.42	44.7	7.9	17	2.6	72.8	0.46	0.2	1.7	0.317	4.46
H246754		260	1.5	19.8	<0.002	2.99	0.44	1.1	4	0.2	66.2	<0.05	0.26	0.2	0.008	0.14
H246755		120	1.4	15.6	<0.002	2.31	0.25	0.5	3	0.2	45.6	<0.05	<0.05	0.2	0.012	0.11
H246756		60	2.1	17	<0.002	4.87	0.48	0.8	6	0.3	52.5	<0.05	0.1	<0.2	0.008	0.1
H246757		150	1.7	18.1	<0.002	5.43	0.46	1.1	6	0.4	62.9	<0.05	0.1	0.2	0.01	0.12
H246758		200	3.6	15.3	<0.002	2.19	1.01	0.8	3	0.2	52.5	<0.05	<0.05	0.2	0.012	0.09
H246759		120	5.6	19.6	0.003	>10.0	4.06	1.4	8	1	36	0.11	0.47	0.3	0.022	0.12
H246760		110	4	6.8	0.002	8.46	3.77	0.8	4	0.3	89.8	<0.05	0.28	<0.2	0.005	0.05
H246761		160	5.3	2.1	<0.002	>10.0	5.57	0.6	5	0.7	94.2	<0.05	0.44	0.3	0.008	0.05
H246762		100	9.6	1.8	<0.002	>10.0	22	0.5	8	0.7	76.7	<0.05	1.72	<0.2	0.005	0.09
H246763		90	5.1	1.5	<0.002	>10.0	5.37	0.4	8	0.2	66.6	0.05	0.47	0.3	0.005	0.03
H246764		50	6	0.9	0.002	>10.0	6.44	0.4	7	0.2	79.8	<0.05	0.44	<0.2	<0.005	0.04
H246765		120	19.3	1.6	<0.002	>10.0	11.55	0.6	10	0.5	78	<0.05	1.31	<0.2	0.005	0.08
H246766		310	777	12.9	0.006	>10.0	5.31	1.2	15	3.1	14.3	0.27	0.69	1.2	0.146	0.47
H246767		250	3.8	1.4	<0.002	0.45	0.62	0.4	3	0.2	55.2	<0.05	<0.05	<0.2	<0.005	<0.02
H246768		280	255	5.9	<0.002	>10.0	5.66	0.6	9	1.5	5.3	0.15	1.1	0.6	0.077	0.22
H246769		720	50.3	1	<0.002	>10.0	6.62	0.6	7	1.8	11.4	0.22	0.91	1.7	0.107	0.16
H246770		2590	10.8	109.5	<0.002	>10.0	1.96	10.7	4	8.5	31.7	1.23	0.3	3.2	0.666	1.08
H246771		1520	134.5	25.7	<0.002	>10.0	5.03	3.8	10	3.1	9	0.52	0.84	2.4	0.278	0.4
H246772		2550	112.5	88.7	<0.002	>10.0	3.32	8.9	4	6.6	14.2	1.12	0.51	2.9	0.608	0.92
H246773		580	7.8	123	0.002	2.4	47	7.9	18	2.7	80.4	0.45	0.24	1.6	0.318	4.79
H246774		2660	36	114	<0.002	>10.0	11.35	10.9	6	7.5	19.5	0.92	1.38	3.1	0.534	0.82
H246775		3070	4.4	147	<0.002	8.86	1.18	13	3	4.7	29.7	1	0.21	3.6	0.583	1.22
H246776		3220	3.2	123	<0.002	>10.0	0.88	16.5	4	6.6	60.8	1.81	0.07	4.7	0.938	1.45
H246777		2540	2.7	103	<0.002	4.87	0.93	14.2	3	5.5	118	1.03	0.09	3.9	0.618	0.92
H246779		2900	1.6	99.4	<0.002	0.92	0.32	12.8	3	5.2	141.5	1.29	0.08	3.8	0.717	0.95
H246780		2160	1.8	220	<0.002	2.15	0.22	13	4	5.8	76.1	1.01	0.19	4	0.637	1.95
H246781		250	1.4	3	<0.002	0.05	0.05	0.4	3	0.2	47.7	<0.05	<0.05	<0.2	0.016	0.03
H246782		2420	3	309	<0.002	1.17	0.26	12.7	3	6.2	102.5	1.06	0.1	4.1	0.618	2.51
H246783		2410	1.8	299	<0.002	2.68	0.47	13.4	3	7.4	86.5	1.29	0.09	3.9	0.747	3.27
H246784		2270	2.1	92.2	<0.002	4.76	1.61	12	3	2.1	71.5	0.97	<0.05	3.3	0.542	1.37
H246785		930	6.3	27.5	0.101	>10.0	20.3	3.5	9	0.8	46.5	0.34	0.15	1.6	0.177	1.19
H246786		90	1.6	2.1	<0.002	0.42	1.45	0.8	4	0.3	41.7	0.05	<0.05	0.2	0.024	0.07
H246787		410	2.4	2.9	0.002	0.27	25.7	1	4	0.4	75.8	<0.05	<0.05	0.2	0.013	0.07
H246788		2040	4.1	4	0.004	0.4	3.73	0.8	2	<0.2	69.1	<0.05	<0.05	0.2	0.017	0.09
H246789		840	21.9	33.4	0.153	1.09	2.89	1.9	6	0.8	76.6	0.21	0.1	0.8	0.102	0.4
H246790		2070	11.8	25.3	0.305	6.17	5.31	1.4	5	0.5	80.3	0.19	0.37	1.7	0.052	0.36

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

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: RAU

Finalized Date: 23-OCT-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08140194

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
H246750		1.1	66	4.3	9	13	42.5
H246751		1.8	66	4.8	9.2	31	51.7
H246752		1.3	34	4	7.5	13	37.3
H246753		0.8	60	9.1	11.3	49	76.9
H246754		0.1	15	0.5	8.1	15	2.6
H246755		0.1	6	0.7	3	6	4
H246756		0.1	8	74.6	6	10	2.8
H246757		0.1	10	1.5	6.9	10	3.4
H246758		0.1	9	3.4	5.1	9	3.9
H246759		0.5	15	262	6.3	8	8.2
H246760		1.4	12	142.5	7.8	15	2.9
H246761		0.4	6	101.5	6.2	15	4.4
H246762		0.2	7	720	6.1	10	3.1
H246763		1	5	83.3	5	9	4.5
H246764		0.4	5	204	5.6	10	1.6
H246765		1.6	7	560	7.4	10	2.4
H246766		1.9	26	600	2.7	3630	27.5
H246767		0.9	2	8.3	1.1	23	0.5
H246768		1.2	26	45.8	1	625	31.2
H246769		2.9	42	13.3	2.6	245	35.3
H246770		1.9	109	12.7	9.5	37	50.5
H246771		4.8	47	22.9	5.3	832	80.1
H246772		3	123	10.5	5.9	564	53.6
H246773		0.7	64	9.9	11.1	49	72.1
H246774		4.5	134	9.7	7.9	139	108.5
H246775		1	161	6.3	8.9	27	32.8
H246776		0.9	181	6.4	19.2	36	39.1
H246777		1.4	151	5.8	21.2	26	48.9
H246779		0.4	145	2.3	18.4	20	12.2
H246780		0.5	143	3.1	16.3	21	16.3
H246781		0.5	4	0.2	1.1	11	1.8
H246782		0.4	127	2.2	18	19	11.9
H246783		0.3	143	1.8	18	29	8.3
H246784		0.6	124	1.1	15	25	12.8
H246785		7.8	316	1	9.3	51	35
H246786		1.8	15	0.7	1.4	21	4.2
H246787		9.6	32	0.3	3.7	20	3.7
H246788		25.3	55	0.5	5.4	25	3.5
H246789		16.9	214	3.2	7.3	59	21.7
H246790		50.3	268	25.4	9.9	94	24.7

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Project: RAU

Finalized Date: 23-OCT-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08140194

Sample Description	Method	WEI-21	Au-AA26	Zn-OG62	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Zn	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
H246791		0.16	14.55		6.94	3.76	494	460	0.84	0.18	0.21	0.09	17.7	8.4	33	5.64
H246792		5.35	0.04		0.79	0.19	1385	20	<0.05	488	0.73	2.46	40.3	6.8	6	0.25
H246793		8.32	0.10		8.13	0.03	2520	30	<0.05	500	0.51	19.2	26.5	3	<1	0.25
H246794		8.91	0.10		16.7	0.08	3430	20	<0.05	4450	0.3	38	40.7	1.1	3	0.3
H246795		9.11	0.21	1.40	43.2	0.02	4440	10	<0.05	851	0.36	73.5	10.15	0.6	2	0.28
H246796		9.30	0.10	1.17	22.5	0.07	3790	30	<0.05	450	0.26	54.2	10.25	1.4	3	0.2
H246797		8.39	0.12	1.53	20.8	0.01	3340	10	<0.05	353	0.89	70.4	10.75	1.8	1	0.28
H246798		4.97	0.10	1.76	36.3	0.02	3420	20	<0.05	406	0.77	75.4	3.45	1.2	1	0.24
H246799		0.98	<0.01		0.86	0.09	61	30	0.09	12.25	19.8	2.36	1.91	1	1	0.19
H246800		4.20	0.09		16.05	0.07	3290	20	<0.05	428	0.37	19.7	16.1	2	<1	0.23
H246851		6.81	0.20	1.49	33.3	0.04	3580	10	<0.05	663	1.58	64.5	181	1.2	<1	0.28
H246852		5.22	<0.01		0.29	5.93	30	1110	1.73	271	12.9	0.28	87	36.4	37	42

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Project: RAU

Finalized Date: 23-OCT-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08140194

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	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
H246791		44.5	3.29	7.63	0.1	2	0.029	3.2	8.1	53	0.19	150	5.86	0.09	6.9	15.6
H246792		7.7	37.7	1.6	0.33	0.3	0.005	0.02	24.2	0.6	0.28	62	14.95	0.02	0.7	52.9
H246793		14.5	41.6	0.42	0.36	0.2	0.011	0.01	16	0.6	0.15	81	8.32	0.01	0.5	20.8
H246794		24.4	42.4	1.02	0.41	0.2	0.025	0.01	25.6	1.1	0.11	246	0.32	0.01	0.5	8.3
H246795		39.5	43.5	0.5	0.47	0.1	0.053	0.01	6.2	0.9	0.11	390	0.63	0.01	0.3	5.3
H246796		21.7	44	0.72	0.36	0.1	0.045	0.01	5.8	0.4	0.1	311	0.21	0.01	0.7	13.6
H246797		27.1	40.2	0.32	0.32	<0.1	0.252	0.01	6.3	0.7	0.27	1180	0.22	0.01	0.3	20
H246798		34.2	41	0.54	0.39	<0.1	0.142	<0.01	1.3	0.7	0.16	603	0.34	0.01	0.2	9.1
H246799		2.7	1.08	0.29	<0.05	<0.1	0.012	0.04	1	1.3	12.45	221	0.14	<0.01	0.4	2
H246800		18.1	44.1	0.73	0.39	0.1	0.081	<0.01	10	0.5	0.14	310	4.63	0.01	0.3	22.5
H246851		37.9	41.8	1.5	0.48	0.1	0.174	0.01	113.5	1	0.61	1510	0.25	0.01	0.2	6.9
H246852		5.8	4.37	22.3	0.1	1.5	0.034	3.44	38.3	39.9	6.02	3380	0.23	0.23	25.9	59.9

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CERTIFICATE OF ANALYSIS VA08140194

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
H246791		550	5.3	118	0.002	2.29	43.6	7	16	2.5	71.5	0.43	0.15	1.4	0.308	4.4
H246792		1050	182.5	1.8	0.088	>10.0	10.25	<0.1	9	0.5	5.1	<0.05	2.61	0.7	0.012	0.23
H246793		830	845	1	0.042	>10.0	9.08	<0.1	7	0.4	3.3	<0.05	2.91	0.4	0.005	0.5
H246794		90	1700	1.1	<0.002	>10.0	86.8	1.7	10	1	2.8	<0.05	12.15	0.4	0.005	0.57
H246795		40	1770	0.8	0.009	>10.0	15.6	1.3	10	0.7	1.4	<0.05	3.1	<0.2	<0.005	0.56
H246796		60	2050	0.6	0.004	>10.0	8.38	<0.1	8	0.5	2.4	<0.05	2.32	<0.2	0.008	0.69
H246797		160	2140	0.7	0.006	>10.0	7.08	<0.1	9	0.5	2.8	<0.05	1.93	<0.2	<0.005	0.86
H246798		20	2380	0.6	0.022	>10.0	12.6	<0.1	9	1.1	6.7	<0.05	2.19	<0.2	<0.005	0.71
H246799		210	77.5	2.1	0.002	0.91	0.42	0.2	2	<0.2	48.7	<0.05	0.1	<0.2	0.005	0.04
H246800		70	1200	0.7	0.009	>10.0	8.61	<0.1	9	0.4	2.3	<0.05	2.41	0.2	<0.005	0.69
H246851		100	2210	0.7	0.021	>10.0	10.8	1.3	9	0.9	3.8	<0.05	2.89	0.4	<0.005	0.83
H246852		2960	18.2	160	<0.002	1.86	1.87	13.2	2	7.8	97.3	1.68	0.37	3.5	0.935	2.3

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Finalized Date: 23-OCT-2008
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS VA08140194

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
H246791		0.7	58	9.7	10.3	47	73
H246792		21.6	45	12.2	1.8	672	9.5
H246793		15.8	4	4.8	1.4	3970	6.4
H246794		3.3	3	0.8	0.6	7350	3.6
H246795		3.4	<1	0.7	0.3	>10000	1.6
H246796		7.8	2	1.5	0.4	>10000	4.9
H246797		3.3	<1	0.4	0.6	>10000	2
H246798		2.9	1	0.5	0.5	>10000	1.2
H246799		0.5	2	0.2	1.1	523	1.3
H246800		4	3	3	0.5	4530	2.4
H246851		4.1	2	0.3	1.8	>10000	0.8
H246852		1.6	145	87.4	19.4	101	59.2

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Project: RAU

e: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 23-OCT-2008
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CERTIFICATE OF ANALYSIS VA08140194

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

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Finalized Date: 7-OCT-2008
Account: RCM

CERTIFICATE VA08137926

Project: RAU

P.O. No.:

This report is for 1 Drill Core sample submitted to our lab in Vancouver, BC, Canada on 25-SEP-2008.

The following have access to data associated with this certificate:

AL ARCHER BILL WENGZYNOWSKI	DOUG EATON	JOAN MARIACHER

SAMPLE PREPARATION

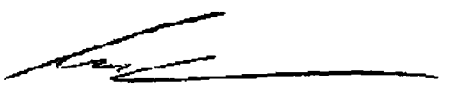
ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
As-OG46	Ore Grade As - Aqua Regia	VARIABLE
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES

To: **ATAC RESOURCES LTD.**
ATTN: AL ARCHER
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.

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Project: RAU

Finalized Date: 7-OCT-2008
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CERTIFICATE OF ANALYSIS VA08137926

Sample Description	Method Analyte Units LOR	As-OG46 As % 0.01
H246052		6.23

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Finalized Date: 7-OCT-2008
Account: RCM

CERTIFICATE VA08137925

Project: RAU

P.O. No.:

This report is for 6 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 25-SEP-2008.

The following have access to data associated with this certificate:

AL ARCHER BILL WENGZYNOWSKI	DOUG EATON	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
As-OG46	Ore Grade As - Aqua Regia	VARIABLE
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES

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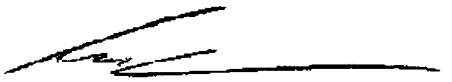
This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: RAU

Finalized Date: 7-OCT-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08137925

Sample Description	Method / Analyte / Units / LOR	As-OG46 / As / % / 0.01
H246006		7.14
H246007		10.65
H246008		10.25
H246009		10.80
H246031		4.07
H246034		5.20

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Finalized Date: 7-OCT-2008
Account: RCM

CERTIFICATE TR08137924

Project: RAU

P.O. No.: RAU-08-07

This report is for 12 Drill Core samples submitted to our lab in Terrace, BC, Canada on 25-SEP-2008.

The following have access to data associated with this certificate:

AL ARCHER BILL WENGZYNOWSKI	DOUG EATON	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
As-OG46	Ore Grade As - Aqua Regia	VARIABLE
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES

To: ATAC RESOURCES LTD.
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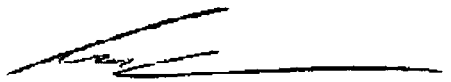
Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Project: RAU

Finalized Date: 7-OCT-2008
Account: RCM

CERTIFICATE OF ANALYSIS TR08137924

Sample Description	Method Analyte Units LOR	As-OG46 As % 0.01
G004850		3.30
G004851		4.55
G004852		5.16
G004853		7.39
G004854		5.36
G004855		6.81
G004856		3.35
G004864		2.41
G004865		2.45
G004866		1.68
G004867		3.83
G004868		2.53

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Finalized Date: 8-OCT-2008
Account: RCM

CERTIFICATE TR08137923

Project: RAU

P.O. No.:

This report is for 20 Drill Core samples submitted to our lab in Terrace, BC, Canada on 25-SEP-2008.

The following have access to data associated with this certificate:

AL ARCHER BILL WENGZYNOWSKI	DOUG EATON	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
As-OG46	Ore Grade As - Aqua Regia	VARIABLE
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES

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

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Project: RAU

Finalized Date: 8-OCT-2008
Account: RCM

CERTIFICATE OF ANALYSIS TR08137923

Sample Description	Method Analyte Units LOR	As-OG46 As % 0.01
G004790		1.13
G004791		4.09
G004792		8.18
G004796		1.42
G004797		6.07
G004798		3.60
G004804		1.12
G004805		2.18
G004807		1.44
G004809		1.88
G004811		1.29
G004813		1.49
G004814		2.80
G004815		4.19
G004816		3.74
G004817		5.68
G004818		6.27
G004819		6.58
G004820		4.73
G004821		3.35

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Finalized Date: 7-OCT-2008
Account: RCM

CERTIFICATE VA08137922

Project: RAU

P.O. No.: RAU0804, RAU0803

This report is for 18 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 25-SEP-2008.

The following have access to data associated with this certificate:

AL ARCHER BILL WENGZYNOWSKI	DOUG EATON	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
As-OG46	Ore Grade As - Aqua Regia	VARIABLE
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES

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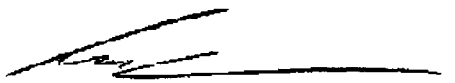
Signature: 

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Project: RAU

Finalized Date: 7-OCT-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08137922

Sample Description	Method Analyte Units LOR	As-OG46 As % 0.01
G004746		3.42
G004747		2.41
G004752		2.49
G004769		3.15
G004770		10.35
G004772		9.27
G004773		9.98
G004829		1.29
G004830		1.34
G004831		1.99
G004832		2.30
G004833		2.20
G004835		3.52
G004836		2.60
G004841		1.24
G004842		3.48
G004843		1.17
G004844		1.56

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Finalized Date: 1-OCT-2008
Account: RCM

CERTIFICATE VA08137921

Project: RAU

P.O. No.: RAU-08-02

This report is for 11 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 25-SEP-2008.

The following have access to data associated with this certificate:

AL ARCHER BILL WENGZYNOWSKI	DOUG EATON	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
As-OG46	Ore Grade As - Aqua Regia	VARIABLE
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES

To: **ATAC RESOURCES LTD.**
ATTN: AL ARCHER
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Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Project: RAU

Finalized Date: 1-OCT-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08137921

Sample Description	Method Analyte Units LOR	As-OG46 As % 0.01
G004568		5.79
G004571		2.32
G004573		4.17
G004584		3.69
G004586		3.44
G004591		1.48
G004597		1.63
G004598		1.33
G004599		2.04
G004604		1.95
G004607		1.17

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Finalized Date: 27-SEP-2008
Account: RCM

CERTIFICATE VA08131578

Project: RAU

P.O. No.: RAU-08-14

This report is for 20 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 8-SEP-2008.

The following have access to data associated with this certificate:

AL ARCHER BILL WENGZYNOWSKI	DOUG EATON	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
CRU-QC	Crushing QC Test
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

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

To: ATAC RESOURCES LTD.
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Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Project: RAU

Finalized Date: 27-SEP-2008
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CERTIFICATE OF ANALYSIS VA08131578

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
H246565		5.70	<0.01	0.28	6.07	3.8	1990	1.3	0.13	4.79	0.14	69.2	43.9	241	6.7	68.8
H246566		5.86	<0.01	0.43	6.13	7.2	4170	1.64	0.12	3.55	0.3	73.2	44	260	14.4	75.9
H246567		5.74	<0.01	0.13	6.07	1.2	350	1.31	0.03	4.01	0.07	83.3	42.9	256	1.5	40.4
H246568		7.02	0.01	0.18	5.93	3.6	170	1.77	0.06	3.56	0.08	81.1	45.1	270	9.07	104.5
H246569		5.24	0.01	0.11	6.31	1.3	80	1.23	0.29	4.44	0.06	75.1	41.2	220	3.06	52.9
H246570		3.34	0.02	0.18	6.6	3.1	130	1.33	0.06	4.59	0.06	83.2	41.7	232	5.83	49.4
H246571		1.00	<0.01	0.03	0.17	<5	10	0.08	0.08	18.4	0.06	7.27	1.3	3	0.18	2.9
H246572		3.46	<0.01	0.12	2.02	7	170	0.82	0.08	22.3	0.16	31.5	8.8	45	4.91	27.1
H246573		5.78	<0.01	0.02	0.17	<5	30	0.09	0.01	32.7	0.11	5.54	1.2	3	0.11	2.9
H246574		4.34	0.01	0.08	4.25	6	290	1.06	0.04	18.2	0.08	48.9	18.5	71	2.9	14.3
H246575		5.34	<0.01	0.05	3.2	<5	200	0.83	0.04	20.9	0.09	39.6	13.3	60	1.8	10.7
H246576		6.04	0.02	0.04	2.92	<5	220	0.81	0.04	21.7	0.05	38.5	12.6	56	1.75	11.3
H246577		0.16	14.75	7.76	3.57	390	590	0.82	0.04	0.23	0.09	17.45	7.7	33	5.64	45.7
H246578		6.16	0.01	0.07	1.42	20	140	0.28	0.04	26.7	0.06	19.6	6.1	45	0.79	4.8
H246579		5.20	0.01	0.06	0.89	5	90	0.24	0.02	29.2	0.08	20.8	4.8	28	0.73	3.2
H246580		4.10	0.01	0.05	0.89	18	100	0.32	0.02	28.2	0.07	13.75	5	26	0.85	3.7
H246581		3.94	0.01	0.07	1.66	13	180	0.46	0.08	24.7	0.08	26.7	8.8	45	1.44	7.9
H246582		3.46	<0.01	0.07	2.29	13	290	0.61	0.06	24.8	0.03	31.4	10.1	61	2.49	8.7
H246583		4.06	<0.01	0.07	0.28	7	50	0.11	0.03	32.5	0.13	4.31	1.2	7	0.16	2.8
H246584		5.52	<0.01	0.07	0.24	17	30	0.09	0.03	32.6	0.13	4.07	1.2	7	0.14	4.5

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

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Project: RAU

CERTIFICATE OF ANALYSIS VA08131578

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
H246565		6.28	16.15	0.16	3.6	0.065	0.77	38.1	54.2	7.05	1510	0.12	0.92	41.2	217	1590
H246566		6.95	15.7	0.18	3.3	0.071	1.18	41	67.1	6.57	975	0.11	0.64	44.6	213	1590
H246567		6.18	17.65	0.18	3.5	0.072	0.35	46.9	58.3	7.17	1255	0.12	0.49	43.2	211	1690
H246568		6.9	16.95	0.17	3.4	0.076	0.64	45.2	53.5	7.17	1020	0.31	0.38	45.1	226	1620
H246569		6.15	17.4	0.17	3.2	0.066	0.33	41.9	50	6.46	1180	0.23	0.96	44.8	192	1610
H246570		6.59	19.2	0.18	4.3	0.068	0.54	45.7	56.1	5.92	1375	0.3	1.12	51.7	186	1750
H246571		0.57	0.57	0.06	0.1	0.077	0.04	5.6	1.8	11.6	213	0.08	0.01	0.7	2.5	200
H246572		1.93	5.66	0.07	0.8	0.014	0.53	18.9	12.7	0.63	803	0.38	0.69	24.5	40.4	640
H246573		0.32	0.53	<0.05	0.1	<0.005	0.06	5.5	0.9	0.17	667	0.21	<0.01	1.2	0.7	150
H246574		3.89	11.65	0.11	0.9	0.054	1.73	27.6	21.2	2.1	517	0.36	0.05	25.3	44.2	970
H246575		3.27	8.26	0.09	1.1	0.034	1.45	23	14.4	2.05	428	0.35	0.02	18.8	33.3	700
H246576		3.32	7.63	0.08	0.9	0.037	1.37	22	13.4	2.1	454	0.45	0.02	16.9	32.5	710
H246577		3.14	7.53	0.14	1.9	0.031	2.99	9	48.8	0.17	140	5.78	0.08	6.6	15.3	500
H246578		1.65	2.88	0.05	0.6	0.018	0.74	11.8	5.5	1.34	256	0.22	0.01	7.5	15.8	430
H246579		1.16	2.32	0.05	0.6	0.015	0.45	12.8	6.4	1.45	224	0.19	0.01	6	12.6	280
H246580		1.35	2.34	<0.05	0.6	0.017	0.44	9.5	7	1.93	228	0.25	0.01	5.7	16.2	250
H246581		1.93	4.19	0.07	0.9	0.022	0.81	18.1	11.8	1.87	255	0.32	0.02	9.9	26.2	450
H246582		2	5.85	0.09	1.1	0.02	1.05	21.1	17.9	1.55	289	0.26	0.03	14	31.4	580
H246583		0.33	0.7	<0.05	0.2	0.025	0.11	3.8	1.6	0.25	216	0.05	<0.01	1.8	3.3	100
H246584		0.39	0.61	<0.05	0.2	0.005	0.09	4	1.2	0.25	183	0.24	<0.01	1.3	3.5	110

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Project: RAU

Finalized Date: 27-SEP-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08131578

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
H246565		7.3	30.3	<0.002	0.05	0.43	20.3	1	1.6	290	2.52	<0.05	6.4	0.8	0.11	1.8
H246566		34.9	58.3	<0.002	0.12	0.58	20.2	1	1.9	229	2.68	<0.05	6.7	0.853	0.27	1.7
H246567		4.3	10.5	<0.002	0.02	0.3	21.5	1	1.9	128	2.53	<0.05	7.6	0.804	0.05	1.8
H246568		8.2	29	0.002	0.06	0.3	23.9	2	1.9	121.5	2.59	<0.05	7.8	0.819	0.13	1.8
H246569		4	11.5	0.002	0.08	0.26	19	1	1.6	156.5	2.64	<0.05	7.1	0.841	0.07	1.7
H246570		5.9	25.3	<0.002	0.02	0.24	19.8	1	1.9	130	3.09	<0.05	8.4	0.906	0.13	2.1
H246571		3.6	1.5	<0.002	0.02	0.15	0.7	2	4.9	50.5	0.05	<0.05	0.2	0.012	<0.02	0.6
H246572		9.4	21.8	<0.002	0.29	0.12	4.7	3	0.8	288	1.34	<0.05	2.6	0.258	0.1	0.5
H246573		2.6	2	<0.002	0.06	<0.05	0.6	2	0.2	346	0.07	<0.05	0.2	0.013	<0.02	0.1
H246574		5	62.3	0.002	1.15	0.18	11.1	2	1.2	663	1.59	<0.05	3.5	0.583	0.12	0.6
H246575		3.4	50.7	0.002	0.99	0.1	7.9	2	0.9	757	1.17	0.05	2.9	0.456	0.09	0.8
H246576		5.3	49.1	<0.002	1.13	0.32	7.4	2	0.8	750	1.03	0.06	2.5	0.406	0.09	0.6
H246577		6	110	0.002	2.11	43.5	6.8	17	2.5	73.1	0.44	0.16	1.4	0.289	3.82	0.7
H246578		3.7	21.3	<0.002	0.77	0.4	3.4	2	0.5	738	0.45	<0.05	1.3	0.24	0.07	0.6
H246579		5.6	16.8	<0.002	0.61	0.44	3	3	0.4	823	0.33	<0.05	1	0.145	0.05	0.6
H246580		4.2	17.2	<0.002	0.47	0.22	2.8	3	0.4	755	0.32	<0.05	1	0.139	0.05	0.7
H246581		5.8	30.2	<0.002	0.86	0.35	4.4	3	0.7	649	0.59	<0.05	1.7	0.255	0.09	0.8
H246582		3.9	40.1	0.002	0.87	0.48	6.1	3	0.6	577	0.81	0.05	2.3	0.349	0.34	0.9
H246583		7.4	3.8	<0.002	0.03	0.19	0.9	3	0.4	207	0.09	<0.05	0.3	0.043	<0.02	0.2
H246584		9.1	3.1	<0.002	0.04	0.26	0.8	3	0.2	205	0.07	<0.05	0.2	0.034	<0.02	0.2

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

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: RAU

Finalized Date: 27-SEP-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08131578

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
H246565		139	0.5	16.2	88	118
H246566		169	0.5	16	116	114
H246567		156	1	18.7	100	122.5
H246568		175	0.8	18.3	106	114.5
H246569		159	0.8	18.9	97	115
H246570		166	1	23.5	123	145
H246571		4	0.1	1.6	16	1.5
H246572		33	0.2	11.5	23	37.2
H246573		3	0.1	4.6	4	3.2
H246574		85	0.9	16.1	70	31.9
H246575		72	0.6	12.9	54	38.4
H246576		63	0.5	12.8	29	29.7
H246577		55	9.6	10.6	43	62.8
H246578		35	0.2	9.5	32	21.7
H246579		22	0.3	10.6	25	21.2
H246580		21	0.2	9	25	22.2
H246581		34	0.2	11.5	29	31.4
H246582		51	0.4	13.2	24	38.4
H246583		5	0.2	3.7	11	6.3
H246584		4	0.4	4.2	11	6.1

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

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Project: RAU

CERTIFICATE OF ANALYSIS VA08131578

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

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Finalized Date: 23-SEP-2008
This copy reported on 10-OCT-2008
Account: RCM

CERTIFICATE VA08131487

Project: VA08116464 RAV
P.O. No.:
This report is for 31 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 16-SEP-2008.
The following have access to data associated with this certificate:

AL ARCHER	BILL WENGZYNOWSKI	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA26	Ore Grade Au 50g FA AA finish	AAS

To: **ATAC RESOURCES LTD.**
ATTN: AL ARCHER
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.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Project: VA08116464

Finalized Date: 23-SEP-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08131487

Sample Description	Method / Analyte / Units / LOR	Au-AA26 / Au / ppm / 0.01
H246118		0.09
H246119		0.03
H246120		0.05
H246121		0.01
H246122		0.48
H246123		0.05
H246124		14.30
H246125		0.02
H246126		0.03
H246127		<0.01
H246128		0.04
H246129		<0.01
H246130		0.05
H246131		0.03
H246132		0.02
H246133		0.02
H246134		0.24
H246135		0.09
H246136		0.09
H246137		<0.01
H246138		0.12
H246139		0.12
H246140		14.60
H246141		0.11
H246142		0.07
H246143		<0.01
H246144		<0.01
H246145		<0.01
H246146		0.01
H246147		0.67
H246148		<0.01

Comments: **RE-ANALYSIS DATA FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE VA08116464**

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Finalized Date: 23-SEP-2008
This copy reported on 10-OCT-2008
Account: RCM

CERTIFICATE VA08131486

Project: VA08108755 RAU

P.O. No.:

This report is for 49 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 16-SEP-2008.

The following have access to data associated with this certificate:

AL ARCHER BILL WENGZYNOWSKI	DOUG EATON	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA26	Ore Grade Au 50g FA AA finish	AAS

To: **ATAC RESOURCES LTD.**
ATTN: AL ARCHER
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.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Project: VA08108755

Finalized Date: 23-SEP-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08131486

Sample Description	Method / Analyte / Units / LOR	Au-AA26 Au ppm 0.01
H246039		0.05
H246040		0.03
H246041		0.41
H246042		1.46
H246043		0.05
H246044		<0.01
H246045		<0.01
H246046		14.20
H246047		0.01
H246048		<0.01
H246049		<0.01
H246050		0.01
H246051		0.14
H246052		1.58
H246053		1.51
H246054		0.02
H246055		0.20
H246056		<0.01
H246057		0.29
H246058		0.30
H246059		0.11
H246060		0.20
H246061		0.04
H246062		0.08
H246063		0.06
H246064		0.14
H246065		0.06
H246066		14.90
H246067		0.04
H246068		0.01
H246069		<0.01
H246070		0.03
H246071		0.03
H246072		0.02
H246073		0.32
H246074		14.45
H246075		0.07
H246076		0.01
H246077		0.03
H246078		<0.01

Comments: **RE-ANALYSIS DATA FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE VA08108755**

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Project: VA08108755

Finalized Date: 23-SEP-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08131486

Sample Description	Method Analyte Units LOR	Au-AA26 Au ppm 0.01
H246079		0.01
H246080		0.03
H246081		0.01
H246082		0.04
H246083		<0.01
H246084		0.03
H246085		0.02
H246086		0.02
H246087		0.01

Comments: **RE-ANALYSIS DATA FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE VA08108755**

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Finalized Date: 11-OCT-2008
Account: RCM

CERTIFICATE VA08131174

Project: RAU

P.O. No.:

This report is for 155 Other samples submitted to our lab in Vancouver, BC, Canada on 15-SEP-2008.

The following have access to data associated with this certificate:

AL ARCHER BILL WENGZYNOWSKI	DOUG EATON	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-43	Screen to -500um, discard plus
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Zn-OG46	Ore Grade Zn - Aqua Regia	VARIABLE
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES

To: **ATAC RESOURCES LTD.**
ATTN: AL ARCHER
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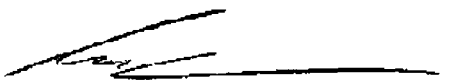
Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Project: RAU

Finalized Date: 11-OCT-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08131174

Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CC02019		0.24	0.005	<0.2	0.87	9	<10	180	<0.5	<2	5.85	<0.5	7	16	18	1.86
CC02020		0.14	0.001	<0.2	0.97	13	<10	230	<0.5	<2	3.62	0.5	9	18	24	2.42
CC02021		0.20	0.002	0.4	0.91	11	<10	250	<0.5	<2	3.94	<0.5	8	19	29	2.25
CC02022		0.20	0.008	0.3	0.67	17	<10	140	<0.5	<2	1.82	<0.5	8	15	21	2.41
CC02023		0.18	0.004	0.3	0.73	18	<10	170	<0.5	<2	1.67	<0.5	9	15	24	2.70
CC02024		0.24	0.003	0.3	0.74	23	<10	200	<0.5	<2	1.58	<0.5	9	15	26	2.75
CC02025		0.18	0.004	0.3	1.11	10	<10	300	<0.5	<2	2.12	0.7	9	22	25	2.78
CC02026		0.22	0.005	0.2	0.86	9	<10	190	<0.5	<2	5.56	<0.5	7	18	22	2.15
CC02027		0.20	0.006	0.2	0.85	9	<10	190	<0.5	<2	4.52	<0.5	9	32	30	2.22
CC02028		0.18	0.003	0.3	0.89	12	<10	180	<0.5	<2	6.33	<0.5	7	19	23	2.04
CC02029		0.24	0.002	0.4	0.93	13	<10	210	<0.5	<2	4.38	0.5	8	19	25	2.26
CC02030		0.16	0.004	<0.2	1.06	11	<10	250	<0.5	<2	2.55	<0.5	8	20	21	2.64
CC02031		0.16	0.002	<0.2	0.90	12	<10	190	<0.5	<2	4.10	<0.5	8	17	22	2.37
CC02032		0.12	0.005	<0.2	1.34	25	<10	190	0.6	<2	0.92	<0.5	12	22	27	3.73
CC02033		0.18	0.006	0.6	1.87	16	<10	430	0.6	<2	1.44	8.1	12	35	30	3.23
CC02034		0.22	0.003	0.3	2.30	15	<10	320	0.8	<2	0.98	2.0	15	63	34	3.88
CC02035		0.18	0.006	0.6	1.84	14	<10	420	0.8	<2	1.50	4.6	12	30	35	3.21
CC02036		0.26	0.004	<0.2	2.05	11	<10	280	0.5	<2	0.44	0.7	9	31	13	3.04
CC02037		0.24	0.002	<0.2	2.04	14	<10	340	0.7	2	0.40	<0.5	10	32	13	3.22
CC02038		0.16	0.005	0.3	1.19	14	<10	460	0.5	<2	2.41	2.0	11	25	29	2.49
CC02039		0.24	0.006	0.2	1.31	50	<10	550	0.6	2	2.03	11.0	9	25	59	4.69
CC02040		0.28	0.004	0.3	1.58	13	<10	460	0.6	<2	2.57	1.3	13	40	45	3.07
CC02041		0.16	0.004	<0.2	1.70	13	<10	440	0.5	<2	2.13	<0.5	13	47	25	3.07
CC02042		0.18	0.003	0.2	1.96	14	<10	480	0.6	<2	2.15	0.6	15	61	29	3.52
CC02043		0.18	0.005	<0.2	1.58	12	<10	440	0.5	<2	1.89	<0.5	12	44	20	2.97
CC02044		0.16	0.001	<0.2	2.36	16	<10	230	0.8	<2	1.32	2.4	9	33	10	3.03
CC02045		0.28	<0.001	<0.2	2.59	12	<10	470	0.9	<2	0.26	<0.5	9	39	9	3.25
CC02046		0.24	0.001	<0.2	2.19	13	<10	280	1.0	<2	0.61	<0.5	11	34	27	3.65
CC02047		0.14	0.003	<0.2	1.49	12	<10	440	0.5	2	1.97	<0.5	13	41	26	2.86
CC02048		0.34	0.002	0.7	1.31	17	<10	210	0.5	<2	7.05	0.9	9	21	39	2.59
CC02049		0.22	0.009	0.4	0.46	26	<10	140	<0.5	2	13.60	0.6	4	10	15	1.16
CC02050		0.16	0.009	0.3	0.54	23	<10	160	<0.5	<2	11.80	0.7	5	11	15	1.31
CC02051		0.20	0.005	0.2	0.61	21	<10	180	<0.5	<2	10.50	0.5	6	13	13	1.55
CC02052		0.34	0.005	<0.2	0.40	19	<10	110	<0.5	<2	12.60	0.5	3	8	8	0.97
CC02053		0.30	0.004	0.2	0.49	23	<10	140	<0.5	2	12.35	<0.5	4	10	11	1.17
CC02054		0.18	0.008	7.6	0.30	14	<10	40	<0.5	20	0.22	<0.5	<1	8	240	34.8
CC02055		0.22	0.008	0.4	2.29	23	<10	100	1.3	16	0.34	<0.5	10	31	258	5.07
CC02056		0.24	0.010	0.9	2.04	49	<10	140	1.5	4	0.23	<0.5	22	28	143	6.47
CC02057		0.24	0.020	<0.2	1.63	19	<10	170	2.6	2	0.13	<0.5	33	24	58	3.83
CC02058		0.38	0.003	<0.2	0.93	17	<10	270	<0.5	2	0.28	<0.5	6	21	46	5.28

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VANCOUVER BC V6B 1L8

Project: RAU

Finalized Date: 11-OCT-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08131174

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC02019		<10	<1	0.08	10	3.45	499	1	0.01	19	730	23	0.01	<2	2	51
CC02020		<10	<1	0.10	10	2.04	481	1	0.01	22	820	39	0.04	2	3	46
CC02021		<10	<1	0.07	10	2.21	512	1	0.02	24	780	28	0.06	<2	3	50
CC02022		<10	<1	0.06	20	1.12	268	1	0.01	21	780	22	0.03	<2	2	29
CC02023		<10	<1	0.07	10	0.95	389	1	0.01	23	860	27	0.04	<2	3	30
CC02024		<10	1	0.07	10	0.84	424	1	0.01	23	860	33	0.05	<2	3	31
CC02025		<10	<1	0.09	10	1.31	548	1	0.01	24	860	31	0.04	<2	3	34
CC02026		<10	<1	0.07	10	3.30	507	1	0.01	23	740	22	0.03	<2	2	51
CC02027		<10	<1	0.07	10	2.68	468	1	0.01	27	750	23	0.03	<2	3	44
CC02028		<10	<1	0.08	10	3.70	576	1	0.01	23	720	27	0.02	<2	3	52
CC02029		<10	1	0.07	10	2.59	542	1	0.01	24	760	24	0.03	<2	3	43
CC02030		<10	<1	0.10	10	1.62	454	1	0.01	23	900	25	0.01	<2	3	38
CC02031		<10	<1	0.07	10	2.15	566	1	0.01	25	830	26	0.01	<2	3	52
CC02032		<10	<1	0.11	20	0.65	806	1	<0.01	27	900	29	0.03	<2	4	21
CC02033		10	<1	0.08	10	0.86	753	1	0.01	34	730	82	0.04	2	4	25
CC02034		10	1	0.10	20	1.47	642	1	<0.01	47	570	37	0.02	<2	6	20
CC02035		<10	<1	0.08	10	0.67	986	1	0.01	28	700	61	0.05	<2	3	26
CC02036		10	<1	0.07	10	0.60	511	1	<0.01	23	210	22	<0.01	<2	4	15
CC02037		10	<1	0.08	20	0.64	557	1	<0.01	28	200	33	<0.01	<2	4	14
CC02038		<10	1	0.09	10	0.76	766	1	<0.01	27	950	45	0.11	2	2	33
CC02039		10	1	0.11	10	0.73	743	3	0.01	40	880	42	0.08	5	3	30
CC02040		10	<1	0.12	10	1.33	484	1	0.01	43	900	47	0.10	<2	4	35
CC02041		10	<1	0.11	10	1.28	608	1	0.01	39	950	30	0.11	<2	4	33
CC02042		10	<1	0.10	10	1.60	658	<1	0.01	48	830	33	0.09	<2	5	33
CC02043		<10	<1	0.09	10	1.13	616	<1	0.01	34	790	32	0.09	<2	4	30
CC02044		10	<1	0.05	10	0.96	903	<1	<0.01	22	420	30	0.02	<2	4	14
CC02045		10	1	0.03	20	0.67	237	<1	0.01	24	180	19	0.01	<2	5	11
CC02046		10	<1	0.07	20	0.72	1090	1	0.01	34	370	32	0.01	<2	6	16
CC02047		<10	1	0.09	10	1.06	819	1	0.01	38	810	28	0.08	<2	3	29
CC02048		<10	<1	0.13	10	4.14	796	1	0.01	30	770	107	0.02	3	4	59
CC02049		<10	1	0.04	10	8.89	528	1	0.01	19	610	68	0.02	<2	1	64
CC02050		<10	<1	0.05	10	7.68	532	1	0.02	21	690	63	0.02	<2	2	56
CC02051		<10	1	0.07	10	6.84	518	1	0.01	21	680	42	0.02	<2	2	51
CC02052		<10	<1	0.05	10	8.41	432	<1	0.01	14	540	46	0.01	<2	1	48
CC02053		<10	1	0.05	10	8.13	469	1	0.02	17	620	46	0.02	<2	1	50
CC02054		<10	<1	0.08	<10	0.15	23	5	<0.01	3	1910	<2	2.63	<2	1	9
CC02055		<10	<1	0.11	20	0.45	261	7	<0.01	53	2150	17	0.21	<2	2	28
CC02056		<10	<1	0.12	10	0.37	408	2	<0.01	80	1730	20	0.52	2	4	30
CC02057		<10	<1	0.18	10	0.39	491	1	<0.01	108	1060	13	0.14	<2	2	22
CC02058		<10	<1	0.10	10	0.36	185	1	0.01	30	1060	14	0.38	<2	2	27

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: RAU

Finalized Date: 11-OCT-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08131174

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Zn-OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	0.01
CC02019		<20	0.04	<10	<10	32	<10	90	
CC02020		<20	0.03	<10	<10	32	<10	102	
CC02021		<20	0.03	<10	<10	32	<10	97	
CC02022		<20	0.03	<10	<10	25	<10	80	
CC02023		<20	0.02	<10	<10	26	<10	94	
CC02024		<20	0.02	<10	<10	25	<10	103	
CC02025		<20	0.03	<10	<10	37	<10	129	
CC02026		<20	0.04	<10	<10	35	<10	90	
CC02027		<20	0.04	<10	<10	35	<10	93	
CC02028		<20	0.04	<10	<10	35	<10	89	
CC02029		<20	0.03	<10	<10	34	<10	99	
CC02030		<20	0.04	<10	<10	37	<10	111	
CC02031		<20	0.04	<10	<10	32	<10	88	
CC02032		<20	0.03	<10	<10	39	<10	139	
CC02033		<20	0.03	<10	<10	63	10	3680	
CC02034		<20	0.05	<10	<10	82	<10	480	
CC02035		<20	0.03	<10	<10	60	<10	692	
CC02036		<20	0.04	<10	<10	69	<10	305	
CC02037		<20	0.03	<10	<10	68	<10	282	
CC02038		<20	0.02	<10	<10	41	<10	661	
CC02039		<20	0.02	<10	<10	49	20	4860	
CC02040		<20	0.04	<10	<10	57	<10	678	
CC02041		<20	0.04	<10	<10	59	<10	223	
CC02042		<20	0.06	<10	<10	72	<10	247	
CC02043		<20	0.04	<10	<10	56	<10	153	
CC02044		<20	0.04	<10	<10	71	<10	513	
CC02045		<20	0.04	<10	<10	86	<10	117	
CC02046		<20	0.03	<10	<10	72	<10	140	
CC02047		<20	0.04	<10	<10	55	<10	186	
CC02048		<20	0.03	<10	<10	47	<10	267	
CC02049		<20	0.01	<10	10	24	<10	226	
CC02050		<20	0.02	<10	<10	25	<10	222	
CC02051		<20	0.02	<10	<10	23	<10	170	
CC02052		<20	0.02	<10	<10	19	<10	141	
CC02053		<20	0.02	<10	10	21	<10	166	
CC02054		<20	0.01	10	<10	26	30	18	
CC02055		<20	0.03	<10	<10	61	50	72	
CC02056		<20	0.04	<10	<10	48	10	147	
CC02057		<20	0.04	<10	<10	44	<10	110	
CC02058		<20	0.04	<10	<10	37	<10	86	

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CERTIFICATE OF ANALYSIS VA08131174

Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CC02059		0.32	0.003	<0.2	0.93	18	<10	260	<0.5	<2	0.25	<0.5	6	20	45	6.88
CC02060		0.22	0.006	0.3	1.17	13	<10	120	0.8	4	0.17	<0.5	7	19	70	9.18
CC02061		0.26	0.004	0.2	1.01	15	<10	240	0.5	2	0.25	<0.5	6	21	49	6.68
CC02062		0.16	0.005	<0.2	1.60	17	<10	150	1.2	3	0.19	<0.5	11	26	114	5.24
CC02063		0.22	0.003	0.2	1.92	32	<10	190	1.2	3	0.21	<0.5	10	36	43	4.59
CC02064		0.36	0.003	0.2	0.92	13	<10	260	<0.5	<2	3.48	<0.5	9	17	20	2.16
CC02065		0.40	0.002	<0.2	0.94	10	<10	310	<0.5	2	3.79	<0.5	8	17	21	2.10
CC02066		0.42	0.003	<0.2	0.88	9	<10	280	<0.5	<2	3.83	<0.5	7	16	19	2.02
CC02067		0.34	0.004	0.3	0.89	20	<10	340	<0.5	<2	3.74	1.5	7	19	24	2.32
CC02068		0.30	0.005	0.3	0.95	16	<10	250	<0.5	<2	3.75	1.0	7	16	21	2.15
CC02069		0.30	0.004	0.2	0.89	17	<10	240	<0.5	<2	4.85	1.0	12	14	22	2.78
CC02070		0.46	0.003	0.2	0.91	21	<10	220	<0.5	<2	6.31	0.6	11	14	20	2.64
CC02071		0.32	0.003	0.3	0.94	18	<10	240	<0.5	<2	6.11	0.8	11	14	24	2.83
CC02072		0.24	0.002	0.2	0.97	48	<10	220	<0.5	<2	6.14	1.0	11	15	24	3.72
CC02073		0.36	0.002	<0.2	0.93	40	<10	180	<0.5	<2	6.34	0.8	11	14	20	3.40
CC02074		0.38	0.002	<0.2	1.01	12	<10	160	<0.5	3	6.42	0.6	7	16	20	2.18
CC02075		0.36	0.002	<0.2	0.90	33	<10	180	<0.5	<2	6.56	0.8	10	14	18	3.14
CC43108		0.22	0.002	<0.2	0.69	12	<10	250	<0.5	<2	8.15	<0.5	4	14	12	1.54
CC43109		0.16	0.006	<0.2	1.21	11	<10	270	<0.5	<2	2.67	<0.5	8	23	16	2.44
CC43110		0.16	0.004	<0.2	1.07	10	<10	340	<0.5	<2	4.17	<0.5	9	21	20	2.62
CC43111		0.24	0.002	<0.2	0.97	13	<10	460	<0.5	<2	9.24	0.5	5	18	17	1.82
CC43112		0.16	0.010	<0.2	1.23	13	<10	540	0.5	<2	4.99	<0.5	7	22	19	2.17
CC43113		0.26	0.003	<0.2	0.71	10	<10	250	<0.5	<2	13.50	<0.5	4	12	13	1.23
CC43114		0.12	0.005	0.2	1.46	15	<10	640	0.6	<2	1.98	0.7	9	27	19	2.84
CC43115		0.12	0.006	<0.2	1.37	11	<10	540	0.5	2	1.91	0.6	9	29	16	2.46
CC44051		0.36	0.002	<0.2	0.92	14	<10	310	<0.5	<2	5.07	0.9	7	17	18	2.27
CC44052		0.34	0.003	0.3	0.99	14	<10	310	<0.5	<2	4.78	1.0	8	17	23	2.30
CC44053		0.30	0.004	0.4	0.96	14	<10	260	<0.5	<2	4.56	0.9	8	17	19	2.43
CC44054		0.30	0.005	<0.2	0.98	15	<10	230	<0.5	<2	3.79	0.7	8	16	16	2.40
CC44055		0.36	0.001	<0.2	0.96	14	<10	270	<0.5	<2	4.33	0.8	9	23	23	2.42
CC44056		0.30	0.002	<0.2	0.97	13	<10	250	<0.5	<2	4.00	0.8	7	17	18	2.31
CC44057		0.30	0.002	0.2	0.99	15	<10	270	<0.5	<2	3.97	0.8	8	17	17	2.36
CC44058		0.32	0.003	0.2	0.93	13	<10	290	<0.5	<2	3.98	0.7	8	16	16	2.32
CC44059		0.26	0.002	<0.2	0.92	13	<10	230	<0.5	2	4.07	0.7	7	16	15	2.26
CC44060		0.22	0.003	0.2	0.97	17	<10	300	0.5	<2	4.08	1.3	11	18	39	2.47
CC44061		0.22	0.003	<0.2	1.38	22	<10	210	0.5	<2	5.21	0.6	17	23	24	4.20
CC44062		0.20	0.002	<0.2	0.77	17	<10	120	<0.5	<2	19.5	<0.5	12	13	14	2.99
CC44063		0.20	0.001	<0.2	0.44	11	<10	40	<0.5	<2	22.9	<0.5	9	10	9	2.00
CC44064		0.22	0.001	0.2	0.90	14	<10	110	<0.5	<2	20.1	<0.5	9	21	16	2.11
CC44065		0.30	0.001	<0.2	0.28	22	<10	20	<0.5	<2	21.3	<0.5	13	5	13	3.14

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Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC02059		<10	<1	0.10	10	0.34	182	1	0.01	28	990	10	0.58	<2	2	26
CC02060		<10	<1	0.11	10	0.35	173	2	<0.01	46	1380	14	0.70	<2	2	31
CC02061		<10	<1	0.10	10	0.35	152	1	0.01	32	1060	12	0.53	<2	3	28
CC02062		<10	<1	0.16	20	0.37	181	2	0.01	54	1840	16	0.22	<2	1	43
CC02063		10	<1	0.12	10	0.46	251	2	0.01	43	1470	16	0.10	<2	2	39
CC02064		<10	<1	0.09	10	1.58	581	1	0.01	27	870	18	0.10	<2	3	68
CC02065		<10	<1	0.10	10	1.68	512	1	0.02	26	850	16	0.11	<2	3	71
CC02066		<10	<1	0.08	10	1.68	508	1	0.02	23	920	14	0.11	<2	3	70
CC02067		<10	<1	0.09	10	1.52	388	3	0.01	30	1390	23	0.04	3	2	94
CC02068		<10	<1	0.11	10	1.73	419	2	0.01	26	950	27	0.04	<2	2	51
CC02069		<10	<1	0.11	10	2.06	824	2	0.01	36	970	33	0.04	<2	2	68
CC02070		<10	<1	0.12	10	2.85	779	3	0.01	37	1130	37	0.04	<2	2	78
CC02071		<10	<1	0.12	10	2.67	819	3	0.01	46	1150	35	0.04	2	2	75
CC02072		<10	<1	0.14	10	2.60	802	3	0.01	58	1000	30	0.06	<2	2	72
CC02073		<10	1	0.11	10	2.93	812	3	0.01	49	1000	28	0.04	2	2	77
CC02074		<10	<1	0.14	10	3.19	699	1	0.01	25	830	27	0.05	<2	2	60
CC02075		<10	<1	0.12	10	3.02	761	2	0.01	45	1000	24	0.03	2	2	78
CC43108		<10	1	0.06	10	5.44	362	<1	0.02	18	770	20	0.01	<2	2	82
CC43109		<10	<1	0.09	10	1.66	587	<1	0.01	24	870	32	0.03	<2	3	34
CC43110		<10	<1	0.09	10	2.64	493	1	0.01	26	850	23	0.03	<2	3	41
CC43111		<10	1	0.07	10	6.17	428	1	0.02	21	790	37	0.03	<2	2	85
CC43112		<10	<1	0.07	10	2.73	520	1	0.02	23	1000	31	0.07	<2	2	61
CC43113		<10	<1	0.09	10	8.82	326	<1	0.02	16	580	25	0.01	<2	2	146
CC43114		<10	<1	0.10	10	0.92	697	1	0.02	26	940	49	0.06	2	2	30
CC43115		<10	<1	0.07	10	0.84	578	<1	0.01	25	1170	32	0.07	<2	2	28
CC44051		<10	<1	0.07	10	2.28	466	2	0.02	27	1110	22	0.04	<2	2	82
CC44052		<10	<1	0.09	10	2.13	545	2	0.02	29	1060	25	0.04	<2	2	79
CC44053		<10	<1	0.08	10	2.31	529	2	0.01	28	1100	27	0.03	<2	2	63
CC44054		<10	<1	0.09	10	2.01	566	2	<0.01	27	1030	24	0.02	<2	2	51
CC44055		<10	1	0.08	10	2.18	573	2	0.01	30	1090	26	0.03	<2	2	58
CC44056		<10	1	0.10	10	2.06	556	2	0.01	27	1050	25	0.03	<2	2	57
CC44057		<10	<1	0.10	10	2.05	545	2	0.01	27	1090	27	0.03	<2	2	57
CC44058		<10	<1	0.08	10	2.09	522	2	0.01	26	1120	23	0.03	<2	2	54
CC44059		<10	<1	0.09	10	2.16	503	2	0.01	26	1080	24	0.02	<2	2	55
CC44060		<10	<1	0.09	10	1.84	706	3	0.03	40	1020	37	0.07	3	2	59
CC44061		<10	<1	0.14	20	1.20	1060	2	0.03	50	1060	23	0.13	3	2	87
CC44062		<10	<1	0.19	10	2.37	536	1	0.02	37	720	10	<0.01	<2	3	681
CC44063		<10	<1	0.12	10	0.78	248	1	0.02	31	880	10	<0.01	<2	2	568
CC44064		<10	1	0.09	10	0.77	521	1	0.02	30	760	17	<0.01	<2	1	185
CC44065		<10	<1	0.10	10	1.09	494	1	0.01	36	1060	13	<0.01	<2	2	363

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VANCOUVER BC V6B 1L8

Project: RAU

Finalized Date: 11-OCT-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08131174

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Zn-OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	0.01
CC02059		<20	0.04	<10	<10	36	<10	79	
CC02060		<20	0.02	<10	<10	36	<10	72	
CC02061		<20	0.04	<10	<10	36	<10	83	
CC02062		<20	0.02	<10	<10	43	<10	58	
CC02063		<20	0.04	<10	<10	68	<10	89	
CC02064		<20	0.03	<10	<10	29	<10	99	
CC02065		<20	0.04	<10	<10	31	<10	96	
CC02066		<20	0.04	<10	<10	29	<10	89	
CC02067		<20	0.02	<10	<10	42	<10	119	
CC02068		<20	0.02	<10	<10	26	<10	128	
CC02069		<20	0.01	<10	<10	26	<10	153	
CC02070		<20	0.01	<10	<10	25	<10	202	
CC02071		<20	0.01	<10	<10	26	<10	242	
CC02072		<20	0.01	<10	<10	25	<10	306	
CC02073		<20	0.01	<10	<10	25	<10	290	
CC02074		<20	0.02	<10	<10	30	<10	127	
CC02075		<20	0.01	<10	<10	26	<10	265	
CC43108		<20	0.03	<10	<10	28	<10	76	
CC43109		<20	0.04	<10	<10	47	<10	109	
CC43110		<20	0.04	<10	<10	43	<10	133	
CC43111		<20	0.03	<10	<10	33	<10	162	
CC43112		<20	0.02	<10	<10	41	<10	157	
CC43113		<20	0.02	<10	<10	25	<10	67	
CC43114		<20	0.03	<10	<10	51	<10	199	
CC43115		<20	0.03	<10	<10	45	<10	222	
CC44051		<20	0.02	<10	<10	27	<10	119	
CC44052		<20	0.02	<10	<10	29	<10	120	
CC44053		<20	0.01	<10	<10	27	<10	125	
CC44054		<20	0.01	<10	<10	27	<10	131	
CC44055		<20	0.02	<10	<10	29	<10	133	
CC44056		<20	0.01	<10	<10	28	<10	129	
CC44057		<20	0.01	<10	<10	28	<10	128	
CC44058		<20	0.01	<10	<10	27	<10	129	
CC44059		<20	0.01	<10	<10	27	<10	124	
CC44060		<20	0.01	<10	<10	29	<10	170	
CC44061		<20	0.02	<10	<10	36	<10	203	
CC44062		<20	0.01	<10	10	14	<10	116	
CC44063		<20	0.01	<10	10	8	<10	75	
CC44064		<20	0.02	<10	10	20	<10	161	
CC44065		<20	<0.01	<10	10	5	<10	86	

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

Project: RAU

Finalized Date: 11-OCT-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08131174

Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CC44066		0.24	0.003	0.5	0.56	25	<10	210	<0.5	<2	11.45	0.7	19	15	25	4.41
CC44067		0.20	0.010	1.5	0.56	143	<10	1300	0.5	5	8.27	5.8	30	19	52	6.16
CC44068		0.18	0.002	<0.2	2.27	12	<10	390	0.5	<2	1.93	2.8	19	77	24	3.92
CC44069		0.20	0.010	5.2	0.91	70	<10	1130	0.6	<2	5.41	16.7	24	29	50	4.83
CC44070		0.16	0.008	1.0	1.22	72	<10	1310	0.6	4	3.94	6.2	21	32	36	5.29
CC44071		0.16	0.002	0.3	1.02	28	<10	1250	0.6	<2	5.60	1.9	19	22	24	4.75
CC44072		0.24	0.001	<0.2	0.93	16	<10	110	<0.5	<2	14.9	<0.5	15	25	19	3.82
CC44073		0.24	0.001	<0.2	0.51	7	<10	60	<0.5	<2	23.9	<0.5	11	12	13	2.77
CC44074		0.22	0.001	<0.2	0.71	16	<10	60	<0.5	<2	19.0	<0.5	12	14	10	3.04
CC44075		0.22	0.001	<0.2	0.61	7	<10	90	<0.5	<2	19.4	<0.5	11	9	10	2.83
CC44076		0.24	0.001	<0.2	0.58	14	<10	90	<0.5	<2	20.6	<0.5	13	10	12	2.60
CC44077		0.26	0.002	0.8	0.75	14	<10	930	<0.5	<2	12.90	9.5	11	11	13	4.10
CC44078		0.18	0.001	<0.2	0.89	13	<10	100	<0.5	<2	13.50	<0.5	12	15	12	3.10
CC44079		0.16	0.001	<0.2	1.10	12	<10	100	<0.5	<2	13.05	<0.5	13	26	16	3.28
CC44080		0.22	0.001	<0.2	1.04	8	<10	130	<0.5	<2	17.0	<0.5	14	30	20	3.49
CC44081		0.16	0.002	<0.2	1.34	23	<10	160	<0.5	<2	6.36	0.8	19	43	22	4.63
CC44082		0.24	0.003	0.2	0.58	23	<10	780	<0.5	<2	11.55	0.9	18	12	20	4.16
CC44083		0.24	0.012	1.5	0.63	99	<10	2370	0.5	3	6.71	6.2	32	20	61	6.29
CC44084		0.18	0.006	0.9	1.64	32	<10	1270	0.7	<2	2.12	4.5	22	54	36	5.45
CC44085		0.18	0.002	0.6	1.20	23	<10	810	0.5	<2	8.99	4.2	18	38	26	4.29
CC44086		0.24	0.012	2.2	0.95	119	<10	450	0.5	6	2.65	5.0	24	28	32	6.00
CC44087		0.24	0.008	0.3	0.73	38	<10	200	<0.5	<2	8.69	1.0	17	20	19	4.26
CC44088		0.20	0.002	<0.2	0.76	22	<10	200	<0.5	<2	11.10	0.7	16	23	17	3.97
CC44089		0.28	0.004	<0.2	1.53	9	<10	150	<0.5	<2	10.80	<0.5	20	47	25	4.17
CC44090		0.16	<0.001	<0.2	1.33	10	<10	130	0.5	<2	3.05	0.6	17	35	20	4.02
CC44091		0.20	0.001	0.8	1.27	30	<10	290	0.6	<2	1.99	7.3	22	24	33	5.63
CC44092		0.20	0.006	0.9	0.56	21	<10	1050	<0.5	3	11.10	24.9	11	6	19	5.88
CC44093		0.26	0.006	0.5	1.19	40	<10	220	<0.5	6	8.98	2.1	23	31	39	4.97
CC44094		0.18	0.012	1.6	1.19	63	<10	630	0.5	218	7.30	6.2	18	20	31	5.75
CC44095		0.26	0.001	<0.2	1.81	12	<10	130	<0.5	<2	9.33	<0.5	19	60	25	4.26
CC44096		0.30	0.002	<0.2	2.19	14	<10	200	0.6	2	1.95	0.5	21	72	42	4.88
CC44097		0.24	0.005	0.6	0.80	61	<10	480	<0.5	10	12.35	0.6	14	22	18	3.65
CC44098		0.16	0.015	1.3	0.56	132	<10	160	<0.5	19	9.26	1.3	17	16	19	5.02
CC44099		0.24	0.088	5.0	0.56	302	<10	1380	<0.5	13	5.56	12.3	19	15	30	5.75
CC44100		0.26	0.004	1.3	0.70	35	<10	400	<0.5	2	12.90	1.9	14	21	22	3.55
CC44101		0.20	0.017	6.2	0.94	175	<10	1300	0.5	15	3.30	30.4	16	22	26	6.80
CC44102		0.22	0.045	10.3	0.58	489	<10	1900	<0.5	36	4.52	36.1	19	24	34	8.90
CC44103		0.30	0.005	0.8	1.00	51	<10	300	<0.5	4	2.11	2.7	17	34	23	4.60
CC44104		0.22	0.002	0.2	1.73	30	<10	320	0.6	4	1.04	0.7	16	45	18	4.84
CC44105		0.28	0.002	<0.2	1.79	16	<10	230	0.5	<2	1.60	0.8	19	54	34	4.91

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CERTIFICATE OF ANALYSIS VA08131174

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC44066		<10	<1	0.17	10	1.84	489	1	0.02	58	1380	53	0.05	3	3	224
CC44067		<10	<1	0.15	10	2.97	1290	2	0.05	121	1130	178	0.33	2	3	112
CC44068		10	<1	0.13	10	1.45	769	1	0.03	74	840	91	0.07	<2	4	51
CC44069		10	<1	0.17	10	2.46	1710	2	0.05	88	1440	2570	0.29	10	4	80
CC44070		<10	<1	0.17	20	1.29	1625	1	0.05	78	1170	214	0.12	3	3	59
CC44071		<10	<1	0.22	20	0.60	798	1	0.05	57	1770	87	0.11	<2	2	97
CC44072		<10	<1	0.13	20	1.10	529	1	0.02	47	1170	20	0.05	<2	3	297
CC44073		<10	1	0.12	10	0.87	363	1	0.02	38	750	9	<0.01	<2	3	754
CC44074		<10	1	0.15	10	1.05	392	1	0.02	34	1010	13	<0.01	<2	3	513
CC44075		<10	<1	0.21	10	0.91	380	1	0.02	32	820	8	<0.01	<2	2	743
CC44076		<10	<1	0.15	10	1.13	344	1	0.02	47	660	10	<0.01	<2	2	557
CC44077		10	<1	0.14	20	1.05	7550	1	0.04	38	1150	152	0.12	<2	2	281
CC44078		<10	1	0.15	20	0.95	493	1	0.02	41	1040	15	0.08	<2	2	406
CC44079		<10	<1	0.18	10	1.01	600	1	0.02	42	1020	19	0.08	<2	3	291
CC44080		<10	<1	0.11	10	0.94	456	1	0.02	51	950	12	<0.01	<2	3	481
CC44081		<10	1	0.21	20	1.00	734	1	0.02	63	1740	20	0.10	<2	3	171
CC44082		<10	<1	0.11	10	1.21	611	1	0.04	52	1310	46	0.08	<2	3	212
CC44083		<10	<1	0.16	10	2.08	1725	2	0.07	134	1470	307	0.15	5	3	112
CC44084		10	1	0.15	20	1.43	1375	1	0.05	91	1270	451	0.08	3	3	41
CC44085		<10	<1	0.16	20	1.25	1160	1	0.04	64	1460	197	0.10	<2	3	222
CC44086		<10	<1	0.13	20	1.08	1215	1	0.03	91	1430	299	0.05	3	4	42
CC44087		<10	<1	0.12	20	3.81	855	1	0.02	56	1200	76	0.05	<2	3	124
CC44088		<10	<1	0.14	10	1.16	561	1	0.02	52	1180	34	0.07	<2	3	232
CC44089		<10	<1	0.13	20	1.17	624	1	0.02	66	1050	16	0.05	<2	4	311
CC44090		<10	1	0.17	20	0.70	700	1	0.02	53	1490	17	0.12	<2	3	69
CC44091		<10	<1	0.14	40	0.64	1395	1	0.02	55	3920	301	0.14	2	4	34
CC44092		10	<1	0.08	20	3.21	21000	2	0.05	40	1770	263	0.09	<2	2	199
CC44093		<10	1	0.14	10	1.31	1110	1	0.03	71	2080	127	0.08	2	3	146
CC44094		10	<1	0.11	20	3.36	5200	2	0.04	54	1860	145	0.08	6	3	96
CC44095		<10	1	0.20	20	1.62	727	1	0.02	69	1210	15	0.06	<2	5	295
CC44096		10	<1	0.12	20	1.62	887	<1	0.01	84	770	26	0.06	3	5	45
CC44097		<10	<1	0.11	10	1.37	511	1	0.01	47	1130	33	0.05	<2	3	298
CC44098		<10	<1	0.10	10	3.47	793	1	0.01	51	1260	95	0.05	<2	3	120
CC44099		<10	<1	0.10	10	0.54	2350	1	0.01	58	1310	711	0.12	2	3	84
CC44100		<10	<1	0.10	20	0.75	602	1	0.01	48	1090	115	0.05	<2	3	394
CC44101		<10	<1	0.10	20	0.90	4100	1	0.01	58	1450	631	0.12	3	4	65
CC44102		<10	1	0.08	10	0.79	11200	1	0.02	62	1260	2440	0.14	6	5	85
CC44103		<10	<1	0.10	20	1.21	816	<1	<0.01	58	830	144	0.05	2	4	29
CC44104		<10	<1	0.09	30	0.70	677	<1	<0.01	53	1100	54	0.06	2	3	25
CC44105		10	<1	0.12	20	1.00	831	<1	<0.01	67	1390	31	0.08	<2	3	38

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CERTIFICATE OF ANALYSIS VA08131174

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Zn-OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	0.01
CC44066		<20	0.01	<10	<10	12	<10	560	
CC44067		<20	0.01	<10	<10	13	<10	2310	
CC44068		<20	0.14	<10	<10	50	<10	844	
CC44069		<20	0.04	<10	<10	22	10	6060	
CC44070		<20	0.02	<10	<10	26	<10	2060	
CC44071		<20	0.01	<10	<10	20	<10	613	
CC44072		<20	0.03	<10	<10	18	<10	163	
CC44073		<20	0.02	<10	10	9	<10	79	
CC44074		<20	0.01	<10	10	13	<10	95	
CC44075		<20	0.01	<10	10	11	<10	72	
CC44076		<20	0.01	<10	10	9	<10	175	
CC44077		<20	0.01	<10	<10	15	<10	3010	
CC44078		<20	0.01	<10	<10	17	<10	171	
CC44079		<20	0.03	<10	10	21	<10	174	
CC44080		<20	0.05	<10	10	19	<10	90	
CC44081		<20	0.03	<10	<10	28	<10	210	
CC44082		<20	0.01	<10	<10	11	<10	473	
CC44083		<20	0.02	<10	<10	16	<10	2740	
CC44084		<20	0.04	<10	<10	33	<10	2010	
CC44085		<20	0.02	<10	<10	25	<10	1220	
CC44086		<20	0.03	<10	<10	22	<10	2150	
CC44087		<20	0.02	<10	<10	18	<10	510	
CC44088		<20	0.02	<10	<10	16	<10	347	
CC44089		<20	0.08	<10	<10	28	<10	117	
CC44090		<20	0.03	<10	<10	25	<10	141	
CC44091		<20	0.02	<10	<10	34	<10	1605	
CC44092		<20	0.01	<10	10	19	20	5700	
CC44093		<20	0.04	<10	<10	30	<10	828	
CC44094		<20	0.02	<10	<10	41	<10	1940	
CC44095		<20	0.10	<10	<10	35	<10	159	
CC44096		<20	0.17	<10	<10	48	<10	201	
CC44097		<20	0.04	<10	<10	17	<10	199	
CC44098		<20	0.02	<10	<10	14	<10	741	
CC44099		<20	0.02	<10	<10	13	10	3860	
CC44100		<20	0.03	<10	<10	13	<10	1085	
CC44101		<20	0.02	<10	<10	20	10	6630	
CC44102		<20	0.03	<10	<10	17	30	>10000	1.27
CC44103		<20	0.05	<10	<10	28	<10	1025	
CC44104		<20	0.04	<10	<10	38	<10	313	
CC44105		<20	0.05	<10	<10	36	<10	275	

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CERTIFICATE OF ANALYSIS VA08131174

Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CC44106		0.28	0.001	<0.2	2.50	13	<10	150	0.6	<2	1.66	<0.5	22	93	32	5.41
CC44107		0.26	0.004	0.6	1.42	26	<10	190	<0.5	<2	6.74	1.2	22	43	35	5.41
CC44108		0.26	0.006	2.3	0.81	24	<10	1490	0.5	19	6.13	21.6	11	15	25	6.92
CC44109		0.20	0.015	1.2	1.93	20	<10	460	0.6	7	3.09	5.8	19	53	29	5.77
CC44110		0.24	0.003	0.3	2.24	22	<10	140	0.5	3	5.64	0.6	20	72	37	4.77
CC44111		0.26	0.003	0.2	2.31	32	<10	370	0.7	2	1.10	<0.5	21	68	41	5.20
CC44112		0.26	0.022	0.3	1.67	92	<10	270	<0.5	10	5.53	0.7	19	54	42	4.62
CC44113		0.30	0.007	0.5	1.57	58	<10	260	0.5	6	2.70	0.5	16	38	26	4.81
CC44114		0.26	0.004	0.9	1.80	37	<10	590	0.5	3	3.87	2.3	20	69	28	4.83
CC44115		0.24	0.007	1.1	0.92	71	<10	240	<0.5	4	5.49	2.3	13	27	22	4.31
CC44116		0.28	0.004	1.1	1.59	21	<10	310	0.6	4	0.96	8.1	18	61	21	5.08
CC44117		0.24	0.005	1.0	1.57	26	<10	730	0.5	3	0.65	6.5	22	60	42	5.94
CC44118		0.24	0.004	1.1	1.42	47	<10	1970	0.5	5	3.26	6.4	15	44	26	4.02
CC44119		0.24	0.003	0.5	1.46	33	<10	520	0.5	2	1.24	1.4	16	36	28	4.14
CC44120		0.26	0.008	0.4	1.70	57	<10	330	0.5	3	1.51	0.9	22	40	29	5.17
CC44121		0.24	0.009	0.2	1.81	52	<10	410	0.6	3	1.12	<0.5	18	46	26	5.08
CC44122		0.20	0.002	0.4	1.91	51	<10	720	0.6	2	1.33	1.0	19	55	39	4.83
CC44123		0.22	0.011	0.2	1.68	24	<10	1020	0.5	3	5.69	1.9	19	61	35	3.86
CC44124		0.18	0.006	1.8	1.55	23	<10	870	0.8	8	1.89	19.0	19	35	35	6.01
CC44135		0.28	0.006	<0.2	1.39	14	<10	350	0.5	<2	2.13	1.5	17	51	45	3.14
CC44136		0.30	0.005	<0.2	1.56	19	<10	390	0.6	<2	1.95	1.8	22	68	55	3.51
CC44137		0.32	0.009	<0.2	1.27	12	<10	330	<0.5	<2	1.83	1.1	15	49	35	2.89
CC44138		0.36	0.010	<0.2	1.01	15	<10	290	<0.5	<2	3.50	0.7	11	24	32	2.78
CC44139		0.42	0.008	<0.2	1.15	22	<10	180	0.5	<2	3.69	1.1	13	25	53	3.25
CC44140		0.26	0.087	<0.2	1.03	13	<10	250	<0.5	<2	3.65	0.9	10	23	34	2.81
CC44141		0.28	0.002	<0.2	0.86	8	<10	230	<0.5	<2	5.07	2.9	6	16	19	1.56
CC44142		0.30	0.001	0.2	0.91	14	<10	280	<0.5	<2	3.56	3.3	6	18	21	1.65
CC44143		0.32	0.003	0.4	1.09	21	<10	420	<0.5	<2	2.32	5.8	8	26	31	2.23
CC44144		0.24	0.003	<0.2	1.19	27	<10	350	0.5	3	5.60	1.4	8	22	26	2.31
CC44145		0.32	0.002	<0.2	3.69	13	<10	100	5.5	<2	0.38	0.9	133	21	174	2.82
CC44146		0.42	0.002	<0.2	4.10	15	<10	80	5.8	2	0.40	0.8	80	20	133	2.85
CC44147		0.30	0.003	0.2	3.03	15	<10	130	2.8	<2	0.53	<0.5	29	26	108	2.93
CC44148		0.36	0.006	0.3	1.81	31	<10	200	2.6	<2	0.46	2.5	125	31	56	4.02
CC44149		0.42	0.002	0.3	1.83	31	<10	210	2.4	2	0.35	1.7	93	31	55	4.09
CC44150		0.22	0.005	0.4	1.50	35	<10	220	1.3	3	0.35	0.7	26	31	54	4.20

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Project: RAU

Finalized Date: 11-OCT-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08131174

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC44106		10	<1	0.14	30	1.69	863	<1	<0.01	91	1110	47	0.07	4	6	30
CC44107		<10	<1	0.13	20	1.23	909	<1	<0.01	63	1800	75	0.07	3	3	95
CC44108		<10	<1	0.08	20	2.10	19750	<1	0.01	43	2170	386	0.13	3	3	86
CC44109		<10	<1	0.12	20	1.59	5550	<1	0.01	67	1130	178	0.09	<2	4	46
CC44110		10	<1	0.13	20	2.18	811	<1	0.01	79	1280	57	0.05	2	5	89
CC44111		10	1	0.10	20	1.48	891	<1	<0.01	81	1250	49	0.07	4	5	25
CC44112		<10	<1	0.15	20	1.95	631	<1	0.01	73	1580	40	0.08	3	4	108
CC44113		10	<1	0.11	20	1.53	584	<1	<0.01	61	1110	74	0.05	2	4	38
CC44114		<10	<1	0.10	20	2.37	875	<1	<0.01	73	840	225	0.07	3	6	39
CC44115		<10	<1	0.07	20	3.55	875	<1	0.01	54	1960	139	0.02	4	4	36
CC44116		<10	<1	0.10	30	0.90	2150	<1	<0.01	65	1040	223	0.06	2	4	22
CC44117		<10	<1	0.13	20	0.82	2250	<1	<0.01	94	1320	298	0.04	5	5	26
CC44118		<10	<1	0.10	20	1.48	1325	<1	<0.01	56	1560	173	0.12	4	3	64
CC44119		<10	<1	0.08	20	0.57	753	<1	<0.01	54	1760	131	0.09	3	3	26
CC44120		<10	<1	0.15	20	1.06	938	<1	0.01	58	1800	78	0.07	4	3	34
CC44121		<10	<1	0.12	20	0.87	617	<1	0.01	66	1790	46	0.06	2	4	41
CC44122		<10	<1	0.11	20	1.01	778	<1	<0.01	64	2000	67	0.13	3	3	28
CC44123		10	<1	0.12	10	1.59	883	1	0.03	64	940	73	0.11	<2	4	101
CC44124		<10	<1	0.11	20	0.94	10600	2	0.02	59	2080	349	0.16	<2	3	35
CC44135		<10	<1	0.15	10	1.46	783	3	0.02	72	1370	20	0.08	<2	4	42
CC44136		10	<1	0.15	10	1.40	781	4	0.02	96	1240	23	0.10	<2	4	43
CC44137		<10	<1	0.14	10	1.35	445	3	0.02	64	1400	15	0.05	<2	3	37
CC44138		<10	<1	0.14	10	2.27	550	3	0.02	36	1230	19	0.04	<2	2	40
CC44139		<10	<1	0.13	10	2.44	793	5	0.02	46	1150	28	0.04	<2	4	41
CC44140		<10	<1	0.13	10	2.27	672	3	0.02	34	1230	19	0.05	<2	2	45
CC44141		<10	<1	0.07	10	2.98	434	1	0.01	22	690	20	0.05	<2	2	44
CC44142		<10	<1	0.07	10	2.15	390	2	0.03	28	740	22	0.03	<2	2	39
CC44143		<10	<1	0.09	10	1.49	585	4	0.03	44	870	24	0.05	4	2	37
CC44144		<10	<1	0.10	10	3.77	849	2	0.03	33	710	26	0.05	<2	2	48
CC44145		<10	<1	0.10	20	0.45	1925	1	0.01	213	920	19	0.21	<2	2	24
CC44146		<10	<1	0.10	20	0.49	1480	1	0.01	130	820	19	0.42	<2	2	20
CC44147		<10	<1	0.12	20	0.59	797	1	0.01	65	950	19	0.27	<2	3	21
CC44148		<10	<1	0.20	20	0.55	2330	1	0.02	223	1200	14	0.08	2	2	38
CC44149		<10	<1	0.21	20	0.51	1720	1	0.02	146	1210	11	0.09	<2	2	36
CC44150		<10	<1	0.21	20	0.50	601	1	0.02	79	1230	14	0.07	<2	2	39

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: RAU

Finalized Date: 11-OCT-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08131174

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Zn-OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	0.01
CC44106		<20	0.16	<10	<10	53	<10	178	
CC44107		<20	0.06	<10	<10	34	<10	518	
CC44108		<20	0.01	<10	<10	29	<10	4740	
CC44109		<20	0.06	<10	<10	49	<10	2030	
CC44110		<20	0.16	<10	<10	50	<10	377	
CC44111		<20	0.08	<10	<10	55	<10	271	
CC44112		<20	0.09	<10	<10	43	<10	314	
CC44113		<20	0.04	<10	<10	40	<10	433	
CC44114		<20	0.09	<10	<10	47	<10	1255	
CC44115		<20	0.04	<10	<10	32	<10	1425	
CC44116		<20	0.06	<10	<10	43	<10	1835	
CC44117		<20	0.06	<10	<10	43	<10	2540	
CC44118		<20	0.05	<10	<10	37	<10	1920	
CC44119		<20	0.03	<10	<10	40	<10	755	
CC44120		<20	0.03	<10	<10	49	<10	581	
CC44121		<20	0.05	<10	<10	51	<10	279	
CC44122		<20	0.04	<10	<10	51	<10	402	
CC44123		<20	0.11	<10	<10	43	<10	692	
CC44124		<20	0.02	<10	<10	47	<10	4850	
CC44135		<20	0.04	<10	<10	56	<10	252	
CC44136		<20	0.05	<10	<10	65	<10	296	
CC44137		<20	0.04	<10	<10	52	<10	192	
CC44138		<20	0.04	<10	<10	45	<10	151	
CC44139		<20	0.03	<10	<10	47	<10	200	
CC44140		<20	0.03	<10	<10	43	<10	161	
CC44141		<20	0.03	<10	<10	27	<10	208	
CC44142		<20	0.03	<10	<10	31	<10	240	
CC44143		<20	0.03	<10	<10	51	<10	290	
CC44144		<20	0.04	<10	<10	40	<10	176	
CC44145		<20	0.02	<10	<10	31	<10	243	
CC44146		<20	0.01	<10	<10	29	<10	187	
CC44147		<20	0.01	<10	<10	35	<10	139	
CC44148		<20	0.03	<10	<10	47	<10	280	
CC44149		<20	0.03	<10	<10	47	<10	220	
CC44150		<20	0.04	<10	<10	49	<10	145	

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

Finalized Date: 8-OCT-2008
Account: RCM

CERTIFICATE VA08131173

Project: RAU

P.O. No.:

This report is for 167 Other samples submitted to our lab in Vancouver, BC, Canada on 15-SEP-2008.

The following have access to data associated with this certificate:

AL ARCHER BILL WENGZYNOWSKI	DOUG EATON	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
SCR-43	Screen to -500um, discard plus
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Zn-OG46	Ore Grade Zn - Aqua Regia	VARIABLE
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES

To: ATAC RESOURCES LTD.
ATTN: AL ARCHER
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.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Project: RAU

Finalized Date: 8-OCT-2008
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CERTIFICATE OF ANALYSIS VA08131173

Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CC43125		0.18	0.005	<0.2	1.92	15	<10	400	0.7	<2	0.65	<0.5	10	35	13	3.19
CC43126		0.16	0.001	<0.2	1.31	15	<10	2120	0.5	<2	5.23	1.5	8	27	14	2.56
CC43127		0.24	0.003	<0.2	1.16	39	<10	360	0.6	<2	5.25	0.6	7	23	19	2.52
CC43128		0.12	0.004	<0.2	1.20	11	<10	480	0.5	<2	1.62	0.6	7	22	21	2.19
CC43129		0.18	0.002	<0.2	1.26	10	<10	190	0.5	<2	6.22	0.7	5	20	13	2.33
CC43130		0.18	0.002	<0.2	1.82	13	<10	190	0.8	<2	3.62	<0.5	8	25	11	3.00
CC43131		0.22	0.002	<0.2	1.83	15	<10	190	0.8	<2	1.01	<0.5	8	29	13	3.14
CC43132		0.14	0.007	<0.2	1.70	14	<10	190	0.7	<2	1.20	0.5	7	28	12	2.79
CC43133		0.16	0.003	<0.2	1.50	12	<10	140	0.6	<2	0.87	0.5	11	25	22	3.32
CC43134		0.22	0.002	<0.2	2.09	14	<10	200	0.8	<2	0.51	0.6	10	34	12	3.24
CC43135		0.16	0.001	<0.2	2.15	7	<10	250	0.5	<2	0.36	<0.5	9	32	10	2.73
CC43136		0.16	0.006	<0.2	1.40	20	<10	150	0.5	<2	2.46	0.6	8	24	15	2.85
CC43137		0.20	0.001	<0.2	0.29	365	<10	270	<0.5	5	1.00	126.0	<1	1	7	38.4
CC43138		0.20	0.001	0.5	0.09	636	<10	20	<0.5	5	0.40	8.9	<1	<1	<1	>50
CC43139		0.30	0.002	0.2	0.56	1090	<10	260	<0.5	5	4.23	100.5	<1	6	239	26.8
CC43140		0.14	0.005	1.9	1.66	24	<10	430	0.6	<2	1.48	4.4	11	33	35	3.16
CC43141		0.16	0.004	<0.2	2.12	12	<10	320	0.5	<2	0.47	3.0	12	49	12	3.32
CC43142		0.20	0.003	<0.2	1.96	18	<10	280	0.7	<2	0.35	1.0	10	33	16	3.23
CC43143		0.16	0.010	2.0	1.99	63	<10	1410	0.6	<2	0.91	1.8	10	38	15	3.47
CC43144		0.16	0.006	0.3	0.86	13	<10	470	<0.5	<2	3.59	2.9	30	24	55	7.86
CC43145		0.18	0.002	<0.2	1.43	21	<10	330	0.6	<2	3.31	1.7	11	25	34	2.98
CC43146		0.18	0.029	<0.2	1.84	14	<10	310	0.7	<2	0.61	0.6	13	35	25	3.41
CC43147		0.22	0.004	<0.2	2.21	14	<10	230	0.8	2	0.96	0.7	12	32	25	3.33
CC43148		0.12	0.004	0.2	1.69	14	<10	460	0.6	<2	2.27	0.7	12	33	34	3.75
CC43149		0.22	0.004	<0.2	1.28	7	<10	470	0.5	<2	2.34	<0.5	8	25	32	1.87
CC43150		0.12	0.006	<0.2	1.29	9	<10	340	<0.5	2	1.57	<0.5	11	36	20	2.56
CC43151		0.18	0.004	<0.2	1.17	2	<10	260	<0.5	<2	1.13	<0.5	9	32	15	2.31
CC43152		0.12	0.005	0.3	1.34	7	<10	450	<0.5	2	2.07	<0.5	6	36	21	2.21
CC43153		0.14	0.003	<0.2	1.11	9	<10	260	<0.5	<2	1.96	0.5	9	30	22	2.34
CC43154		0.12	0.003	<0.2	1.56	3	<10	430	<0.5	<2	2.16	0.8	9	48	30	2.00
CC43155		0.26	0.004	<0.2	1.41	11	<10	250	0.5	<2	0.78	<0.5	10	28	15	2.93
CC43156		0.18	0.007	<0.2	1.09	77	<10	610	<0.5	6	8.65	1.2	8	27	26	2.27
CC43157		0.18	0.005	<0.2	1.19	74	<10	270	<0.5	6	9.84	1.2	9	31	27	2.27
CC43158		0.18	0.008	<0.2	1.30	67	<10	270	<0.5	8	9.93	1.1	9	36	29	2.35
CC43159		0.12	0.002	<0.2	0.53	5	<10	400	<0.5	<2	9.98	22.2	4	15	29	1.14
CC43160		0.14	0.012	0.2	0.58	10	<10	430	<0.5	<2	8.07	37.0	6	16	31	1.12
CC43161		0.16	0.008	<0.2	1.47	66	<10	250	<0.5	6	7.67	1.6	11	44	33	2.52
CC43162		0.20	0.006	<0.2	1.45	62	<10	220	<0.5	9	7.94	1.3	11	43	29	2.54
CC43163		0.12	0.005	<0.2	1.87	320	<10	200	0.5	10	8.48	1.6	13	59	47	3.03
CC43164		0.16	0.013	<0.2	1.28	106	<10	200	<0.5	30	17.4	0.8	9	32	29	2.02

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

Project: RAU

Finalized Date: 8-OCT-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08131173

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC43125		10	<1	0.07	10	0.79	500	<1	0.02	23	430	41	0.03	<2	3	17
CC43126		10	1	0.06	10	3.28	661	<1	0.05	17	910	107	0.09	<2	2	43
CC43127		<10	<1	0.07	10	3.59	897	<1	0.03	20	850	55	0.03	7	3	62
CC43128		<10	<1	0.07	10	0.57	411	<1	0.05	19	1050	34	0.11	<2	2	24
CC43129		<10	<1	0.07	10	3.92	590	<1	0.03	15	1110	51	0.07	<2	2	91
CC43130		<10	<1	0.08	10	2.01	1520	<1	0.02	16	890	26	0.05	<2	3	21
CC43131		<10	<1	0.06	10	0.94	458	<1	0.01	21	490	57	0.02	<2	5	14
CC43132		<10	<1	0.06	10	0.78	702	<1	0.02	20	860	57	0.04	2	3	24
CC43133		<10	<1	0.06	10	0.54	333	<1	0.02	20	760	23	0.03	<2	3	18
CC43134		10	<1	0.07	20	0.67	704	<1	0.02	24	340	34	0.02	<2	5	19
CC43135		10	<1	0.06	10	0.54	736	<1	0.02	18	210	21	0.02	<2	4	13
CC43136		<10	<1	0.09	10	1.65	723	1	0.02	19	570	77	0.04	5	3	41
CC43137		<10	<1	0.04	<10	0.36	563	<1	0.02	13	210	33	0.18	<2	1	75
CC43138		<10	<1	<0.01	<10	0.15	<5	<1	0.02	<1	30	84	0.34	8	<1	46
CC43139		<10	<1	0.04	<10	2.43	203	3	0.02	7	370	306	0.11	24	2	50
CC43140		10	<1	0.10	10	0.83	823	<1	0.02	28	510	345	0.04	13	4	23
CC43141		10	<1	0.07	10	1.06	480	<1	0.02	30	250	66	0.01	<2	4	14
CC43142		10	<1	0.08	20	0.66	492	<1	0.02	27	200	211	0.01	3	5	13
CC43143		<10	1	0.09	10	0.95	500	1	0.04	23	310	221	0.03	2	4	16
CC43144		<10	1	0.19	20	1.83	488	6	0.03	141	1980	75	0.32	7	4	44
CC43145		<10	<1	0.19	10	2.13	914	1	0.03	31	750	40	0.04	2	3	31
CC43146		10	<1	0.18	10	0.85	798	<1	0.04	30	250	38	0.05	<2	5	15
CC43147		10	<1	0.13	20	1.00	560	1	0.02	30	270	34	0.03	<2	5	16
CC43148		10	<1	0.18	10	1.25	762	<1	0.03	32	810	27	0.08	<2	4	28
CC43149		<10	<1	0.10	10	1.25	194	<1	0.02	23	630	19	0.07	<2	4	27
CC43150		<10	<1	0.12	10	0.95	493	<1	0.01	29	780	24	0.09	2	4	27
CC43151		<10	<1	0.11	10	0.85	275	<1	0.01	25	910	19	0.07	2	3	25
CC43152		<10	1	0.13	10	0.93	134	<1	0.01	25	870	22	0.16	3	3	32
CC43153		<10	<1	0.11	10	1.36	443	<1	0.01	27	870	18	0.06	3	3	25
CC43154		<10	<1	0.12	10	1.31	433	<1	0.01	35	720	29	0.17	<2	4	32
CC43155		<10	<1	0.12	10	0.74	378	1	0.01	26	620	41	0.04	4	4	20
CC43156		<10	<1	0.16	10	2.44	448	2	0.02	30	770	26	0.05	5	3	90
CC43157		<10	<1	0.17	10	2.49	496	1	0.02	33	670	22	0.04	3	3	101
CC43158		<10	<1	0.19	10	2.55	476	1	0.02	37	670	24	0.05	3	3	99
CC43159		<10	<1	0.07	10	1.77	298	1	0.01	373	990	10	0.14	2	1	123
CC43160		<10	<1	0.08	10	2.28	435	2	0.01	530	1130	10	0.09	3	1	101
CC43161		<10	<1	0.22	10	2.69	603	1	0.02	46	720	26	0.06	5	3	77
CC43162		<10	<1	0.16	10	2.53	514	1	0.02	43	680	27	0.05	<2	3	78
CC43163		<10	1	0.22	10	2.47	523	<1	0.03	48	730	49	0.07	<2	4	91
CC43164		<10	<1	0.19	10	2.10	371	<1	0.02	29	420	18	<0.01	2	3	178

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Project: RAU

Finalized Date: 8-OCT-2008
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CERTIFICATE OF ANALYSIS VA08131173

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Zn-OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	0.01
CC43125		<20	0.03	<10	<10	63	<10	91	
CC43126		<20	0.02	<10	<10	46	<10	477	
CC43127		<20	0.03	<10	<10	41	<10	194	
CC43128		<20	0.02	<10	<10	39	<10	149	
CC43129		<20	0.02	<10	<10	42	<10	120	
CC43130		<20	0.02	<10	<10	51	<10	94	
CC43131		<20	0.02	<10	<10	60	<10	111	
CC43132		<20	0.02	<10	<10	55	<10	123	
CC43133		<20	0.02	<10	<10	55	<10	136	
CC43134		<20	0.03	<10	<10	70	<10	147	
CC43135		<20	0.05	<10	<10	73	<10	111	
CC43136		<20	0.03	<10	<10	53	<10	143	
CC43137		<20	0.01	<10	10	11	<10	>10000	2.50
CC43138		<20	<0.01	<10	10	2	<10	7350	
CC43139		<20	0.01	<10	10	23	<10	>10000	1.83
CC43140		<20	0.03	<10	<10	53	<10	764	
CC43141		<20	0.04	<10	<10	77	<10	410	
CC43142		<20	0.03	<10	<10	66	<10	328	
CC43143		<20	0.04	<10	<10	69	<10	853	
CC43144		<20	0.01	<10	<10	34	10	3380	
CC43145		<20	0.03	<10	<10	51	<10	486	
CC43146		<20	0.03	<10	<10	64	<10	189	
CC43147		<20	0.03	<10	<10	73	<10	145	
CC43148		<20	0.03	<10	<10	57	<10	157	
CC43149		<20	0.04	<10	<10	46	<10	99	
CC43150		<20	0.04	<10	<10	48	<10	147	
CC43151		<20	0.05	<10	<10	45	<10	127	
CC43152		<20	0.03	<10	<10	46	<10	113	
CC43153		<20	0.04	<10	<10	45	<10	110	
CC43154		<20	0.04	<10	<10	49	<10	141	
CC43155		<20	0.03	<10	<10	52	<10	177	
CC43156		<20	0.05	<10	<10	39	10	238	
CC43157		<20	0.06	<10	<10	37	10	259	
CC43158		<20	0.06	<10	<10	37	10	262	
CC43159		<20	0.02	<10	<10	39	10	2920	
CC43160		<20	0.02	<10	<10	45	10	4550	
CC43161		<20	0.08	<10	<10	42	10	337	
CC43162		<20	0.07	<10	<10	42	10	316	
CC43163		<20	0.09	<10	<10	44	<10	994	
CC43164		<20	0.06	<10	<10	26	30	315	

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CERTIFICATE OF ANALYSIS VA08131173

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
CC43165		0.18	0.002	<0.2	1.46	12	<10	150	<0.5	16	16.6	0.9	10	36	34	2.15
CC43166		0.12	0.005	<0.2	1.19	4	<10	270	0.5	2	0.66	0.9	8	15	25	3.58
CC43167		0.18	0.013	1.4	2.23	34	<10	720	0.6	<2	0.21	4.1	13	30	162	6.52
CC43168		0.20	0.006	0.3	1.78	14	<10	380	0.7	<2	0.26	1.4	14	33	60	3.42
CC43169		0.10	0.004	0.3	1.36	5	<10	420	<0.5	<2	1.14	1.2	9	27	37	2.78
CC43170		0.18	0.003	<0.2	1.59	11	<10	240	<0.5	<2	0.12	0.8	14	38	49	5.05
CC43171		0.14	0.005	0.8	1.77	17	<10	580	<0.5	<2	1.03	4.0	19	71	82	3.77
CC43172		0.18	0.005	0.7	1.45	11	<10	470	<0.5	<2	1.08	4.3	13	38	68	2.85
CC43173		0.14	0.002	0.2	1.07	4	<10	360	<0.5	2	1.11	2.4	10	27	37	2.29
CC43174		0.18	0.003	<0.2	0.76	10	<10	190	<0.5	<2	3.56	1.4	8	20	31	2.23
CC43175		0.26	0.003	<0.2	1.00	4	<10	50	<0.5	<2	7.16	<0.5	9	10	33	3.32
CC43176		0.26	0.003	<0.2	0.74	16	<10	200	<0.5	<2	3.23	1.7	7	18	29	1.89
CC43177		0.22	0.003	<0.2	0.75	12	<10	210	<0.5	<2	2.80	1.8	7	19	27	1.97
CC43178		0.30	0.009	0.3	0.85	43	<10	210	<0.5	<2	2.50	3.6	8	23	37	2.65
CC43179		0.24	0.004	0.5	1.06	20	<10	310	<0.5	<2	2.52	5.2	10	25	50	2.66
CC43180		0.24	0.011	0.3	0.75	18	<10	220	<0.5	<2	3.73	3.4	7	19	26	2.18
CC43181		0.24	0.003	0.5	0.60	15	<10	1220	<0.5	<2	0.93	8.4	5	19	59	1.67
CC43182		0.16	0.005	0.5	0.70	14	<10	530	<0.5	<2	2.22	6.7	6	20	58	1.87
CC43183		0.22	0.006	<0.2	1.12	22	<10	270	<0.5	<2	2.14	2.2	19	38	44	3.73
CC43184		0.22	0.005	0.2	0.90	18	<10	320	<0.5	<2	2.50	2.7	15	29	40	3.10
CC43185		0.24	0.004	0.2	0.93	17	<10	280	<0.5	<2	2.38	3.2	15	30	44	3.03
CC43186		0.20	0.002	<0.2	0.99	23	<10	280	<0.5	<2	2.58	2.7	16	31	41	3.26
CC43187		0.24	0.003	0.2	0.98	22	<10	270	<0.5	<2	2.97	3.0	14	29	43	2.99
CC43188		0.22	0.003	0.3	0.92	21	<10	240	<0.5	<2	2.82	2.7	13	27	37	2.83
CC43189		0.24	0.003	<0.2	0.87	23	<10	240	<0.5	<2	3.17	2.7	14	27	40	2.95
CC43190		0.30	0.004	<0.2	0.74	22	<10	230	<0.5	<2	4.32	1.9	12	22	31	2.62
CC43191		0.28	0.006	<0.2	0.73	17	<10	250	<0.5	2	6.38	1.5	10	19	28	2.36
CC43192		0.28	0.003	<0.2	0.66	14	<10	220	<0.5	<2	8.17	0.8	6	14	21	1.80
CC43193		0.30	0.008	<0.2	0.65	12	<10	230	<0.5	<2	6.99	1.3	8	16	25	1.94
CC43194		0.22	0.008	0.2	0.13	15	<10	80	<0.5	<2	17.1	0.8	3	5	7	0.86
CC43195		0.24	0.017	0.2	0.14	16	<10	150	<0.5	4	17.0	1.0	3	8	8	0.92
CC43196		0.24	0.013	0.2	0.16	18	<10	110	<0.5	2	17.2	1.1	3	8	8	0.90
CC43197		0.28	0.016	0.2	0.23	19	<10	150	<0.5	5	16.0	1.1	4	11	10	1.04
CC43198		0.18	0.013	0.4	0.19	17	<10	130	<0.5	3	16.8	1.0	3	10	8	0.93
CC43199		0.24	0.013	0.2	0.20	17	<10	150	<0.5	3	16.9	1.1	4	10	8	0.97
CC43200		0.28	0.015	0.2	0.20	16	<10	130	<0.5	2	16.9	1.2	4	10	9	0.96
CC43201		0.14	0.005	<0.2	1.09	13	<10	220	0.5	<2	1.42	0.6	9	21	31	2.81
CC43202		0.12	0.004	<0.2	1.20	14	<10	200	0.5	<2	0.80	0.9	10	23	23	2.94
CC43203		0.24	0.002	<0.2	0.77	12	<10	150	<0.5	<2	7.08	1.0	6	15	18	1.94
CC43204		0.12	0.004	<0.2	1.03	14	<10	170	<0.5	<2	4.30	1.1	7	26	21	2.23

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Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC43165		<10	<1	0.22	10	2.39	399	<1	0.02	34	430	17	0.05	3	3	176
CC43166		<10	<1	0.20	20	0.63	437	1	0.01	17	1120	30	0.06	3	3	12
CC43167		10	<1	0.35	20	1.09	225	15	0.02	130	1600	26	0.46	13	2	101
CC43168		<10	<1	0.13	20	0.62	573	5	0.01	59	1210	26	0.04	6	3	29
CC43169		<10	<1	0.14	20	0.70	381	3	0.02	35	1330	14	0.10	3	2	49
CC43170		<10	1	0.19	30	0.71	400	10	0.01	61	1480	15	0.12	2	1	29
CC43171		10	<1	0.13	20	1.17	450	7	0.01	121	1450	23	0.05	6	4	50
CC43172		<10	<1	0.13	20	0.95	485	3	0.01	66	1320	19	0.09	3	3	46
CC43173		<10	<1	0.12	20	0.83	277	2	0.01	45	1280	13	0.08	2	2	47
CC43174		<10	1	0.08	10	2.12	402	2	0.01	39	850	26	0.04	4	2	50
CC43175		<10	<1	0.15	20	3.61	426	<1	<0.01	16	660	21	0.01	2	2	75
CC43176		<10	<1	0.06	10	1.96	391	4	0.01	31	860	21	0.02	5	2	40
CC43177		<10	1	0.07	10	1.70	398	3	0.01	32	930	22	0.04	5	2	44
CC43178		<10	<1	0.08	10	1.47	346	10	0.01	62	1060	37	0.03	7	2	38
CC43179		<10	<1	0.10	10	1.38	753	4	0.01	61	1090	30	0.09	6	3	59
CC43180		<10	<1	0.08	10	2.19	708	3	0.01	36	980	24	0.04	4	2	46
CC43181		<10	1	0.06	10	0.46	319	8	<0.01	50	1240	23	0.04	6	2	51
CC43182		10	1	0.07	10	1.10	451	6	0.01	49	1120	23	0.04	7	2	58
CC43183		<10	1	0.50	20	1.56	348	5	<0.01	101	1270	23	0.03	7	2	36
CC43184		<10	<1	0.33	20	1.62	335	6	0.01	83	1190	24	0.03	3	2	38
CC43185		<10	<1	0.34	20	1.50	362	4	0.01	83	1160	24	0.04	6	2	40
CC43186		<10	<1	0.38	20	1.72	346	5	0.01	89	1230	23	0.03	6	2	40
CC43187		<10	<1	0.33	20	1.68	365	4	0.01	75	1210	25	0.04	6	2	50
CC43188		<10	<1	0.31	20	1.58	334	4	0.01	72	1150	23	0.03	4	2	48
CC43189		<10	<1	0.30	20	1.74	388	5	<0.01	77	1170	25	0.04	4	2	50
CC43190		<10	1	0.24	10	2.32	356	6	<0.01	64	1080	25	0.03	5	2	54
CC43191		<10	<1	0.20	10	3.10	441	4	0.01	47	930	24	0.03	4	2	70
CC43192		<10	<1	0.09	10	3.95	566	3	0.01	23	680	27	0.02	4	2	80
CC43193		<10	<1	0.12	10	3.39	514	4	0.01	35	770	25	0.03	5	2	74
CC43194		<10	<1	0.02	10	10.70	561	2	0.01	11	630	92	<0.01	3	1	70
CC43195		<10	<1	0.02	10	10.65	569	3	0.01	13	530	118	<0.01	3	1	71
CC43196		<10	<1	0.02	10	10.70	583	3	0.01	13	500	122	<0.01	3	1	71
CC43197		<10	<1	0.03	10	9.77	597	2	0.01	15	520	134	<0.01	2	1	69
CC43198		<10	<1	0.03	10	10.45	578	2	0.01	14	480	119	0.04	3	1	70
CC43199		<10	<1	0.03	10	10.30	573	2	0.01	15	550	121	<0.01	2	1	73
CC43200		<10	<1	0.03	10	10.25	604	2	0.01	15	500	123	<0.01	3	1	74
CC43201		<10	<1	0.12	10	0.73	526	<1	0.01	23	1000	40	0.06	5	3	24
CC43202		<10	<1	0.13	20	0.50	688	<1	0.01	22	920	45	0.05	2	3	20
CC43203		<10	<1	0.10	10	4.29	550	1	0.01	16	810	32	0.05	<2	2	36
CC43204		<10	<1	0.14	10	2.54	445	1	0.01	20	1000	37	0.06	2	2	30

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

Project: RAU

Finalized Date: 8-OCT-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08131173

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Zn-OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	0.01
CC43165		<20	0.07	<10	<10	30	10	406	
CC43166		<20	0.01	<10	<10	21	<10	136	
CC43167		<20	0.03	<10	<10	115	<10	617	
CC43168		<20	0.04	<10	<10	81	<10	191	
CC43169		<20	0.03	<10	<10	51	<10	153	
CC43170		<20	0.06	<10	<10	91	<10	187	
CC43171		<20	0.06	<10	<10	111	<10	419	
CC43172		<20	0.04	<10	<10	73	<10	318	
CC43173		<20	0.04	<10	<10	53	<10	230	
CC43174		<20	0.03	<10	<10	33	<10	224	
CC43175		<20	0.01	<10	<10	12	<10	63	
CC43176		<20	0.03	<10	<10	37	<10	143	
CC43177		<20	0.03	<10	<10	38	<10	156	
CC43178		<20	0.03	<10	<10	54	<10	511	
CC43179		<20	0.03	<10	<10	50	<10	490	
CC43180		<20	0.03	<10	<10	41	<10	314	
CC43181		<20	0.01	<10	<10	104	<10	441	
CC43182		<20	0.02	<10	<10	80	<10	438	
CC43183		<20	0.13	<10	<10	57	<10	286	
CC43184		<20	0.08	<10	<10	54	<10	328	
CC43185		<20	0.08	<10	<10	55	<10	346	
CC43186		<20	0.09	<10	<10	56	<10	335	
CC43187		<20	0.08	<10	<10	53	<10	334	
CC43188		<20	0.08	<10	<10	51	<10	340	
CC43189		<20	0.08	<10	<10	51	<10	314	
CC43190		<20	0.06	<10	<10	42	<10	254	
CC43191		<20	0.05	<10	<10	37	<10	195	
CC43192		<20	0.02	<10	<10	29	<10	112	
CC43193		<20	0.03	<10	<10	31	<10	160	
CC43194		<20	<0.01	<10	<10	19	<10	232	
CC43195		<20	<0.01	<10	<10	19	<10	275	
CC43196		<20	<0.01	<10	<10	20	<10	322	
CC43197		<20	0.01	<10	<10	21	<10	355	
CC43198		<20	0.01	<10	<10	20	<10	318	
CC43199		<20	0.01	<10	<10	20	<10	332	
CC43200		<20	0.01	<10	<10	20	<10	325	
CC43201		<20	0.02	<10	<10	36	<10	161	
CC43202		<20	0.02	<10	<10	40	<10	178	
CC43203		<20	0.02	<10	<10	26	<10	162	
CC43204		<20	0.03	<10	<10	32	<10	196	

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Project: RAU

Finalized Date: 8-OCT-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08131173

Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CC43205		0.18	0.002	<0.2	0.89	12	<10	180	<0.5	<2	5.57	0.7	5	18	19	2.04
CC43206		0.16	0.005	<0.2	1.45	14	<10	190	0.6	<2	2.67	0.9	13	49	21	3.11
CC43207		0.14	0.001	0.2	1.09	16	<10	180	<0.5	<2	3.67	0.6	8	21	19	2.42
CC43208		0.10	0.006	<0.2	1.31	12	<10	220	0.5	2	3.79	0.9	11	40	19	2.90
CC43209		0.14	0.003	<0.2	0.77	16	<10	220	<0.5	<2	6.72	0.9	6	16	18	1.92
CC43210		0.32	0.005	<0.2	1.02	15	<10	230	<0.5	<2	7.21	0.6	7	20	27	2.23
CC43211		0.20	0.008	0.3	1.01	27	<10	350	<0.5	<2	7.38	0.9	8	21	33	2.22
CC43212		0.28	0.012	0.4	0.64	18	<10	270	<0.5	<2	8.41	0.8	5	16	19	1.67
CC43213		0.16	0.009	1.1	0.62	22	<10	310	<0.5	2	8.66	1.3	4	17	22	1.70
CC43214		0.22	0.010	0.7	0.54	32	<10	650	<0.5	2	9.83	0.7	4	13	19	1.69
CC43215		0.22	0.004	<0.2	0.87	14	<10	140	<0.5	<2	5.78	0.6	6	17	15	1.97
CC43216		0.30	0.003	<0.2	0.61	17	<10	120	<0.5	<2	9.88	0.6	5	12	12	1.54
CC43217		0.30	0.002	<0.2	0.67	12	<10	130	<0.5	<2	9.48	0.6	5	13	13	1.59
CC43218		0.22	0.002	<0.2	0.59	11	<10	160	<0.5	<2	6.95	0.5	5	11	8	1.30
CC43219		0.26	0.004	<0.2	0.91	11	<10	230	<0.5	<2	3.83	<0.5	6	17	14	1.90
CC43220		0.22	0.022	<0.2	0.98	23	<10	320	<0.5	2	6.67	0.7	5	18	25	1.96
CC43221		0.24	0.003	<0.2	0.85	15	<10	220	<0.5	<2	5.99	0.5	6	18	21	1.98
CC43222		0.14	0.016	0.2	0.81	55	<10	280	<0.5	10	3.59	0.7	8	14	23	2.66
CC43223		0.14	0.003	<0.2	0.91	16	<10	210	<0.5	<2	5.16	0.5	5	17	15	1.76
CC43224		0.20	0.002	<0.2	0.60	12	<10	160	<0.5	<2	7.90	0.6	4	11	11	1.34
CC43225		0.22	0.005	<0.2	1.19	17	<10	330	<0.5	2	4.95	0.7	8	25	30	2.52
CC43226		0.28	0.002	0.2	0.91	19	<10	260	<0.5	<2	7.70	0.5	7	22	25	2.27
CC43227		0.20	0.002	<0.2	0.70	21	<10	350	<0.5	2	7.89	<0.5	7	16	21	2.04
CC43228		0.18	0.004	0.2	0.87	21	<10	390	<0.5	<2	6.05	0.5	7	19	21	2.15
CC43229		0.18	0.003	<0.2	0.78	5	<10	200	<0.5	<2	0.85	<0.5	5	17	12	1.61
CC43230		0.18	0.004	<0.2	1.15	23	<10	280	<0.5	<2	6.27	<0.5	8	26	26	2.54
CC43231		0.32	0.004	<0.2	0.10	28	<10	80	<0.5	<2	15.6	0.6	1	2	5	0.57
CC43232		0.20	0.003	<0.2	0.12	23	<10	70	<0.5	<2	16.0	0.7	2	3	5	0.61
CC43233		0.36	0.001	<0.2	0.80	7	<10	140	<0.5	<2	2.97	<0.5	5	18	16	1.63
CC43234		0.28	0.003	<0.2	0.12	17	<10	70	<0.5	<2	15.5	0.6	2	2	4	0.50
CC43235		0.36	0.003	<0.2	0.14	22	<10	70	<0.5	<2	15.8	0.7	2	3	5	0.59
CC43236		0.22	0.004	<0.2	0.16	28	<10	90	<0.5	<2	15.3	0.9	2	3	6	0.66
CC43237		0.28	0.003	<0.2	0.15	19	<10	80	<0.5	2	15.3	0.7	2	3	5	0.60
CC43238		0.30	0.003	<0.2	0.20	15	<10	70	<0.5	2	14.9	0.6	2	4	6	0.62
CC43239		0.28	0.003	<0.2	0.30	20	<10	90	<0.5	<2	13.5	0.8	3	6	8	0.81
CC43240		0.26	0.002	<0.2	0.21	13	<10	70	<0.5	2	14.3	0.6	2	4	6	0.68
CC43241		0.16	0.002	<0.2	0.26	15	<10	80	<0.5	3	13.9	0.5	3	6	8	0.77
CC43242		0.44	0.003	<0.2	0.59	14	<10	80	<0.5	<2	10.20	<0.5	4	11	14	1.42
CC43243		0.24	0.002	<0.2	0.28	8	<10	60	<0.5	<2	14.8	0.5	2	6	7	0.84
CC43244		0.24	0.002	<0.2	0.36	6	<10	90	<0.5	<2	14.7	<0.5	3	7	6	0.86

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Project: RAU

Finalized Date: 8-OCT-2008
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CERTIFICATE OF ANALYSIS VA08131173

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC43205		<10	<1	0.12	10	3.30	372	1	0.01	17	900	29	0.06	<2	2	34
CC43206		<10	1	0.09	10	2.05	664	<1	0.01	45	2000	46	0.05	2	3	31
CC43207		<10	1	0.12	10	2.16	562	<1	0.01	20	1120	50	0.06	5	2	30
CC43208		<10	<1	0.12	10	2.52	616	<1	0.01	34	1650	42	0.06	3	3	34
CC43209		<10	1	0.08	10	4.08	507	<1	0.01	15	800	36	0.04	2	2	30
CC43210		<10	<1	0.16	10	4.51	504	1	0.01	23	750	35	0.02	4	3	42
CC43211		<10	<1	0.15	10	4.62	478	1	0.01	23	770	40	0.03	2	3	41
CC43212		<10	<1	0.11	10	5.21	442	<1	0.01	15	800	38	0.05	2	1	43
CC43213		<10	<1	0.12	10	5.19	454	1	0.01	13	820	45	0.06	2	1	42
CC43214		<10	<1	0.11	10	6.25	441	1	0.01	12	700	49	0.06	3	1	43
CC43215		<10	<1	0.08	10	3.54	451	<1	0.01	17	810	19	0.03	<2	2	29
CC43216		<10	<1	0.10	10	6.63	482	<1	0.01	13	640	17	0.03	2	1	38
CC43217		<10	<1	0.09	10	6.08	495	1	0.02	13	710	19	0.03	2	1	37
CC43218		<10	<1	0.05	10	4.34	390	<1	0.01	10	640	17	0.02	4	1	25
CC43219		<10	<1	0.07	10	2.22	475	<1	0.01	17	840	20	0.04	<2	2	30
CC43220		<10	<1	0.09	10	3.97	522	<1	0.01	21	930	28	0.05	2	2	32
CC43221		<10	1	0.10	10	3.44	499	1	0.02	21	830	21	0.01	<2	3	47
CC43222		<10	<1	0.08	10	1.75	1130	<1	0.01	17	1150	26	0.06	5	2	26
CC43223		<10	<1	0.09	10	3.03	368	<1	0.01	14	910	22	0.06	<2	2	29
CC43224		<10	<1	0.05	10	4.91	477	<1	0.01	10	640	17	0.02	2	1	25
CC43225		<10	1	0.16	10	3.03	533	1	0.01	30	930	25	0.02	2	3	47
CC43226		<10	<1	0.12	10	4.47	408	1	0.01	26	920	20	0.03	3	2	67
CC43227		<10	<1	0.10	10	4.77	556	1	0.01	20	920	21	0.04	3	2	48
CC43228		<10	<1	0.13	10	3.64	505	1	0.01	22	940	21	0.05	<2	2	43
CC43229		<10	<1	0.08	20	0.51	195	<1	0.01	17	970	11	0.03	<2	2	26
CC43230		<10	<1	0.12	10	3.94	553	1	0.01	28	710	26	0.03	2	3	41
CC43231		<10	<1	0.01	10	9.90	469	<1	0.01	5	260	88	0.01	3	<1	38
CC43232		<10	<1	0.02	10	10.40	547	<1	0.01	5	340	67	0.01	<2	<1	35
CC43233		<10	<1	0.08	10	1.85	312	<1	0.02	17	940	13	0.01	<2	3	31
CC43234		<10	<1	0.02	<10	10.10	493	<1	0.01	4	320	54	0.01	2	<1	33
CC43235		<10	<1	0.01	10	10.10	530	<1	0.01	6	340	68	<0.01	2	<1	36
CC43236		<10	<1	0.02	10	9.80	668	<1	0.01	6	350	89	0.01	2	<1	34
CC43237		<10	<1	0.02	10	9.76	529	<1	0.01	6	350	68	0.01	2	<1	35
CC43238		<10	<1	0.02	10	9.49	440	<1	0.01	6	370	39	0.01	<2	1	34
CC43239		<10	1	0.03	10	8.83	552	<1	0.01	9	450	60	0.01	<2	1	33
CC43240		<10	<1	0.03	10	9.33	409	<1	0.01	7	360	34	0.01	<2	1	32
CC43241		<10	<1	0.04	10	9.02	414	<1	0.01	8	410	34	0.01	3	1	34
CC43242		<10	<1	0.06	10	6.72	300	<1	0.01	15	640	16	0.01	2	2	40
CC43243		<10	<1	0.05	10	9.70	335	<1	0.01	8	490	21	0.01	2	1	35
CC43244		<10	<1	0.05	10	9.59	533	<1	0.01	6	660	23	0.02	3	1	33

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CERTIFICATE OF ANALYSIS VA08131173

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Zn-OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	0.01
CC43205		<20	0.02	<10	<10	27	<10	163	
CC43206		<20	0.04	<10	<10	46	<10	168	
CC43207		<20	0.02	<10	<10	33	<10	195	
CC43208		<20	0.03	<10	<10	41	<10	173	
CC43209		<20	0.01	<10	<10	26	<10	189	
CC43210		<20	0.02	<10	<10	32	<10	151	
CC43211		<20	0.02	<10	<10	30	<10	211	
CC43212		<20	0.01	<10	<10	21	<10	182	
CC43213		<20	0.01	<10	<10	21	<10	270	
CC43214		<20	0.01	<10	<10	19	<10	225	
CC43215		<20	0.02	<10	<10	31	<10	136	
CC43216		<20	0.01	<10	<10	22	<10	102	
CC43217		<20	0.01	<10	<10	23	<10	111	
CC43218		<20	0.01	<10	<10	21	<10	93	
CC43219		<20	0.02	<10	<10	30	<10	126	
CC43220		<20	0.02	<10	<10	38	<10	152	
CC43221		<20	0.04	<10	<10	32	<10	115	
CC43222		<20	0.01	<10	<10	35	<10	274	
CC43223		<20	0.02	<10	<10	28	<10	173	
CC43224		<20	0.01	<10	<10	21	<10	124	
CC43225		<20	0.03	<10	<10	39	<10	146	
CC43226		<20	0.02	<10	<10	31	<10	122	
CC43227		<20	0.01	<10	<10	28	<10	112	
CC43228		<20	0.02	<10	<10	31	<10	130	
CC43229		<20	0.02	<10	<10	23	<10	99	
CC43230		<20	0.02	<10	<10	37	<10	154	
CC43231		<20	<0.01	<10	<10	9	<10	175	
CC43232		<20	<0.01	<10	<10	10	<10	170	
CC43233		<20	0.06	<10	<10	36	<10	64	
CC43234		<20	0.01	<10	<10	9	<10	137	
CC43235		<20	0.01	<10	<10	10	<10	171	
CC43236		<20	0.01	<10	<10	11	<10	203	
CC43237		<20	0.01	<10	<10	11	<10	164	
CC43238		<20	0.01	<10	<10	11	<10	113	
CC43239		<20	0.01	<10	<10	15	<10	161	
CC43240		<20	0.01	<10	<10	12	<10	106	
CC43241		<20	0.01	<10	<10	14	<10	105	
CC43242		<20	0.02	<10	<10	22	<10	109	
CC43243		<20	0.01	<10	<10	13	<10	111	
CC43244		<20	0.01	<10	<10	13	<10	114	

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CERTIFICATE OF ANALYSIS VA08131173

Method	WEI-21	Au-ICP21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
Sample Description LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CC43245	0.22	0.006	<0.2	0.35	16	<10	90	<0.5	<2	12.05	0.6	3	7	8	0.89
CC43246	0.24	0.005	<0.2	0.34	15	<10	90	<0.5	<2	12.35	0.6	3	7	8	0.89
CC43247	0.28	0.003	<0.2	0.25	13	<10	70	<0.5	<2	13.35	0.5	3	6	6	0.72
CC43248	0.24	0.002	<0.2	0.24	8	<10	70	<0.5	2	14.0	0.5	2	5	6	0.72
CC43249	0.28	0.004	<0.2	0.38	13	<10	100	<0.5	<2	11.85	0.7	3	7	10	0.97
CC43250	0.16	0.004	<0.2	0.47	18	<10	120	<0.5	<2	9.72	<0.5	3	9	9	1.11
CC43251	0.12	0.003	0.3	0.95	18	<10	150	<0.5	<2	4.54	1.3	7	19	22	2.52
CC43252	0.08	0.002	<0.2	1.57	15	<10	150	0.6	<2	0.66	1.2	11	27	19	3.47
CC43253	0.12	0.002	0.5	0.94	15	<10	140	<0.5	<2	3.52	0.9	8	17	24	2.68
CC43254	0.06	0.004	0.8	1.13	22	<10	1200	<0.5	<2	1.62	4.2	12	31	53	3.27
CC43255	0.18	0.002	0.2	0.63	11	<10	440	<0.5	2	3.07	1.4	7	15	22	2.04
CC43256	0.14	0.002	<0.2	0.61	12	<10	500	<0.5	<2	4.50	1.7	6	15	22	1.91
CC43257	0.12	0.004	<0.2	0.62	11	<10	490	<0.5	<2	4.12	1.6	6	15	21	1.78
CC43258	0.08	0.006	1.4	0.88	26	<10	620	<0.5	<2	3.51	1.6	8	22	28	2.08
CC43259	0.10	0.003	1.0	0.89	23	<10	540	<0.5	<2	3.09	3.6	8	22	30	2.15
CC43260	0.08	0.003	0.7	0.93	21	<10	630	<0.5	<2	3.35	6.2	10	23	34	2.17
CC43261	0.10	0.001	0.8	0.84	22	<10	590	<0.5	<2	3.71	7.4	10	21	38	2.08
CC43262	0.18	0.003	0.4	0.87	16	<10	580	<0.5	<2	4.36	5.2	9	24	35	1.95
CC43263	0.14	0.004	0.4	0.91	17	<10	560	<0.5	<2	3.80	5.9	9	25	37	1.99
CC43264	0.14	0.002	0.5	0.85	16	<10	520	<0.5	<2	4.00	9.0	8	22	37	1.92
CC43265	0.16	0.002	0.6	0.84	19	<10	530	<0.5	<2	4.27	10.7	9	22	44	1.99
CC43266	0.14	0.004	0.6	0.73	19	<10	540	<0.5	<2	5.04	9.8	10	21	46	1.88
CC43267	0.20	0.003	0.4	0.82	18	<10	650	<0.5	<2	6.54	3.3	8	25	42	1.90
CC43268	0.26	0.004	0.5	0.87	18	<10	630	<0.5	<2	5.55	3.1	8	25	45	1.96
CC43269	0.26	0.004	0.3	0.84	15	<10	580	<0.5	<2	5.78	2.3	8	23	30	1.78
CC43270	0.34	0.006	0.5	1.10	16	<10	460	<0.5	<2	5.20	2.9	10	30	47	2.38
CC43271	0.32	0.002	0.3	1.05	6	<10	130	<0.5	<2	6.44	0.9	10	28	31	2.33
CC43272	0.20	0.002	<0.2	1.03	13	<10	120	<0.5	<2	7.96	0.6	5	16	11	1.68
CC43273	0.16	0.002	0.3	1.16	16	<10	170	<0.5	<2	6.62	0.6	7	19	17	2.15
CC43274	0.12	0.002	<0.2	1.63	15	<10	160	0.5	<2	1.19	0.8	7	23	14	2.46
CC43275	0.10	0.003	0.2	0.89	17	<10	190	<0.5	<2	1.20	0.7	8	19	24	2.32
CC43276	0.18	0.002	0.3	0.55	15	<10	80	<0.5	<2	4.58	<0.5	10	7	36	2.57
CC43277	0.24	0.006	0.2	0.56	13	<10	140	<0.5	<2	8.88	0.5	7	10	18	1.60
CC43278	0.16	0.004	0.2	0.58	8	<10	150	<0.5	<2	11.70	1.0	5	11	12	1.22
CC43279	0.22	0.002	3.2	0.56	12	<10	260	<0.5	<2	9.08	0.7	5	12	14	1.40
CC43280	0.36	0.004	0.2	0.51	15	<10	180	<0.5	<2	9.36	0.8	6	10	17	1.59
CC43281	0.22	0.007	2.1	0.46	11	<10	220	<0.5	<2	9.94	0.8	5	10	16	1.55
CC43282	0.22	0.003	1.4	0.46	12	<10	320	<0.5	<2	9.80	1.0	4	10	14	1.39
CC43283	0.20	0.038	2.2	0.55	13	<10	350	<0.5	<2	8.28	1.2	5	12	19	1.62
CC43284	0.20	0.004	0.5	0.69	12	<10	400	<0.5	<2	7.60	1.0	5	14	22	1.51

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Project: RAU

Finalized Date: 8-OCT-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08131173

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC43245		<10	<1	0.04	10	8.24	429	<1	0.01	9	480	33	0.01	<2	1	34
CC43246		<10	1	0.04	10	8.50	442	<1	0.01	10	480	34	0.01	2	1	33
CC43247		<10	1	0.03	10	9.07	405	<1	0.01	8	390	31	0.01	<2	1	34
CC43248		<10	<1	0.03	10	9.09	386	<1	0.01	7	390	32	0.01	2	1	34
CC43249		<10	<1	0.04	10	7.55	552	<1	0.01	11	500	46	0.01	2	1	34
CC43250		<10	<1	0.06	10	6.46	348	<1	0.01	11	550	20	0.01	<2	1	30
CC43251		<10	<1	0.09	10	2.77	626	1	0.02	22	1010	64	0.03	5	3	39
CC43252		<10	1	0.10	10	0.52	733	<1	0.01	21	580	97	0.03	4	4	18
CC43253		<10	<1	0.18	10	2.03	623	<1	0.01	18	930	188	0.03	8	3	32
CC43254		<10	<1	0.18	10	0.98	818	8	0.01	56	1940	25	0.13	7	2	74
CC43255		<10	<1	0.09	10	1.78	385	2	0.01	22	960	33	0.05	3	2	40
CC43256		<10	<1	0.09	10	2.63	748	2	0.01	23	1000	40	0.05	7	2	42
CC43257		<10	<1	0.08	10	2.37	1020	2	0.01	23	940	36	0.05	6	2	42
CC43258		<10	1	0.12	10	1.85	615	2	0.02	29	1190	34	0.08	4	2	47
CC43259		<10	<1	0.10	10	1.67	570	3	0.02	48	1190	36	0.07	5	2	47
CC43260		<10	<1	0.13	10	1.84	1030	6	0.03	76	1220	31	0.07	3	2	53
CC43261		<10	<1	0.11	10	1.92	939	5	0.02	81	1230	31	0.08	2	2	58
CC43262		<10	<1	0.09	10	2.51	553	4	0.02	59	1130	24	0.06	3	2	59
CC43263		<10	<1	0.10	10	2.15	538	3	0.02	62	1130	26	0.07	<2	2	59
CC43264		<10	<1	0.10	10	2.13	540	3	0.02	93	1120	24	0.07	2	2	62
CC43265		<10	<1	0.10	10	2.15	597	4	0.02	144	1190	28	0.08	3	2	69
CC43266		<10	<1	0.09	10	2.24	577	5	0.02	218	1170	28	0.08	3	2	83
CC43267		<10	1	0.09	10	3.66	353	4	0.02	64	1070	23	0.07	2	2	66
CC43268		<10	<1	0.10	10	3.06	345	3	0.02	70	1060	24	0.08	4	2	67
CC43269		<10	1	0.10	10	3.32	325	3	0.02	59	1050	22	0.05	<2	2	63
CC43270		<10	1	0.11	10	2.85	499	3	0.02	70	1090	28	0.07	<2	3	67
CC43271		<10	<1	0.09	10	3.50	597	1	0.01	38	930	24	0.05	<2	3	73
CC43272		<10	<1	0.06	10	5.27	493	1	0.02	16	1110	21	0.04	<2	2	27
CC43273		<10	<1	0.10	10	4.35	538	1	0.02	21	1190	44	0.05	<2	2	29
CC43274		<10	<1	0.07	10	0.56	673	1	0.02	18	1020	47	0.08	<2	2	18
CC43275		<10	<1	0.15	10	0.40	488	2	0.01	20	690	59	0.06	2	2	17
CC43276		<10	<1	0.15	10	1.80	490	1	0.01	18	800	111	0.06	5	3	81
CC43277		<10	<1	0.07	10	5.64	566	1	0.01	16	900	51	0.05	<2	2	38
CC43278		<10	<1	0.07	10	7.81	313	1	0.02	15	750	28	0.04	<2	1	38
CC43279		<10	1	0.06	10	5.89	362	1	0.02	17	840	63	0.04	<2	1	43
CC43280		<10	<1	0.07	10	5.60	389	2	0.01	18	750	24	0.01	<2	2	78
CC43281		<10	1	0.08	10	6.25	355	1	0.02	15	840	68	0.05	2	1	59
CC43282		<10	1	0.07	10	6.22	309	2	0.02	17	850	48	0.04	<2	1	57
CC43283		<10	<1	0.08	10	5.14	341	1	0.02	19	940	57	0.06	<2	2	59
CC43284		<10	<1	0.11	10	4.87	320	2	0.02	21	950	25	0.04	<2	1	63

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Project: RAU

Finalized Date: 8-OCT-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08131173

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Zn-OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	0.01
CC43245		<20	0.02	<10	<10	16	<10	112	
CC43246		<20	0.02	<10	<10	16	<10	115	
CC43247		<20	0.01	<10	<10	13	<10	98	
CC43248		<20	0.01	<10	<10	13	<10	99	
CC43249		<20	0.02	<10	<10	17	<10	139	
CC43250		<20	0.02	<10	<10	19	<10	109	
CC43251		<20	0.03	<10	<10	38	<10	233	
CC43252		<20	0.03	<10	<10	56	<10	219	
CC43253		<20	0.02	<10	<10	35	<10	226	
CC43254		<20	0.03	<10	<10	113	<10	344	
CC43255		<20	0.02	<10	<10	37	<10	159	
CC43256		<20	0.02	<10	<10	39	<10	190	
CC43257		<20	0.02	<10	<10	38	<10	178	
CC43258		<20	0.02	<10	<10	49	<10	193	
CC43259		<20	0.03	<10	<10	51	<10	371	
CC43260		<20	0.03	<10	<10	59	<10	581	
CC43261		<20	0.02	<10	<10	54	<10	625	
CC43262		<20	0.03	<10	<10	53	<10	425	
CC43263		<20	0.03	<10	<10	54	<10	462	
CC43264		<20	0.03	<10	<10	52	<10	789	
CC43265		<20	0.02	<10	<10	53	<10	1000	
CC43266		<20	0.02	<10	<10	55	<10	1510	
CC43267		<20	0.03	<10	<10	65	<10	361	
CC43268		<20	0.03	<10	<10	65	<10	420	
CC43269		<20	0.04	<10	<10	56	<10	390	
CC43270		<20	0.05	<10	<10	62	<10	434	
CC43271		<20	0.08	<10	<10	39	<10	195	
CC43272		<20	0.02	<10	<10	31	<10	136	
CC43273		<20	0.03	<10	<10	34	<10	172	
CC43274		<20	0.03	<10	<10	50	<10	182	
CC43275		<20	0.01	<10	<10	26	<10	198	
CC43276		<20	0.01	<10	<10	12	<10	116	
CC43277		<20	0.01	<10	<10	17	<10	167	
CC43278		<20	0.01	<10	<10	18	<10	155	
CC43279		<20	0.02	<10	<10	22	<10	133	
CC43280		<20	0.02	<10	<10	23	<10	132	
CC43281		<20	0.01	<10	<10	18	<10	125	
CC43282		<20	0.01	<10	<10	23	<10	138	
CC43283		<20	0.02	<10	<10	26	<10	158	
CC43284		<20	0.02	<10	<10	34	<10	151	

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Project: RAU

Finalized Date: 8-OCT-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08131173

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
CC43285		0.26	0.005	0.8	0.62	13	<10	430	<0.5	<2	7.82	4.1	5	13	23	1.49
CC43286		0.18	0.005	1.3	0.66	13	<10	520	<0.5	2	8.08	4.3	6	15	26	1.66
CC43287		0.26	0.004	1.0	0.59	13	<10	460	<0.5	<2	8.12	3.6	5	14	22	1.51
CC43288		0.22	0.004	<0.2	0.20	4	<10	50	<0.5	<2	17.4	0.5	2	3	2	0.50
CC43289		0.22	0.005	0.5	0.28	30	<10	140	<0.5	<2	11.40	8.3	7	3	16	1.52
CC43290		0.26	0.005	0.3	0.50	24	<10	70	<0.5	<2	9.33	0.5	7	9	23	1.83
CC43291		0.22	0.004	<0.2	0.15	18	<10	50	<0.5	<2	17.3	1.3	4	2	6	0.51

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CERTIFICATE OF ANALYSIS VA08131173

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC43285		<10	<1	0.09	10	4.91	322	2	0.02	38	980	28	0.05	<2	1	63
CC43286		<10	1	0.10	10	4.74	720	3	0.02	54	1010	38	0.06	<2	2	68
CC43287		<10	<1	0.08	10	5.14	485	3	0.02	48	1020	32	0.05	2	1	66
CC43288		<10	<1	0.02	<10	11.00	217	1	0.01	7	580	22	0.01	<2	<1	35
CC43289		<10	1	0.14	10	7.34	1205	1	0.01	15	610	163	0.03	5	1	34
CC43290		<10	<1	0.08	10	5.96	353	1	0.01	19	760	44	0.02	6	2	59
CC43291		<10	<1	0.03	<10	10.90	500	1	0.01	9	450	40	<0.01	<2	<1	37

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CERTIFICATE OF ANALYSIS VA08131173

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Zn-OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	0.01
CC43285		<20	0.02	<10	<10	30	<10	369	
CC43286		<20	0.02	<10	<10	35	<10	507	
CC43287		<20	0.02	<10	<10	35	<10	479	
CC43288		<20	0.01	<10	10	11	<10	102	
CC43289		<20	<0.01	<10	<10	8	<10	1785	
CC43290		<20	0.02	<10	<10	19	<10	158	
CC43291		<20	<0.01	<10	10	9	<10	239	

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Account: RCM

CERTIFICATE VA08131172

Project: RAU

P.O. No.:

This report is for 208 Soil samples submitted to our lab in Vancouver, BC, Canada on 15-SEP-2008.

The following have access to data associated with this certificate:

AL ARCHER BILL WENGZYNOWSKI	DOUG EATON	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
SCR-43	Screen to -500um, discard plus
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES

To: ATAC RESOURCES LTD.
ATTN: AL ARCHER
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.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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

Project: RAU

CERTIFICATE OF ANALYSIS VA08131172

Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CC43293		0.16	0.012	0.2	1.34	20	<10	180	0.5	2	5.73	1.3	8	26	22	2.60
CC43294		0.26	0.002	<0.2	0.14	11	<10	50	<0.5	<2	17.6	1.1	2	3	6	0.46
CC43295		0.34	0.001	<0.2	0.13	9	<10	60	<0.5	<2	18.0	0.6	2	2	3	0.39
CC43296		0.24	0.002	<0.2	0.25	11	<10	80	<0.5	<2	13.95	1.0	3	4	7	0.78
CC43297		0.16	0.003	<0.2	0.77	16	<10	400	<0.5	<2	7.39	1.4	6	18	19	1.67
CC43298		0.18	0.005	<0.2	1.00	17	<10	820	<0.5	<2	6.16	2.7	8	30	25	2.03
CC43299		0.30	0.003	0.3	0.34	7	<10	190	<0.5	<2	13.65	1.1	3	6	7	0.81
CC43300		0.36	0.002	<0.2	0.33	8	<10	160	<0.5	<2	14.1	1.0	2	6	7	0.73
CC43301		0.28	0.013	0.3	0.19	16	<10	120	<0.5	2	17.6	1.0	3	9	8	0.88
CC43302		0.26	0.012	0.4	0.21	18	<10	130	<0.5	2	16.5	1.1	4	9	9	0.95
CC43303		0.24	0.026	0.6	0.32	21	<10	210	<0.5	4	16.1	1.4	5	13	13	1.24
CC43304		0.24	0.036	0.5	0.43	25	<10	630	<0.5	29	14.40	1.5	6	17	15	1.57
CC43305		0.24	<0.001	0.4	0.30	16	<10	210	<0.5	3	15.6	1.0	4	12	11	1.08
CC43306		0.24	0.021	0.5	0.40	21	<10	470	<0.5	8	15.7	1.3	6	16	13	1.48
CC43307		0.24	0.004	1.0	1.25	19	<10	620	0.5	<2	0.87	2.1	8	26	32	2.56
CC43308		0.28	0.002	0.5	0.82	16	<10	660	<0.5	<2	1.30	2.1	6	18	22	2.04
CC43309		0.24	0.028	0.2	0.33	20	<10	330	<0.5	7	15.9	1.2	5	12	11	1.24
CC43310		0.32	0.014	0.4	0.28	20	<10	300	<0.5	4	17.8	1.1	5	14	10	1.18
CC43311		0.22	0.014	0.4	0.33	21	<10	390	<0.5	9	16.9	1.1	6	15	11	1.30
CC43312		0.24	0.013	0.4	0.19	24	<10	120	<0.5	<2	18.1	0.9	2	7	8	0.84
CC43313		0.26	0.018	0.4	0.19	26	<10	130	<0.5	3	17.7	0.9	3	6	8	0.87
CC43314		0.28	0.016	0.5	0.21	30	<10	160	<0.5	4	17.3	1.0	3	7	10	0.97
CC43315		0.28	0.004	0.2	0.89	12	<10	230	<0.5	<2	4.16	0.6	9	17	24	2.16
CC43316		0.24	0.004	0.4	0.81	9	<10	260	<0.5	3	5.65	0.7	7	16	22	1.89
CC43317		0.30	0.003	0.2	0.86	11	<10	250	<0.5	2	3.84	0.6	8	16	25	2.01
CC43318		0.26	0.015	0.5	0.45	20	<10	230	<0.5	4	14.7	1.0	5	13	15	1.38
CC43319		0.28	0.006	0.3	0.78	16	<10	290	<0.5	3	7.62	0.8	7	16	21	1.88
CC43320		0.14	0.004	1.2	1.08	21	<10	600	0.5	2	3.16	5.4	7	20	31	2.09
CC43321		0.22	0.001	0.2	0.71	9	<10	200	<0.5	2	18.2	0.7	9	21	22	2.22
CC43322		0.22	0.001	0.2	0.83	10	<10	420	<0.5	<2	11.65	0.7	8	22	19	2.17
CC43323		0.18	0.001	0.2	0.85	8	<10	610	<0.5	<2	11.50	0.8	8	24	19	2.26
CC43324		0.32	0.001	0.4	0.86	14	<10	970	<0.5	<2	11.95	0.8	9	26	22	2.49
CC43325		0.22	0.004	0.3	0.87	13	<10	300	<0.5	2	12.05	0.8	9	22	21	2.29
CC43326		0.22	0.003	<0.2	0.86	11	<10	500	<0.5	<2	14.05	0.8	9	25	19	2.26
CC43327		0.22	0.002	<0.2	0.79	11	<10	470	<0.5	<2	13.15	0.7	8	23	18	2.08
CC43328		0.30	0.002	0.2	0.81	13	<10	820	<0.5	3	15.5	0.9	9	29	17	2.26
CC43329		0.20	0.007	0.6	0.94	9	<10	350	<0.5	<2	1.20	1.3	7	21	18	2.00
CC43330		0.26	0.003	<0.2	0.83	13	<10	860	<0.5	2	15.2	0.8	9	28	17	2.28
CC43331		0.18	0.007	1.0	0.83	11	<10	470	<0.5	<2	2.22	1.4	6	28	21	1.76
CC43332		0.28	0.002	<0.2	0.56	10	<10	560	<0.5	2	12.80	1.5	5	11	14	1.37

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VANCOUVER BC V6B 1L8

Project: RAU

CERTIFICATE OF ANALYSIS VA08131172

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC43293		<10	<1	0.11	10	3.62	685	<1	0.03	21	1050	31	0.06	5	2	20
CC43294		<10	<1	0.04	<10	11.40	284	<1	0.02	4	390	27	<0.01	2	<1	32
CC43295		<10	<1	0.03	<10	11.60	255	<1	0.02	2	360	21	<0.01	2	<1	34
CC43296		<10	<1	0.07	10	9.59	284	<1	0.02	5	480	27	0.03	3	1	37
CC43297		<10	<1	0.12	10	4.29	418	1	0.03	26	880	19	0.04	3	2	59
CC43298		<10	1	0.15	10	3.93	249	3	0.03	49	1100	17	0.06	3	2	51
CC43299		<10	1	0.04	10	9.34	565	<1	0.02	7	390	67	0.01	3	1	35
CC43300		<10	<1	0.03	10	8.98	527	<1	0.02	7	370	62	0.01	<2	1	34
CC43301		<10	1	0.04	10	10.90	587	2	0.02	12	460	117	<0.01	2	1	72
CC43302		<10	<1	0.04	10	10.00	613	1	0.02	14	470	123	<0.01	2	1	72
CC43303		<10	<1	0.05	10	9.50	713	2	0.02	19	590	151	<0.01	2	1	80
CC43304		<10	1	0.06	10	8.85	618	1	0.02	22	670	179	0.06	2	2	86
CC43305		<10	<1	0.05	10	9.36	551	1	0.02	16	510	123	<0.01	2	1	74
CC43306		<10	<1	0.07	10	8.65	608	1	0.02	23	650	136	0.05	2	1	94
CC43307		<10	1	0.12	20	0.46	831	3	0.02	38	990	44	0.04	5	3	33
CC43308		<10	<1	0.12	10	0.50	409	3	0.02	29	1100	37	0.06	3	2	44
CC43309		<10	<1	0.05	10	9.46	562	1	0.02	16	580	122	0.05	2	1	82
CC43310		<10	<1	0.04	10	10.00	550	1	0.02	18	550	115	<0.01	5	1	94
CC43311		<10	<1	0.05	10	9.31	537	1	0.02	20	580	121	0.05	3	1	97
CC43312		<10	1	0.05	10	10.90	453	<1	0.02	11	360	102	<0.01	2	1	78
CC43313		<10	<1	0.04	10	10.75	500	<1	0.02	12	370	118	<0.01	3	1	75
CC43314		<10	<1	0.05	10	10.45	521	1	0.02	14	410	124	<0.01	3	1	75
CC43315		<10	<1	0.11	10	2.07	583	<1	0.02	22	800	21	0.02	<2	3	52
CC43316		<10	1	0.11	10	2.93	503	<1	0.03	22	760	35	0.02	3	2	57
CC43317		<10	1	0.10	10	1.86	535	<1	0.02	23	770	23	0.02	4	3	51
CC43318		<10	<1	0.07	10	8.44	572	1	0.02	19	580	100	0.03	4	1	86
CC43319		<10	<1	0.10	10	4.03	515	<1	0.02	22	790	53	0.02	3	2	65
CC43320		<10	<1	0.12	10	1.15	682	2	0.02	37	1020	87	0.10	4	2	30
CC43321		<10	<1	0.12	10	1.91	407	1	0.02	32	540	36	<0.01	<2	3	194
CC43322		<10	<1	0.12	10	3.18	411	1	0.03	29	620	33	0.04	2	3	132
CC43323		<10	<1	0.13	10	2.80	416	1	0.03	29	660	40	0.04	<2	3	136
CC43324		<10	<1	0.12	10	2.75	497	1	0.03	32	700	55	0.05	<2	3	149
CC43325		<10	<1	0.14	10	3.74	596	1	0.03	31	620	38	0.03	<2	3	130
CC43326		<10	<1	0.13	10	2.77	554	1	0.03	31	630	42	0.04	<2	3	166
CC43327		<10	<1	0.11	10	2.60	528	1	0.03	29	590	39	0.04	<2	3	156
CC43328		<10	<1	0.11	10	2.56	584	1	0.03	33	620	45	0.05	<2	2	187
CC43329		<10	<1	0.08	10	0.47	420	2	0.03	23	950	18	0.04	<2	2	36
CC43330		<10	1	0.12	10	2.84	546	1	0.03	32	660	41	0.06	<2	2	187
CC43331		<10	<1	0.10	10	0.62	215	3	0.02	34	1030	20	0.06	<2	2	47
CC43332		<10	<1	0.08	10	6.58	463	2	0.03	17	480	30	0.04	<2	2	88

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VANCOUVER BC V6B 1L8

Project: RAU

CERTIFICATE OF ANALYSIS VA08131172

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
CC43293		<20	0.02	<10	<10	43	<10	188
CC43294		<20	<0.01	<10	10	7	<10	177
CC43295		<20	<0.01	<10	<10	7	<10	134
CC43296		<20	0.01	<10	<10	9	<10	203
CC43297		<20	0.03	<10	<10	34	<10	160
CC43298		<20	0.05	<10	<10	63	<10	285
CC43299		<20	0.02	<10	<10	16	<10	197
CC43300		<20	0.02	<10	<10	15	<10	184
CC43301		<20	0.01	<10	10	20	10	303
CC43302		<20	0.01	<10	<10	19	<10	333
CC43303		<20	0.01	<10	<10	23	<10	443
CC43304		<20	0.01	<10	<10	25	10	519
CC43305		<20	0.01	<10	<10	20	<10	379
CC43306		<20	0.01	<10	<10	22	<10	439
CC43307		<20	0.02	<10	<10	53	<10	267
CC43308		<20	0.01	<10	<10	43	<10	250
CC43309		<20	0.01	<10	10	22	<10	389
CC43310		<20	0.01	<10	10	21	<10	326
CC43311		<20	0.01	<10	10	21	<10	356
CC43312		<20	0.01	<10	10	17	<10	236
CC43313		<20	0.01	<10	10	16	<10	260
CC43314		<20	0.01	<10	10	17	<10	278
CC43315		<20	0.03	<10	<10	30	<10	111
CC43316		<20	0.03	<10	<10	28	<10	156
CC43317		<20	0.03	<10	<10	29	<10	131
CC43318		<20	0.01	<10	<10	22	<10	302
CC43319		<20	0.03	<10	<10	28	<10	215
CC43320		<20	0.01	<10	<10	40	<10	649
CC43321		<20	0.05	<10	<10	17	<10	244
CC43322		<20	0.05	<10	<10	24	<10	245
CC43323		<20	0.05	<10	<10	25	<10	254
CC43324		<20	0.05	<10	<10	26	<10	276
CC43325		<20	0.04	<10	<10	23	<10	279
CC43326		<20	0.06	<10	<10	24	<10	246
CC43327		<20	0.06	<10	<10	22	<10	229
CC43328		<20	0.08	<10	<10	22	<10	227
CC43329		<20	0.03	<10	<10	39	<10	136
CC43330		<20	0.08	<10	<10	23	<10	231
CC43331		<20	0.02	<10	<10	33	<10	157
CC43332		<20	0.02	<10	<10	20	<10	408

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VANCOUVER BC V6B 1L8

Project: RAU

Finalized Date: 6-OCT-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08131172

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
CC43333		0.24	0.003	0.2	0.61	8	<10	450	<0.5	<2	12.35	1.6	5	11	15	1.42
CC43334		0.22	0.002	0.3	0.58	10	<10	480	<0.5	2	12.30	1.5	5	11	13	1.35
CC43335		0.32	0.002	0.2	0.58	12	<10	570	<0.5	2	12.25	1.7	5	11	14	1.39
CC43336		0.26	0.002	0.3	0.70	10	<10	600	<0.5	<2	11.50	1.9	5	13	16	1.55
CC43337		0.26	0.002	0.2	0.50	12	<10	340	<0.5	2	12.65	1.5	4	9	12	1.24
CC43338		0.34	0.001	0.2	0.49	9	<10	300	<0.5	<2	12.65	1.5	4	9	13	1.21
CC43339		0.22	0.002	0.2	0.49	12	<10	310	<0.5	<2	13.50	1.5	4	9	11	1.16
CC43340		0.28	0.002	<0.2	0.50	9	<10	390	<0.5	2	14.1	1.5	4	9	12	1.25
CC43341		0.24	0.002	<0.2	0.45	7	<10	160	<0.5	<2	18.7	1.1	5	8	12	1.38
CC43342		0.18	0.002	0.5	0.74	12	<10	690	<0.5	<2	11.30	1.6	6	18	18	1.74
CC43343		0.30	0.004	0.2	0.66	11	<10	510	<0.5	<2	12.05	1.5	6	16	16	1.65
CC43344		0.32	0.003	0.3	0.86	13	<10	880	<0.5	4	9.46	3.1	8	21	19	2.04
CC43345		0.24	0.002	0.2	0.68	12	<10	490	<0.5	3	10.95	1.4	5	16	17	1.63
CC43346		0.32	0.006	0.4	0.94	13	<10	770	<0.5	3	7.51	2.3	7	20	22	1.99
CC43347		0.30	0.002	0.3	0.94	14	<10	1170	0.5	2	7.04	2.1	5	20	16	1.66
CC43348		0.22	0.003	0.3	0.98	14	<10	730	0.5	2	9.10	2.4	5	19	20	1.54
CC43349		0.26	0.001	<0.2	1.82	7	<10	320	0.5	3	17.7	1.6	4	22	11	1.20
CC43350		0.26	0.001	0.2	1.02	7	<10	470	<0.5	2	17.0	1.6	2	13	8	0.87
CC43351		0.20	0.005	<0.2	0.36	18	<10	100	<0.5	2	12.85	0.6	3	7	6	0.90
CC43352		0.22	0.003	<0.2	0.44	18	<10	120	<0.5	3	12.10	0.6	3	8	8	1.05
CC43353		0.16	0.008	<0.2	0.35	20	<10	120	<0.5	2	14.70	0.7	3	8	8	0.92
CC43354		0.22	0.018	<0.2	0.26	18	<10	100	<0.5	2	16.4	0.7	2	7	6	0.81
CC43355		0.22	0.013	0.3	0.27	28	<10	190	<0.5	2	16.6	1.3	3	8	9	1.12
CC43356		0.12	0.023	0.7	0.56	66	<10	270	<0.5	11	11.45	2.4	6	13	18	2.03
CC43357		0.26	0.015	0.5	0.24	44	<10	130	<0.5	5	15.7	1.7	3	6	12	1.10
CC43358		0.30	0.002	<0.2	0.19	28	<10	140	<0.5	2	16.0	1.2	1	2	6	0.59
CC43359		0.20	0.005	0.2	0.36	37	<10	180	<0.5	3	15.4	1.4	2	6	10	0.97
CC43360		0.22	0.009	0.3	0.19	61	<10	90	<0.5	5	15.8	0.7	2	4	8	0.93
CC43361		0.18	0.004	0.2	0.36	31	<10	170	<0.5	3	15.1	1.3	3	5	9	0.91
CC43362		0.14	0.008	0.4	0.41	40	<10	200	<0.5	4	13.45	1.7	3	7	12	1.13
CC43363		0.14	0.009	0.3	0.24	68	<10	90	<0.5	4	16.1	0.8	2	4	9	1.04
CC43364		0.16	0.009	0.4	0.39	41	<10	200	<0.5	4	14.8	1.6	3	7	12	1.12
CC43365		0.20	0.009	0.4	0.37	42	<10	220	<0.5	4	13.20	1.4	3	6	12	1.10
CC43366		0.38	0.010	0.4	0.31	40	<10	230	<0.5	4	14.2	1.4	3	6	11	1.07
CC43367		0.24	0.012	0.4	0.41	46	<10	300	<0.5	6	13.95	1.7	3	8	14	1.35
CC43368		0.32	0.002	<0.2	0.24	7	<10	120	<0.5	<2	16.3	0.7	2	2	5	0.61
CC43369		0.38	0.001	<0.2	0.20	6	<10	130	<0.5	<2	15.8	0.7	1	2	4	0.52
CC43370		0.40	0.002	<0.2	0.20	4	<10	120	<0.5	<2	16.6	0.7	2	2	4	0.51
CC43371		0.26	0.002	<0.2	0.28	6	<10	140	<0.5	<2	15.1	0.8	3	3	6	0.64
CC43372		0.30	0.003	<0.2	0.32	8	<10	160	<0.5	<2	15.2	0.8	2	4	8	0.75

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
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Project: RAU

CERTIFICATE OF ANALYSIS VA08131172

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC43333		<10	<1	0.09	10	6.54	470	1	0.03	18	460	33	0.03	<2	2	88
CC43334		<10	<1	0.09	10	6.51	436	1	0.03	17	450	32	0.03	<2	2	86
CC43335		<10	<1	0.08	10	6.38	493	2	0.03	18	450	32	0.04	<2	2	85
CC43336		<10	<1	0.09	10	6.09	552	2	0.03	21	520	37	0.04	<2	2	79
CC43337		<10	<1	0.07	10	6.52	420	2	0.03	15	420	29	0.03	<2	2	85
CC43338		<10	<1	0.07	10	6.68	441	1	0.03	15	390	31	0.03	<2	2	85
CC43339		<10	<1	0.07	10	6.99	429	2	0.03	14	370	29	0.04	<2	2	86
CC43340		<10	<1	0.08	10	6.79	428	1	0.03	14	420	30	0.04	2	2	89
CC43341		<10	<1	0.08	10	4.76	373	1	0.02	16	310	24	<0.01	<2	2	148
CC43342		<10	<1	0.11	10	4.74	455	2	0.03	24	610	32	0.05	<2	2	101
CC43343		<10	<1	0.08	10	4.87	472	1	0.03	23	570	32	0.04	<2	2	104
CC43344		<10	1	0.12	10	4.66	519	2	0.03	30	680	38	0.06	<2	2	87
CC43345		<10	<1	0.09	10	4.75	427	2	0.03	22	590	30	0.04	<2	2	95
CC43346		<10	<1	0.11	10	3.71	507	2	0.03	29	740	30	0.06	<2	2	76
CC43347		<10	<1	0.09	10	4.09	404	2	0.04	25	730	22	0.06	<2	2	63
CC43348		<10	<1	0.10	10	5.46	513	2	0.04	25	650	27	0.05	<2	2	72
CC43349		10	<1	0.21	10	7.33	453	1	0.03	17	190	33	<0.01	<2	3	143
CC43350		<10	<1	0.15	10	9.79	533	1	0.03	11	180	32	<0.01	<2	2	104
CC43351		<10	<1	0.05	10	8.33	415	1	0.02	7	470	35	0.01	<2	1	36
CC43352		<10	<1	0.07	10	7.85	419	1	0.03	9	520	34	0.01	<2	1	37
CC43353		<10	<1	0.05	10	9.36	412	2	0.02	10	460	52	0.03	<2	1	64
CC43354		<10	<1	0.04	10	10.25	369	2	0.02	8	440	50	<0.01	<2	1	68
CC43355		<10	<1	0.04	10	9.77	751	2	0.02	9	440	211	0.02	<2	1	59
CC43356		<10	<1	0.11	10	7.24	1165	2	0.03	19	700	439	0.03	4	2	61
CC43357		<10	<1	0.03	10	10.10	772	2	<0.01	12	400	234	<0.01	2	1	66
CC43358		<10	<1	0.02	<10	10.55	405	<1	<0.01	5	260	71	<0.01	<2	1	41
CC43359		<10	<1	0.04	10	9.63	528	<1	<0.01	9	420	102	<0.01	2	1	41
CC43360		<10	<1	0.03	<10	10.35	379	<1	<0.01	10	300	116	<0.01	<2	1	45
CC43361		<10	<1	0.04	<10	9.50	560	<1	<0.01	8	380	100	<0.01	<2	1	42
CC43362		<10	<1	0.05	10	9.03	704	<1	<0.01	11	450	151	<0.01	2	1	45
CC43363		<10	<1	0.04	<10	10.05	416	<1	<0.01	9	360	101	<0.01	<2	1	44
CC43364		<10	<1	0.05	10	9.45	691	<1	<0.01	11	440	162	<0.01	<2	1	49
CC43365		<10	<1	0.05	10	8.87	669	<1	<0.01	11	430	152	<0.01	<2	1	45
CC43366		<10	<1	0.04	10	9.24	625	<1	<0.01	10	440	141	<0.01	2	1	48
CC43367		<10	<1	0.06	10	9.33	699	1	<0.01	13	550	186	<0.01	<2	1	51
CC43368		<10	<1	0.03	<10	10.90	318	<1	<0.01	4	420	33	<0.01	<2	1	41
CC43369		<10	<1	0.02	<10	10.50	328	<1	<0.01	4	350	33	<0.01	<2	<1	36
CC43370		<10	<1	0.02	<10	10.80	335	<1	<0.01	4	340	33	<0.01	<2	<1	37
CC43371		<10	<1	0.03	<10	10.10	391	<1	<0.01	6	410	42	<0.01	<2	1	37
CC43372		<10	<1	0.04	10	9.97	442	<1	<0.01	6	460	53	<0.01	<2	1	38

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Project: RAU

Finalized Date: 6-OCT-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08131172

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
CC43333		<20	0.02	<10	<10	20	<10	487
CC43334		<20	0.02	<10	<10	19	<10	469
CC43335		<20	0.02	<10	<10	20	<10	475
CC43336		<20	0.02	<10	<10	25	<10	509
CC43337		<20	0.02	<10	<10	17	<10	453
CC43338		<20	0.02	<10	<10	16	<10	479
CC43339		<20	0.02	<10	<10	16	<10	459
CC43340		<20	0.02	<10	<10	17	<10	457
CC43341		<20	0.02	<10	<10	12	<10	312
CC43342		<20	0.03	<10	<10	24	<10	371
CC43343		<20	0.03	<10	<10	23	<10	338
CC43344		<20	0.03	<10	<10	27	<10	443
CC43345		<20	0.03	<10	<10	24	<10	338
CC43346		<20	0.02	<10	<10	32	<10	340
CC43347		<20	0.02	<10	<10	38	10	326
CC43348		<20	0.03	<10	<10	36	<10	426
CC43349		<20	0.05	<10	<10	26	<10	570
CC43350		<20	0.03	<10	<10	18	<10	650
CC43351		<20	0.02	<10	<10	16	<10	110
CC43352		<20	0.02	<10	<10	18	<10	111
CC43353		<20	0.01	<10	10	21	<10	174
CC43354		<20	0.01	<10	10	20	<10	158
CC43355		<20	0.01	<10	<10	27	<10	428
CC43356		<20	0.03	<10	<10	29	10	1015
CC43357		<20	0.01	<10	<10	23	<10	529
CC43358		<20	0.01	<10	<10	12	<10	272
CC43359		<20	0.01	<10	<10	19	<10	373
CC43360		<20	0.01	<10	<10	20	<10	228
CC43361		<20	0.01	<10	<10	18	<10	335
CC43362		<20	0.01	<10	<10	21	<10	446
CC43363		<20	0.01	<10	<10	19	<10	218
CC43364		<20	0.01	<10	<10	21	<10	458
CC43365		<20	0.01	<10	<10	20	<10	435
CC43366		<20	0.01	<10	<10	19	<10	411
CC43367		<20	0.01	<10	<10	24	<10	531
CC43368		<20	0.02	<10	<10	11	<10	163
CC43369		<20	0.01	<10	<10	10	<10	168
CC43370		<20	0.01	<10	<10	10	<10	176
CC43371		<20	0.01	<10	<10	12	<10	211
CC43372		<20	0.02	<10	<10	15	<10	249

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Project: RAU

CERTIFICATE OF ANALYSIS VA08131172

Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CC43373		0.26	0.003	<0.2	0.31	9	<10	170	<0.5	3	15.5	0.8	2	4	7	0.77
CC43374		0.28	0.003	<0.2	0.28	12	<10	160	<0.5	2	15.0	0.7	2	4	6	0.74
CC43375		0.22	0.003	<0.2	0.30	11	<10	160	<0.5	<2	14.6	0.9	2	4	7	0.76
CC43376		0.30	0.003	<0.2	0.32	13	<10	170	<0.5	<2	15.1	0.9	3	4	7	0.80
CC43377		0.24	0.003	<0.2	0.49	14	<10	240	<0.5	2	12.00	1.0	3	8	9	1.10
CC43378		0.18	0.003	<0.2	3.64	21	<10	540	<0.5	15	1.33	1.0	52	162	133	8.78
CC43379		0.20	0.002	<0.2	1.98	13	<10	390	<0.5	2	12.50	0.6	17	82	39	3.65
CC43380		0.22	0.001	0.3	1.04	6	<10	150	<0.5	2	17.4	0.5	2	12	9	0.76
CC43381		0.32	0.001	<0.2	0.88	7	<10	140	<0.5	<2	18.7	0.5	2	9	10	0.74
CC43382		0.26	0.001	<0.2	1.17	4	<10	130	<0.5	2	20.0	0.5	2	12	11	0.75
CC43383		0.30	0.002	<0.2	0.70	7	<10	200	0.5	5	18.7	<0.5	2	7	14	0.62
CC43384		0.30	0.001	<0.2	0.57	5	<10	100	<0.5	2	19.0	<0.5	1	5	8	0.50
CC43385		0.34	0.001	<0.2	0.81	2	<10	100	<0.5	<2	18.9	<0.5	1	8	10	0.61
CC43386		0.32	0.002	<0.2	0.74	5	<10	90	<0.5	2	18.5	<0.5	2	7	10	0.65
CC43387		0.36	0.003	<0.2	0.74	6	<10	250	<0.5	<2	10.20	<0.5	5	18	19	1.22
CC43388		0.26	0.003	<0.2	0.75	6	<10	130	<0.5	2	17.6	<0.5	2	8	11	0.78
CC43389		0.36	0.002	0.2	1.04	8	<10	330	<0.5	<2	5.13	0.5	7	19	23	1.99
CC43390		0.36	0.002	<0.2	0.89	7	<10	290	<0.5	<2	7.31	<0.5	5	17	17	1.64
CC43391		0.30	0.006	<0.2	1.01	7	<10	310	<0.5	<2	5.68	0.5	6	18	20	1.85
CC43392		0.36	0.003	0.2	1.03	9	<10	290	<0.5	<2	5.04	<0.5	7	19	21	1.92
CC43393		0.30	0.002	0.2	1.04	8	<10	270	<0.5	2	7.25	0.5	6	19	21	1.76
CC43394		0.32	0.001	<0.2	0.83	8	<10	170	<0.5	3	15.1	<0.5	4	13	13	1.05
CC43395		0.30	0.003	<0.2	0.84	10	<10	160	<0.5	2	16.6	<0.5	4	13	11	0.96
CC43396		0.38	0.003	0.4	0.99	19	<10	300	<0.5	4	11.90	0.9	6	18	22	1.53
CC43397		0.26	0.004	0.2	1.02	16	<10	280	<0.5	3	13.10	1.1	6	17	22	1.50
CC43398		0.28	0.004	<0.2	1.11	15	<10	150	<0.5	<2	2.57	<0.5	11	40	13	2.58
CC43399		0.28	0.005	0.9	0.91	16	<10	310	<0.5	<2	5.95	2.3	6	20	18	1.83
CC43400		0.24	0.006	1.3	0.92	17	<10	300	<0.5	<2	6.05	1.9	6	20	19	1.92
CC43401		0.28	0.001	<0.2	0.66	9	<10	480	<0.5	<2	17.4	1.4	2	9	10	0.80
CC43402		0.28	0.001	<0.2	0.63	15	<10	500	<0.5	<2	16.9	1.3	3	10	13	0.86
CC43403		0.22	0.002	0.2	0.57	29	<10	420	<0.5	4	17.4	1.3	2	8	15	0.76
CC43404		0.28	0.002	0.2	0.68	27	<10	510	<0.5	2	16.9	1.4	3	10	15	0.87
CC43405		0.24	0.002	0.2	0.74	35	<10	450	<0.5	3	17.0	1.6	4	10	18	0.89
CC43406		0.34	0.002	0.2	0.78	23	<10	470	<0.5	<2	16.2	1.4	3	11	16	0.92
CC43407		0.26	0.002	0.2	0.70	23	<10	740	<0.5	2	16.4	1.6	3	11	15	0.94
CC43408		0.26	0.002	<0.2	0.72	24	<10	670	<0.5	<2	15.8	1.7	3	11	17	1.02
CC43409		0.26	0.002	0.2	0.75	22	<10	380	<0.5	<2	15.8	1.3	3	11	15	0.90
CC43410		0.20	0.003	0.5	0.88	9	<10	290	0.6	<2	9.83	4.3	6	17	27	1.54
CC43411		0.30	0.002	0.4	0.54	9	<10	180	0.5	3	16.1	4.2	3	8	18	0.90
CC43412		0.26	0.001	0.4	0.54	8	<10	170	0.5	3	16.5	4.2	4	8	19	0.89

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Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC43373		<10	<1	0.04	10	9.71	418	<1	<0.01	7	470	51	<0.01	<2	1	40
CC43374		<10	<1	0.03	<10	9.48	387	<1	<0.01	6	450	48	<0.01	<2	1	38
CC43375		<10	<1	0.04	<10	9.63	410	<1	<0.01	6	440	51	<0.01	<2	1	39
CC43376		<10	<1	0.04	10	9.89	388	<1	<0.01	6	500	52	<0.01	<2	1	41
CC43377		<10	<1	0.05	10	8.05	415	<1	<0.01	10	580	47	0.01	3	1	38
CC43378		10	<1	1.44	10	5.16	495	<1	0.01	208	460	54	0.43	<2	15	12
CC43379		10	<1	0.22	10	3.17	669	<1	<0.01	68	600	29	0.03	<2	4	158
CC43380		<10	<1	0.36	10	11.00	336	<1	<0.01	10	130	16	<0.01	<2	2	120
CC43381		<10	<1	0.31	10	10.70	312	<1	<0.01	8	130	21	<0.01	<2	2	135
CC43382		<10	<1	0.40	10	9.25	260	<1	0.01	8	110	15	<0.01	<2	2	161
CC43383		<10	<1	0.24	<10	10.20	453	<1	<0.01	22	110	31	<0.01	<2	1	127
CC43384		<10	<1	0.20	<10	10.75	317	<1	<0.01	7	90	11	<0.01	<2	1	120
CC43385		<10	<1	0.27	<10	10.35	274	<1	<0.01	7	110	12	<0.01	<2	1	132
CC43386		<10	<1	0.21	<10	10.05	289	<1	<0.01	6	130	12	<0.01	<2	1	129
CC43387		<10	<1	0.10	10	5.86	329	<1	0.01	15	520	9	<0.01	<2	2	76
CC43388		<10	<1	0.15	<10	8.56	303	<1	<0.01	8	220	11	<0.01	<2	1	124
CC43389		<10	<1	0.15	10	2.91	336	<1	0.02	23	760	9	0.06	<2	3	63
CC43390		<10	<1	0.13	10	4.04	300	<1	0.01	18	660	8	0.06	<2	2	73
CC43391		<10	<1	0.15	10	3.27	325	<1	0.02	20	740	7	0.05	<2	3	66
CC43392		<10	<1	0.14	10	2.73	342	<1	0.01	21	740	10	0.05	<2	3	61
CC43393		<10	1	0.16	10	3.72	405	<1	0.04	20	600	10	0.06	<2	3	70
CC43394		<10	<1	0.16	10	8.20	404	<1	0.03	12	320	10	0.02	2	2	102
CC43395		<10	<1	0.17	10	8.97	463	<1	0.02	13	280	11	0.01	5	1	108
CC43396		<10	1	0.17	10	6.29	492	1	0.03	24	510	17	0.02	4	2	94
CC43397		<10	1	0.19	10	6.96	527	1	0.03	24	460	16	0.02	3	2	100
CC43398		<10	<1	0.13	10	1.73	467	<1	0.01	36	1370	18	0.05	5	3	34
CC43399		<10	<1	0.11	10	3.51	416	<1	0.02	16	840	119	0.05	<2	2	41
CC43400		<10	<1	0.11	10	3.62	428	<1	0.02	18	830	99	0.04	<2	2	40
CC43401		<10	1	0.09	10	10.65	579	1	0.02	12	230	25	<0.01	2	1	80
CC43402		<10	<1	0.08	10	10.50	553	<1	0.02	13	270	24	0.01	<2	1	82
CC43403		<10	<1	0.08	10	10.65	687	1	0.02	12	210	25	<0.01	<2	1	78
CC43404		<10	<1	0.08	10	9.99	639	<1	0.02	13	260	25	<0.01	3	1	81
CC43405		<10	<1	0.09	10	10.10	770	1	0.02	14	240	28	<0.01	3	1	82
CC43406		<10	<1	0.09	10	9.62	681	1	0.02	15	270	25	0.01	3	1	80
CC43407		<10	<1	0.10	10	10.10	627	<1	0.03	14	290	27	0.02	5	1	85
CC43408		<10	<1	0.10	10	9.80	700	<1	0.02	17	320	28	0.02	4	2	84
CC43409		<10	<1	0.09	10	9.56	570	<1	0.02	15	290	23	<0.01	<2	2	81
CC43410		<10	1	0.09	10	6.09	599	2	0.03	46	670	39	0.02	2	2	65
CC43411		<10	1	0.05	10	10.35	635	1	0.02	34	330	49	<0.01	3	1	82
CC43412		<10	<1	0.05	10	10.55	640	1	0.02	39	340	53	0.01	4	1	82

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Project: RAU

Finalized Date: 6-OCT-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08131172

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
CC43373		<20	0.02	<10	<10	15	<10	241
CC43374		<20	0.01	<10	<10	13	<10	228
CC43375		<20	0.02	<10	<10	14	<10	235
CC43376		<20	0.02	<10	<10	15	<10	244
CC43377		<20	0.02	<10	<10	20	<10	336
CC43378		<20	0.13	<10	<10	95	<10	280
CC43379		<20	0.15	<10	<10	42	<10	257
CC43380		<20	0.03	<10	<10	14	<10	188
CC43381		<20	0.03	<10	<10	11	<10	182
CC43382		<20	0.04	<10	<10	14	<10	124
CC43383		<20	0.02	<10	<10	10	10	223
CC43384		<20	0.02	<10	10	8	10	86
CC43385		<20	0.03	<10	<10	11	<10	100
CC43386		<20	0.02	<10	<10	10	<10	100
CC43387		<20	0.04	<10	<10	25	<10	75
CC43388		<20	0.03	<10	<10	13	10	108
CC43389		<20	0.06	<10	<10	35	<10	96
CC43390		<20	0.05	<10	<10	29	<10	85
CC43391		<20	0.06	<10	<10	33	<10	94
CC43392		<20	0.06	<10	<10	33	<10	102
CC43393		<20	0.05	<10	<10	31	10	110
CC43394		<20	0.03	<10	<10	19	10	106
CC43395		<20	0.04	<10	<10	19	10	107
CC43396		<20	0.04	<10	<10	30	<10	157
CC43397		<20	0.04	<10	<10	28	10	192
CC43398		<20	0.05	<10	<10	35	<10	136
CC43399		<20	0.02	<10	<10	28	<10	790
CC43400		<20	0.01	<10	<10	28	<10	669
CC43401		<20	0.02	<10	10	20	<10	489
CC43402		<20	0.02	<10	10	21	<10	477
CC43403		<20	0.02	<10	10	19	<10	492
CC43404		<20	0.02	<10	10	22	<10	469
CC43405		<20	0.02	<10	10	23	<10	541
CC43406		<20	0.03	<10	<10	24	<10	511
CC43407		<20	0.02	<10	<10	23	<10	550
CC43408		<20	0.02	<10	<10	25	<10	585
CC43409		<20	0.03	<10	10	22	<10	469
CC43410		<20	0.03	<10	<10	40	<10	493
CC43411		<20	0.01	<10	10	24	10	500
CC43412		<20	0.01	<10	<10	23	10	568

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CERTIFICATE OF ANALYSIS VA08131172

Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CC43413		0.32	0.001	0.4	0.53	11	<10	220	0.5	4	16.9	4.9	4	7	20	0.96
CC43414		0.26	0.001	0.5	0.35	10	<10	150	<0.5	<2	18.5	2.4	3	4	14	0.63
CC43415		0.24	0.002	0.2	0.88	18	<10	410	<0.5	2	11.85	2.6	4	15	21	1.31
CC43416		0.24	0.001	0.3	0.80	14	<10	440	<0.5	<2	14.1	2.6	4	13	18	1.16
CC43417		0.30	0.007	0.3	0.82	16	<10	590	<0.5	<2	12.35	2.4	4	14	18	1.21
CC43418		0.30	0.002	<0.2	0.82	18	<10	1340	<0.5	<2	11.65	1.9	3	15	17	1.15
CC43419		0.22	0.002	0.2	0.81	7	<10	2260	0.5	<2	4.84	1.0	3	19	15	1.71
CC43420		0.22	0.003	0.5	1.21	11	<10	1070	0.8	2	0.91	1.3	7	25	38	2.33
CC43421		0.28	0.002	0.4	0.87	4	<10	2090	0.5	<2	1.96	<0.5	3	17	15	1.62
CC43422		0.28	0.002	0.6	0.89	6	<10	910	0.7	<2	6.65	1.1	3	20	14	1.48
CC43423		0.20	0.002	0.5	0.87	7	<10	2050	0.7	2	0.56	0.6	4	20	16	2.15
CC43424		0.28	0.005	<0.2	1.54	15	<10	200	<0.5	3	16.0	0.8	14	52	34	3.01
CC43425		0.40	0.025	<0.2	1.45	138	<10	590	<0.5	7	17.2	0.8	14	51	32	3.19
CC43426		0.32	0.057	0.3	1.33	333	<10	970	<0.5	14	17.1	0.8	15	49	30	3.54
CC43427		0.32	0.067	<0.2	1.45	309	<10	530	<0.5	9	15.9	0.9	14	49	34	3.36
CC43428		0.26	0.179	0.3	1.30	416	<10	790	<0.5	16	14.4	1.0	13	44	32	3.60
CC43429		0.26	0.077	0.2	1.48	299	<10	460	<0.5	8	13.65	1.1	13	47	34	3.20
CC43430		0.34	0.107	0.2	1.36	324	<10	580	<0.5	8	13.65	1.0	12	46	29	3.20
CC43431		0.22	0.007	0.2	1.37	29	<10	1450	<0.5	4	10.45	2.2	13	54	23	2.97
CC43432		0.28	0.008	0.4	1.21	41	<10	1550	<0.5	5	10.60	3.9	12	48	23	2.93
CC43433		0.20	0.009	0.4	1.38	39	<10	1160	<0.5	4	10.45	1.5	13	56	25	3.13
CC43434		0.28	0.014	0.6	1.18	50	<10	1940	<0.5	14	10.45	2.2	12	47	24	2.94
CC43435		0.22	0.024	0.5	0.90	29	<10	400	<0.5	2	9.53	2.6	9	26	21	2.22
CC43436		0.22	0.051	0.3	1.34	115	<10	590	<0.5	4	7.48	2.3	11	35	23	2.90
CC43437		0.32	0.033	0.3	1.36	182	<10	990	<0.5	4	11.00	1.9	12	44	23	3.18
CC43438		0.26	0.032	0.2	1.32	174	<10	670	<0.5	9	10.40	2.1	12	43	26	3.00
CC43439		0.28	0.021	0.8	1.33	159	<10	780	<0.5	6	10.65	1.4	12	38	23	2.91
CC43440		0.34	0.053	0.5	1.25	206	<10	670	<0.5	5	12.00	1.4	12	41	20	2.87
CC43441		0.32	0.006	0.3	1.68	52	<10	440	<0.5	<2	5.49	0.7	14	37	22	3.05
CC43442		0.36	0.015	0.3	1.50	79	<10	610	<0.5	2	7.72	1.0	13	36	22	2.93
CC43443		0.24	0.004	0.4	1.53	77	<10	490	<0.5	2	7.01	1.3	13	35	28	2.94
CC43444		0.26	0.017	0.5	1.50	75	<10	610	<0.5	4	7.14	1.2	13	35	25	2.92
CC43445		0.24	0.021	0.4	1.46	93	<10	610	<0.5	3	7.90	1.1	13	36	23	2.91
CC43446		0.20	0.162	0.4	1.41	109	<10	870	<0.5	4	8.10	1.1	13	36	21	2.96
CC43447		0.22	0.017	0.2	1.18	65	<10	2000	<0.5	2	4.47	1.0	10	29	19	2.50
CC43448		0.28	0.034	0.2	1.18	64	<10	1810	<0.5	3	5.34	1.3	10	30	22	2.49
CC43449		0.28	0.028	0.2	1.21	59	<10	1810	<0.5	3	5.49	1.2	10	29	20	2.45
CC43450		0.28	0.031	0.3	1.15	85	<10	1370	<0.5	3	6.71	1.0	11	29	19	2.48
CC43451		0.34	0.002	<0.2	1.06	18	<10	180	<0.5	<2	0.76	<0.5	9	19	13	3.14
CC43452		0.34	0.004	0.5	0.90	14	<10	1850	0.5	<2	8.20	1.4	6	21	19	1.84

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CERTIFICATE OF ANALYSIS VA08131172

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC43413		<10	<1	0.05	10	10.80	751	1	0.02	50	330	59	<0.01	2	1	84
CC43414		<10	<1	0.04	10	11.75	677	1	0.01	29	210	47	<0.01	4	1	84
CC43415		<10	1	0.11	10	7.83	600	<1	0.03	26	500	27	0.01	<2	2	72
CC43416		<10	1	0.11	10	9.05	572	1	0.03	22	440	27	0.02	4	2	79
CC43417		<10	1	0.09	10	8.09	539	1	0.03	22	470	26	0.02	4	2	77
CC43418		<10	<1	0.09	10	7.33	521	1	0.03	21	450	22	0.03	3	1	76
CC43419		<10	1	0.09	10	0.32	380	<1	0.04	17	630	11	0.06	3	1	71
CC43420		<10	1	0.09	10	0.37	386	1	0.02	26	810	18	0.04	2	3	27
CC43421		<10	<1	0.06	10	0.19	120	<1	0.05	19	580	6	0.12	<2	1	38
CC43422		<10	<1	0.07	10	0.21	211	1	0.05	16	620	7	0.05	3	1	92
CC43423		10	<1	0.07	10	0.18	309	4	0.02	16	480	27	0.04	3	2	21
CC43424		<10	<1	0.23	10	2.99	634	<1	0.02	53	490	31	0.04	4	4	189
CC43425		<10	<1	0.23	10	2.70	598	<1	0.02	53	490	36	<0.01	3	4	199
CC43426		<10	<1	0.20	10	2.85	642	<1	0.02	51	540	42	<0.01	<2	4	203
CC43427		<10	1	0.22	10	2.98	657	<1	0.02	50	640	36	<0.01	4	4	183
CC43428		<10	1	0.23	10	3.17	652	1	0.02	50	790	36	0.09	5	3	155
CC43429		10	<1	0.21	10	3.22	671	1	0.02	48	730	33	0.07	2	4	177
CC43430		<10	<1	0.19	10	3.30	928	1	0.02	46	730	34	0.07	2	3	171
CC43431		<10	1	0.13	10	4.19	491	<1	0.02	48	870	45	0.09	<2	3	131
CC43432		<10	1	0.11	10	5.09	654	1	0.02	46	880	59	0.10	2	3	111
CC43433		<10	1	0.12	10	4.98	559	1	0.02	53	850	58	0.08	4	3	120
CC43434		<10	1	0.10	10	5.58	615	1	0.02	44	920	81	0.11	<2	3	107
CC43435		<10	1	0.12	10	5.99	631	2	0.02	31	900	85	0.08	<2	2	59
CC43436		<10	<1	0.15	10	2.98	927	<1	0.03	35	950	32	0.09	2	3	78
CC43437		<10	1	0.15	10	3.84	850	<1	0.02	43	860	38	0.10	3	3	123
CC43438		<10	<1	0.15	10	3.52	846	1	0.02	40	810	35	0.07	2	3	122
CC43439		<10	1	0.12	10	4.27	754	<1	0.02	40	900	34	0.08	<2	3	103
CC43440		10	1	0.12	10	4.44	702	<1	0.02	40	780	34	0.07	2	3	124
CC43441		10	<1	0.13	10	2.77	492	1	0.02	42	1420	18	0.05	<2	3	72
CC43442		<10	1	0.12	10	3.30	540	<1	0.02	41	1220	27	0.06	<2	3	88
CC43443		10	1	0.14	10	2.99	590	1	0.02	43	1180	26	0.06	<2	3	85
CC43444		<10	1	0.13	10	3.09	545	<1	0.02	40	1180	23	0.06	<2	3	86
CC43445		<10	1	0.14	10	3.46	616	<1	0.02	39	1140	25	0.07	<2	3	89
CC43446		<10	<1	0.14	10	3.47	751	1	0.02	40	1130	26	0.07	<2	3	90
CC43447		<10	<1	0.13	10	2.42	539	2	0.02	35	1210	19	0.08	4	2	59
CC43448		<10	2	0.13	10	2.54	554	1	0.02	34	1080	17	0.09	4	2	67
CC43449		<10	1	0.13	10	2.53	567	1	0.02	35	1120	18	0.09	<2	2	71
CC43450		<10	<1	0.11	10	2.92	628	1	0.02	34	1110	18	0.07	2	2	79
CC43451		<10	1	0.12	20	0.46	538	<1	0.01	20	920	12	0.04	2	2	56
CC43452		<10	1	0.09	10	4.56	266	<1	0.02	27	730	25	0.09	<2	2	89

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Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
CC43413		<20	0.01	<10	10	23	20	664
CC43414		<20	0.01	<10	10	12	<10	416
CC43415		<20	0.03	<10	<10	31	<10	565
CC43416		<20	0.03	<10	<10	27	10	579
CC43417		<20	0.03	<10	<10	30	10	512
CC43418		<20	0.03	<10	<10	31	<10	438
CC43419		<20	0.03	<10	<10	35	10	138
CC43420		<20	0.03	<10	<10	48	10	182
CC43421		<20	0.03	<10	<10	29	<10	110
CC43422		<20	0.03	<10	<10	34	10	146
CC43423		<20	0.02	<10	<10	39	<10	117
CC43424		<20	0.10	<10	<10	31	<10	302
CC43425		<20	0.09	<10	<10	29	10	281
CC43426		<20	0.08	<10	<10	29	30	258
CC43427		<20	0.08	<10	<10	31	10	282
CC43428		<20	0.07	<10	<10	31	30	295
CC43429		<20	0.08	<10	<10	31	10	391
CC43430		<20	0.07	<10	<10	30	10	399
CC43431		<20	0.09	<10	<10	35	<10	544
CC43432		<20	0.07	<10	<10	32	<10	723
CC43433		<20	0.10	<10	<10	37	<10	571
CC43434		<20	0.09	<10	<10	34	10	947
CC43435		<20	0.03	<10	<10	28	<10	883
CC43436		<20	0.06	<10	<10	37	<10	581
CC43437		<20	0.07	<10	<10	34	10	497
CC43438		<20	0.07	<10	<10	33	<10	496
CC43439		<20	0.07	<10	<10	36	<10	465
CC43440		<20	0.08	<10	<10	32	<10	433
CC43441		<20	0.07	<10	<10	48	<10	281
CC43442		<20	0.07	<10	<10	42	<10	436
CC43443		<20	0.07	<10	<10	43	<10	527
CC43444		<20	0.07	<10	<10	43	<10	461
CC43445		<20	0.07	<10	<10	42	<10	446
CC43446		<20	0.07	<10	<10	41	10	419
CC43447		<20	0.06	<10	<10	57	<10	297
CC43448		<20	0.06	<10	<10	51	<10	371
CC43449		<20	0.06	<10	<10	51	<10	365
CC43450		<20	0.06	<10	<10	45	<10	350
CC43451		<20	0.02	<10	<10	29	<10	96
CC43452		<20	0.03	<10	<10	34	10	294

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To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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Project: RAU

Finalized Date: 6-OCT-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08131172

Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CC43453		0.32	0.014	0.3	0.95	14	<10	930	<0.5	<2	7.35	1.5	7	19	18	1.90
CC43454		0.28	0.002	0.3	0.89	13	<10	550	<0.5	<2	7.56	1.3	6	17	18	1.71
CC43455		0.34	0.003	<0.2	0.96	5	<10	590	<0.5	<2	5.64	1.0	7	18	17	2.05
CC43456		0.36	0.003	0.3	1.01	13	<10	490	0.5	<2	6.28	1.8	8	19	24	1.89
CC43457		0.32	0.002	0.2	0.94	12	<10	780	<0.5	<2	8.91	1.6	6	17	17	1.59
CC43458		0.30	0.004	0.3	1.02	12	<10	1250	0.5	2	6.24	1.9	8	21	19	2.14
CC43459		0.18	0.003	0.5	1.08	10	<10	370	0.5	<2	0.93	1.3	7	24	15	2.29
CC43460		0.32	0.003	0.5	1.16	11	<10	600	0.5	<2	1.29	1.1	9	24	21	2.23
CC43461		0.30	0.002	0.3	1.15	9	<10	210	0.5	<2	1.18	0.9	9	21	14	2.26
CC43462		0.38	0.004	0.4	1.59	11	<10	310	0.7	<2	0.55	0.6	11	28	29	3.30
CC43463		0.40	0.004	0.7	0.90	8	<10	470	<0.5	<2	3.82	0.7	6	17	21	1.93
CC43464		0.40	0.003	0.6	1.16	9	<10	470	0.6	<2	1.71	1.1	8	23	25	2.32
CC43465		0.38	0.003	0.5	1.16	13	<10	310	0.6	<2	1.18	1.2	10	23	27	2.50
CC43466		0.42	0.003	0.2	1.01	11	<10	230	0.5	<2	2.26	0.8	10	20	26	2.52
CC43467		0.30	0.003	0.3	1.17	11	<10	380	0.6	<2	1.86	1.4	25	22	31	3.11
CC43468		0.34	0.003	0.5	1.02	6	<10	210	0.6	<2	0.92	0.6	6	19	25	1.95
CC43469		0.38	0.004	0.5	1.21	7	<10	220	0.8	<2	0.65	0.6	8	23	26	2.37
CC43470		0.26	0.004	0.7	1.15	8	<10	220	0.7	<2	1.17	1.1	7	22	29	2.22
CC43471		0.30	0.002	1.0	0.46	<2	<10	20	<0.5	<2	23.0	2.7	5	1	70	2.67
CC43472		0.44	0.003	0.7	0.91	8	<10	250	0.6	2	0.64	0.6	7	18	33	2.12
CC43473		0.36	0.003	0.6	0.73	6	<10	140	<0.5	<2	4.48	0.6	5	12	25	1.89
CC43474		0.36	0.003	1.1	1.06	9	<10	110	0.5	<2	3.04	0.8	6	20	33	2.28
CC43475		0.28	0.002	2.2	0.39	2	<10	50	<0.5	<2	7.64	0.9	2	5	14	0.94
CC43476		0.32	0.003	0.3	1.08	12	<10	350	0.5	<2	1.41	1.1	18	20	21	2.65
CC43477		0.30	0.001	0.5	1.14	11	<10	320	0.6	<2	1.44	1.1	20	22	24	2.83
CC43478		0.34	0.001	<0.2	1.01	6	<10	260	0.5	<2	1.39	0.8	12	20	21	2.33
CC43479		0.28	<0.001	0.5	1.30	13	<10	350	0.7	<2	1.37	1.3	19	24	27	2.79
CC43480		0.38	0.004	0.4	1.05	11	<10	310	<0.5	<2	3.31	0.5	9	19	22	2.30
CC43481		0.36	0.008	0.4	1.11	12	<10	300	0.5	<2	1.82	0.9	16	20	23	2.47
CC43482		0.28	0.009	0.4	1.24	17	<10	350	0.6	<2	1.75	1.3	20	22	26	2.77
CC43483		0.26	0.003	0.5	1.18	10	<10	320	0.6	<2	1.60	1.1	19	21	27	2.69
CC43484		0.36	0.008	0.5	1.19	12	<10	320	0.6	<2	1.89	1.0	18	21	27	2.70
CC43485		0.36	0.008	0.6	1.17	14	<10	360	0.6	<2	1.75	1.2	23	21	26	2.83
CC43486		0.32	0.004	0.5	1.04	13	<10	360	0.6	<2	1.95	0.7	11	19	22	2.54
CC43487		0.24	0.003	0.4	1.28	16	<10	370	0.7	<2	1.95	1.5	19	23	29	2.92
CC43488		0.26	0.012	0.4	0.35	39	<10	110	<0.5	2	15.3	1.1	4	8	11	1.10
CC43489		0.32	0.018	0.7	0.12	31	<10	80	<0.5	3	18.5	0.9	2	4	6	0.68
CC43490		0.34	0.017	0.7	0.13	36	<10	80	<0.5	3	17.9	1.0	2	5	6	0.68
CC43491		0.38	0.020	0.7	0.14	40	<10	80	<0.5	3	17.9	1.1	2	5	7	0.70
CC43492		0.34	0.017	0.7	0.13	33	<10	80	<0.5	<2	17.9	1.1	1	4	6	0.62

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CERTIFICATE OF ANALYSIS VA08131172

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC43453		<10	1	0.12	10	4.39	444	<1	0.02	23	750	19	0.06	2	2	66
CC43454		<10	1	0.10	10	4.25	442	<1	0.02	24	700	17	0.05	<2	2	64
CC43455		<10	1	0.11	10	3.39	506	<1	0.02	27	790	15	0.05	2	2	51
CC43456		<10	<1	0.11	10	3.39	734	1	0.02	26	770	18	0.07	<2	2	64
CC43457		<10	1	0.11	10	5.12	545	<1	0.02	25	630	20	0.05	<2	2	69
CC43458		<10	<1	0.12	10	3.70	473	<1	0.02	27	870	18	0.08	<2	2	68
CC43459		<10	<1	0.10	10	0.37	585	<1	0.02	19	880	57	0.09	<2	2	27
CC43460		<10	<1	0.11	10	0.46	575	<1	0.02	22	780	37	0.07	<2	2	46
CC43461		<10	<1	0.10	10	0.53	591	<1	0.03	21	600	24	0.04	<2	2	42
CC43462		<10	<1	0.16	20	0.50	495	1	0.02	31	950	33	0.03	2	3	33
CC43463		<10	1	0.10	10	1.40	390	<1	0.03	19	840	31	0.04	4	3	60
CC43464		<10	<1	0.10	10	0.68	515	<1	0.02	23	830	36	0.07	2	2	44
CC43465		<10	1	0.10	10	0.62	514	1	0.02	29	840	35	0.05	2	2	37
CC43466		<10	<1	0.10	10	1.09	719	1	0.02	26	880	18	0.03	<2	2	46
CC43467		<10	<1	0.12	10	0.72	3560	1	0.02	46	880	25	0.05	2	3	53
CC43468		<10	<1	0.07	10	0.27	219	1	0.03	24	640	17	0.06	2	2	33
CC43469		<10	<1	0.11	10	0.34	251	1	0.03	29	720	21	0.05	2	2	28
CC43470		<10	<1	0.12	10	0.34	292	1	0.03	28	770	30	0.06	<2	2	36
CC43471		<10	<1	0.01	<10	0.04	369	1	0.03	24	530	3	1.1	<2	<1	437
CC43472		<10	<1	0.07	10	0.26	292	1	0.02	28	640	24	0.04	2	2	26
CC43473		<10	<1	0.07	10	0.28	301	1	0.04	23	580	21	0.06	3	1	69
CC43474		<10	<1	0.05	10	0.37	279	1	0.03	24	710	47	0.04	3	2	52
CC43475		<10	<1	0.02	<10	0.09	120	<1	0.02	7	400	86	0.07	3	<1	89
CC43476		<10	<1	0.10	10	0.71	2110	<1	0.02	32	860	23	0.06	3	2	38
CC43477		<10	1	0.11	10	0.68	2490	<1	0.02	34	900	22	0.06	<2	2	40
CC43478		<10	1	0.06	10	0.76	747	<1	0.02	27	900	21	0.06	3	2	34
CC43479		<10	1	0.13	10	0.65	2800	<1	0.03	38	920	27	0.07	<2	3	42
CC43480		<10	<1	0.10	10	1.83	504	<1	0.02	23	920	15	0.06	<2	3	48
CC43481		<10	<1	0.11	10	0.97	1760	<1	0.02	32	860	19	0.06	2	2	40
CC43482		<10	<1	0.13	10	0.88	2510	<1	0.03	38	890	21	0.07	2	3	44
CC43483		<10	1	0.11	10	0.78	2650	<1	0.02	36	900	23	0.06	<2	2	41
CC43484		<10	1	0.12	10	0.94	2350	<1	0.02	35	900	20	0.07	<2	3	44
CC43485		<10	1	0.12	10	0.89	4130	<1	0.02	41	870	21	0.06	5	3	43
CC43486		<10	1	0.11	10	1.15	910	<1	0.03	28	820	24	0.06	<2	2	36
CC43487		<10	<1	0.14	10	1.03	2770	<1	0.03	38	920	23	0.07	<2	3	45
CC43488		<10	<1	0.05	<10	9.89	624	1	0.03	16	560	143	0.05	2	1	67
CC43489		<10	<1	0.02	<10	12.00	483	1	0.03	10	300	110	<0.01	2	1	76
CC43490		<10	1	0.02	<10	11.60	503	<1	0.02	12	330	119	<0.01	<2	1	73
CC43491		<10	1	0.02	<10	11.55	511	<1	0.02	11	330	127	<0.01	4	1	73
CC43492		<10	1	0.02	<10	11.55	523	<1	0.02	10	300	126	<0.01	<2	1	74

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CERTIFICATE OF ANALYSIS VA08131172

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
CC43453		<20	0.03	<10	<10	35	<10	231
CC43454		<20	0.03	<10	<10	31	<10	225
CC43455		<20	0.03	<10	<10	34	<10	162
CC43456		<20	0.02	<10	<10	34	<10	259
CC43457		<20	0.03	<10	<10	33	<10	322
CC43458		<20	0.03	<10	<10	38	20	240
CC43459		<20	0.02	<10	<10	36	<10	225
CC43460		<20	0.02	<10	<10	38	<10	177
CC43461		<20	0.03	<10	<10	36	<10	144
CC43462		<20	0.02	<10	<10	45	<10	175
CC43463		<20	0.04	<10	<10	33	<10	137
CC43464		<20	0.02	<10	<10	38	<10	200
CC43465		<20	0.02	<10	<10	37	<10	224
CC43466		<20	0.02	<10	<10	33	<10	141
CC43467		<20	0.02	<10	<10	37	<10	238
CC43468		<20	0.02	<10	<10	33	10	120
CC43469		<20	0.03	<10	<10	40	20	139
CC43470		<20	0.03	<10	<10	37	10	165
CC43471		<20	<0.01	<10	<10	2	<10	669
CC43472		<20	0.02	<10	<10	33	30	157
CC43473		<20	0.02	<10	<10	23	10	124
CC43474		<20	0.02	<10	<10	35	<10	184
CC43475		<20	0.01	<10	<10	9	<10	175
CC43476		<20	0.02	<10	<10	35	<10	197
CC43477		<20	0.02	<10	<10	37	<10	194
CC43478		<20	0.03	<10	<10	33	<10	158
CC43479		<20	0.02	<10	<10	40	<10	207
CC43480		<20	0.03	<10	<10	34	<10	101
CC43481		<20	0.02	<10	<10	34	<10	159
CC43482		<20	0.02	<10	<10	38	<10	193
CC43483		<20	0.02	<10	<10	37	<10	180
CC43484		<20	0.02	<10	<10	36	<10	171
CC43485		<20	0.02	<10	<10	36	<10	198
CC43486		<20	0.02	<10	<10	33	30	151
CC43487		<20	0.02	<10	<10	39	<10	215
CC43488		<20	0.01	<10	<10	23	<10	319
CC43489		<20	<0.01	<10	<10	18	<10	237
CC43490		<20	<0.01	<10	<10	18	<10	259
CC43491		<20	<0.01	<10	<10	18	<10	275
CC43492		<20	<0.01	<10	<10	18	<10	260

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Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CC43493		0.34	0.018	0.8	0.18	35	<10	110	<0.5	2	17.8	1.1	3	6	8	0.84
CC43494		0.36	0.005	1.9	1.04	14	<10	920	0.6	<2	1.39	2.4	11	20	26	2.10
CC43495		0.24	0.016	0.4	0.18	32	<10	160	<0.5	2	17.5	0.9	3	6	7	0.87
CC43496		0.22	0.006	3.4	0.93	14	<10	1530	0.7	<2	1.38	6.6	35	20	33	2.07
CC43497		0.26	0.004	0.2	1.46	10	<10	410	0.7	<2	2.18	1.0	11	25	32	2.88
CC43498		0.18	0.004	0.5	1.53	13	<10	750	0.7	<2	1.69	0.8	9	23	19	3.05
CC43499		0.42	0.004	0.4	1.21	9	<10	380	0.6	<2	9.74	0.6	9	17	30	2.50
CC43500		0.30	0.003	<0.2	1.01	9	<10	350	<0.5	<2	1.64	0.6	8	17	18	1.93

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Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC43493		<10	<1	0.03	<10	11.35	557	1	0.03	12	410	137	<0.01	2	1	74
CC43494		<10	<1	0.10	10	0.41	645	<1	0.02	28	780	201	0.08	4	2	26
CC43495		<10	1	0.04	<10	11.15	480	1	0.02	13	400	120	<0.01	<2	1	76
CC43496		<10	1	0.11	10	0.37	2060	1	0.02	65	970	425	0.08	4	2	28
CC43497		10	1	0.17	10	1.36	459	1	0.04	28	1000	28	0.04	2	4	41
CC43498		<10	2	0.14	10	0.78	626	<1	0.03	19	640	43	0.07	<2	3	26
CC43499		<10	1	0.20	10	3.49	750	<1	0.02	26	720	38	0.06	2	3	101
CC43500		<10	<1	0.09	10	0.77	378	<1	0.02	20	760	18	0.05	<2	2	32

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Finalized Date: 6-OCT-2008
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CERTIFICATE OF ANALYSIS VA08131172

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
CC43493		<20	0.01	<10	<10	20	<10	299
CC43494		<20	0.01	<10	<10	33	<10	499
CC43495		<20	0.01	<10	<10	18	<10	268
CC43496		<20	0.01	<10	<10	29	<10	717
CC43497		<20	0.03	<10	<10	48	<10	160
CC43498		<20	0.02	<10	<10	47	<10	133
CC43499		<20	0.02	<10	<10	33	<10	130
CC43500		<20	0.02	<10	<10	31	<10	98

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VANCOUVER BC V6B 1L8

Finalized Date: 8-OCT-2008
Account: RCM

CERTIFICATE VA08131171

Project: RAU

P.O. No.:

This report is for 46 Rock samples submitted to our lab in Vancouver, BC, Canada on 15-SEP-2008.

The following have access to data associated with this certificate:

AL ARCHER BILL WENGZYNOWSKI	DOUG EATON	JOAN MARIACHER

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	
ME-MS61	48 element four acid ICP-MS	
Au-AA26	Ore Grade Au 50g FA AA finish	AAS

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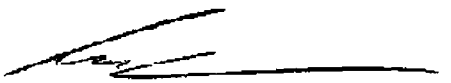
This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS VA08131171

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
Sample Description 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
C104913	0.94	0.01	0.02	0.07	1.9	30	<0.05	0.27	0.16	0.08	0.66	0.5	30	0.49	4.1
C104914	0.52	<0.01	0.03	2.58	4.1	220	0.6	0.16	1.37	0.11	13.75	4.2	14	0.63	8.9
C104915	0.57	<0.01	0.1	0.17	1290	70	0.05	0.15	0.34	43	3.71	0.6	2	0.12	6.1
C104916	0.71	<0.01	0.18	1.55	2040	310	0.33	0.15	0.28	68.1	17.7	3	17	2.4	63.35
C104917	0.84	<0.01	0.29	0.02	8.6	10	<0.05	0.12	0.01	0.2	0.21	0.5	16	0.54	5.3
C104918	0.68	0.01	0.5	0.05	10.5	10	0.05	0.26	0.04	0.09	0.2	7.1	14	0.54	21.2
C104919	1.31	<0.01	1.86	5.36	15.5	970	2.62	0.86	1.27	0.1	14.75	33.6	110	9.88	671
C104920	0.64	0.21	1.15	0.05	42.1	10	0.05	1.93	0.35	1.44	1.87	11.2	14	0.67	129
C104921	1.64	<0.01	0.79	1.43	12.5	130	0.8	1.2	0.81	5.57	5.51	20.8	48	3.78	187
C104922	0.90	<0.01	0.28	1.25	10.3	60	1.1	0.33	0.46	6.19	1.51	15.5	42	1.49	94.4
C104923	1.82	<0.01	1.41	0.42	42.4	10	0.51	28.5	0.12	1.22	1.73	16.5	22	0.83	191
C104924	1.29	0.01	8.61	0.18	157.5	10	0.16	159.5	0.03	2.2	2.47	30.5	14	0.6	405
C104925	1.04	0.19	11.45	1.5	130.5	30	1.62	268	5.68	1.18	5.13	16	19	1.09	254
C104926	1.12	<0.01	1.72	0.41	10.1	80	0.35	24.8	0.59	0.51	0.84	1.2	16	0.75	19.5
C104927	0.70	<0.01	0.18	0.13	7.2	30	0.09	1.94	0.22	0.06	0.63	2.2	16	0.61	11.7
C104928	0.96	<0.01	0.58	0.18	2.9	20	0.13	3.97	0.11	0.21	0.2	0.9	14	0.57	12.1
C104929	0.74	<0.01	1.64	0.57	15.8	50	0.31	42	0.68	0.31	3.35	7.8	21	1.46	100.5
C104930	0.44	<0.01	0.29	0.72	8.9	190	0.16	6.82	0.27	0.08	0.65	4.2	22	1.44	20.5
C104931	0.61	<0.01	1.94	0.98	40.4	70	0.58	1.17	0.17	0.15	2.1	18.7	30	1.17	276
C104932	0.73	0.02	6.06	6.38	59.6	160	4.43	9	0.27	1.99	11.45	71.2	117	7.31	2110
C104933	0.74	<0.01	0.98	0.43	<0.2	20	0.27	1045	0.56	0.11	2.28	30.1	11	3.58	1200
C104934	0.66	<0.01	6.54	0.2	114	20	0.08	383	0.19	0.36	10.05	121.5	<1	0.4	1475
C104935	0.66	<0.01	2.08	0.27	209	2030	0.24	1990	6.55	0.67	6.05	30.4	1	0.66	1145
C104936	1.37	<0.01	0.72	0.52	99.8	20	0.28	349	0.21	0.69	7.93	73.6	15	3.16	1940
C104937	0.93	<0.01	0.56	0.25	<0.2	10	<0.05	3530	6.83	0.16	8.62	12	9	1.14	1250
C104938	0.60	0.01	1.85	0.56	230	30	0.4	632	1.59	1.26	7.05	43.9	20	1.33	1720
C104939	1.06	<0.01	0.08	1.92	2.1	<10	1.97	3.78	0.72	0.17	2.69	3.7	46	0.54	15
C104940	0.38	<0.01	0.45	1.34	<0.2	270	0.2	13.2	3.86	0.21	13.95	286	18	1.98	1770
C104941	0.58	<0.01	1.02	1.58	7.1	150	0.32	1.6	0.04	<0.02	2.91	16.8	52	4.48	248
C104942	0.51	<0.01	0.04	0.23	0.8	<10	<0.05	2.62	0.33	0.07	0.69	0.9	20	0.64	10.7
C104943	0.53	0.01	2.87	0.79	32.9	520	0.31	5.21	0.77	9.89	10.6	444	11	1.99	2830
C104944	0.52	0.01	4.65	0.63	21.7	5940	0.22	0.72	1.25	9.28	9.6	342	9	1.23	2810
C104945	0.87	<0.01	1.43	0.17	102.5	300	0.06	0.42	0.59	2.17	2.42	443	13	0.3	1400
C104946	0.59	0.01	18.15	0.17	135	620	0.3	2.16	0.96	376	5.79	6.8	<1	0.38	533
C104947	0.47	<0.01	1.69	0.37	3.2	140	<0.05	6.47	0.28	1.68	4.84	145	3	0.43	2270
C104948	0.56	<0.01	0.85	2	1580	550	1.33	0.22	0.24	9.74	31.8	330	86	0.42	241
C104949	1.06	<0.01	0.37	7.22	11.1	380	0.51	0.29	2.57	7.32	28.3	22.7	223	9.09	84.3
G004927	1.21	<0.01	1.53	0.14	114	30	0.21	280	0.26	0.07	3.02	60.9	<1	0.51	1805
G004928	0.79	<0.01	1.09	0.1	0.9	<10	<0.05	5.58	0.01	0.56	0.68	717	4	0.86	3920
G004929	1.04	<0.01	0.45	3.45	2.5	150	0.44	2.07	3.4	0.12	9.62	146.5	81	17.4	1245

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Project: RAU

Finalized Date: 8-OCT-2008
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CERTIFICATE OF ANALYSIS VA08131171

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
C104913		0.35	0.26	<0.05	<0.1	<0.005	0.04	<0.5	2.5	0.03	154	0.41	0.03	0.2	3.6	20
C104914		1.83	7.58	0.08	0.5	0.027	0.4	6.9	13	0.56	1165	0.78	0.9	1.9	8.4	260
C104915		>50	0.44	0.65	<0.1	0.005	0.03	2.8	0.5	0.06	<5	4.46	<0.01	1	4.6	50
C104916		40.8	3.44	0.55	0.3	0.032	0.5	10.6	5.3	0.34	92	3.81	0.12	2.3	12.9	210
C104917		0.51	0.21	0.05	<0.1	<0.005	0.02	<0.5	1.9	<0.01	76	0.34	<0.01	0.3	1.5	10
C104918		0.61	0.29	<0.05	<0.1	<0.005	0.02	<0.5	1.4	0.01	42	0.19	<0.01	0.1	10.3	<10
C104919		5.85	15.65	0.16	0.8	0.087	4.1	5.7	32.5	1.02	690	13.55	0.19	5.6	174	860
C104920		2.06	0.25	0.06	<0.1	0.089	0.03	0.8	1.1	0.02	321	0.43	<0.01	0.2	84.8	20
C104921		1.77	5.05	0.07	0.1	0.093	0.99	2.3	16.8	0.25	895	0.44	0.01	1.6	97.1	220
C104922		1.17	5.67	0.05	0.1	0.047	0.64	0.6	12.8	0.12	599	0.54	<0.01	1.2	80.1	160
C104923		2.17	1.92	0.06	<0.1	0.067	0.09	0.7	3.6	0.09	364	0.52	0.02	0.2	92	70
C104924		7.42	0.81	0.13	<0.1	0.179	0.03	0.9	1.2	0.04	303	0.76	<0.01	0.3	235	70
C104925		4.76	5.25	0.1	<0.1	0.134	0.27	2	6.2	0.31	1010	1.32	0.09	0.4	152	90
C104926		0.57	1.22	<0.05	<0.1	0.017	0.23	<0.5	4	0.05	296	0.38	<0.01	0.3	8.1	50
C104927		0.43	0.48	<0.05	<0.1	0.007	0.11	<0.5	3.3	0.01	190	0.19	<0.01	0.2	7.1	30
C104928		0.38	0.53	<0.05	<0.1	<0.005	0.07	<0.5	2.1	0.02	95	0.29	<0.01	0.2	4.7	<10
C104929		0.94	1.79	0.05	<0.1	0.015	0.36	1.5	6.8	0.1	201	0.31	<0.01	0.6	36.4	330
C104930		0.64	1.7	0.05	<0.1	0.007	0.76	<0.5	5	0.05	251	0.66	0.01	0.5	16.9	40
C104931		4.36	4.37	0.08	<0.1	0.037	0.37	1	5.3	0.21	162	1	0.05	0.4	74.6	120
C104932		10.35	24.1	0.19	0.3	0.219	1.46	6.2	39.1	1.45	323	1.33	0.3	1.2	383	1050
C104933		37.8	6.45	0.75	0.1	0.045	0.24	1.2	8.4	4.96	242	8.54	<0.01	0.8	8.4	30
C104934		>50	1.46	0.67	<0.1	0.052	0.08	5.1	1	0.22	623	1.12	<0.01	1	24.7	40
C104935		45.7	1.58	<0.05	0.1	0.036	0.05	3.1	1.3	0.5	770	4.84	0.02	0.3	23.8	40
C104936		>50	3.67	0.46	0.2	0.062	0.21	4.9	3.1	1.34	545	6.14	<0.01	0.7	134	40
C104937		21.6	1.98	<0.05	0.2	0.024	0.08	5	1.9	5.92	484	2.42	<0.01	0.5	16.9	70
C104938		42	2.57	0.28	0.5	0.048	0.04	3.9	7.6	0.87	756	3.39	<0.01	1	50.3	90
C104939		1.42	7.12	<0.05	0.2	0.055	0.02	1.1	3.1	0.5	572	0.46	0.17	1.6	17.9	240
C104940		41.5	2.9	0.38	0.4	0.035	0.77	6.3	6	0.3	479	0.95	0.02	2.3	261	60
C104941		12	5.15	<0.05	0.2	0.053	1.03	1.3	29.5	0.51	153	32.9	0.01	0.4	32.7	150
C104942		0.5	0.56	<0.05	<0.1	<0.005	0.02	<0.5	2.5	0.06	42	0.33	0.09	0.2	3.4	20
C104943		50	1.92	0.4	0.2	0.122	0.18	4.5	1.4	0.1	1095	7.8	0.01	1.1	411	90
C104944		>50	1.34	0.4	0.2	0.117	0.15	4.8	1	0.1	706	8.96	0.07	0.9	374	80
C104945		18.3	0.54	0.1	<0.1	0.171	0.04	1.3	0.7	0.02	328	3.71	<0.01	0.2	460	20
C104946		35	3.19	0.24	0.1	0.121	0.09	3.7	0.8	0.08	84500	3.5	<0.01	0.3	12.4	20
C104947		>50	1.12	0.4	<0.1	0.069	0.35	1.7	0.8	0.16	863	7.6	0.01	0.3	481	20
C104948		49.7	5.77	0.96	1.2	0.02	0.95	16.5	5.2	0.45	2130	61.9	0.01	5	458	1360
C104949		9.29	19.95	0.11	1	0.023	4.33	14	22.2	3.64	1425	0.66	0.05	11.8	145.5	910
G004927		>50	0.82	0.33	0.1	0.038	0.06	1.7	0.9	0.84	342	1.79	<0.01	0.4	44.9	40
G004928		42.9	0.49	0.31	<0.1	0.037	0.06	<0.5	1.9	0.07	86	1.46	<0.01	0.3	578	<10
G004929		15.25	13.35	0.12	0.4	0.037	2.6	4	65.1	2.08	451	32.3	0.1	4.5	155	410

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
C104913		25.1	1.4	<0.002	<0.01	0.46	0.2	2	0.2	8.7	<0.05	<0.05	<0.2	0.005	0.04	<0.1
C104914		5.2	11.9	<0.002	0.01	0.47	6.2	2	0.6	177.5	0.11	0.06	1.2	0.116	0.09	0.6
C104915		236	1.6	<0.002	0.26	29.9	0.2	2	<0.2	32.5	<0.05	0.13	<0.2	<0.005	0.31	55.5
C104916		48.8	20.4	<0.002	0.05	12.4	3.1	4	0.4	22.9	0.11	0.09	1.9	0.077	0.34	59
C104917		2	1.1	<0.002	<0.01	0.34	0.1	2	0.2	1.6	<0.05	<0.05	<0.2	<0.005	0.02	0.2
C104918		4.9	1.7	<0.002	<0.01	0.31	0.1	2	0.4	2	<0.05	<0.05	<0.2	<0.005	0.02	<0.1
C104919		7	355	<0.002	0.09	0.87	8.8	3	27.7	87.2	0.27	0.05	2.6	0.225	1.83	1.2
C104920		11.1	2.7	<0.002	<0.01	0.65	1	2	0.4	2.5	<0.05	<0.05	<0.2	<0.005	0.1	0.2
C104921		4	115.5	<0.002	0.02	0.28	3.7	2	11.5	9.6	0.08	<0.05	0.5	0.072	0.58	0.4
C104922		2.1	72.1	<0.002	<0.01	0.26	3	2	14.1	4.4	0.05	<0.05	0.3	0.05	0.25	0.2
C104923		15.7	11.6	<0.002	<0.01	0.9	1.7	2	3.9	5.3	<0.05	0.09	0.4	0.011	0.11	0.2
C104924		24.5	3.1	<0.002	0.01	2.51	1.9	3	1.5	2.9	<0.05	0.41	<0.2	<0.005	0.15	0.3
C104925		123.5	33.9	<0.002	0.01	7.19	6.8	2	14.4	19.5	<0.05	0.24	0.2	0.019	0.19	0.4
C104926		15	22.8	<0.002	<0.01	2.35	0.7	2	3.5	3.7	<0.05	0.18	0.2	0.01	0.2	0.1
C104927		2.9	10.6	<0.002	<0.01	0.27	0.3	2	1.4	2	<0.05	<0.05	<0.2	0.007	0.07	<0.1
C104928		8.6	5.8	<0.002	<0.01	0.45	0.2	2	1.1	2.2	<0.05	<0.05	<0.2	<0.005	0.08	<0.1
C104929		28.2	39.2	<0.002	<0.01	1.83	1.4	2	3	10.7	<0.05	0.35	<0.2	0.024	0.22	0.1
C104930		4.7	65.4	<0.002	<0.01	0.38	0.5	2	1.8	8.5	<0.05	<0.05	<0.2	0.018	0.38	0.1
C104931		6.3	44.6	<0.002	0.1	1.23	1.7	2	4.2	25.6	<0.05	0.06	0.2	0.013	0.28	0.3
C104932		15.4	217	<0.002	0.05	2.41	15.2	2	33.6	51.9	0.05	0.08	1.7	0.107	0.96	1.2
C104933		78.7	62.7	0.002	0.09	4.23	1	3	2.1	5.6	<0.05	4.1	0.3	0.03	0.63	2.7
C104934		131.5	12.2	<0.002	0.09	7.22	2.6	2	0.7	1.7	<0.05	1.64	<0.2	<0.005	0.72	1.6
C104935		22.3	10.1	0.01	0.15	20.1	4.2	4	1.8	21.7	0.06	4.05	0.3	0.008	2.46	5.1
C104936		16.6	51	<0.002	0.11	1.42	2.3	2	2.1	2.4	<0.05	2.09	1.6	0.022	0.66	4.7
C104937		25.9	20.6	<0.002	0.08	7.69	2.1	2	1.1	24.6	<0.05	6.94	0.9	0.018	0.22	1.3
C104938		35.6	10.1	<0.002	0.07	75.6	4	6	1.1	6.7	0.06	3.38	0.8	0.037	7.03	2.6
C104939		2.7	3	<0.002	<0.01	0.32	2.9	2	12.2	25.2	0.08	<0.05	<0.2	0.06	0.05	0.2
C104940		4.8	50.9	<0.002	0.09	0.12	3	4	1.2	61.5	0.14	0.17	2.5	0.065	0.32	1.5
C104941		2.7	122	<0.002	0.39	0.14	3.9	3	6.1	4.2	<0.05	0.29	0.2	0.039	0.67	0.2
C104942		1.5	2.7	0.002	0.01	0.18	0.9	2	0.5	6.2	<0.05	<0.05	<0.2	0.007	0.05	<0.1
C104943		120	27.2	<0.002	0.08	5.63	1.7	2	1.7	7.4	0.06	0.07	0.8	0.027	0.68	2.6
C104944		426	17.8	<0.002	0.22	5.54	1.6	2	2.1	70.3	0.05	<0.05	0.9	0.022	0.51	3.5
C104945		59.3	4.5	<0.002	0.03	3.21	1.6	2	1.3	5.6	<0.05	<0.05	0.2	<0.005	0.5	0.9
C104946		4630	8.6	<0.002	0.03	6.89	0.1	9	368	64.4	<0.05	<0.05	0.3	<0.005	0.13	4.1
C104947		12.1	26.7	<0.002	1.64	0.6	3.8	4	2.6	9.3	<0.05	0.8	0.2	<0.005	0.23	1.1
C104948		967	20.2	0.002	0.01	114.5	3.6	4	1.3	6.5	0.24	0.27	3.2	0.088	0.79	18.1
C104949		88.5	96.1	<0.002	7.9	1.21	21.8	2	10.1	25.8	0.6	<0.05	1.9	0.639	0.94	0.6
G004927		7.2	7.4	<0.002	9.8	20.6	0.5	4	0.8	3.5	<0.05	4.18	0.2	0.006	0.74	5.2
G004928		7.8	10.4	<0.002	>10.0	0.11	0.1	12	1.1	1.1	<0.05	3.04	<0.2	0.007	0.13	0.1
G004929		7.5	370	0.002	5.23	0.42	8.8	3	9.3	47.5	0.23	0.53	1.9	0.238	1.87	0.8

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

Project: RAU

Finalized Date: 8-OCT-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08131171

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
C104913		2	<0.1	0.4	22	1.4
C104914		31	0.2	8.5	28	22.6
C104915		19	0.5	2.7	>10000	0.7
C104916		56	0.3	7.3	>10000	14.6
C104917		1	0.3	0.1	39	0.5
C104918		1	0.2	0.1	16	0.6
C104919		57	59.1	10.2	36	32.7
C104920		1	1	3	404	1
C104921		21	3.4	5	1005	9
C104922		17	2.4	3.2	1125	7.6
C104923		7	1.5	2.9	314	2.7
C104924		4	6	4.5	1020	1
C104925		13	1.7	12	562	3.6
C104926		4	5.1	1.7	100	2.8
C104927		2	1.9	0.7	21	1.5
C104928		1	0.8	0.3	35	<0.5
C104929		7	4.4	2.5	68	2.7
C104930		5	9	0.7	16	3.3
C104931		14	15.4	1.7	48	0.7
C104932		90	10.8	13.9	771	14.9
C104933		33	16.2	3.5	82	12.6
C104934		24	6.8	12.9	276	0.8
C104935		11	113	8.1	660	2.3
C104936		11	24.6	7.2	85	7.4
C104937		10	52.8	4	59	5.2
C104938		14	233	7.8	2390	14.5
C104939		15	5	2.8	58	5.7
C104940		14	2.6	8.3	37	13.4
C104941		22	21.2	2.9	20	6.2
C104942		6	0.9	0.4	11	1.1
C104943		12	63.3	7.4	2660	7
C104944		9	23.6	7.4	3150	5.9
C104945		4	85.8	1.7	1920	1.2
C104946		4	2.3	1.9	>10000	2.3
C104947		2	45.4	4.6	410	0.9
C104948		84	82.6	17	4760	45.1
C104949		146	0.7	13.1	1845	37.4
G004927		5	16.9	4.9	277	5
G004928		3	1.2	0.6	126	<0.5
G004929		66	6.4	6.8	52	12.5

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Project: RAU

Finalized Date: 8-OCT-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08131171

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
G004930		0.49	0.34	8.84	0.11	2030	3180	<0.05	5.57	11.35	30.6	35	1.6	4	0.16	177.5
G004931		0.43	<0.01	0.05	7.49	13.7	2920	1.01	0.42	0.37	0.3	45	37	338	1.98	124
G004932		0.60	0.04	4.53	0.1	2900	70	4.23	458	0.24	20.1	102	37.6	8	0.08	2900
G004933		0.97	0.01	1.63	0.91	104.5	690	0.2	0.52	0.37	0.84	15.25	57.7	129	0.16	253
G004934		0.51	0.16	8.96	0.82	5650	310	0.45	1.74	0.47	27.7	20.3	13.1	23	0.55	1530
G004935		1.58	<0.01	0.15	0.03	13.3	50	<0.05	0.41	0.34	0.25	0.38	1.2	17	0.16	8.7

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Project: RAU

CERTIFICATE OF ANALYSIS VA08131171

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
G004930		14.55	1.4	0.09	<0.1	0.185	0.02	27.9	1	0.12	155	5.54	0.03	0.2	113	830
G004931		18.5	21	0.3	0.8	0.066	4.55	23.1	49.9	1.47	373	9.04	0.06	1.8	201	1570
G004932		>50	1.79	2.31	<0.1	2.02	0.02	68.1	0.6	0.09	1790	39.7	<0.01	0.3	271	470
G004933		46.3	7.86	0.42	0.4	0.105	0.53	9.2	1.2	0.17	571	10.45	<0.01	1	347	5540
G004934		>50	4.46	0.52	0.1	3.09	0.14	11.6	1.5	0.17	1195	29.7	<0.01	1.3	228	2510
G004935		0.83	0.28	<0.05	<0.1	<0.005	0.01	<0.5	0.7	0.08	123	0.46	<0.01	0.2	5.7	60

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Project: RAU

CERTIFICATE OF ANALYSIS VA08131171

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
G004930		5150	0.9	<0.002	0.22	22.4	0.4	3	7.6	228	<0.05	0.14	<0.2	<0.005	0.11	6.1
G004931		53.2	93.2	<0.002	0.07	1.18	33.2	2	1.1	6.1	0.09	<0.05	4.3	0.179	0.41	3.3
G004932		5760	1.6	<0.002	0.14	160	0.3	26	37.6	2.1	<0.05	0.54	<0.2	<0.005	6.19	14.4
G004933		134	7.8	<0.002	0.6	10.15	4.7	3	2.4	171	<0.05	0.07	1.6	0.023	0.3	1.6
G004934		275	4.8	<0.002	0.11	23.1	1.6	4	1.6	11.1	0.06	0.24	0.7	0.021	0.42	57.8
G004935		18	0.5	<0.002	0.02	0.78	<0.1	2	0.4	4.9	<0.05	<0.05	<0.2	<0.005	0.07	0.1

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Project: RAU

CERTIFICATE OF ANALYSIS VA08131171

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
G004930		7	1	3.9	7910	0.5
G004931		191	0.3	6.3	821	27.2
G004932		41	47.7	38	>10000	1.4
G004933		64	0.1	10.5	936	15.7
G004934		63	1	21.3	>10000	5.1
G004935		2	0.1	0.2	107	<0.5

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Project: RAU

Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 8-OCT-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08131171

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

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Finalized Date: 6-OCT-2008
Account: RCM

CERTIFICATE VA08127526

Project: RAU

P.O. No.:

This report is for 24 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 8-SEP-2008.

The following have access to data associated with this certificate:

AL ARCHER BILL WENGZYNOWSKI	DOUG EATON	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

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

To: **ATAC RESOURCES LTD.**
ATTN: AL ARCHER
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.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Project: RAU

Finalized Date: 6-OCT-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08127526

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
H246585		3.12	0.01	0.04	0.76	14	70	0.3	1.67	20.6	0.06	7.23	3.4	8	5.16	2.4
H246586		6.64	0.01	0.24	7.27	85.1	1030	1.07	63.8	4.6	0.03	17.1	32.4	245	18.65	43.7
H246587		4.08	<0.01	0.03	6.39	13.1	300	0.54	3.54	7.48	0.05	24.7	19.9	182	27.2	77.4
H246588		5.14	<0.01	<0.01	5.96	4.4	1600	0.56	0.59	8.74	0.06	25.8	41.2	200	33.8	19.9
H246589		5.38	<0.01	0.07	6.85	2	1570	0.5	0.29	5.77	0.13	26.3	49.9	224	16.8	77.1
H246590		6.00	<0.01	0.15	6.78	1.8	2100	0.44	0.14	6.71	0.12	28.7	49.9	214	14	68.3
H246591		5.32	0.01	0.2	6.48	2	3730	0.49	0.08	6.82	0.14	29.8	47.8	208	14.25	166
H246592		1.04	<0.01	0.01	0.14	<5	50	<0.05	0.05	18.9	0.11	1.32	1.7	4	0.32	11.1
H246593		6.56	0.01	0.12	5.8	35.2	1000	0.46	1.12	7.25	0.08	23.3	40	158	11.9	84.7
H246594		2.40	0.03	0.11	5.3	81	310	0.82	2.94	10.85	0.24	16.95	30.7	137	35.5	52.2
H246595		4.12	0.39	0.16	0.64	983	280	0.37	11.7	15.85	0.08	6.31	5	15	2.68	17.9
H246596		4.66	1.16	0.88	0.37	1020	150	0.27	73.3	15.95	0.12	4.23	2	8	2.37	46.2
H246597		6.10	0.02	0.04	0.12	69	130	0.13	1.57	19.1	0.03	3.75	0.9	4	0.6	4.1
H246598		5.72	0.01	0.1	0.46	30	280	0.3	3.7	19.9	0.61	4.77	1.1	11	1.41	4.1
H246599		6.12	0.02	0.4	0.73	25	470	0.54	3.92	20.1	1.83	8.17	2.2	15	1.8	4.8
H246600		6.02	0.02	1.29	0.28	21	190	0.33	4.19	18.55	6.87	6.62	1.5	11	0.69	4.7
H246601		5.78	0.07	1.52	0.4	36	190	0.36	8.02	15.9	8.05	8.13	1.5	14	0.82	7.7
H246602		7.42	0.03	2.64	0.29	36	200	0.34	9.07	16.45	11.7	6.12	2	15	0.53	5.5
H246603		5.06	0.04	1.54	0.52	35	320	0.42	5.98	16.6	5.85	6.98	1.7	18	0.77	4.6
H246604		0.16	14.65	9.87	3.64	424	430	0.86	0.09	0.22	0.11	17.65	8	32	5.44	42.7
H246605		5.56	0.03	0.77	0.59	18	430	0.39	4.76	18.2	4.43	8.36	2.1	17	1.06	4.8
H246606		4.58	0.07	0.62	1.04	27	640	0.63	9.84	17.3	1.4	7.9	3.3	26	1.66	4.2
H246607		2.14	0.03	0.69	0.45	32	360	0.24	6.36	12.65	1.73	5.95	1.4	19	1.28	13.1
H246608		5.44	0.04	0.85	1.09	27	540	0.66	8.93	17.6	1.19	10.7	3	19	1.47	3.7

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

Project: RAU

Finalized Date: 6-OCT-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08127526

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
H246585		0.96	2.71	0.08	0.3	0.008	0.41	3.7	5.6	11.9	538	0.18	0.03	1.4	9.9	30
H246586		8.83	21	0.2	0.9	0.054	4.39	7.8	41.7	3.86	206	0.83	0.07	12	205	730
H246587		5.58	17.25	0.16	0.2	0.045	4.1	12	43.5	3.76	510	0.45	0.06	13.1	175.5	760
H246588		5.5	15.7	0.14	0.3	0.044	3.35	12.2	39.3	4.76	715	0.46	0.23	12.9	188.5	620
H246589		7.11	16.95	0.13	0.3	0.051	2.57	12.8	34.8	4.36	754	0.35	0.74	18.1	238	830
H246590		7.18	16.15	0.16	0.7	0.044	2.72	14.2	36.9	4.54	893	0.46	0.83	17.7	229	860
H246591		7.12	16.75	0.13	0.8	0.058	3.52	14.9	44.7	4.36	844	0.5	0.28	17.1	229	800
H246592		0.51	0.49	<0.05	<0.1	0.007	0.06	0.6	1.3	12.35	198	0.16	0.01	0.4	4.3	170
H246593		7.17	14.5	0.12	0.4	0.044	3.28	10.7	27.7	3.91	595	0.39	0.1	9.7	188.5	800
H246594		4.77	14.85	0.11	0.6	0.024	3.52	7.5	31.6	6.09	441	0.28	0.05	6.5	156.5	590
H246595		3.09	2.68	0.07	0.1	0.042	0.36	3.4	5.5	9.84	1095	0.38	0.02	0.9	19	50
H246596		5.51	1.79	0.09	0.1	0.037	0.22	2.4	4.5	10.15	1020	0.19	0.01	0.5	7.4	20
H246597		0.38	0.51	<0.05	<0.1	0.01	0.07	3.1	4.3	12.35	438	0.18	0.02	0.3	1.1	20
H246598		0.51	1.19	<0.05	0.2	0.025	0.23	2.8	4.1	10.7	384	0.86	0.01	1.8	3.1	20
H246599		1.5	2.31	0.05	0.3	0.329	0.37	4.7	5.3	8.8	2180	0.82	0.01	2.6	6.8	40
H246600		1.46	1.13	<0.05	0.2	0.193	0.13	3.6	3	10.45	2770	0.32	0.01	1.3	3.3	30
H246601		1.49	1.69	<0.05	0.2	0.158	0.17	4.2	3.3	9.14	1905	0.4	0.01	1.9	4.1	30
H246602		1.91	1.23	<0.05	0.2	0.206	0.13	3.1	2.5	10.05	2270	0.4	0.01	2.1	4.2	30
H246603		1.49	2.27	<0.05	0.2	0.083	0.22	3.4	3.1	10.2	1710	0.33	0.01	2	5.4	20
H246604		3.11	7.51	0.14	1.7	0.033	3.07	8.5	49.9	0.19	145	5.58	0.08	6.5	15.3	510
H246605		1.13	1.84	<0.05	0.3	0.08	0.29	4.5	5.5	9.95	1295	0.23	0.01	3	5.4	40
H246606		1.58	3.38	<0.05	0.4	0.053	0.53	4.2	7.6	10.15	847	0.29	0.01	5.4	10.4	30
H246607		1.89	1.49	<0.05	0.2	0.279	0.22	3.2	3	6.48	1630	0.29	0.02	1.9	3.8	20
H246608		1.92	3.32	0.05	0.5	0.173	0.56	6	5.9	10.3	1390	0.38	0.01	6.2	8	60

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: RAU

CERTIFICATE OF ANALYSIS VA08127526

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
H246585		3.9	69.4	0.002	1	0.35	1.9	1	0.7	75.8	0.1	0.06	0.8	0.045	0.39	0.6
H246586		3.7	256	0.002	9.92	1.52	25.7	<1	3.3	22.7	0.68	0.32	1.7	0.654	1.66	0.7
H246587		3.3	264	0.004	3.93	0.65	22.3	<1	4.1	45.6	0.73	0.06	1.5	0.6	1.59	0.4
H246588		2.5	157	<0.002	0.78	0.52	20.1	<1	3.4	84.9	0.7	<0.05	1.6	0.62	1.53	0.3
H246589		8.6	59.1	<0.002	0.08	0.79	22	1	1.4	141	0.89	0.05	1.8	0.787	0.64	0.3
H246590		6.9	63.9	<0.002	0.16	0.92	22.2	1	1.6	181.5	0.87	<0.05	2	0.766	0.64	0.3
H246591		8.7	82.3	<0.002	0.22	1	22.3	1	1.2	148.5	0.85	<0.05	2	0.735	0.71	0.3
H246592		3	2	<0.002	0.02	0.11	0.6	1	<0.2	50	<0.05	<0.05	<0.2	0.013	0.02	0.7
H246593		4.7	85.3	<0.002	6.95	1.5	19.3	1	2.3	75.6	0.49	<0.05	1.5	0.464	0.98	0.3
H246594		3.8	243	0.002	5.17	1.47	17.6	2	4.7	57.7	0.33	<0.05	1.4	0.331	2.51	0.6
H246595		5.1	18.9	0.002	3.05	3.32	1.6	2	3.5	184.5	0.07	0.06	0.5	0.035	0.24	0.5
H246596		26.2	19.2	<0.002	6.42	36.4	1.1	8	6	209	<0.05	0.16	0.4	0.018	0.17	0.3
H246597		2.9	5.6	<0.002	0.28	0.87	0.5	1	0.6	65.1	<0.05	<0.05	<0.2	0.008	0.05	0.2
H246598		22.5	18.3	<0.002	0.3	1.82	1.1	2	2.4	110	0.1	<0.05	0.5	0.038	0.15	0.4
H246599		110	34.7	<0.002	0.67	0.87	1.9	2	5.6	101	0.14	0.08	0.7	0.057	0.27	0.4
H246600		341	12.8	<0.002	0.54	0.94	1.4	2	4.5	74.9	0.07	0.09	0.3	0.026	0.11	0.3
H246601		290	13.6	<0.002	0.96	1.46	1.5	2	7.4	75.5	0.1	0.11	0.7	0.046	0.14	0.4
H246602		579	13.1	<0.002	1.43	1.76	1.7	2	7.2	69.5	0.1	0.26	0.4	0.045	0.15	0.3
H246603		307	16.8	<0.002	0.89	1.42	1.8	2	4	70.2	0.1	0.23	0.4	0.047	0.18	0.3
H246604		5.7	110	<0.002	2.11	41.2	6.9	16	2.4	70.1	0.4	0.17	1.3	0.303	3.94	0.7
H246605		148	19.4	<0.002	0.75	1.29	2.4	2	4.1	69.7	0.16	0.13	0.6	0.062	0.2	0.4
H246606		83.7	38.4	<0.002	1.48	2.18	2.9	2	2.5	69.7	0.29	0.27	0.9	0.108	0.36	0.4
H246607		90.6	15.3	<0.002	1.3	1.48	2.2	2	2.9	51.6	0.1	0.12	0.4	0.04	0.19	0.2
H246608		107	37.6	<0.002	1.57	1.82	2.2	2	4.4	62.9	0.34	0.16	1.1	0.108	0.33	0.5

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VANCOUVER BC V6B 1L8

Project: RAU

CERTIFICATE OF ANALYSIS VA08127526

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
H246585		6	0.4	3.7	14	10.5
H246586		111	2.2	9.2	29	28.2
H246587		126	1.4	14.1	29	4
H246588		130	0.5	13.6	55	8.3
H246589		158	0.2	14.5	114	9.8
H246590		162	0.2	16.2	101	20.6
H246591		163	0.3	16.7	99	27.3
H246592		4	0.1	1	23	0.9
H246593		142	0.9	12.9	38	12.4
H246594		101	1.4	12.4	44	22.6
H246595		24	3.4	3.6	14	4.3
H246596		16	3.2	3.6	18	4
H246597		5	0.6	3.9	6	1.4
H246598		4	1.5	2.4	92	8
H246599		10	1.8	5.1	411	12.3
H246600		9	1.3	6.1	1600	5.4
H246601		8	2.2	4.7	1835	8.2
H246602		10	1.9	6.4	2460	7.5
H246603		10	2.1	5.1	1430	8.2
H246604		55	8.8	9.9	49	65.6
H246605		10	1.4	5.4	1030	13.1
H246606		16	2	4.4	343	17.1
H246607		8	1.1	5	397	7.6
H246608		15	2	4.7	281	20.5

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Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 6-OCT-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08127526

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

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Finalized Date: 27-SEP-2008
Account: RCM

CERTIFICATE VA08127525

Project: RAU

P.O. No.:

This report is for 10 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 8-SEP-2008.

The following have access to data associated with this certificate:

AL ARCHER BILL WENGZYNOWSKI	DOUG EATON	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
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

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

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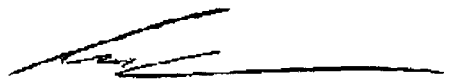
This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS VA08127525

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
H246663		3.64	<0.01	0.1	7.24	16.2	240	0.68	0.14	2.48	0.08	23.6	25.9	242	5.52	57.3
H246664		4.10	<0.01	0.07	6.67	4.6	740	0.64	0.09	4.4	0.03	23.4	47	233	5.58	47.8
H246665		3.92	<0.01	0.03	7.96	2.7	830	0.82	0.21	2.43	0.04	29.2	22.4	341	8.75	46.9
H246666		5.18	<0.01	<0.01	7.38	1	700	0.46	0.01	8.09	0.09	27.5	45.7	207	16.5	17.1
H246667		5.92	<0.01	0.03	7	1.6	900	0.5	0.04	7.13	0.07	25	43.4	214	12.5	68.6
H246668		2.88	<0.01	<0.01	7.12	<0.2	1170	0.5	0.06	5.92	0.03	20.6	43.8	253	28.7	46.2
H246669		4.52	<0.01	0.06	6.88	25.2	420	0.64	2.12	5.38	<0.02	33	59.1	246	20.5	45.7
H246670		4.16	<0.01	0.05	5.29	21	430	0.69	1.63	10.2	0.03	22.5	27.4	169	34	76.3
H246671		3.78	<0.01	0.02	1.85	14	410	0.27	1.55	15.35	0.03	8.1	12.9	62	21	13.2
H246672		0.80	<0.01	0.01	0.09	<5	20	<0.05	0.04	18.6	0.08	1.5	0.9	4	0.27	1.9

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CERTIFICATE OF ANALYSIS VA08127525

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
H246663		8.12	22.1	0.14	0.5	0.059	4.26	11.8	28.9	2.1	106	0.61	0.07	12.8	154	810
H246664		5.86	20.2	0.13	0.3	0.068	4.45	11.4	31.2	2.76	271	0.53	0.06	13.1	186	840
H246665		3.66	28.7	0.13	0.5	0.08	5.03	14.7	38.8	2.02	140	1.22	0.08	15.2	195	1410
H246666		6.9	20.1	0.14	0.4	0.065	3.35	14.4	32.8	3.34	588	0.33	0.09	13.6	186.5	750
H246667		7.59	19.4	0.13	0.6	0.065	3.3	12.9	38.3	3.3	592	0.28	0.13	13.9	168	780
H246668		7.27	17.9	0.1	0.5	0.047	4.15	10.3	48.8	4.36	628	0.51	0.14	13	228	860
H246669		4.94	20.8	0.14	0.5	0.035	5.09	18.1	36.8	2.81	285	0.51	0.08	12.8	212	870
H246670		4.18	13.25	0.08	0.5	0.021	3.85	11.1	32.2	6.62	563	1.58	0.04	5.5	134	560
H246671		2	4.55	<0.05	0.5	0.009	1.54	4.1	14.8	10.35	370	0.31	0.02	1.7	42.7	270
H246672		0.42	0.26	<0.05	<0.1	<0.005	0.04	0.7	1	12.55	187	0.09	0.01	0.2	3.4	230

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Project: RAU

Finalized Date: 27-SEP-2008
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CERTIFICATE OF ANALYSIS VA08127525

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
H246663		5.8	79.3	<0.002	8.48	0.88	25.6	2	1.5	12.8	0.68	<0.05	1.7	0.734	0.5	0.6
H246664		3.3	62.6	<0.002	4.61	0.38	25.5	1	1.5	28.7	0.71	<0.05	1.6	0.742	0.43	0.3
H246665		3.2	94.4	<0.002	2.05	0.25	34	2	2.4	17.9	0.84	<0.05	1.9	0.859	0.71	0.5
H246666		3.4	85.5	<0.002	0.11	0.19	25.7	1	1.5	97.2	0.71	<0.05	1.8	0.753	0.65	0.2
H246667		3.7	70.7	<0.002	0.07	0.18	24.4	1	1	120.5	0.72	<0.05	1.7	0.774	0.51	0.3
H246668		1.8	116.5	<0.002	0.37	0.15	22.1	1	1.8	66.4	0.69	<0.05	1.3	0.77	1.17	0.2
H246669		2.1	278	<0.002	3.89	0.2	25.6	2	3.5	55.1	0.72	0.1	1.6	0.618	1.68	0.3
H246670		1.7	304	<0.002	3.89	0.22	17.1	2	1.8	41.6	0.34	<0.05	1.2	0.329	2.09	0.3
H246671		2.3	137	<0.002	2.3	0.22	5.9	1	0.7	51.7	0.1	<0.05	0.6	0.104	1.27	0.8
H246672		1.9	2.2	<0.002	0.05	0.06	0.4	2	<0.2	54.3	<0.05	<0.05	<0.2	0.005	<0.02	0.5

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

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: RAU

Finalized Date: 27-SEP-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08127525

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
H246663		92	1.4	12.4	19	14.1
H246664		175	0.4	11.8	26	7.2
H246665		149	1.5	12.5	30	17.8
H246666		163	0.2	15.9	111	10.6
H246667		165	0.2	16	117	18.5
H246668		187	0.1	12.3	84	15.2
H246669		185	2.6	12.3	25	14.7
H246670		111	0.7	13.7	27	15
H246671		41	0.4	5.6	17	17.5
H246672		3	0.2	1.2	15	<0.5

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Project: RAU

e: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 27-SEP-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08127525

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

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Finalized Date: 6-OCT-2008
Account: RCM

CERTIFICATE VA08127524

Project: RAU

P.O. No.: RAU-08-13

This report is for 74 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 8-SEP-2008.

The following have access to data associated with this certificate:

AL ARCHER BILL WENGZYNOWSKI	DOUG EATON	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	
ME-MS61	48 element four acid ICP-MS	
Au-AA26	Ore Grade Au 50g FA AA finish	AAS

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Project: RAU

Finalized Date: 6-OCT-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08127524

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
H246241		Not Recvd														
H246242		Not Recvd														
H246243		Not Recvd														
H246244		Not Recvd														
H246245		Not Recvd														
H246246		Not Recvd														
H246247		Not Recvd														
H246248		Not Recvd														
H246249		Not Recvd														
H246250		Not Recvd														
H246251		Not Recvd														
H246252		Not Recvd														
H246253		Not Recvd														
H246254		Not Recvd														
H246255		Not Recvd														
H246256		Not Recvd														
H246257		Not Recvd														
H246258		Not Recvd														
H246259		Not Recvd														
H246260		Not Recvd														
H246261		4.96	<0.01	<0.01	6.78	4.2	1130	0.52	0.31	6.55	0.02	30.5	48.7	242	73.9	35
H246262		5.38	0.01	0.04	6.45	45.3	190	0.95	3.25	6.21	0.02	23.7	41.8	210	22.1	48.6
H246263		4.76	0.01	0.12	0.21	10	20	0.08	71.4	19.75	0.04	5.28	1.5	3	1.03	4
H246264		6.04	0.04	0.19	0.2	94	60	0.26	12.5	19.1	0.09	4.24	2.2	3	1.57	7.2
H246265		5.70	0.01	0.18	0.08	10	10	0.09	21.3	18.85	0.05	3.95	0.5	2	0.61	6.2
H246266		5.82	0.01	0.04	0.05	7	20	0.18	0.52	20.8	0.03	2.81	0.4	2	0.64	1.3
H246267		5.86	0.05	0.18	0.03	126	10	0.1	9.12	18	0.2	3.81	3.7	1	0.26	9.9
H246268		5.84	0.01	0.64	0.05	40	140	0.14	8.53	18.35	0.49	4.17	0.5	1	0.43	10.2
H246269		5.82	0.06	0.48	0.58	46	170	0.45	6.83	18.55	0.45	6.25	2.2	20	1.45	4.9
H246270		4.88	0.04	0.37	0.37	37	270	0.32	4.75	18.8	0.19	4.39	1.2	8	1.02	5.4
H246271		3.68	0.15	1.4	0.2	80.8	80	0.24	7.2	4.5	10.85	4.82	0.8	<1	0.56	16.5
H246272		0.86	<0.01	0.07	0.07	<5	10	0.1	0.15	19.05	0.16	1.59	0.8	2	0.13	2.1
H246273		6.28	0.05	0.73	0.32	65	60	0.23	7.22	17.6	1.05	4.06	1.1	3	1.18	9
H246274		6.20	0.09	0.51	0.35	154	110	0.39	3.42	17.2	0.51	4.44	0.9	4	1.95	2.7
H246275		7.20	2.18	1.26	0.59	6530	120	0.52	20.9	11.95	0.09	227	1.2	8	2.9	6.3
H246276		0.16	15.20	11.6	3.92	406	630	0.89	0.04	0.19	0.11	19.85	8.6	33	6.26	45
H246277		5.60	0.07	0.36	0.19	99	40	0.25	2.33	18.75	0.05	5.51	0.7	2	0.48	6.3
H246278		6.16	0.04	0.16	0.14	123	60	0.32	2.74	16.55	0.03	6.29	0.5	1	0.73	1.7
H246279		6.52	5.86	0.83	0.1	3060	40	0.14	10.05	17.65	0.04	164.5	0.5	2	0.55	3.5
H246280		6.30	0.04	0.1	0.18	39	60	0.2	2.08	20.2	0.02	8.06	0.7	4	1.3	1.7

Comments: Samples H246241 to H246260 were previously received on August 26, 2008 and processed on VA08121086 and VA08121089.

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

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: RAU

Finalized Date: 6-OCT-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08127524

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
H246241																
H246242																
H246243																
H246244																
H246245																
H246246																
H246247																
H246248																
H246249																
H246250																
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H246253																
H246254																
H246255																
H246256																
H246257																
H246258																
H246259																
H246260																
H246261		7.11	16.55	0.16	0.4	0.034	3.81	15.4	50.9	4.56	707	0.68	0.13	14.5	238	810
H246262		5.9	16.45	0.13	0.5	0.045	4.25	11	33.9	3.7	412	0.45	0.04	8.7	223	740
H246263		0.97	0.94	0.05	<0.1	0.013	0.07	3.2	2.9	12.4	664	0.12	0.01	0.3	9.5	20
H246264		2.07	0.87	0.06	0.1	0.018	0.13	2.7	3.6	12.15	626	0.28	<0.01	0.3	6.8	10
H246265		1.68	0.36	0.05	<0.1	0.008	0.04	3.1	2.4	12.3	388	0.59	<0.01	0.2	1.8	10
H246266		0.21	0.24	<0.05	<0.1	<0.005	0.04	2.2	3	13.35	373	0.6	<0.01	0.1	1.6	10
H246267		6.26	0.21	0.08	<0.1	0.042	0.01	2.2	3	11.35	515	0.43	<0.01	0.1	3.7	20
H246268		1.61	0.3	<0.05	<0.1	0.51	0.02	2.4	4	11.85	1590	0.43	<0.01	0.1	4.1	10
H246269		2.17	2.34	0.05	0.2	0.731	0.3	3.7	3.7	11.4	2330	1.66	<0.01	1.2	10.8	20
H246270		1.2	1.43	0.06	0.1	0.276	0.21	2.6	3.9	11.5	1325	1.17	<0.01	0.9	6.7	10
H246271		23	1.99	0.18	0.1	18.2	0.08	3.5	1.3	5.89	47100	0.44	<0.01	0.3	3.5	10
H246272		0.23	0.31	<0.05	<0.1	0.047	0.03	1.1	1.4	11.3	287	0.08	<0.01	0.2	3	320
H246273		2.67	1.56	0.06	0.1	0.549	0.13	2.4	3.6	11.25	2180	0.98	0.01	0.5	3.3	20
H246274		2.88	1.52	0.05	0.2	0.268	0.2	2.7	2.8	10.4	1970	0.32	<0.01	0.6	2.5	20
H246275		13.6	3.2	0.23	0.2	0.15	0.33	140.5	3.9	7.07	998	1.94	<0.01	0.8	4.8	110
H246276		3.31	7.46	0.13	2	0.032	3.31	9.3	53.6	0.19	154	5.92	0.08	6	16.1	540
H246277		1.77	0.75	0.06	0.1	0.034	0.07	3.4	2.5	11.7	752	3.45	<0.01	0.3	2.3	10
H246278		1.23	0.61	<0.05	0.1	0.014	0.07	4	2.6	10.6	351	1.39	<0.01	0.3	1.8	10
H246279		5.55	0.82	0.13	<0.1	0.016	0.06	108	2.5	11.3	356	0.35	<0.01	0.2	1.4	80
H246280		0.62	0.76	<0.05	0.1	0.013	0.11	5	2.8	12.2	474	0.63	<0.01	0.6	2.9	10

Comments: Samples H246241 to H246260 were previously received on August 26, 2008 and processed on VA08121086 and VA08121089.

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

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VANCOUVER BC V6B 1L8

Project: RAU

Finalized Date: 6-OCT-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08127524

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
H246241																
H246242																
H246243																
H246244																
H246245																
H246246																
H246247																
H246248																
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H246253																
H246254																
H246255																
H246256																
H246257																
H246258																
H246259																
H246260																
H246261		1.3	277	0.002	0.16	0.22	22.5	2	2.8	62.8	1	0.13	2.2	0.693	3.17	0.5
H246262		1.5	236	<0.002	6	0.28	22.3	2	2.5	40.6	0.64	0.19	1.8	0.451	1.7	0.4
H246263		2.5	8.9	<0.002	0.31	1.13	0.8	2	0.4	55.8	<0.05	0.08	0.2	0.012	0.08	0.4
H246264		4.4	20.3	<0.002	2.05	1.88	0.5	3	1	100	<0.05	0.09	0.2	0.009	0.15	0.2
H246265		1.5	5.5	0.003	1.19	0.91	0.4	2	0.2	36.2	<0.05	0.08	<0.2	<0.005	0.09	0.8
H246266		1.2	5.2	<0.002	0.08	0.17	0.2	2	<0.2	39.6	<0.05	<0.05	<0.2	<0.005	0.05	0.3
H246267		2.8	1.9	0.002	6.45	0.4	0.4	4	0.3	40.1	<0.05	0.08	0.4	<0.005	0.04	0.5
H246268		18.6	3.5	<0.002	0.86	1.19	0.4	2	1.1	57.9	<0.05	0.1	<0.2	<0.005	0.04	0.6
H246269		16.7	41.7	<0.002	1.32	1.71	1.8	2	14.2	52.9	0.07	0.13	0.5	0.048	0.22	0.5
H246270		13.1	23.7	<0.002	0.66	2	1.2	1	3.8	47	0.06	0.11	0.4	0.028	0.17	0.4
H246271		64.5	11	<0.002	2.12	1.17	0.5	1	17.4	12.2	<0.05	0.05	0.3	0.008	0.09	0.3
H246272		1.8	1.2	<0.002	0.02	0.32	0.4	1	0.2	88.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.3
H246273		56	19.6	<0.002	2.16	2.7	0.9	2	4.2	47.9	<0.05	0.07	0.4	0.016	0.16	0.6
H246274		33.1	25.4	<0.002	2.76	0.67	0.8	1	6.6	59.4	<0.05	0.05	0.4	0.018	0.2	0.6
H246275		7.9	28.6	<0.002	>10.0	2.09	0.9	3	1.8	46.2	0.05	0.1	0.8	0.024	0.36	2.8
H246276		6	113	0.002	2.3	46.6	7.3	16	2.5	75	0.46	0.15	1.4	0.322	4.64	0.7
H246277		3.5	11.5	0.002	1.95	1.53	0.5	1	2.3	48.5	<0.05	0.07	0.3	0.01	0.09	0.4
H246278		1.6	10.5	<0.002	1.41	0.7	0.4	1	0.4	30.4	<0.05	0.06	0.2	0.008	0.09	0.5
H246279		2.8	8.2	<0.002	6.98	2	0.3	2	0.5	32.7	<0.05	0.1	0.8	0.005	0.06	2.5
H246280		1.6	15.2	<0.002	0.49	0.79	0.6	2	0.4	64.7	<0.05	0.06	0.3	0.014	0.17	0.6

Comments: Samples H246241 to H246260 were previously received on August 26, 2008 and processed on VA08121086 and VA08121089.

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

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Project: RAU

Finalized Date: 6-OCT-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08127524

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
H246241						
H246242						
H246243						
H246244						
H246245						
H246246						
H246247						
H246248						
H246249						
H246250						
H246251						
H246252						
H246253						
H246254						
H246255						
H246256						
H246257						
H246258						
H246259						
H246260						
H246261		174	0.6	15.3	41	12.1
H246262		142	1.6	11.9	24	16.6
H246263		12	0.4	2.6	7	1.8
H246264		11	0.6	2.7	11	1.9
H246265		4	1	3.7	10	1.1
H246266		6	0.5	2.3	3	0.7
H246267		5	0.7	2	45	<0.5
H246268		14	0.8	3	101	<0.5
H246269		12	3.1	3.1	109	7
H246270		8	1.6	2.6	56	5.3
H246271		6	2.7	2.4	2220	3.2
H246272		2	0.2	1.8	15	1.1
H246273		8	19.6	2.2	223	4.8
H246274		6	1.3	1.9	111	5.3
H246275		13	5.9	3.1	26	7.4
H246276		59	8.8	10.6	49	70.5
H246277		5	1.6	2.2	15	3.1
H246278		4	0.7	1.4	6	2.3
H246279		3	0.4	2.4	6	1.5
H246280		4	1	2.6	9	3.1

Comments: Samples H246241 to H246260 were previously received on August 26, 2008 and processed on VA08121086 and VA08121089.

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

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

Project: RAU

CERTIFICATE OF ANALYSIS VA08127524

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
H246281		6.48	0.59	0.09	0.12	389	40	0.23	5.33	16.7	0.03	4.01	0.5	3	1.19	2.4
H246282		5.68	0.03	0.35	0.34	105	90	0.35	24.2	16.2	0.09	5.52	1.2	9	0.45	3.6
H246283		5.64	0.03	0.26	0.44	38	310	0.41	7.35	18.8	0.05	6.84	1.4	12	3.15	2.2
H246284		4.88	0.05	0.45	0.74	54	280	0.71	15.9	17.4	0.11	6.6	2.2	20	4.34	3.2
H246285		8.32	0.21	4.91	0.35	571	30	0.28	163	6.47	0.49	3.12	2.6	5	0.53	7.2
H246286		5.94	0.04	2.71	0.14	150	50	0.14	49.3	17.35	6.89	4.89	0.8	3	0.28	5
H246287		5.76	0.12	2.3	0.11	168	270	0.21	20.1	17	3.47	2.89	0.8	2	0.33	26.4
H246288		3.56	0.04	0.57	0.14	51	140	0.16	2.09	18.15	4.58	2.68	0.7	2	0.38	3
H246289		4.82	0.29	14.65	0.28	328	120	0.47	18.7	16.35	4.41	6.26	1.1	3	0.58	839
H246290		6.82	0.10	5.3	0.25	107	60	0.32	22.1	17.7	2.48	8.18	1.4	3	0.58	7.6
H246291		1.08	0.01	0.28	0.05	6	50	0.05	0.35	19.85	0.14	1.14	0.9	1	0.11	11
H246292		2.66	0.04	2.69	0.38	989	290	0.23	38.1	16.15	0.49	6.02	2.9	7	1.11	136.5
H246293		6.60	0.04	3.38	0.19	619	60	0.13	427	5.32	0.21	2.39	5.9	11	0.94	402
H246294		5.52	0.01	0.18	0.36	11	80	0.26	4.12	19.95	0.05	5.33	0.9	5	2.85	9.2
H246295		5.86	0.02	0.26	0.23	56	60	0.17	9.48	19	0.07	4.7	1.5	5	2.3	11.4
H246296		6.18	0.44	0.36	0.18	70	50	0.22	14.1	18.75	0.04	50.1	0.6	3	1.43	2.4
H246297		0.16	14.85	8.52	3.95	418	780	0.84	0.17	0.21	0.1	19.3	8.7	35	6.11	46.6
H246298		5.60	0.01	0.31	0.17	35	20	0.16	4.89	18.85	0.04	4.97	0.7	4	1.04	2.4
H246299		5.58	0.01	0.11	0.12	13	50	0.18	1.2	20.2	0.03	4.53	0.6	4	0.27	1.7
H246300		6.12	0.02	0.13	0.47	22	200	0.32	3.65	19.85	0.03	5.83	1.1	9	0.89	2.1
H246551		5.84	0.04	0.47	0.61	90	240	0.39	10.5	17.7	0.04	7.76	1.4	12	1.33	3.6
H246552		6.50	0.01	0.18	0.54	18	140	0.3	4.01	19.55	0.04	6.09	1.5	11	2.96	2.7
H246553		6.10	0.02	0.13	0.52	20	180	0.36	4.33	19.45	0.04	7.36	1.4	12	2.11	2.4
H246554		5.86	0.08	0.28	0.28	30	100	0.23	6.59	17.9	0.06	5.76	1.1	11	0.94	2.6
H246555		4.40	0.12	1.24	0.35	125	70	0.23	20.7	15	9.38	5.28	1.8	23	2.49	17.3
H246556		6.14	0.05	1.6	0.12	63.3	10	0.11	33.8	8.23	1.54	6.52	1.2	21	0.78	48.1
H246557		6.54	0.22	0.4	0.2	188	40	0.18	25	15.35	0.12	5.83	1.2	13	0.61	6.6
H246558		4.52	0.16	0.23	0.22	33	30	0.16	11.4	17.9	0.04	7.24	1	19	0.56	2.6
H246559		6.24	0.25	0.37	0.27	229	30	0.19	65	9.46	0.08	20.5	1.5	22	0.83	6.7
H246560		4.70	0.27	0.26	0.44	105	90	0.11	20.4	15.75	0.04	5.71	1.7	12	1.47	6.7
H246561		5.24	0.05	1.29	0.25	106	30	0.17	51.1	3.79	0.05	9.8	1.2	22	1.11	39
H246562		5.94	0.05	1	0.09	94.2	20	0.11	385	5.52	1.62	20.6	5.1	9	0.62	93.7
H246563		4.02	0.10	0.36	0.68	33	410	0.33	10.8	17.65	0.03	7.52	2.8	20	4.22	6.5
H246564		6.26	0.08	0.18	0.51	15	510	0.38	8.85	18	0.03	5.82	2.1	20	1.24	4.2

Comments: Samples H246241 to H246260 were previously received on August 26, 2008 and processed on VA08121086 and VA08121089.

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

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VANCOUVER BC V6B 1L8

Project: RAU

Finalized Date: 6-OCT-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08127524

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
H246281		5.92	0.55	0.07	0.1	0.009	0.08	2.6	2.8	10.55	350	0.41	<0.01	0.2	2.1	<10
H246282		3.17	1.55	0.06	0.2	0.015	0.08	3.1	2.6	10.05	738	0.64	0.01	1	6.2	10
H246283		1.37	1.79	<0.05	0.2	0.014	0.29	4.1	3.9	11.4	646	0.56	<0.01	1.8	7.1	30
H246284		2.81	3.46	0.07	0.3	0.014	0.46	3.9	4.6	10.7	704	0.35	0.01	2.5	10.4	20
H246285		26.7	2.04	0.29	0.2	0.025	0.09	1.5	1.5	3.7	612	0.47	0.01	0.8	12.9	10
H246286		3.97	0.73	0.06	0.1	0.092	0.03	3	2.2	11.05	993	0.4	<0.01	0.3	3.1	10
H246287		4.25	0.51	0.06	0.1	0.091	0.04	1.7	2.5	10.9	761	0.36	<0.01	0.2	2.9	10
H246288		1.45	0.6	<0.05	0.1	0.244	0.06	1.7	2.7	11.3	1065	0.15	<0.01	0.2	2.3	10
H246289		4.99	1.41	0.09	0.1	1.635	0.11	3.6	2	9.31	4310	0.28	<0.01	0.4	4.8	10
H246290		3.66	1.26	0.05	0.1	1.05	0.09	4.2	2.2	9.78	4600	1.17	<0.01	0.3	6.9	10
H246291		0.43	0.21	<0.05	<0.1	0.025	0.02	0.6	0.8	12.5	239	0.55	<0.01	0.2	2.8	190
H246292		4.22	1.84	0.08	0.2	0.319	0.17	3.6	2.5	9.58	1430	1.01	0.01	0.7	4.3	20
H246293		10.1	1.26	0.1	0.1	0.267	0.05	1.3	1.4	4.34	745	0.72	<0.01	0.3	3.6	10
H246294		0.79	1.48	<0.05	0.2	0.022	0.22	3.2	2.7	12.35	708	2.02	<0.01	0.7	3.5	20
H246295		1.57	0.93	0.05	0.1	0.021	0.16	2.8	2.7	11.2	729	1.92	0.01	0.5	3.2	10
H246296		2.08	0.92	0.07	0.1	0.023	0.12	32.8	2.5	11.45	703	0.57	<0.01	0.4	2.5	30
H246297		3.36	7.57	0.14	2.1	0.035	3.33	9.5	49.6	0.19	151	6.1	0.08	7	16.9	540
H246298		1.91	0.8	<0.05	0.1	0.019	0.08	3	2.6	11.7	774	0.89	<0.01	0.5	3.3	10
H246299		0.58	0.44	<0.05	0.1	0.012	0.04	3	2.8	12.3	595	1.13	<0.01	0.4	3.1	10
H246300		0.98	1.51	<0.05	0.2	0.016	0.23	3.8	5.5	11.6	512	0.85	<0.01	1.7	4.8	20
H246551		3.96	2.23	0.08	0.3	0.023	0.32	5	5.7	10.55	715	0.77	<0.01	2.2	6.9	20
H246552		1	2.12	<0.05	0.3	0.02	0.32	3.4	5.9	12	883	0.5	<0.01	2.1	6.6	20
H246553		1.14	1.78	<0.05	0.3	0.02	0.3	4.5	5.7	11.55	819	0.49	<0.01	2.3	6	20
H246554		1.71	1.05	<0.05	0.2	0.038	0.16	3.5	3.6	10.7	782	0.37	<0.01	1.4	4.3	20
H246555		4.06	1.56	0.08	0.2	0.387	0.22	3.1	2.9	8.91	883	0.54	<0.01	1.8	4.9	40
H246556		9.54	0.69	0.09	0.1	0.096	0.06	3.9	1.4	4.51	923	0.27	<0.01	0.4	4.3	20
H246557		7.01	0.93	0.12	0.1	0.024	0.1	3.5	2.8	9.16	782	0.27	<0.01	1	4.4	60
H246558		2.19	0.96	<0.05	0.2	0.014	0.11	4.6	2.4	10.9	704	0.29	<0.01	2	3.4	40
H246559		9.55	1.59	0.14	0.1	0.027	0.13	12.9	2	5.21	799	0.18	<0.01	1.1	5.6	40
H246560		6.09	1.99	0.09	0.2	0.02	0.26	3.1	3.2	9.66	753	0.33	<0.01	2	5.8	40
H246561		10.4	1.73	0.14	0.2	0.039	0.1	5.6	1.3	3.25	385	0.24	<0.01	1.6	8.5	60
H246562		21	0.78	0.22	0.1	0.441	0.04	13	1.1	4.83	987	0.29	<0.01	0.8	17.3	60
H246563		2.17	2.73	0.05	0.4	0.011	0.45	4.7	6.1	10.95	656	0.34	<0.01	4	8.5	60
H246564		1.12	1.53	<0.05	0.3	0.013	0.26	3.7	5.6	11.45	517	0.51	<0.01	3.8	6.6	40

Comments: Samples H246241 to H246260 were previously received on August 26, 2008 and processed on VA08121086 and VA08121089.

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CERTIFICATE OF ANALYSIS VA08127524

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
H246281		1.5	11.3	0.002	7.45	1.29	0.4	2	0.2	37.2	<0.05	0.06	0.2	0.006	0.13	0.4
H246282		5.6	11.1	<0.002	3.49	2.82	0.9	3	1.5	65.8	0.07	0.33	0.4	0.027	0.11	0.3
H246283		3.4	28.3	<0.002	1.43	0.92	1.3	2	0.9	70.2	0.11	0.15	0.5	0.045	0.36	0.6
H246284		6.7	58.5	<0.002	3.2	1.36	1.3	3	1.6	91.3	0.16	0.26	0.4	0.069	0.48	0.6
H246285		69	15.1	<0.002	>10.0	8.55	0.4	23	3.5	34.2	0.05	1.11	0.2	0.02	0.14	0.6
H246286		360	4	<0.002	4.64	2.69	0.5	3	3.3	49.8	<0.05	0.22	0.2	0.008	0.08	0.2
H246287		213	5.1	<0.002	5.06	7.52	0.4	4	5	45.6	<0.05	0.1	0.2	0.005	0.07	0.3
H246288		61.8	6.9	<0.002	1.41	1.42	0.4	2	2.4	39.1	<0.05	0.05	0.2	0.007	0.06	0.2
H246289		199.5	12.7	<0.002	4.37	32.1	0.6	8	7.8	51	<0.05	0.06	0.4	0.011	0.14	0.3
H246290		283	10	0.002	2.25	3.37	0.6	2	4.5	177	<0.05	0.07	0.4	0.01	0.45	0.5
H246291		5.7	1.2	<0.002	0.05	0.41	0.4	1	0.2	52.1	<0.05	0.05	<0.2	<0.005	<0.02	0.7
H246292		23.9	21.5	<0.002	4	5.55	0.7	4	4.8	61.5	<0.05	0.15	0.5	0.02	0.19	0.5
H246293		21.8	8.6	<0.002	8.57	11.05	0.4	7	1.8	17.8	<0.05	0.79	0.2	0.007	0.14	0.8
H246294		3.2	29	<0.002	0.46	0.78	0.8	2	0.8	60.8	0.05	0.07	0.6	0.021	0.22	0.7
H246295		3	20.6	<0.002	1.49	2.29	0.6	1	0.3	62.3	<0.05	0.07	0.3	0.013	0.17	0.6
H246296		4.4	15.9	<0.002	2.24	0.86	0.5	2	0.7	57.1	<0.05	<0.05	0.5	0.011	0.11	0.9
H246297		5.5	120	0.002	2.33	46	7.1	16	2.6	76.7	0.46	0.16	1.5	0.324	4.41	0.7
H246298		3	14.4	0.002	2.01	0.7	0.6	3	0.5	60.3	<0.05	0.11	0.3	0.011	0.11	1
H246299		2	4.7	<0.002	0.42	0.37	0.4	2	0.7	57.7	<0.05	0.08	0.2	0.01	0.04	0.6
H246300		2.1	14.7	<0.002	0.91	0.62	1.2	2	0.5	64.4	0.09	<0.05	0.5	0.036	0.14	0.6
H246551		3.9	20.9	<0.002	4.65	1.38	1.2	3	1.1	63.5	0.13	0.11	0.7	0.047	0.22	0.6
H246552		2.9	38.8	<0.002	0.81	0.69	1.4	2	1.2	65.3	0.12	0.13	0.6	0.045	0.27	0.7
H246553		3	24.5	<0.002	1.01	0.85	1.5	2	1.5	66.1	0.12	0.06	0.5	0.046	0.25	0.7
H246554		3.5	10.4	<0.002	1.69	1.15	1.5	2	0.8	57.2	0.06	0.07	0.3	0.027	0.16	0.5
H246555		14.8	20.3	<0.002	4.22	3.63	1.5	3	5.1	55.4	0.08	0.16	0.4	0.037	0.34	0.6
H246556		31.4	7.2	<0.002	6.91	5.25	1	4	1	26.7	<0.05	0.24	<0.2	0.009	0.12	0.3
H246557		4.5	6.7	<0.002	8.6	3.89	1.5	5	0.6	54.6	<0.05	0.21	0.4	0.021	0.18	1.4
H246558		3	7.6	<0.002	2.31	1.19	1.8	2	0.6	59.9	0.09	0.09	0.4	0.045	0.17	1
H246559		7.2	10.1	0.003	>10.0	2.87	1.4	6	0.7	43.6	0.05	0.18	0.3	0.026	0.19	1.4
H246560		3.7	15.2	<0.002	7.08	1.35	1.4	7	0.5	50.7	0.1	0.12	0.4	0.043	0.2	0.9
H246561		7.5	11.4	<0.002	8.73	2.07	1.2	10	3	15	0.09	0.15	<0.2	0.032	0.09	0.6
H246562		8	4.8	0.004	>10.0	6.61	1.3	14	1.9	25	<0.05	0.71	0.4	0.014	0.12	5.4
H246563		1.8	35.2	<0.002	1.71	0.78	2	2	0.8	68	0.21	0.15	0.5	0.089	0.39	0.6
H246564		1.4	12.2	<0.002	0.76	0.73	1.7	2	0.8	67	0.18	<0.05	0.6	0.085	0.18	0.6

Comments: Samples H246241 to H246260 were previously received on August 26, 2008 and processed on VA08121086 and VA08121089.

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
H246281		4	0.6	1.9	9	1.9
H246282		9	1.4	3.1	30	6.7
H246283		10	1.8	3.9	10	8.8
H246284		14	1.8	3.5	24	13.1
H246285		10	1.5	2.1	144	9.4
H246286		5	1.1	2.2	1455	2.7
H246287		4	0.7	1.5	811	2.1
H246288		3	0.5	1.2	971	2
H246289		6	1	2.2	1025	3.8
H246290		8	1.9	2.9	576	3.6
H246291		2	0.1	1	34	0.6
H246292		7	1.2	2.5	132	5.4
H246293		5	4.1	1.2	57	2.7
H246294		7	1.6	2.6	13	5.6
H246295		5	1.5	3.1	16	3.6
H246296		5	0.6	3.3	11	3.3
H246297		59	9.3	11	48	74.8
H246298		5	0.9	3.5	7	2.8
H246299		5	1.3	2.7	7	2.3
H246300		6	1	3.2	7	8.6
H246551		8	1.4	3.4	9	11.2
H246552		7	1.3	4.4	10	10.6
H246553		7	1.1	4.5	10	10.4
H246554		8	0.8	4.5	13	5.7
H246555		13	1.3	3.3	2060	8.7
H246556		6	74.6	2.6	327	3.3
H246557		9	1.1	4.8	25	5.1
H246558		10	2.4	6.7	9	6.4
H246559		8	420	3.1	16	5.8
H246560		10	3.3	4.2	7	9.5
H246561		9	6.7	2.8	11	7.6
H246562		8	830	3.4	341	5.9
H246563		13	4.4	4.9	17	15.4
H246564		12	5.2	4.3	7	13.2

Comments: Samples H246241 to H246260 were previously received on August 26, 2008 and processed on VA08121086 and VA08121089.

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

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Project: RAU

e: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 6-OCT-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08127524

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

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Finalized Date: 27-SEP-2008
Account: RCM

CERTIFICATE VA08127315

Project: RAU

P.O. No.: RAU-08-08

This report is for 10 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 8-SEP-2008.

The following have access to data associated with this certificate:

AL ARCHER BILL WENGZYNOWSKI	DOUG EATON	JOAN MARIACHER

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Project: RAU

Finalized Date: 27-SEP-2008
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CERTIFICATE OF ANALYSIS VA08127315

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
H246673		5.36	0.01	0.14	6.48	20	300	0.63	1.59	6.22	0.03	26.1	34.1	197	20.5	57.1
H246674		5.32	<0.01	0.07	6.91	9.5	660	0.63	0.43	5.89	0.05	23	43.1	210	24.2	59.6
H246675		4.90	<0.01	0.01	7.26	12.3	670	0.64	0.11	4.12	0.04	27.4	50.8	246	32.4	38.8
H246676		6.44	<0.01	0.03	7.04	15.9	760	0.64	0.03	4.42	0.04	29.5	45.6	232	43.8	15.6
H246677		0.86	<0.01	<0.01	0.1	<5	20	0.05	0.01	18.85	0.06	1.19	1.2	3	0.31	1.7
H246678		3.88	<0.01	0.07	6.62	162.5	460	0.65	1.36	5.57	0.02	15.6	43	174	52.3	26.5
H246679		4.10	<0.01	<0.01	7.35	38	810	0.51	0.05	4.24	0.06	32.8	55.7	275	104	11.9
H246680		3.56	<0.01	0.05	7.36	95.5	970	0.77	4.21	4.02	0.09	21.9	57.5	245	37.6	22.8
H246681		5.88	<0.01	0.07	5.34	15.1	240	0.6	1.8	8.57	0.03	26.2	36.9	164	31.2	96.3
H246682		3.88	<0.01	0.05	3.99	8	210	0.51	0.03	12.4	0.02	14.05	27.7	138	9.2	54.5

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Project: RAU

Finalized Date: 27-SEP-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08127315

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
H246673		7	16.8	0.12	0.8	0.043	3.98	13.9	34.7	4.08	231	1.18	0.06	10.8	180.5	690
H246674		5.94	19.85	0.14	0.8	0.044	4.04	11.9	44.3	4.77	462	1.4	0.15	12.9	191	740
H246675		6.65	19.8	0.12	0.7	0.042	3.37	14	44.7	4.42	359	0.4	0.14	14.2	211	780
H246676		6.52	20.4	0.14	0.7	0.041	3.56	15.3	49.7	4.34	436	0.32	0.11	15.2	199.5	760
H246677		0.48	0.3	<0.05	<0.1	<0.005	0.04	0.6	1.2	12.05	204	0.35	<0.01	0.2	1.4	170
H246678		6.74	20.7	0.12	0.6	0.039	4.75	8.2	46.5	5.17	529	0.23	0.08	10.9	220	730
H246679		8.18	19.55	0.16	0.8	0.027	5.37	17.2	83.6	5.62	472	0.33	0.11	16.6	263	860
H246680		5.29	21.9	0.13	1.1	0.024	5.27	12	44.5	4	236	0.62	0.15	11.4	199	880
H246681		6.85	15.8	0.13	0.6	0.025	3.84	13.2	38.3	4.98	475	0.26	0.06	5	185.5	560
H246682		3.21	10.1	0.07	0.6	0.026	2.29	7	22.4	6.97	438	0.31	0.05	5.7	99.7	410

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Project: RAU

Finalized Date: 27-SEP-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08127315

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
H246673		4.5	144.5	<0.002	7.02	0.99	22	2	2	20.1	0.61	<0.05	1.6	0.6	1.5	0.6
H246674		1.9	142	<0.002	2.75	0.16	23.5	2	1.6	39.6	0.71	<0.05	1.7	0.707	1.13	0.5
H246675		1.8	111	<0.002	0.57	0.1	25.5	2	1.6	38.9	0.78	<0.05	1.7	0.771	1.17	0.2
H246676		3.2	211	<0.002	0.19	0.12	25.8	2	2.6	42	0.8	<0.05	1.7	0.773	1.91	0.2
H246677		1.6	2.1	<0.002	0.01	0.06	0.6	3	<0.2	52.3	<0.05	<0.05	<0.2	0.007	0.02	0.8
H246678		2	480	<0.002	4.24	0.26	23.1	2	6	33.8	0.59	0.1	1.5	0.491	2.89	0.4
H246679		4.7	550	<0.002	0.25	0.14	26.3	2	3.5	32.1	0.9	<0.05	2.1	0.804	4.88	0.3
H246680		3.4	470	<0.002	4.42	0.25	25.2	2	3.3	62.6	0.6	0.15	1.8	0.567	2.72	0.8
H246681		2	214	<0.002	7.04	0.3	19	2	1.7	42.8	0.28	0.07	1.3	0.296	1.91	0.3
H246682		3.2	65.1	<0.002	3.5	0.5	13.6	2	0.8	54.4	0.32	<0.05	1.1	0.278	0.93	0.7

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Project: RAU

Finalized Date: 27-SEP-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08127315

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
H246673		125	1.6	13.6	23	28.1
H246674		150	0.9	13.4	33	23.5
H246675		184	0.4	11.8	58	21.6
H246676		182	0.5	13.8	52	20.4
H246677		3	<0.1	0.9	16	<0.5
H246678		163	3.1	11.5	28	20.6
H246679		190	0.4	15.5	55	27.1
H246680		177	2.9	9.3	29	36.4
H246681		121	0.6	13.6	25	19.9
H246682		99	0.3	7.8	20	19.7

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Project: RAU

ge: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 27-SEP-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08127315

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

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Finalized Date: 26-SEP-2008
Account: RCM

CERTIFICATE VA08127314

Project: RAU

P.O. No.:

This report is for 10 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 8-SEP-2008.

The following have access to data associated with this certificate:

AL ARCHER BILL WENGZYNOWSKI	DOUG EATON	JOAN MARIACHER

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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

To: **ATAC RESOURCES LTD.**
ATTN: AL ARCHER
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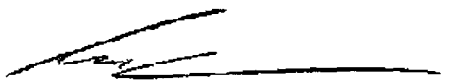
Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Project: RAU

CERTIFICATE OF ANALYSIS VA08127314

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
H246683		6.10	8.13	0.53	0.18	5850	30	0.08	188	16.3	7.23	14.2	0.6	<1	0.47	9.9
H246684		5.24	0.10	0.04	3.82	52	570	0.35	6.05	20.9	0.17	16.25	15.3	90	3.26	51.8
H246685		6.38	0.05	0.03	8.29	52.2	1140	0.66	3.04	2.48	0.15	26.9	28	295	10.3	17
H246686		4.80	0.01	<0.01	7.73	2.8	920	0.64	0.1	7.39	0.05	38.4	33.2	234	10.65	1.9
H246687		3.20	0.01	0.09	7.28	2.8	720	0.51	0.26	5.91	0.03	27.5	52.2	236	15.5	76.4
H246688		0.88	<0.01	0.01	0.12	<5	20	0.06	0.04	18.8	0.07	1.35	1.2	3	0.22	7
H246689		5.94	0.01	0.04	7.08	9.9	1030	0.61	0.48	8.35	0.08	30.4	45.8	209	16.25	58.2
H246690		6.00	0.03	0.03	6.95	1.9	940	0.51	0.03	7.06	0.03	28.5	52.4	236	26.9	65.8
H246691		5.76	0.01	0.04	6.46	11.5	1620	0.52	0.99	9.31	0.02	28.5	52.3	215	40.2	76
H246692		4.02	<0.01	0.02	0.14	6	20	0.13	0.47	18.3	0.06	3.28	1	4	0.65	2.3

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Project: RAU

Finalized Date: 26-SEP-2008
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CERTIFICATE OF ANALYSIS VA08127314

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
H246683		12.85	1.66	0.18	0.1	0.32	0.08	6.6	1.7	6.9	4230	0.16	<0.01	0.2	1.7	30
H246684		2.59	9.54	0.06	0.8	0.075	1.98	8.8	22.9	1.46	620	0.58	0.38	6.4	88.6	340
H246685		9.21	24.4	0.16	0.8	0.093	5.09	13.9	55.9	2.57	313	0.21	0.46	5.9	187	890
H246686		7.61	21	0.15	0.3	0.066	3.63	20	54.4	2.95	594	0.26	1.2	11.2	182	810
H246687		9.34	19.65	0.15	0.3	0.048	3.74	14	61.9	4.4	643	0.48	0.69	13.4	208	780
H246688		0.49	0.36	<0.05	<0.1	<0.005	0.05	0.7	1.5	11.95	191	0.21	0.01	0.3	2.3	190
H246689		7.47	19.5	0.11	0.5	0.059	3.3	16	54	3.66	798	0.51	0.81	14.2	201	820
H246690		7.61	18.9	0.14	0.7	0.043	2.5	15.4	40.2	4.67	721	0.34	0.14	16.2	230	760
H246691		5.05	17.5	0.1	1.1	0.041	4.14	15.4	43.4	3.28	709	0.7	0.1	9.7	242	680
H246692		0.44	0.59	<0.05	<0.1	<0.005	0.05	2.1	3.8	11.4	485	0.21	0.01	0.2	3	20

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Project: RAU

Finalized Date: 26-SEP-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08127314

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
H246683		362	9.3	0.003	>10.0	16.3	0.6	3	0.3	122	0.06	0.19	0.2	0.005	0.24	0.4
H246684		9.4	57.3	<0.002	1.15	3.49	12.1	2	1	273	0.33	<0.05	1.5	0.353	0.31	1.1
H246685		9.5	92.8	<0.002	0.25	1.88	29.9	2	1.1	50.6	0.36	<0.05	1.9	0.645	0.39	1
H246686		3.3	80.1	<0.002	0.01	1.7	27.2	2	1	129.5	0.63	<0.05	1.9	0.721	0.31	0.4
H246687		2.6	75.4	<0.002	0.01	0.91	24.8	2	0.9	121.5	0.72	<0.05	1.7	0.777	0.38	0.2
H246688		1.7	1.7	<0.002	0.01	0.07	0.6	2	<0.2	51.3	<0.05	<0.05	<0.2	0.008	<0.02	0.7
H246689		3.5	75	<0.002	0.02	1.03	25	2	1	134.5	0.77	<0.05	1.9	0.751	0.41	0.4
H246690		1.6	106	<0.002	0.05	0.34	24.9	2	2.2	93.8	0.85	<0.05	1.8	0.73	0.95	0.4
H246691		1.3	239	<0.002	1.82	0.3	23.3	2	4	73.3	0.53	<0.05	1.8	0.492	1.9	0.5
H246692		3	6.5	<0.002	0.24	0.17	0.5	3	0.2	40.9	<0.05	<0.05	0.2	0.008	0.07	0.3

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

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

Finalized Date: 26-SEP-2008
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS VA08127314

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
H246683		3	65.1	8.8	1445	2.5
H246684		71	1.9	9.5	58	29.2
H246685		101	1.2	14.7	143	24.1
H246686		163	0.2	17.4	120	8.7
H246687		188	0.2	15.9	157	10.9
H246688		3	0.1	1.1	15	0.6
H246689		176	0.3	17.5	127	18.5
H246690		170	0.3	16.8	83	22.8
H246691		149	1	15.6	32	38.1
H246692		8	0.2	1.7	8	1.6

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Project: RAU

Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 26-SEP-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08127314

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

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Finalized Date: 6-OCT-2008
Account: RCM

CERTIFICATE VA08127313

Project: RAU

P.O. No.:

This report is for 12 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 8-SEP-2008.

The following have access to data associated with this certificate:

AL ARCHER BILL WENGZYNOWSKI	DOUG EATON	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
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

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

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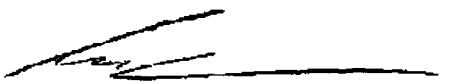
This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 
Colin Ramshaw, Vancouver Laboratory Manager

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Project: RAU

Finalized Date: 6-OCT-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08127313

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
H-246651		5.46	0.01	0.08	0.09	21	270	0.15	1.4	17.25	0.19	2.8	0.7	4	0.2	8.3
H-246652		6.00	0.01	0.09	0.06	10	100	0.12	1.03	16.4	0.22	2.49	0.6	2	0.2	7.2
H-246653		5.58	<0.01	0.07	0.06	9	90	0.15	0.76	18.3	0.28	2.18	0.6	3	0.16	5.3
H-246654		6.70	0.04	1.37	0.05	50	10	0.1	3.22	4.58	7.44	2.95	0.4	<1	0.26	65.9
H-246655		6.04	0.13	5.86	0.08	157	240	0.1	9.78	2.02	5.19	4.65	0.8	<1	0.31	200
H-246656		3.98	0.20	5.96	0.07	171.5	370	0.05	11.95	2.31	4.96	5.23	0.6	<1	0.31	240
H-246657		5.50	0.16	13.35	0.05	308	140	<0.05	41.6	2.24	12.15	3.53	0.6	<1	0.25	620
H-246658		7.16	0.02	4.03	0.04	71.3	20	<0.05	4.77	1.97	8.67	3.91	0.4	<1	0.43	197.5
H-246659		0.98	0.01	0.13	0.06	<5	20	0.06	0.3	20.4	0.21	1.27	1.1	2	0.12	6.4
H-246660		5.62	0.03	0.29	0.14	29	240	0.18	1.89	20.3	0.73	3.64	1	6	0.37	4.8
H-246661		2.88	1.21	0.24	0.08	2440	50	<0.05	89.6	3.83	0.06	2.1	0.2	<1	0.46	31.4
H-246662		6.00	0.05	0.08	0.16	63	180	0.37	2.13	18.25	0.06	3.91	0.7	3	0.69	8.4

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Project: RAU

Finalized Date: 6-OCT-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08127313

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
H-246651		0.41	0.42	0.11	<0.1	0.011	0.04	2.2	3.5	11	423	0.85	0.02	0.3	2.3	10
H-246652		0.29	0.36	0.13	<0.1	0.024	0.03	2	3	10.3	442	1.12	0.01	0.2	2.5	20
H-246653		0.5	0.31	0.09	<0.1	0.147	0.03	1.9	2.6	11.35	1080	0.79	0.01	0.2	2.5	10
H-246654		21.8	2.24	0.19	<0.1	10.1	0.02	1.9	1.1	5.81	49600	0.68	0.01	0.3	2.3	10
H-246655		31.5	3.12	0.26	<0.1	39.6	0.04	3.3	0.8	4.79	65000	1	0.01	0.4	5.2	10
H-246656		27.4	3.34	0.27	<0.1	36.2	0.04	3.5	0.8	3.79	56600	0.94	0.01	0.4	4.9	10
H-246657		32.1	2.23	0.33	<0.1	31.5	0.02	2.2	0.8	4.19	63000	0.97	0.01	0.2	6.4	10
H-246658		28.8	2.35	0.23	<0.1	23.9	0.02	2.3	1	5.22	60800	2.36	0.01	0.2	2.8	10
H-246659		0.75	0.32	0.06	<0.1	0.366	0.02	0.6	1.2	13.7	904	0.12	<0.01	0.2	3.1	200
H-246660		0.7	0.63	0.08	0.1	0.186	0.05	2.2	3.4	13	930	1.09	0.01	0.3	4.2	20
H-246661		32.3	0.96	0.32	<0.1	0.09	0.03	1.1	0.8	2.07	503	0.56	<0.01	0.3	1.4	<10
H-246662		1.56	0.9	0.07	<0.1	0.036	0.07	2.3	3.5	11.9	806	0.46	0.01	0.3	2.8	10

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Account: RCM

CERTIFICATE OF ANALYSIS VA08127313

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
H-246651		6.7	3.2	<0.002	0.13	0.56	0.3	2	0.4	48.4	<0.05	<0.05	0.2	<0.005	0.05	0.2
H-246652		9.1	2.2	<0.002	0.05	0.49	0.1	2	0.4	39.8	<0.05	<0.05	<0.2	<0.005	0.05	0.2
H-246653		11.2	2.2	<0.002	0.05	0.45	0.1	2	0.7	51.1	<0.05	<0.05	<0.2	<0.005	0.04	0.3
H-246654		249	2.4	<0.002	0.46	1.26	<0.1	1	24.7	13.3	<0.05	<0.05	<0.2	<0.005	0.03	0.3
H-246655		528	4.4	<0.002	0.73	26.3	<0.1	2	110.5	7	<0.05	<0.05	0.2	<0.005	0.06	0.4
H-246656		561	3.8	0.003	0.83	28.1	0.1	2	136	7.6	<0.05	<0.05	<0.2	<0.005	0.11	0.4
H-246657		1185	2.9	<0.002	0.99	71.3	0.3	1	165.5	7.9	<0.05	0.05	<0.2	<0.005	0.07	0.5
H-246658		349	2.8	<0.002	0.51	26.5	0.1	2	71.8	6.2	<0.05	0.05	<0.2	<0.005	0.04	0.2
H-246659		11.3	1.1	<0.002	0.02	0.69	0.5	<1	2	52.3	<0.05	<0.05	<0.2	<0.005	<0.02	0.9
H-246660		41.4	4.4	<0.002	0.23	1.08	0.6	<1	1.1	84.5	<0.05	<0.05	0.2	0.009	0.15	0.2
H-246661		6.7	3.2	<0.002	>10.0	7.52	0.1	8	2.2	18.6	<0.05	0.24	<0.2	0.005	0.14	2.4
H-246662		3.2	5.1	0.002	1.66	1.22	0.5	<1	1.4	86.8	<0.05	<0.05	0.2	0.007	0.09	0.4

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Project: RAU

Finalized Date: 6-OCT-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08127313

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
H-246651		6	1.1	2.6	32	1.1
H-246652		7	1.9	2.6	41	0.7
H-246653		7	0.8	2.1	59	0.8
H-246654		5	0.9	2.1	1810	0.8
H-246655		9	0.9	2.3	1460	1.5
H-246656		12	278	2.8	1225	1.1
H-246657		7	57.7	2.6	3050	1.1
H-246658		8	2.3	2.3	2210	0.9
H-246659		1	0.4	0.9	47	0.6
H-246660		4	1.6	2.2	143	1.8
H-246661		3	0.8	1.7	8	2
H-246662		4	2.1	2.8	17	1.9

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Page: Appendix 1
Total # Appendix Pages: 1
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CERTIFICATE OF ANALYSIS VA08127313

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

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Finalized D.. .: 10-OCT-2008
Account: RCM

CERTIFICATE VA08127312

Project: RAU

P.O. No.:

This report is for 42 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 8-SEP-2008.

The following have access to data associated with this certificate:

AL ARCHER BILL WENGZYNOWSKI	DOUG EATON	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
SPL-21	Split sample - riffle splitter
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

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

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

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS VA08127312

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
H246609		0.70	0.03	1.37	0.46	282	340	0.18	40.6	21.7	0.51	5.36	1.9	8	0.41	9
H246610		0.34	0.04	0.8	0.5	29	190	0.3	3.55	25.1	0.17	7.4	1.5	7	0.13	4.4
H246611		0.50	NSS	1.68	0.42	109	210	0.21	21.2	30.1	0.2	6.86	1.4	9	0.26	5.2
H246612		0.44	0.29	17.05	0.22	7730	2340	<0.05	812	5.03	2.59	3.82	3.3	16	0.12	104.5
H246613		0.82	0.32	13.35	0.22	4480	2740	0.09	683	13.55	1.65	4.07	3.4	6	0.33	52.6
H246614		2.50	15.75	52	0.37	>10000	980	<0.05	2150	0.69	0.05	4.16	1.4	21	0.29	61.3
H246615		0.66	19.85	12.8	0.08	>10000	1790	<0.05	1570	1.18	0.17	3.45	0.6	6	0.1	8.2
H246616		0.36	26.4	6.79	0.2	>10000	1290	<0.05	7060	1.04	<0.02	3.44	0.4	16	0.06	4.8
H246617		0.30	0.62	1.02	0.02	1245	130	<0.05	141	0.12	0.04	0.27	0.4	12	0.33	3
H246618		0.16	15.45	9.07	3.65	1595	550	0.68	344	0.28	0.08	18.6	8	31	5.78	44.8
H246619		0.46	2.26	1.25	0.45	>10000	770	0.26	4960	0.38	0.02	10.35	3.2	8	0.13	9.4
H246620		0.58	2.24	1.33	1.49	7280	540	0.46	480	0.39	0.06	9.56	4.1	33	2.85	9.8
H246621		0.32	1.55	0.71	0.27	5840	200	0.27	921	4.73	0.03	3.96	1.7	6	0.32	4.2
H246622		1.08	0.10	0.11	0.09	221	30	0.08	19.95	18.75	0.08	1.28	0.9	1	0.15	1.3
H246623		0.94	0.76	0.34	0.57	7130	230	0.17	169.5	4.84	0.12	11.1	2	8	0.53	6.8
H246624		2.24	1.03	0.36	2.22	9320	330	0.61	316	5.82	0.3	22.8	3.8	18	5.35	9.4
H246625		1.76	0.39	0.12	0.93	3860	370	0.33	48.8	14.6	0.12	11.8	2.4	9	2.29	3.9
H246626		0.70	0.70	0.27	0.25	7740	380	0.12	169	5.26	0.17	12.15	1.5	5	0.19	2.6
H246627		0.42	0.88	0.14	0.12	>10000	490	0.1	76.6	6.7	0.3	101	1.1	5	0.2	3.7
H246628		0.54	0.44	0.19	0.57	3990	230	0.25	28.9	18.05	0.2	13.85	2.2	8	2.86	3.4
H246629		0.40	0.33	0.27	1.45	2830	280	0.53	17.7	21.9	0.64	24	3.5	21	4.42	8.7
H246630		0.24	0.37	0.13	1.98	1770	690	0.79	26.3	22.1	0.32	20.5	4.1	34	5.55	14.9
H246631		0.38	0.19	0.16	0.43	1375	300	0.22	13.2	21.1	0.21	7.14	1.3	7	1.21	4.4
H246632		0.30	0.48	1.12	0.21	2100	130	0.09	93.4	1.03	0.37	8.26	0.9	17	0.87	8.3
H246633		0.56	0.62	0.65	4.09	2680	800	1.04	61.3	0.82	1.12	64.8	6.7	74	11.35	21.5
H246634		0.16	14.50	7.17	3.73	424	590	0.87	0.73	0.18	0.29	19.85	9	32	6.19	48.6
H246635		0.74	4.76	14.8	0.95	>10000	1190	1.05	998	2.08	7.14	57.6	4.3	26	1.9	38.3
H246636		0.26	2.28	33.4	1.18	>10000	700	0.34	865	0.56	6.92	26.2	3.1	25	0.57	188.5
H246637		0.80	1.65	4.16	0.65	>10000	490	0.24	384	12.65	24.6	26.2	3.9	5	0.84	20.5
H246638		1.96	1.73	10.1	0.49	6310	530	0.22	354	21.5	29.4	36.3	1.7	3	0.55	17.9
H246639		0.96	0.03	0.31	0.06	158	20	0.05	7.48	19.45	0.51	1.54	1.2	1	0.12	1.9
H246640		0.68	2.67	6.16	1.37	>10000	700	0.21	439	8.28	10.55	31.8	4.6	52	2.33	56.5
H246641		2.30	0.55	1.23	0.12	7130	390	0.1	244	23.2	5.1	25.3	1.4	<1	0.18	5.4
H246642		2.40	2.32	1.12	4.74	>10000	1220	1.83	535	5.42	6.04	61.7	5.5	39	9.18	101
H246643		1.84	1.59	3.89	1.27	>10000	410	0.33	236	5.59	4.69	65.4	5	14	0.62	173.5
H246644		1.66	0.28	4.42	1.87	>10000	360	0.3	1085	0.53	4.24	31.9	3.6	18	0.45	27.2
H246645		1.74	0.21	4.35	3.49	>10000	1190	1.13	187	0.86	4.99	49.1	5.5	31	3.11	23.2
H246646		0.30	0.14	1.09	2.71	>10000	730	1.09	21.1	0.34	12.2	47.3	9.9	23	3.76	40.7
H246647		1.34	0.31	4.75	1.72	>10000	490	0.71	96.9	0.64	15.3	53.3	5.3	31	1.19	104.5
H246648		2.22	0.10	1.88	1.77	>10000	420	0.68	41.4	0.52	9.55	42.6	7	18	1.21	103.5

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Project: RAU

Finalized Date: 10-OCT-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08127312

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
H246609		1.79	1.14	0.14	0.2	0.02	0.21	3.4	2.8	7.17	363	0.76	<0.01	1.6	6.1	40
H246610		0.5	1.2	0.16	0.2	0.02	0.22	4.4	1.4	4.97	206	0.64	<0.01	1.6	6.5	30
H246611		0.69	1.11	0.11	0.2	0.013	0.19	4.4	1.6	1.36	285	0.34	<0.01	1.7	4.7	40
H246612		36.3	2.01	0.74	0.2	0.154	0.06	2	0.8	0.82	165	7.02	0.01	0.7	5.5	220
H246613		18.8	1.55	0.4	0.1	0.175	0.08	2.5	1	0.64	225	2.72	0.01	0.8	5.5	120
H246614		15.9	2.92	0.49	0.9	0.014	0.03	2.1	1.8	2.01	445	5.62	0.02	4.3	8.9	170
H246615		32.3	1.13	0.53	0.4	0.081	0.01	1.7	0.7	0.32	307	5.83	<0.01	0.8	1.6	470
H246616		21.4	7.79	1.87	1.1	<0.005	0.08	2.2	2.2	1.5	221	3.27	<0.01	7.7	0.3	420
H246617		1.84	0.27	0.06	<0.1	0.006	0.01	<0.5	1	0.04	61	0.94	<0.01	0.3	1.6	30
H246618		4.31	7.33	0.16	1.9	0.037	3.03	8.9	45.8	0.23	158	5.78	0.06	6.5	15.8	530
H246619		37.1	4.5	0.78	1.7	0.193	0.1	4.7	1.2	1.77	1465	1.36	<0.01	3	9.8	470
H246620		32.8	11.5	0.35	1.7	0.06	0.36	4.9	4.3	1.62	1185	3.39	0.03	8.2	18.3	910
H246621		18.65	2.3	0.46	0.5	0.022	0.02	1.7	1.2	2.72	1075	1.87	0.01	2.5	7.3	260
H246622		1.16	0.41	0.05	0.1	0.008	0.03	0.7	0.9	12.05	230	0.13	<0.01	0.7	2.3	180
H246623		23.6	3.45	0.23	0.3	0.062	0.05	5.9	2.4	4.14	1030	1.72	<0.01	1.8	10.2	360
H246624		26.5	12	0.27	1.1	0.076	0.35	12.4	6.4	5.2	1750	1.39	0.05	9	18.1	540
H246625		10.1	4.96	0.14	0.7	0.055	0.24	6	4.1	9.25	1525	0.71	0.01	5.6	10.4	330
H246626		21.5	1.39	0.25	0.1	0.082	0.01	5.1	1.1	3.61	2820	1.18	<0.01	0.5	6.6	230
H246627		22.6	0.84	0.25	0.1	0.117	0.02	68.8	1.1	3.75	2860	2.38	<0.01	0.6	4	360
H246628		9.22	2.65	0.1	0.4	0.07	0.2	8.2	3.1	4.43	1270	0.45	<0.01	3.3	8.6	300
H246629		7.34	5.31	0.12	0.6	0.04	0.45	15.1	6.1	3.72	721	0.42	0.01	10.4	15.4	480
H246630		6.16	7.9	0.11	0.8	0.042	0.87	12.5	11.4	3.28	1115	0.39	<0.01	11.8	20.9	760
H246631		3.64	2.18	0.08	0.2	0.047	0.15	4.1	3	3.95	1410	0.34	<0.01	1.9	6.5	350
H246632		5.54	1.78	0.08	0.1	0.044	0.05	5.1	1.6	0.43	284	0.42	<0.01	0.7	4.1	120
H246633		9.59	14.55	0.16	1	0.073	1.99	35.3	16.9	1.98	631	1.1	0.04	32.2	26.5	780
H246634		3.24	8.11	0.13	1.9	0.032	3.1	9.7	45.8	0.17	153	6.14	0.06	6.4	17.1	520
H246635		28	5.05	0.59	0.6	0.176	0.21	33.7	4	1	3350	2.85	0.01	2.6	15	450
H246636		48.6	10.3	0.69	0.3	0.698	0.06	11.7	1.1	0.18	1990	1.32	<0.01	1	11	670
H246637		32.2	3.36	0.36	0.3	0.271	0.1	11.8	0.7	0.38	4290	2.16	<0.01	1.3	11.2	310
H246638		15.8	2.87	0.2	0.3	0.369	0.15	19.1	0.5	0.35	5610	2.93	<0.01	1.8	6.7	250
H246639		0.71	0.27	0.09	<0.1	0.013	0.02	0.9	0.8	12.1	301	0.11	<0.01	0.2	3.5	200
H246640		23.9	7.42	0.46	0.7	0.261	0.31	17	5	2.42	3020	8.27	0.02	4.1	23.7	660
H246641		12.05	0.86	1.03	0.1	0.135	0.03	13.2	0.5	1.17	4360	1.69	0.01	0.4	2.4	150
H246642		21.2	19.8	1.72	1.7	0.1	2.05	29.5	19	0.78	2620	0.24	0.06	7.6	29.9	1280
H246643		36.6	7.64	2.03	0.5	0.194	0.13	31.5	1.7	1.61	3270	2.25	0.04	1.9	19.4	980
H246644		31.5	12.6	2.4	1.3	0.005	0.16	11.6	2.9	2.56	671	<0.05	0.11	12.4	15.8	1260
H246645		28.3	16.5	0.26	0.6	0.145	1.49	27.5	8.3	0.63	1015	0.8	0.06	6.5	30.6	1390
H246646		39.6	8.16	0.57	0.3	0.121	1	21.5	5.8	0.22	1960	0.75	0.02	3.5	31.8	800
H246647		46.3	7.36	0.46	0.2	0.395	0.28	24.1	1.5	0.18	1750	1.42	<0.01	1	22.6	980
H246648		48.7	6.71	0.53	0.2	0.265	0.43	20.1	0.9	0.1	1825	1.4	<0.01	2.8	26.2	960

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Project: RAU

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CERTIFICATE OF ANALYSIS VA08127312

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
H246609		67	6.4	<0.002	0.04	16.8	1.3	1	2.7	94.3	0.09	0.06	0.6	0.034	0.11	0.3
H246610		42.2	5.8	<0.002	0.02	17.8	1.3	2	0.6	258	0.09	0.06	0.6	0.039	0.05	0.3
H246611		30.4	4.9	<0.002	0.02	7.66	1.3	1	1	169	0.09	0.09	0.6	0.039	0.08	0.4
H246612		480	2	<0.002	0.1	23.3	1.2	2	31.3	51.8	0.07	1.67	0.5	0.01	<0.02	1.2
H246613		220	2.6	<0.002	0.1	12.9	1.4	2	31.9	85.9	<0.05	0.54	0.3	0.017	0.02	0.9
H246614		355	1	<0.002	0.07	26.8	1.1	16	17.7	13.3	0.2	4.12	0.3	0.178	0.15	1.8
H246615		212	0.5	<0.002	0.07	24.2	0.7	12	1.3	11.3	0.06	1.35	0.3	0.02	0.19	2.9
H246616		1820	3.9	<0.002	0.22	27.7	5.5	5	12.6	26.2	0.28	8.08	0.4	0.38	0.3	3.4
H246617		56.2	0.8	<0.002	0.02	1.67	<0.1	2	0.6	4.4	<0.05	0.17	<0.2	0.008	0.03	0.1
H246618		103.5	107.5	0.002	2.2	44.1	6.8	16	3.5	73.5	0.41	0.51	1.6	0.314	4.13	0.9
H246619		246	1.4	0.013	0.27	43.2	3	17	4.7	50.7	0.1	4.26	1.1	0.197	0.96	2.7
H246620		27.9	28.5	<0.002	0.11	8.11	2.7	7	3.2	11.4	0.49	0.55	3.3	0.154	0.5	2.9
H246621		28.6	1.3	<0.002	0.03	13.4	1.4	10	1.3	28.4	0.16	0.89	0.8	0.03	0.05	1
H246622		5.1	1.2	<0.002	0.02	0.29	0.3	1	0.2	52.2	<0.05	0.05	<0.2	0.011	0.02	0.5
H246623		10	3.3	0.006	0.04	5.48	1.5	5	0.8	17.1	0.1	0.31	0.7	0.037	0.19	1.5
H246624		11.9	40.6	<0.002	0.06	7.86	3.6	7	2.2	27.2	0.55	0.51	3.2	0.123	0.65	2.8
H246625		6.8	37.5	<0.002	0.08	2.65	1.6	3	1.5	58.3	0.36	0.15	1.7	0.094	0.38	1.3
H246626		7.8	1.2	0.004	0.04	6.22	3	4	0.5	20.7	<0.05	0.23	0.3	0.01	0.27	1.6
H246627		10.7	1.2	0.002	0.03	4.82	5.6	4	0.4	16.1	<0.05	0.37	1	0.007	0.13	4.9
H246628		9.8	25.9	<0.002	0.02	1.53	2.4	2	0.7	27.5	0.21	0.15	1.4	0.052	0.32	0.9
H246629		6.9	40	<0.002	0.11	2.06	3.3	4	1.4	35.7	0.59	0.18	2.1	0.142	0.44	1
H246630		10.8	45.6	<0.002	0.06	2.44	3.1	2	1.9	19.9	0.68	0.17	2.4	0.188	0.48	0.9
H246631		6.2	7.4	<0.002	0.01	1.49	1.7	2	0.5	21.9	0.11	0.14	0.4	0.033	0.16	0.4
H246632		96.6	3.4	<0.002	0.02	3.29	0.7	2	0.5	8	<0.05	0.26	0.4	0.016	0.1	0.6
H246633		61.8	95.3	<0.002	0.46	3.46	7.8	3	4.1	41	1.82	0.19	6	0.379	1.11	1.2
H246634		6.3	113	0.002	2.26	47	7.2	17	2.6	76.1	0.42	0.17	1.7	0.304	4.82	1
H246635		381	14.8	<0.002	0.1	27.5	3.3	13	1.4	32.1	0.15	2.61	1.4	0.051	0.82	3.2
H246636		2330	3.5	<0.002	0.12	49.6	7.1	18	1	34.9	0.05	2.24	2.7	0.024	0.61	3.7
H246637		380	8.8	0.002	0.05	12.1	1.6	6	1.3	16.6	0.07	0.54	0.4	0.032	0.23	3.3
H246638		593	13.8	0.002	0.03	6.47	1.6	5	1.8	22.5	0.11	0.55	0.4	0.042	0.17	1.6
H246639		12.6	1	<0.002	0.03	0.21	0.3	2	<0.2	57.7	<0.05	0.07	<0.2	<0.005	<0.02	0.6
H246640		203	19.6	0.003	0.1	14.95	4.5	7	2.1	29.3	0.25	0.73	1.7	0.079	0.41	2.4
H246641		97.8	2.7	0.002	0.01	4.87	0.9	3	0.4	27.5	<0.05	0.26	<0.2	0.005	0.09	1.4
H246642		83.4	102.5	0.002	0.8	4.94	24.8	3	7.1	136.5	0.5	0.2	2.7	0.263	0.8	2.8
H246643		18.7	8	0.004	0.05	4.46	2.8	3	3.5	13.5	0.13	0.39	1.1	0.068	0.27	3.6
H246644		34.2	8.6	0.002	0.06	12.75	18	4	7.8	30.8	0.23	0.43	2	0.192	0.08	3.5
H246645		28.8	76.8	0.002	0.16	6.65	7.1	5	6.1	77.9	0.41	0.24	2.7	0.281	0.58	2.6
H246646		215	50	<0.002	0.04	3.89	5.2	3	1.7	13.9	0.22	0.07	2	0.164	0.44	3.7
H246647		76.8	13.2	<0.002	0.05	5.83	4.5	4	0.5	23.3	0.06	0.23	2.1	0.041	0.34	4.7
H246648		38	19.6	<0.002	0.04	4.45	4	5	0.4	21.7	0.18	0.2	1.7	0.099	0.36	4.1

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
H246609		7	0.9	3.7	81	7.6
H246610		5	1.7	3.4	15	8.6
H246611		5	6.7	3.8	20	7
H246612		5	25.5	1.7	711	8.7
H246613		5	13.6	2.6	486	4.1
H246614		12	419	3.5	34	35.9
H246615		3	195	0.5	8	8.4
H246616		8	325	0.6	7	52.1
H246617		1	14.8	0.1	3	1.2
H246618		55	24.2	10.3	42	75.3
H246619		20	1240	12.4	63	6.9
H246620		39	22.5	8.6	15	72.5
H246621		10	49	4.7	11	16.7
H246622		2	1.4	0.9	16	2.3
H246623		15	630	8.7	40	12
H246624		28	35.5	13	37	41.6
H246625		17	42.4	8.9	22	25.9
H246626		11	600	12.3	33	4.7
H246627		11	162	16.6	70	1.8
H246628		10	11	8.5	90	16.3
H246629		22	11.9	11.3	57	28.6
H246630		28	13.1	11	52	36.7
H246631		12	35.2	7.9	20	9
H246632		6	34	2.2	152	5.5
H246633		60	32.9	11.3	191	45.8
H246634		57	9.1	11.1	44	76.9
H246635		19	660	9.3	465	20.4
H246636		38	334	12.3	2550	14.1
H246637		14	72.5	21.4	3430	10.9
H246638		12	45.8	17.7	4900	10.1
H246639		2	3.6	1.3	100	0.8
H246640		31	1350	17.3	1380	25.8
H246641		7	26.2	16.1	789	2.4
H246642		90	233	12.4	976	53.2
H246643		48	363	22.2	1390	19.3
H246644		60	99.6	13.5	1180	44.9
H246645		70	72.4	13.5	830	25
H246646		59	26	35.6	2310	11.3
H246647		38	64.9	35	1720	7.9
H246648		44	52.6	29.1	1955	8.1

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

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 10-OCT-2008
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS VA08127312

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
H246649		2.50	0.06	0.75	0.96	>10000	340	0.3	27.5	0.39	2.9	14.45	3.8	7	0.46	41.1
H246650		0.58	0.09	1.1	1.35	>10000	410	0.43	16.45	0.28	2.42	17	4.8	15	0.51	71.4

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Project: RAU

Finalized Date: 10-OCT-2008
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CERTIFICATE OF ANALYSIS VA08127312

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
H246649		>50	4.22	0.42	0.2	0.16	0.22	7.5	1.2	0.07	1190	1.38	<0.01	1.8	12.6	670
H246650		>50	6.64	0.5	0.1	0.257	0.37	8.9	1	0.09	1465	2.45	<0.01	1.7	20.8	850

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Finalized Date: 10-OCT-2008
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CERTIFICATE OF ANALYSIS VA08127312

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
H246649		20.1	8.9	<0.002	0.08	1.33	1.7	5	0.2	15.1	0.1	0.39	1.5	0.047	0.2	2.6
H246650		57.6	12.1	<0.002	0.06	1.6	3.1	4	0.3	9.1	0.1	0.23	1.4	0.07	0.3	2.9

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Finalized Date: 10-OCT-2008
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS VA08127312

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
H246649		34	39.8	10.3	1065	6.1
H246650		39	38.1	11	1220	7.1

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Project: RAU

e: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 10-OCT-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08127312

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non-sufficient sample.
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

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Finalized Date: 27-SEP-2008
Account: RCM

CERTIFICATE VA08127311

Project: RAU

P.O. No.:

This report is for 17 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 8-SEP-2008.

The following have access to data associated with this certificate:

AL ARCHER BILL WENGZYNOWSKI	DOUG EATON	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
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

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

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Project: RAU

Finalized Date: 27-SEP-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08127311

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
H246693		2.78	0.01	0.26	0.86	1100	10	0.17	91.7	15.35	0.13	1.84	24.9	7	0.32	20.6
H246694		6.78	0.01	0.15	2.04	1295	90	0.28	144	8.01	0.05	5.39	22.4	52	7.54	17.5
H246695		5.80	<0.01	0.05	2.76	20	170	0.29	3.29	17.9	0.09	10.55	6.1	78	8.63	9
H246696		6.14	<0.01	0.16	2.44	123	20	0.29	11.2	13.85	0.03	9.11	10.9	57	21.6	20.9
H246697		6.08	0.01	0.12	3.74	20	320	0.33	3.68	13.85	0.03	15.55	15.3	98	25.5	19.8
H246698		6.18	<0.01	0.07	4.06	24	410	0.38	4.4	13.45	0.05	19.45	19.8	112	22.7	25.8
H246699		5.48	<0.01	0.03	2.23	8	220	0.21	0.96	16.45	0.03	11.05	10.8	56	15	21.8
H246700		0.90	<0.01	<0.01	0.06	<5	<10	<0.05	0.07	18.95	0.07	1.16	0.9	1	0.14	2.3
H246701		6.02	<0.01	0.07	4.08	18	180	0.41	2.05	13.55	0.05	17.95	29	110	8.47	27.2
H246702		7.12	<0.01	0.1	6.72	35.9	90	0.49	3.76	4.79	0.03	19.65	69.2	248	8.97	51.6
H246703		5.96	<0.01	0.05	6.82	16.9	110	0.6	1.81	5.21	0.02	24.8	52.4	242	11.45	69
H246704		3.90	<0.01	0.04	6.38	52.6	270	0.61	6.14	9.33	<0.02	20.6	40.9	188	13.35	34.4
H246705		4.14	<0.01	0.07	5.82	19.9	630	0.48	1.64	5.4	0.02	21.9	39.3	202	16.45	63.1
H246706		6.20	<0.01	0.19	5.79	122.5	960	0.62	45.4	5.41	0.02	22.4	50.6	208	21.5	38.6
H246707		3.64	<0.01	0.17	4.46	89	350	0.58	10.15	10.65	0.03	21.2	41.7	137	47.3	20.1
H246708		6.00	<0.01	0.05	4.41	42	280	0.53	5.13	10.9	0.02	14.95	23.1	140	37.3	24.7
H246709		3.70	<0.01	0.05	0.62	16	180	0.22	1.46	18.1	0.07	6.24	5.1	18	5.58	8.8

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VANCOUVER BC V6B 1L8

Project: RAU

Finalized Date: 27-SEP-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08127311

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
H246693		22.1	4.61	0.27	0.2	0.007	0.04	1	0.8	1.18	124	0.59	0.08	0.5	20	10
H246694		20.1	7.73	0.25	0.4	0.007	0.95	2.4	6.8	5.46	308	0.55	0.07	1.8	45.8	240
H246695		2.26	8.23	0.1	0.7	0.014	1.29	5.2	10.3	7	613	0.47	0.06	4.1	40.2	320
H246696		7.95	12.2	0.14	0.5	0.012	1.57	4.2	12	7.76	523	0.43	0.07	2.3	59.8	190
H246697		4.19	10.55	0.12	0.8	0.015	2.53	8.1	21.1	6.4	510	0.5	0.04	5.3	77.1	360
H246698		5.33	11	0.13	0.9	0.015	2.62	10.2	23	6.79	644	0.46	0.05	6	116	410
H246699		2.98	6.08	0.1	0.6	0.01	1.65	5.6	16.5	7.24	827	0.25	0.03	3.2	49.3	190
H246700		0.4	0.31	0.15	<0.1	<0.005	0.02	0.6	0.8	12.45	193	0.07	0.01	0.2	1.5	160
H246701		5.13	10.4	0.1	0.8	0.022	2.43	10	22.3	6.11	835	0.46	0.06	6.2	108.5	420
H246702		7.78	18.4	0.17	0.3	0.04	4.21	8.7	33.8	2.73	251	0.71	0.1	10.1	184	790
H246703		7.66	19.1	0.16	0.3	0.043	3.8	11.7	36.4	2.78	329	0.62	0.1	11.1	229	820
H246704		7.05	18	0.14	0.7	0.037	3.2	10.7	30.9	3.06	525	0.43	0.05	10.7	215	710
H246705		7.28	17	0.16	0.5	0.033	3.45	10.9	36.4	2.62	345	0.66	0.05	9.1	216	640
H246706		10.95	17	0.22	0.8	0.02	3.78	11.4	26.8	3.16	266	0.36	0.06	7.7	227	690
H246707		5.53	14.55	0.13	0.7	0.009	4.04	11.4	35.7	6.48	477	0.35	0.04	4.1	163.5	530
H246708		5.42	11.25	0.08	0.4	0.007	3.97	7.4	30.6	6.67	474	0.3	0.04	3.2	136	410
H246709		1.78	1.77	<0.05	0.2	<0.005	0.39	3.7	5.4	10.3	741	0.64	0.01	0.9	21.2	60

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Project: RAU

Finalized Date: 27-SEP-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08127311

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
H246693		28.4	5.1	<0.002	>10.0	3.79	2.7	8	1.3	67	<0.05	0.36	<0.2	0.024	0.06	0.4
H246694		6.5	131	<0.002	>10.0	2.26	5.2	6	1.5	33.1	0.09	0.55	0.7	0.118	1.05	0.7
H246695		2.1	112	<0.002	1.48	0.94	7.9	2	1.5	95.4	0.23	0.07	1.1	0.237	1.02	0.9
H246696		2.2	316	<0.002	6.74	0.62	8.6	3	1.8	59.4	0.13	0.29	0.7	0.164	1.66	0.6
H246697		1.7	268	<0.002	3.5	0.28	12.2	2	1.5	65.9	0.29	0.11	1.4	0.312	1.85	0.8
H246698		1.7	207	<0.002	4.28	0.15	13.4	2	1.6	71.5	0.34	0.16	1.4	0.351	1.6	1
H246699		1	93	<0.002	1.93	0.07	7.7	2	0.7	96.9	0.18	<0.05	0.8	0.184	0.89	0.7
H246700		1.6	1.3	<0.002	0.01	<0.05	0.5	2	<0.2	46.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
H246701		3.7	93.5	<0.002	5.19	0.29	14.1	2	1	74.9	0.34	<0.05	1.2	0.341	0.57	0.9
H246702		3.1	85.8	<0.002	8.78	0.35	25.6	2	1.7	40	0.55	0.15	1.5	0.558	0.81	0.3
H246703		2.2	89.7	<0.002	8.51	0.61	24.2	2	1.6	39.8	0.58	<0.05	1.7	0.551	0.86	0.3
H246704		1.9	143.5	<0.002	8.03	1.52	21.9	2	1.9	52.3	0.57	0.25	1.5	0.523	1.16	0.4
H246705		2.1	147.5	<0.002	8.01	0.42	21.7	2	1.5	33	0.48	<0.05	1.4	0.456	1.21	0.2
H246706		3.4	296	<0.002	>10.0	1.36	20.7	2	2.4	35	0.42	0.26	1.5	0.425	1.79	0.5
H246707		1.7	560	<0.002	6.59	0.32	16.9	2	2	39.6	0.23	0.33	1.1	0.264	3.17	0.4
H246708		1.2	540	<0.002	6.57	0.36	12.4	1	1.8	31.8	0.18	0.14	0.8	0.253	2.81	0.3
H246709		5.2	43.5	<0.002	1.95	0.47	2.3	2	0.4	83.7	0.06	<0.05	0.5	0.04	0.49	0.6

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CERTIFICATE OF ANALYSIS VA08127311

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
H246693		17	1	1.3	32	6.9
H246694		37	1.2	3.2	13	14.7
H246695		45	3.1	6.9	28	23.6
H246696		39	0.9	7.3	15	18.3
H246697		66	1.7	9	20	27.7
H246698		70	1.2	10.4	33	30.4
H246699		36	0.3	9.6	23	19.6
H246700		2	0.1	0.9	16	<0.5
H246701		80	0.6	11.8	29	26.3
H246702		173	0.8	11.6	25	7.4
H246703		165	1	11.7	28	10.5
H246704		149	5	14.6	36	23.8
H246705		145	0.7	11.9	26	17.1
H246706		145	3.3	9.4	26	27.3
H246707		100	0.8	12.2	21	24.7
H246708		98	0.5	9.7	21	14.5
H246709		18	0.5	4.1	22	7.9

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e: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 27-SEP-2008
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CERTIFICATE OF ANALYSIS VA08127311

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

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Finalized Date: 28-SEP-2008
Account: RCM

CERTIFICATE VA08125333

Project: RAU

P.O. No.: RAU-08-07

This report is for 38 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 2-SEP-2008.

The following have access to data associated with this certificate:

AL ARCHER BILL WENGZYNOWSKI	DOUG EATON	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA26	Ore Grade Au 50g FA AA finish	AAS

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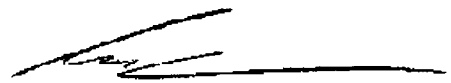
VANCOUVER BC V6B 1L8

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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To: ATAC RESOURCES LTD.
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Project: RAU

Finalized Date: 28-SEP-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08125333

Sample Description	Method / Analyte / Units / LOR	Au-AA26 / Au / ppm / 0.01
H246001		<0.01
H246002		0.01
H246003		0.01
H246004		0.01
H246005		0.03
H246006		2.72
H246007		4.70
H246008		8.32
H246009		5.69
H246010		0.17
H246011		2.14
H246012		7.84
H246013		0.07
H246014		0.13
H246015		0.05
H246016		13.85
H246017		0.16
H246018		0.33
H246019		0.64
H246020		0.33
H246021		0.07
H246022		0.56
H246023		0.23
H246024		0.18
H246025		0.25
H246026		0.13
H246027		0.22
H246028		0.12
H246029		14.95
H246030		0.27
H246031		2.67
H246032		0.23
H246033		0.15
H246034		3.40
H246035		0.38
H246036		0.03
H246037		0.06
H246038		<0.01

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Finalized Date: 27-SEP-2008
Account: RCM

CERTIFICATE VA08122437

Project: RAU

P.O. No.: RAU-08-11

This report is for 47 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 28-AUG-2008.

The following have access to data associated with this certificate:

AL ARCHER BILL WENGZYNOWSKI	DOUG EATON	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	
ME-MS61	48 element four acid ICP-MS	
Au-AA26	Ore Grade Au 50g FA AA finish	AAS

To: **ATAC RESOURCES LTD.**
ATTN: AL ARCHER
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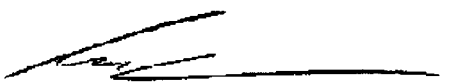
Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 27-SEP-2008
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS VA08122437

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
H246178		5.03	0.09	0.23	0.56	16	790	0.29	2.31	18.15	0.05	7.59	1.6	18	0.65	3.8
H246179		5.22	0.14	0.42	0.58	25	490	0.26	4.8	17.25	0.58	7.56	1.8	19	0.73	4
H246180		4.69	1.01	0.38	1.33	2120	450	0.37	73.1	15.55	0.38	13.05	3.4	37	1.5	9.3
H246181		4.41	0.05	0.16	1.2	34	310	0.29	2.28	28	0.05	14.1	2.8	18	0.55	5.6
H246182		4.76	<0.01	0.12	2.4	89	380	0.55	0.34	23.5	0.15	38.6	50	73	0.78	10.2
H246183		4.24	<0.01	0.22	7.36	21	1400	1.21	0.1	10.15	0.57	56.7	42.5	227	4.04	97.8
H246184		5.62	0.03	0.14	9	5.3	1640	1.71	0.19	4.1	0.09	113	30.9	177	7.79	47.8
H246185		5.05	<0.01	0.08	7.48	6.6	1400	1.81	0.07	6.7	0.11	88.8	44.6	185	6.63	13.1
H246186		5.02	<0.01	0.03	6.91	5.2	1860	1.32	0.06	8.46	0.08	79.6	41.4	186	6.07	4.3
H246187		5.33	<0.01	0.04	6.66	2.6	1760	1.43	0.03	7.62	0.09	79.5	42.2	195	9.11	34.9
H246188		5.25	<0.01	0.08	6.88	2.9	1790	1.56	0.03	8.77	0.1	83.5	43.4	199	10.9	49.2
H246189		5.31	0.01	0.05	6.79	13.9	690	1.7	0.92	7.95	0.08	78.3	57.6	178	11.5	34.9
H246190		5.15	<0.01	0.01	7.24	27.1	1790	1.94	1.1	5.2	0.04	95.5	39.2	193	8.46	9.3
H246191		4.67	0.02	<0.01	7.59	33.3	530	2.82	1.31	2.73	0.03	162	20.8	168	5.53	29.6
H246192		2.68	0.03	<0.01	8.4	44	330	2.73	1.89	1.25	0.02	127	12.7	76	6.61	12.7
H246193		2.95	0.18	0.05	8.1	95.7	410	3.53	13.65	1.07	0.04	144.5	22.4	127	7.42	23.6
H246194		0.82	<0.01	0.01	0.13	14	60	0.06	0.05	19.35	0.05	2.06	1	2	0.22	1.3
H246195		5.80	0.03	0.15	0.24	345	110	0.11	42.2	14.55	0.08	6.04	0.7	3	1.08	9.8
H246196		6.14	0.58	0.5	0.22	974	80	0.06	145.5	10.35	0.06	5.37	0.8	3	1.13	78.1
H246197		5.52	0.13	0.26	2.02	888	310	0.37	42.5	12.6	0.03	9.98	2.1	9	10.8	58.6
H246198		0.15	13.75	7.63	3.62	412	660	0.94	0.6	0.23	0.08	17.85	7.9	32	5.55	44.9
H246199		5.40	0.71	0.15	0.1	1605	20	0.06	128	14.4	0.05	10.45	0.5	1	0.85	21.3
H246200		4.86	2.71	0.11	0.24	>10000	40	0.05	168.5	14.35	0.05	44.8	0.6	1	1.78	3.1
H246201		4.16	1.39	0.2	0.13	>10000	20	<0.05	237	6.88	0.03	9.26	0.6	<1	0.92	8.5
H246202		5.84	1.55	0.16	0.26	>10000	50	0.09	414	12.95	0.04	70.2	0.8	1	2.17	4.5
H246203		5.75	0.69	0.1	0.45	>10000	80	0.11	151.5	12.6	0.03	33	0.9	2	4.11	3.9
H246204		6.25	0.36	0.07	0.22	9530	40	0.05	101.5	13.35	0.05	40.6	0.7	1	1.5	2.4
H246205		5.29	0.39	0.08	0.06	>10000	10	<0.05	143	13.8	0.05	44.9	0.4	<1	0.62	2.3
H246206		5.12	0.22	0.07	0.07	3890	10	<0.05	125.5	13.75	0.05	47.6	0.5	1	0.87	2.7
H246207		7.19	0.47	0.09	0.11	>10000	10	<0.05	126	13.15	0.06	20.4	0.6	<1	1.01	2.9
H246208		5.96	0.10	0.08	0.09	1730	10	<0.05	198.5	13.4	0.05	12.2	0.5	<1	1.06	2.2
H246209		5.47	0.08	0.09	0.03	939	10	<0.05	186.5	12.9	0.1	11.4	0.6	<1	0.57	3.1
H246210		6.18	0.07	0.09	0.08	674	10	<0.05	191	14.35	0.07	21.6	0.6	<1	0.87	2.1
H246211		5.89	0.14	0.09	0.09	657	10	<0.05	218	13.9	0.09	10.4	0.5	<1	0.67	1.9
H246212		0.78	<0.01	0.01	0.07	22	200	0.11	1.36	18.4	0.07	1.49	0.8	1	0.13	1
H246213		6.00	0.07	0.11	0.14	1205	10	0.08	133	13.1	0.05	7.14	0.7	<1	0.68	1.9
H246214		6.01	0.08	0.09	0.07	609	10	<0.05	430	13.45	0.06	43.9	0.6	<1	0.82	2.3
H246215		5.77	0.06	0.15	0.08	629	<10	<0.05	1235	12.6	0.04	10.4	0.9	<1	0.69	3
H246216		6.00	0.09	0.2	0.05	856	<10	0.24	867	11.6	0.05	12.75	1.8	<1	0.55	5.2
H246217		5.29	0.08	0.13	0.11	1985	10	<0.05	162.5	13.6	0.11	15.75	1.3	1	0.59	3.1

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

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VANCOUVER BC V6B 1L8

Project: RAU

Finalized Date: 27-SEP-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08122437

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
H246178		0.99	1.43	<0.05	0.3	0.015	0.24	4.2	4.2	11.4	354	0.49	0.02	2.8	6.7	40
H246179		1.23	1.49	<0.05	0.3	0.033	0.25	4.1	4	10.85	611	0.61	0.01	3.1	7.1	30
H246180		7.05	4.87	0.15	0.4	0.129	0.57	5.4	8.7	8.1	3340	0.56	0.01	4	10.8	70
H246181		1.35	2.96	0.06	0.5	0.026	0.54	7.9	3.2	0.94	392	0.49	0.01	7.3	11.4	60
H246182		2.53	6.15	0.09	1.4	0.028	1.18	18.7	2.8	1.11	1210	0.68	0.02	15.1	116.5	650
H246183		5.01	19.8	0.15	1.3	0.075	3.12	27.5	13.9	2.55	1615	0.69	0.14	19.7	150	1610
H246184		8.44	23.6	0.22	0.7	0.078	2.92	60	20.2	1.9	1075	1.01	0.29	60.4	180	2820
H246185		8.85	24.2	0.23	0.7	0.072	3.24	45.8	17.8	1.94	1455	0.37	0.37	42.4	239	3680
H246186		8.47	18.4	0.18	0.4	0.061	2.74	40.5	17.4	2.45	1520	0.18	0.6	32.8	256	2720
H246187		6.47	16.4	0.17	1.9	0.054	2.62	40.5	21	4.32	1775	0.15	0.44	45	202	1780
H246188		7.04	19.9	0.19	1.5	0.052	2.62	42.2	23.4	3.46	1615	0.25	0.21	50.2	243	2340
H246189		6.32	19.6	0.19	0.8	0.059	3.26	39.1	28.7	2.84	1085	0.63	0.15	36.7	248	2470
H246190		6.7	19.7	0.19	1.5	0.049	3.63	47.5	24.3	2.44	524	0.53	0.14	49.7	160	1870
H246191		6.5	24.1	0.22	1.4	0.083	4.06	75.4	19.9	1.07	221	0.76	0.07	99.2	43.1	2870
H246192		6.54	28.1	0.2	2.2	0.071	4.39	60.3	28.3	1.13	75	0.69	0.08	76.5	33.9	2160
H246193		8.36	30.2	0.27	1	0.068	4.18	62.8	40.5	1.13	67	0.97	0.06	115.5	48.3	2270
H246194		0.43	0.45	0.07	<0.1	0.009	0.06	1	1.3	11.85	174	0.08	<0.01	1	2.9	190
H246195		8.52	1.35	0.19	0.1	0.027	0.15	3	2.3	8.93	1175	0.08	0.01	1.2	3.1	80
H246196		17.15	1.29	0.36	0.1	0.054	0.15	2.2	1.5	5.76	1415	0.13	0.01	1.5	3	80
H246197		11.45	10.15	0.25	1.2	0.035	1.56	4.6	9.7	7.95	829	0.19	0.02	17.8	16.8	280
H246198		3.37	7.57	0.18	2	0.031	2.76	8.7	50.1	0.2	168	5.82	0.08	6.6	15.7	510
H246199		10.95	0.75	0.34	0.1	0.062	0.07	4.9	1.8	8.41	1870	0.07	0.01	0.5	2.7	70
H246200		11.25	1.58	1.41	0.2	0.074	0.18	25.7	2.3	8.02	2340	0.07	0.01	1.7	2.5	130
H246201		25.5	1.02	2.5	0.1	0.058	0.09	4.9	0.8	3.91	910	0.09	<0.01	0.9	3.1	60
H246202		14.45	1.96	1.69	0.2	0.073	0.21	42.2	2.5	7.47	2190	0.07	0.01	1.3	3.3	250
H246203		15.2	3.17	1.44	0.3	0.07	0.38	19	3.3	6.78	2150	0.06	0.01	2.1	3.6	370
H246204		12.15	1.5	1.11	0.1	0.058	0.15	23.7	2.3	7.73	2510	0.06	0.01	1.3	3.5	140
H246205		13.65	0.67	1.43	<0.1	0.061	0.04	27.2	1.6	8.05	2430	0.07	<0.01	0.4	1.3	120
H246206		10.95	0.75	0.55	<0.1	0.051	0.05	28.1	1.6	7.89	2370	0.06	0.01	0.4	2.4	110
H246207		14.25	0.93	1.89	0.1	0.066	0.08	11.1	1.5	7.56	2370	0.05	<0.01	0.8	2.5	130
H246208		12.75	0.77	0.36	0.1	0.038	0.06	6.4	1.4	7.86	2110	0.08	0.01	0.6	1.8	140
H246209		13.8	0.43	0.29	<0.1	0.047	0.02	5.8	1.4	7.66	2160	0.06	0.01	0.4	1.5	90
H246210		12.75	0.72	0.27	0.1	0.052	0.05	12.4	1.8	8.27	2420	0.09	0.01	0.6	1.5	130
H246211		11.85	0.75	0.25	0.1	0.069	0.04	5	1.6	8.13	2550	0.05	0.01	0.6	1.2	130
H246212		0.42	0.27	0.05	<0.1	<0.005	0.03	0.7	1.2	11.7	177	0.06	0.01	0.4	1.9	200
H246213		12.65	1.05	0.31	0.1	0.046	0.06	3.1	1.5	7.8	2090	0.08	0.01	1	2	150
H246214		12.25	0.74	0.26	<0.1	0.048	0.04	26.6	1.4	7.91	2240	0.08	0.01	0.4	2.9	160
H246215		12.5	1.2	0.34	0.1	0.029	0.03	5.1	1.9	7.01	1425	0.1	0.01	0.5	9.6	190
H246216		15.4	0.91	0.41	<0.1	0.036	0.02	6.6	1.9	7.57	1645	0.09	0.01	0.4	12.7	90
H246217		13.25	0.87	0.2	0.1	0.046	0.02	9.1	1.6	8.29	2500	0.12	<0.01	0.6	3.1	130

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Project: RAU

Finalized Date: 27-SEP-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08122437

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
H246178		5.6	9.7	<0.002	1.07	2.65	2.2	2	0.4	56.4	0.15	0.08	0.6	0.068	0.27	0.5
H246179		21.7	13.5	<0.002	1.24	2.63	2.2	2	3.1	58.5	0.19	0.06	0.6	0.075	0.26	0.6
H246180		27.3	23	<0.002	3.79	7.24	3.9	3	0.8	135.5	0.21	0.05	0.9	0.103	0.58	0.6
H246181		4.6	15.3	0.002	1.31	2.62	2.6	2	0.6	256	0.38	<0.05	1.5	0.121	0.34	0.7
H246182		6	26.6	<0.002	2.18	2.02	6.8	2	0.7	214	0.78	<0.05	2.7	0.284	0.26	3
H246183		15.8	88	<0.002	0.54	0.77	23.7	1	1.3	163	1.19	<0.05	4.1	0.886	0.41	1
H246184		7.4	107	<0.002	0.02	1.13	19.5	2	1.8	116.5	3.34	<0.05	9.7	1.055	0.41	0.7
H246185		5.6	112	<0.002	0.01	1.36	19.7	1	1.6	141	2.41	<0.05	7.2	0.899	0.35	0.6
H246186		3.9	88.9	<0.002	0.06	0.95	18.2	1	1.5	172.5	1.89	<0.05	6.3	0.891	0.29	0.5
H246187		3.7	94.6	<0.002	0.05	0.52	18.6	1	1.9	144	2.51	<0.05	7.6	0.902	0.43	1.5
H246188		3.8	116.5	<0.002	0.17	0.54	20	1	2	159.5	2.6	<0.05	7.3	1.005	0.58	1
H246189		3.2	120.5	<0.002	3.31	0.69	20.1	1	4.9	166	2.03	<0.05	6.9	0.791	0.75	0.7
H246190		4.4	119.5	<0.002	6.81	0.78	18	2	8	129.5	2.67	0.05	8.3	0.777	0.6	1
H246191		5.5	106.5	<0.002	6.81	1.23	17.9	2	3.5	41.1	5.08	<0.05	13.8	0.783	0.51	1
H246192		3.5	131.5	<0.002	6.98	1.88	18.4	2	4.2	27.2	4.02	<0.05	16.1	0.753	0.55	1.1
H246193		6.9	127	<0.002	8.97	3.35	13.9	3	6.6	17.7	6.17	0.07	11.5	0.629	0.67	0.7
H246194		1.6	2.3	<0.002	0.05	<0.05	0.4	1	1.9	49.4	0.06	<0.05	0.2	0.008	<0.02	0.5
H246195		4.2	11.6	<0.002	9.65	2.96	0.8	7	0.3	73.2	0.06	0.08	0.2	0.014	0.08	0.1
H246196		5.2	14.7	<0.002	>10.0	8.51	0.3	11	0.5	61.6	0.08	0.16	0.2	0.015	0.09	0.2
H246197		2.6	150	<0.002	8.03	1.22	1.3	4	2.9	60.5	0.98	0.14	3.5	0.128	0.72	1.7
H246198		5.5	113.5	<0.002	2.17	42.5	6.9	16	2.5	70.5	0.42	0.15	1.5	0.289	3.81	0.7
H246199		3.9	9.2	<0.002	>10.0	2.43	0.4	3	0.3	88.7	<0.05	0.15	0.2	0.005	0.07	0.4
H246200		2.4	18.6	<0.002	>10.0	5.43	0.3	3	0.4	111	0.09	0.53	1.9	0.014	0.1	0.3
H246201		3	10.4	<0.002	>10.0	10.8	<0.1	7	0.5	46.5	<0.05	1.72	0.3	0.01	0.08	2.2
H246202		3.6	24.6	0.002	>10.0	7.96	0.3	4	0.7	104.5	0.07	0.68	1.3	0.024	0.15	1
H246203		2.3	41.1	<0.002	>10.0	5.3	0.4	4	1.2	97.3	0.12	0.35	0.9	0.04	0.23	0.7
H246204		3.3	14.8	<0.002	>10.0	3.15	0.3	3	0.5	102.5	0.07	0.23	0.6	0.018	0.11	0.5
H246205		2.9	6.5	<0.002	>10.0	4.13	<0.1	5	0.2	109.5	<0.05	0.47	0.4	<0.005	0.05	0.3
H246206		3.3	9.8	0.002	>10.0	2.14	0.1	3	0.3	103.5	<0.05	0.2	0.4	0.005	0.1	0.3
H246207		3.6	11.5	0.003	>10.0	4.99	<0.1	4	0.4	95.8	<0.05	0.68	<0.2	0.011	0.11	0.3
H246208		4.5	11.6	0.002	>10.0	2.7	0.1	3	0.4	85.9	<0.05	0.24	<0.2	0.011	0.1	0.2
H246209		5.8	3.7	0.002	>10.0	3.22	<0.1	3	0.4	90.1	<0.05	0.19	<0.2	<0.005	0.06	0.2
H246210		5.6	8.8	<0.002	>10.0	2.47	0.3	4	0.3	97.6	<0.05	0.22	0.2	0.009	0.06	0.8
H246211		4.9	7.8	<0.002	>10.0	6.25	0.3	3	0.4	108.5	<0.05	0.2	<0.2	0.009	0.05	0.3
H246212		1.5	1.2	<0.002	0.08	0.05	0.2	1	0.9	46.1	<0.05	<0.05	0.6	<0.005	<0.02	1
H246213		3.6	9.3	<0.002	>10.0	3.01	0.2	3	0.5	91.8	0.05	0.13	<0.2	0.017	0.06	0.2
H246214		5.6	8.6	<0.002	>10.0	6.56	0.2	3	0.3	98.2	<0.05	0.31	0.2	0.006	0.05	1.2
H246215		9.2	6	0.003	>10.0	11.65	<0.1	4	1.5	68	<0.05	0.67	<0.2	0.009	0.04	0.2
H246216		10.4	3.2	0.01	>10.0	7.87	<0.1	4	1	64.8	0.05	0.54	<0.2	0.005	0.16	0.3
H246217		5.4	3.4	0.006	>10.0	3.43	0.8	4	0.4	83.8	<0.05	0.26	<0.2	0.009	0.16	0.7

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VANCOUVER BC V6B 1L8

Project: RAU

Finalized Date: 27-SEP-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08122437

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
H246178		12	1.3	6.1	12	9.9
H246179		12	10.3	5.2	163	10.8
H246180		22	33.3	8.7	105	16.4
H246181		16	1.1	6.7	8	22
H246182		57	0.5	18.1	13	55.9
H246183		245	0.2	18.9	118	48.9
H246184		145	0.5	26.6	145	31.5
H246185		123	0.3	21.7	137	27.3
H246186		88	0.3	17.6	140	16
H246187		145	0.3	20	120	73.1
H246188		128	0.2	20.9	104	58.9
H246189		125	0.5	20	54	32.5
H246190		152	1.5	22.6	39	60
H246191		165	3.2	37.6	18	59.1
H246192		147	6.5	29.7	12	84.2
H246193		147	9	35.3	13	42.7
H246194		2	0.1	1.8	12	1.6
H246195		8	33	5.6	12	5.1
H246196		7	90.1	5.4	11	4.6
H246197		24	10.1	8.2	12	45.3
H246198		55	9.7	10.5	43	72.7
H246199		7	93	7.7	10	2.4
H246200		8	45.3	9	12	5.3
H246201		6	85	5	3	3.1
H246202		9	215	8.8	11	7.2
H246203		11	59.3	7.7	10	10.9
H246204		7	113	7.2	11	5.4
H246205		5	57.5	7.1	10	1.7
H246206		5	283	7.8	11	2
H246207		5	292	6.2	10	3.7
H246208		5	219	6.9	11	3.3
H246209		4	183	6.6	14	1.5
H246210		7	72.2	8.7	13	2.8
H246211		8	18.9	7.9	16	2.8
H246212		1	0.6	0.9	13	<0.5
H246213		7	41.6	7.5	9	5.2
H246214		7	22	7.1	11	2
H246215		5	35.8	8.2	13	2.5
H246216		4	990	8	15	1.9
H246217		7	20.1	7	45	3.1

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Project: RAU

Finalized Date: 27-SEP-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08122437

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
H246218		5.32	0.13	0.11	0.08	1655	10	<0.05	597	11.55	0.86	99.6	2.5	<1	0.35	4.3
H246219		5.19	0.11	0.77	0.08	2160	10	<0.05	129.5	14.2	0.08	34.6	1.2	1	0.4	3.2
H246220		6.20	1.62	0.2	0.06	>10000	10	<0.05	346	12.55	0.1	37.1	2.2	<1	0.4	5.1
H246221		3.48	0.02	0.05	1.15	60	160	0.4	2.95	30.5	0.09	16.2	6.2	9	4.26	9
H246222		4.50	0.01	0.05	0.86	28	270	0.48	1.42	29.1	0.16	13.5	9.9	8	1.27	13
H246223		0.15	13.95	9.58	3.68	404	680	0.62	1.25	0.44	0.09	17.7	8	30	5.81	47.5
H246224		4.18	<0.01	0.36	6.98	6.6	1280	1.73	1.63	4.95	0.4	105.5	18.2	52	12.6	33.5

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CERTIFICATE OF ANALYSIS VA08122437

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
H246218		16.25	1.2	0.31	0.1	0.051	0.01	63.7	4.6	7.65	3290	0.17	<0.01	0.3	9	110
H246219		11.5	0.83	0.19	0.1	0.078	0.02	23	1.9	8.43	2820	0.11	<0.01	0.5	6.5	90
H246220		14.6	0.66	0.36	0.1	0.105	0.02	23.2	2.6	7.24	2330	0.36	<0.01	0.6	6.4	110
H246221		2.07	4.35	0.08	0.2	0.032	0.62	9	2.9	1.02	591	0.08	<0.01	8.2	20.1	370
H246222		4.66	3.38	0.1	0.1	0.015	0.44	7.9	2.4	0.96	307	0.47	<0.01	8.1	25.2	540
H246223		3.49	7.37	0.16	1.8	0.032	3.11	8.9	45.6	0.2	179	5.71	0.07	7.1	16.5	510
H246224		12.55	30.7	0.32	0.4	0.112	3.64	52	17.1	2.14	234	0.26	0.2	60.5	93.4	1790

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Project: RAU

Finalized Date: 27-SEP-2008
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CERTIFICATE OF ANALYSIS VA08122437

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
H246218		5.8	1.2	0.045	>10.0	8.57	4.5	5	1.4	58.5	<0.05	0.7	0.7	<0.005	0.62	1.7
H246219		6.4	2.4	<0.002	>10.0	2.58	0.6	4	0.6	90.8	<0.05	0.16	0.3	0.006	0.04	0.5
H246220		7.8	2.4	0.002	>10.0	10.45	0.6	6	0.4	84.7	<0.05	0.77	0.3	0.01	0.09	0.7
H246221		1.8	52.6	<0.002	0.96	0.33	3	3	3.6	95.4	0.46	<0.05	0.8	0.244	0.3	0.2
H246222		5.8	15.3	<0.002	1.24	0.49	2	2	0.5	133.5	0.44	<0.05	0.6	0.223	0.06	0.1
H246223		5.5	106.5	<0.002	2.2	41.5	7.1	16	2.5	68.3	0.45	0.13	1.5	0.301	3.82	0.7
H246224		20.4	130	<0.002	0.04	0.97	16.8	3	2.2	70.1	3.7	<0.05	4.6	1.89	0.24	0.5

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Finalized Date: 27-SEP-2008
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS VA08122437

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
H246218		5	3700	11.1	239	1.7
H246219		6	102.5	6.8	19	2.6
H246220		7	205	8.5	17	2.1
H246221		30	3.2	6.1	16	10
H246222		26	10.2	6.4	14	5.2
H246223		55	9.4	10.5	42	62.2
H246224		158	2.9	13.8	113	17.2

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Project: RAU

CERTIFICATE OF ANALYSIS VA08122437

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

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Finalized D.: 21-SEP-2008
Account: RCM

CERTIFICATE VA08121089

Project: RAU

P.O. No.:

This report is for 11 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 26-AUG-2008.

The following have access to data associated with this certificate:

AL ARCHER BILL WENGZYNOWSKI	DOUG EATON	JOAN MARIACHER

SAMPLE PREPARATION

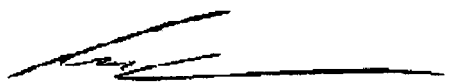
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
CRU-31	Fine crushing - 70% <2mm
LOG-22	Sample login - Rcd w/o BarCode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	
ME-MS61	48 element four acid ICP-MS	
Au-AA26	Ore Grade Au 50g FA AA finish	AAS

To: **ATAC RESOURCES LTD.**
ATTN: AL ARCHER
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.

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Chemex

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: RAU

Finalized Date: 21-SEP-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08121089

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
H246250		5.80	0.01	0.05	0.38	6	180	0.22	1.62	20.5	0.03	6.3	2.1	11	0.56	4.3
H246251		0.16	13.70	9.11	3.73	494	670	0.77	0.07	0.25	0.12	19.1	8.3	33	6.01	47.4
H246252		5.60	0.05	0.08	0.39	15	170	0.16	2.52	18.8	0.02	5.52	1.5	13	0.76	3.3
H246253		6.26	1.00	0.23	1.53	84	340	0.54	131	17.4	0.23	11.15	3.3	45	3.38	7.9
H246254		6.20	1.09	0.14	1.38	51	180	0.41	114.5	21.2	0.13	19.8	4.7	14	1.68	18.1
H246255		5.64	0.02	0.11	1.25	45	250	0.36	0.69	28	0.16	28.5	75.3	60	0.89	25.2
H246256		5.84	0.01	0.09	8.34	5.2	1380	1.48	0.29	9.89	0.1	69.5	64.9	312	6.06	74.6
H246257		6.74	<0.01	0.03	7.66	0.4	1140	1.2	0.07	8.57	0.09	60.4	58.6	279	5.46	69.7
H246258		0.94	<0.01	0.02	0.21	<5	30	0.06	0.1	19.6	0.16	3.1	1.8	8	0.2	5.9
H246259		6.32	<0.01	0.11	8.02	2.3	2030	1.49	0.08	4.28	0.07	89.3	50.8	289	5.89	171.5
H246260		7.70	0.01	0.01	7.59	4.1	1860	1.81	0.11	3.96	0.07	97.9	50.5	263	5.82	3

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 21-SEP-2008
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS VA08121089

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
H246250		0.82	1.05	<0.05	0.2	0.014	0.21	3.7	3.1	10.75	345	0.29	0.01	2	4.3	60
H246251		3.67	8.07	0.13	1.9	0.034	3.26	9.3	47	0.22	178	6.14	0.09	7.3	17.7	530
H246252		1	1.06	<0.05	0.2	0.009	0.21	3	3.5	10.4	440	0.81	0.01	2.7	3.9	30
H246253		5.26	6.8	0.1	0.7	0.052	0.75	4.5	8.1	8.37	6090	0.57	0.02	7.8	14	80
H246254		4.22	5.62	0.09	0.8	0.062	0.72	9.5	4.4	4.98	5300	0.73	0.02	10.3	12.2	180
H246255		4.06	3.6	0.09	0.9	0.019	0.75	13.8	4.3	1.89	1760	1.44	0.02	10.4	120	460
H246256		6.7	25	0.17	1.6	0.088	4.35	34.7	24.9	2.15	1400	2.81	0.62	40.1	223	1800
H246257		8.18	22.5	0.15	1.5	0.08	3.04	30.3	31.4	3.18	1650	0.79	0.66	37.5	242	1600
H246258		0.25	0.65	<0.05	0.1	0.007	0.07	1.6	2.9	11.7	191	0.37	0.01	0.6	6.1	370
H246259		7.53	24.8	0.16	0.4	0.095	4.3	43.3	23	2.33	1045	1.28	0.71	38	181	2230
H246260		9.89	23.8	0.17	1	0.078	4.21	50.5	21.2	1.96	883	0.17	0.24	28.5	273	3100

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1016-510 W HASTINGS ST
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Project: RAU

Finalized Date: 21-SEP-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08121089

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
H246250		3.2	7.3	<0.002	0.89	2.11	1.5	2	0.3	64.8	0.1	<0.05	0.4	0.042	0.17	0.5
H246251		7.7	118	0.002	2.33	46.5	7	15	2.9	70.3	0.44	0.12	1.7	0.321	3.98	0.8
H246252		2.7	7.4	<0.002	1.08	1.46	1.6	1	0.6	51.9	0.13	<0.05	0.5	0.056	0.19	0.6
H246253		19.5	38.8	0.002	2.59	3.13	4.5	1	3.3	98.4	0.41	0.21	0.9	0.169	0.63	0.7
H246254		9.1	29.8	0.002	1.79	2.06	2.7	1	2.9	158.5	0.6	0.07	2	0.139	0.32	1.1
H246255		6.9	17.7	0.002	3.94	2.17	4.7	1	0.4	236	0.54	<0.05	1.6	0.19	0.23	4.5
H246256		4.1	101.5	<0.002	0.77	0.84	31.1	<1	1.8	190.5	2.38	<0.05	4.3	1.405	0.32	1
H246257		3.8	78.5	<0.002	0.02	1.21	26.7	<1	1.6	229	2.3	<0.05	4.4	1.375	0.24	0.9
H246258		3.1	2.4	0.008	<0.01	0.53	0.9	2	0.2	107.5	0.07	<0.05	0.2	0.018	<0.02	0.3
H246259		4.2	88.8	<0.002	0.02	1.61	23.1	2	1.7	93.9	2.24	<0.05	5	0.949	0.38	0.5
H246260		3.5	121	<0.002	0.01	1.73	22.9	2	1.7	76.6	1.86	<0.05	7.5	0.778	0.36	0.7

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Project: RAU

Finalized Date: 21-SEP-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08121089

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
H246250		10	0.5	5.9	9	7.8
H246251		59	9.6	10.9	50	68.9
H246252		10	0.8	4.5	7	8.2
H246253		28	116.5	14.5	67	25.7
H246254		17	67.4	12.8	24	33.2
H246255		41	0.5	14.1	16	36.9
H246256		295	0.6	24.5	111	91.8
H246257		276	0.5	22.3	238	89.8
H246258		5	0.1	2.5	19	2.8
H246259		268	0.6	16.6	126	20.5
H246260		112	0.3	19.3	91	48.6

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Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 21-SEP-2008
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CERTIFICATE OF ANALYSIS VA08121089

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

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VANCOUVER BC V6B 1L8

Finalized Date: 25-SEP-2008
Account: RCM

CERTIFICATE VA08121086

Project: RAU

P.O. No.:

This report is for 25 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 26-AUG-2008.

The following have access to data associated with this certificate:

AL ARCHER BILL WENGZYNOWSKI	DOUG EATON	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
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

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

To: ATAC RESOURCES LTD.
ATTN: AL ARCHER
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.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Project: RAU

Finalized Date: 25-SEP-2008
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CERTIFICATE OF ANALYSIS VA08121086

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
H246225		6.26	0.01	0.09	0.31	9	90	0.24	0.39	19.6	0.03	6.16	0.9	6	1.18	4.8
H246226		6.28	0.01	0.08	0.59	17	130	0.25	1.21	18.65	0.03	8.17	2.1	11	2.62	8.2
H246227		5.56	0.01	0.13	5.62	69	390	1.13	2.34	11.5	0.03	23.4	41.6	141	26.5	79.8
H246228		5.38	0.01	0.13	5.65	45	480	0.56	0.37	11.9	0.06	23.3	48.6	152	28.7	52.3
H246229		5.18	0.01	0.11	6.73	35.8	1570	0.94	1.89	5.24	0.05	54.8	43.4	188	64.9	29.8
H246230		5.38	<0.01	0.13	6.99	3	1080	0.91	0.32	5.17	0.05	40.9	42	203	61.1	48.8
H246231		5.58	<0.01	0.12	7.76	24.6	1050	0.58	0.18	7.73	0.06	31.1	51.7	211	23.3	56.9
H246232		3.98	<0.01	0.12	8.83	38.9	1290	1.04	0.12	2.75	0.1	37.6	23.2	284	28.6	20.9
H246233		5.58	0.01	0.95	2.85	17	400	0.37	0.27	22	2.41	11.1	33.4	73	3.74	88.3
H246234		2.76	<0.01	0.34	1.16	183	200	0.81	0.35	26.5	3.3	11.75	8	33	2.18	9.2
H246235		5.86	<0.01	0.09	1.62	11	220	0.54	0.03	24.1	0.27	14.65	5.1	54	2.48	10.2
H246236		0.94	<0.01	0.08	0.29	<5	40	0.11	0.03	19.65	0.29	2.25	3.2	7	0.37	7.9
H246237		6.16	0.03	0.06	0.52	17	90	0.11	0.03	30.5	0.28	5.73	2.3	20	0.46	3.7
H246238		5.94	0.03	0.04	0.71	6	120	0.21	0.02	33.2	0.16	6.17	2.5	27	0.42	4.3
H246239		0.18	15.20	11.25	3.75	465	720	0.94	0.05	0.23	0.09	19.7	9.1	33	6.19	47.7
H246240		6.30	0.01	0.05	0.76	10	130	0.21	0.01	31.5	0.13	6.14	2.8	28	0.3	4.8
H246241		6.26	<0.01	0.1	2	13	360	0.44	0.04	23.9	0.04	17.35	5.8	78	0.94	11.7
H246242		5.62	<0.01	0.1	2.08	5	390	0.55	0.03	23.1	0.05	16.85	5.6	63	0.94	9.8
H246243		5.84	<0.01	0.07	1.96	<5	360	0.5	0.03	22.6	0.05	20.4	5.2	56	0.96	8.9
H246244		6.16	<0.01	0.09	2	7	350	0.45	0.04	21.4	0.06	19.4	6.7	60	1.2	10.7
H246245		5.82	<0.01	0.07	1.55	23	270	0.37	0.04	25.1	0.15	16.05	7.3	58	1.17	10
H246246		5.48	<0.01	0.07	2.66	17	410	0.45	0.02	22.5	0.06	30.5	13.9	109	1.09	15.2
H246247		5.66	<0.01	0.08	2.12	7	320	0.37	0.02	16.95	0.04	29.7	10.1	52	1.23	11.2
H246248		6.06	<0.01	0.09	1.5	10	240	0.25	0.02	17.25	0.09	27	9	68	0.96	9.5
H246249		7.12	<0.01	0.08	2.6	11	420	0.49	0.02	15.2	0.08	35.6	15.2	92	1.97	13.2

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VANCOUVER BC V6B 1L8

Project: RAU

Finalized Date: 25-SEP-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08121086

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
H246225		0.37	0.81	0.05	0.1	0.013	0.11	4.2	2.9	11.6	348	0.18	0.05	0.7	2.6	40
H246226		0.77	1.74	0.06	0.2	0.016	0.29	5.1	3.6	11.05	427	0.34	0.1	1.2	8.6	60
H246227		4.34	15.55	0.14	0.6	0.039	3.63	10.9	27.1	3.96	691	0.37	0.09	5.3	149.5	640
H246228		5.84	14.95	0.14	0.2	0.059	3.18	11.3	32.1	4.32	885	0.45	0.18	7.8	164.5	600
H246229		5.45	20	0.18	0.7	0.06	5.28	31.1	47.8	5.04	584	0.38	0.1	9.5	183.5	700
H246230		5.82	22.5	0.18	0.7	0.04	4.57	23.2	46	5.63	500	0.61	0.11	10.9	166	690
H246231		7.5	20.6	0.17	0.5	0.055	3.13	15.7	37.2	3.33	696	0.47	0.16	16.5	209	770
H246232		8.52	22.8	0.18	0.5	0.037	4.12	18.8	66.3	2.47	444	0.49	0.08	17.8	171.5	960
H246233		3.51	7.48	0.09	0.2	0.026	1.39	5.6	11.3	0.7	427	0.64	0.02	5.4	86.7	230
H246234		1.41	3.01	0.06	0.3	0.111	0.44	6.8	4.1	0.25	1980	1.09	0.01	5.5	37.9	70
H246235		1.58	4.17	0.07	0.4	0.013	0.74	8.4	5.3	0.45	193	1.22	0.01	7.8	28	60
H246236		0.4	0.91	0.08	0.1	<0.005	0.12	1.2	1.9	10.6	142	0.09	0.01	0.6	9.8	280
H246237		0.56	1.46	0.09	0.2	0.012	0.32	3.4	2.5	0.55	206	1.13	<0.01	2.7	13.3	10
H246238		0.67	1.83	0.07	0.2	0.007	0.42	3.6	2.2	0.43	102	1.26	<0.01	3.4	15.7	20
H246239		3.18	8.21	0.16	2	0.035	3.22	9.6	50.9	0.19	143	6.07	0.09	7.2	17.4	530
H246240		0.79	1.9	0.06	0.2	0.009	0.47	3.6	2.2	0.97	106	1.17	<0.01	3.3	15.7	40
H246241		1.95	5.01	0.07	0.6	0.014	1.26	10.4	5.6	0.58	123	2.23	0.01	9.4	31.9	40
H246242		1.73	5.33	0.06	0.6	0.017	1.29	9.6	6.3	0.65	139	1.42	0.01	11.3	28.8	60
H246243		1.66	5.07	0.08	0.6	0.022	1.22	12.4	6.3	0.69	148	1	0.01	10.3	27.5	80
H246244		2.13	5.07	0.08	0.5	0.024	1.25	11.3	5.6	0.73	193	1.05	0.01	9.9	34.4	110
H246245		2.07	4.01	0.06	0.4	0.021	0.96	9.3	5.8	0.73	262	1.49	0.01	7.7	29.6	160
H246246		2.45	7.04	0.1	0.5	0.029	1.6	15.6	5.1	1.09	370	0.66	0.01	13.5	45.4	430
H246247		2.05	5.8	0.09	0.5	0.021	1.29	15.6	8.4	7.38	397	0.36	0.01	15.8	40.9	630
H246248		2.45	3.99	0.09	0.5	0.025	0.9	14.3	5.7	7.53	384	0.41	0.01	11.1	37.2	300
H246249		2.38	7.08	0.1	0.5	0.028	1.58	18.5	7.7	7.96	354	0.45	0.01	17.3	53.3	630

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CERTIFICATE OF ANALYSIS VA08121086

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
H246225		3.4	11.1	<0.002	0.13	1.07	0.9	2	1.4	56.7	<0.05	<0.05	0.5	0.018	0.11	0.7
H246226		3.2	32	<0.002	0.5	1.73	1.4	2	2.5	62.1	0.07	0.06	0.9	0.031	0.27	0.7
H246227		2.4	249	<0.002	4.51	1.54	19.4	2	2.5	75.7	0.29	0.05	1.3	0.307	1.76	0.5
H246228		2.4	104	<0.002	2.54	0.78	19.3	2	2.1	128.5	0.4	<0.05	1.2	0.462	1.19	0.2
H246229		2.3	620	<0.002	1.77	2.25	23	2	6	45.6	0.47	0.06	1.6	0.572	4.02	0.4
H246230		4.6	470	<0.002	0.6	0.52	25.6	2	4.5	54	0.52	0.05	1.7	0.624	3.68	0.3
H246231		2.9	106.5	<0.002	0.4	0.78	27.2	2	1.6	116.5	0.8	<0.05	1.9	0.844	1.39	0.2
H246232		4.6	151	<0.002	0.28	1.16	30.8	2	1.3	51.2	0.86	<0.05	2	0.913	2.41	0.9
H246233		156.5	49.4	<0.002	1.71	2.01	9.6	2	0.6	106	0.26	<0.05	0.8	0.28	0.41	0.3
H246234		87.7	28.6	0.002	1.34	7.55	3.8	2	0.6	148	0.29	<0.05	0.8	0.128	1.19	1.2
H246235		12.3	27.1	<0.002	1.46	2.14	5.6	2	0.3	224	0.4	<0.05	1	0.186	0.44	0.5
H246236		12.7	4.5	<0.002	0.13	0.35	1.3	2	<0.2	102	<0.05	<0.05	0.2	0.024	0.04	0.2
H246237		8.5	9.3	<0.002	0.53	0.98	2	3	0.2	222	0.12	<0.05	0.3	0.06	0.16	0.6
H246238		4.5	9.5	<0.002	0.67	0.75	2.6	2	0.2	262	0.15	<0.05	0.4	0.083	0.11	0.5
H246239		5.3	104	<0.002	2.27	48.4	8	18	2.7	77.1	0.47	0.16	1.4	0.312	4.35	0.6
H246240		5	9.9	<0.002	0.77	0.63	2.8	2	0.4	317	0.15	<0.05	0.4	0.086	0.09	0.5
H246241		9.5	28	<0.002	2.08	1.32	6.7	2	0.4	317	0.51	<0.05	1.3	0.221	0.19	0.5
H246242		7.6	29.9	<0.002	1.62	0.87	6.7	2	0.4	403	0.59	<0.05	1.4	0.239	0.2	0.5
H246243		6.5	28.7	<0.002	1.37	0.63	6.3	2	0.4	442	0.55	<0.05	1.6	0.212	0.19	0.4
H246244		7	28.3	<0.002	1.86	0.86	6.3	2	0.5	398	0.52	<0.05	1.6	0.201	0.2	0.4
H246245		5.5	22.3	<0.002	1.86	0.86	6	2	0.3	328	0.37	<0.05	1.1	0.169	0.2	0.3
H246246		5.6	33.5	<0.002	2.31	1.17	11.7	2	0.5	241	0.66	<0.05	1.7	0.303	0.2	0.4
H246247		3.4	25	<0.002	1.49	0.78	7	2	0.5	125.5	0.85	<0.05	1.7	0.255	0.16	0.3
H246248		8	18	<0.002	2.45	0.83	7.2	2	0.4	94.6	0.58	<0.05	1.3	0.226	0.14	0.4
H246249		5.7	31.8	<0.002	2.26	0.73	10.4	2	0.6	82.1	0.89	<0.05	2.1	0.33	0.22	0.3

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

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

Finalized Date: 25-SEP-2008
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS VA08121086

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
H246225		6	0.4	3.3	6	4.3
H246226		14	0.4	4.3	8	8.4
H246227		117	1.1	13.5	17	23
H246228		126	0.7	13.2	37	7.5
H246229		157	2	12.8	54	23.9
H246230		163	1.4	13	75	24.1
H246231		179	0.5	17.3	85	14.6
H246232		139	1.2	14.4	237	18.9
H246233		33	0.9	6.9	639	5.6
H246234		15	2.2	6.4	1130	11.4
H246235		18	1.1	5.5	103	16.4
H246236		3	0.2	2.1	48	1.8
H246237		5	0.2	3.1	92	7.7
H246238		7	0.1	3.1	62	9.1
H246239		56	10.4	10.5	44	77.4
H246240		7	0.1	3.1	47	10.7
H246241		18	0.2	5.9	11	23.1
H246242		21	0.2	6.3	11	23.5
H246243		19	0.2	6.7	10	21.5
H246244		23	0.2	7	13	21.1
H246245		24	0.2	6.5	34	17.2
H246246		55	0.2	10	14	21.3
H246247		45	0.2	8.3	31	20
H246248		30	0.2	7.8	49	20.9
H246249		48	0.3	9.8	50	20.4

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Project: RAU

e: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 25-SEP-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08121086

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

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Finalized D 18-SEP-2008
Account: F

CERTIFICATE VA08118582

Project: Mike Lake / Rau

P.O. No.:

This report is for 20 Rock samples submitted to our lab in Vancouver, BC, Canada on 22-AUG-2008.

The following have access to data associated with this certificate:

AL ARCHER VANCOUVER OFFICE	DOUG EATON BILL WENGZYNOWSKI	JOAN MARIACHER

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	
ME-MS41	51 anal. aqua regia ICPMS	
Au-AA25	Ore Grade Au 30g FA AA finish	AAS

To: ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 18-SEP-2008
Account: F

Project: Mike Lake / Rau

CERTIFICATE OF ANALYSIS VA08118582

Sample Description	Method	WEI-21	Au-AA25	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	0.01	0.01	0.01	2	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
C105925		2.14	0.01	0.01	0.04	<2	<0.2	<10	10	<0.05	0.02	20.4	0.06	1.35	1.3	1
C105926		1.58	0.01	0.01	0.03	<2	<0.2	<10	10	0.06	0.02	20	0.05	1.21	1.3	<1
C105927		1.94	<0.01	0.01	0.03	6	<0.2	<10	10	<0.05	0.02	20.7	0.06	1.47	1.3	1
C105928		2.12	<0.01	<0.01	0.02	<2	<0.2	<10	30	<0.05	0.05	21.1	0.06	1.36	1.1	<1
C105929		2.10	<0.01	0.01	0.02	2	<0.2	<10	10	<0.05	0.01	20.8	0.06	1.31	1.2	<1
C105930		1.42	<0.01	<0.01	0.03	3	<0.2	<10	10	0.05	0.03	21.2	0.06	1.49	1.5	<1
C105931		2.28	<0.01	<0.01	0.05	2	<0.2	<10	20	0.06	0.02	20.7	0.06	1.62	1.6	<1
C105932		1.50	0.01	0.01	0.04	2	<0.2	<10	20	<0.05	0.01	20.9	0.05	1.37	1.3	1
C105933		2.04	0.01	<0.01	0.03	<2	<0.2	<10	70	<0.05	0.01	21	0.06	1.28	1.4	<1
C105934		2.08	0.01	0.01	0.03	3	<0.2	<10	20	<0.05	0.01	20.6	0.09	1.2	1.2	1
C105935		2.14	0.01	<0.01	0.03	3	<0.2	<10	20	<0.05	0.01	20.3	0.07	1.22	1.3	1
C105936		2.14	0.01	0.01	0.05	<2	<0.2	<10	20	0.05	0.03	20.4	0.07	1.53	1.3	<1
C105937		1.98	0.01	0.01	0.02	2	<0.2	<10	10	<0.05	0.03	20.5	0.06	1.23	1.5	<1
C105938		1.98	0.01	<0.01	0.03	3	<0.2	<10	10	<0.05	0.01	22	0.06	1.53	1.4	<1
C105939		2.16	<0.01	<0.01	0.04	<2	<0.2	<10	10	0.05	0.02	20.8	0.06	1.23	1.3	1
C105940		2.62	0.01	<0.01	0.02	2	<0.2	<10	10	<0.05	0.02	20.9	0.05	1.2	1.3	<1
C105941		2.28	0.01	<0.01	0.02	2	<0.2	<10	10	<0.05	0.02	20.9	0.05	1.14	1.2	<1
C105942		1.70	<0.01	<0.01	0.03	<2	<0.2	<10	10	<0.05	0.02	20.9	0.05	1.73	1.3	<1
C105943		1.46	<0.01	<0.01	0.03	<2	<0.2	<10	10	<0.05	0.02	20.9	0.07	1.33	1.3	<1
C105944		2.32	0.01	0.01	0.02	<2	<0.2	<10	10	<0.05	0.03	20.6	0.06	1.34	1.2	1

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TO: ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2008
Account: F

Project: Mike Lake / Rau

CERTIFICATE OF ANALYSIS VA08118582

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
C105925		0.14	1.5	0.38	0.16	<0.05	<0.02	0.01	<0.005	0.02	0.6	1.2	12.7	188	0.33	0.02
C105926		0.1	3.8	0.44	0.13	<0.05	<0.02	0.01	0.012	0.01	0.6	1	12.35	208	0.24	0.02
C105927		0.14	1.7	0.43	0.14	<0.05	<0.02	0.02	0.006	0.02	0.7	1	12.35	205	0.12	0.02
C105928		0.1	1.5	0.42	0.1	<0.05	<0.02	0.02	0.005	0.01	0.6	0.9	13	204	0.19	0.02
C105929		0.11	1.9	0.41	0.11	<0.05	<0.02	0.01	0.005	0.01	0.6	0.9	12.85	200	0.13	0.02
C105930		0.11	1.3	0.42	0.13	<0.05	<0.02	0.01	<0.005	0.01	0.7	0.9	13	206	0.07	0.02
C105931		0.24	2	0.43	0.2	<0.05	<0.02	<0.01	<0.005	0.03	0.8	1.2	12.7	208	0.1	0.02
C105932		0.22	1.5	0.43	0.16	<0.05	<0.02	0.01	<0.005	0.02	0.7	1.1	12.85	200	0.05	0.02
C105933		0.13	1.7	0.41	0.13	<0.05	<0.02	0.01	<0.005	0.02	0.6	1	13.05	195	0.06	0.02
C105934		0.13	1.4	0.43	0.14	<0.05	<0.02	0.02	<0.005	0.02	0.6	0.9	12.65	207	0.15	0.02
C105935		0.17	1.4	0.42	0.11	<0.05	<0.02	<0.01	<0.005	0.02	0.6	0.9	12.55	205	<0.05	0.02
C105936		0.48	1.8	0.41	0.19	<0.05	<0.02	0.01	<0.005	0.03	0.7	1.3	12.6	198	0.05	0.02
C105937		0.09	3.1	0.41	0.09	<0.05	<0.02	0.01	0.005	0.01	0.6	0.8	12.5	197	0.08	0.02
C105938		0.13	1.5	0.43	0.11	<0.05	<0.02	0.01	0.005	0.01	0.7	1	13.65	212	0.05	0.02
C105939		0.2	1.4	0.42	0.15	<0.05	<0.02	0.01	<0.005	0.02	0.6	1.1	12.95	202	0.05	0.02
C105940		0.12	1.4	0.41	0.09	<0.05	<0.02	0.01	<0.005	0.01	0.6	0.8	12.95	193	0.05	0.02
C105941		0.14	1.6	0.4	0.07	<0.05	<0.02	0.01	<0.005	0.01	0.5	0.8	12.9	195	<0.05	0.02
C105942		0.25	4.7	0.4	0.12	<0.05	<0.02	0.01	0.005	0.02	0.8	1.1	12.85	197	0.11	0.02
C105943		0.22	1.4	0.43	0.12	<0.05	<0.02	0.01	<0.005	0.02	0.6	1.2	12.95	211	0.07	0.01
C105944		0.14	4.4	0.42	0.1	<0.05	<0.02	0.01	<0.005	0.01	0.6	1	12.75	203	0.25	0.02

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VANCOUVER BC V6B 1L8

Finalized Date: 18-SEP-2008
Account: F

Project: Mike Lake / Rau

CERTIFICATE OF ANALYSIS VA08118582

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
C105925		0.09	2	240	1.3	1	<0.001	0.04	<0.05	0.3	0.4	<0.2	52.6	<0.01	0.02	<0.2
C105926		0.09	2.3	210	1.4	0.7	0.001	0.05	<0.05	0.4	0.3	<0.2	52	<0.01	0.01	<0.2
C105927		0.08	2.7	190	2.2	0.9	<0.001	0.03	0.07	0.4	0.3	<0.2	53.6	<0.01	0.02	<0.2
C105928		<0.05	1.8	200	1.4	0.7	0.001	0.04	<0.05	0.3	0.2	<0.2	53.5	<0.01	0.02	<0.2
C105929		0.08	2.3	310	1.2	0.7	<0.001	0.03	<0.05	0.4	0.2	<0.2	72.6	<0.01	0.02	<0.2
C105930		0.09	2.5	200	1.4	0.7	<0.001	0.04	<0.05	0.4	0.2	<0.2	78.2	<0.01	0.02	<0.2
C105931		0.11	2.7	250	1.4	1.6	<0.001	0.05	<0.05	0.5	0.2	<0.2	56.4	<0.01	0.02	<0.2
C105932		0.11	2.7	230	1.3	1.2	<0.001	0.05	<0.05	0.3	0.3	<0.2	52.7	<0.01	0.01	<0.2
C105933		0.09	2.4	260	1.4	0.9	<0.001	0.05	<0.05	0.4	0.2	<0.2	54.1	<0.01	0.01	<0.2
C105934		0.09	2.7	260	7.3	0.9	<0.001	0.04	<0.05	0.3	0.3	<0.2	48.6	<0.01	0.02	<0.2
C105935		0.1	2.7	200	1.4	1	<0.001	0.04	<0.05	0.3	0.3	<0.2	51.8	<0.01	0.01	<0.2
C105936		0.12	2.4	360	5.1	2.2	<0.001	0.03	<0.05	0.3	0.2	<0.2	54.6	<0.01	0.01	<0.2
C105937		0.09	2.7	240	1.2	0.6	<0.001	0.05	<0.05	0.3	0.3	<0.2	52.4	<0.01	0.01	<0.2
C105938		0.11	2.9	240	1.4	0.8	<0.001	0.03	0.11	0.3	0.2	<0.2	60.8	<0.01	0.01	0.2
C105939		0.09	2.7	240	1.4	1.3	<0.001	0.03	<0.05	0.3	0.2	<0.2	50.8	<0.01	0.01	<0.2
C105940		0.09	2.5	270	1.2	0.6	<0.001	0.04	<0.05	0.3	0.2	<0.2	51.9	<0.01	0.01	<0.2
C105941		0.08	2.3	230	1.3	0.6	<0.001	0.03	<0.05	0.3	0.2	<0.2	54.8	<0.01	0.01	<0.2
C105942		0.09	2.4	540	1.2	1.1	0.001	0.04	<0.05	0.3	0.3	<0.2	52.7	<0.01	0.01	<0.2
C105943		0.09	2.4	210	1.4	1.1	<0.001	0.03	<0.05	0.3	0.3	<0.2	54.9	<0.01	0.01	<0.2
C105944		0.07	2.1	240	1.2	0.7	<0.001	0.04	<0.05	0.3	0.4	<0.2	51.2	<0.01	<0.01	<0.2

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Total # pages: 2 (A - D)
Plus Appendix Pages
Finalized Date: 18-SEP-2008
Account: F

Project: Mike Lake / Rau

CERTIFICATE OF ANALYSIS VA08118582

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
C105925		<0.005	<0.02	0.66	2	0.05	0.94	16	<0.5
C105926		<0.005	<0.02	0.69	2	0.05	0.91	14	<0.5
C105927		<0.005	<0.02	0.91	2	0.05	1.15	19	<0.5
C105928		<0.005	<0.02	0.59	1	<0.05	0.89	15	<0.5
C105929		<0.005	<0.02	0.66	2	<0.05	0.99	14	<0.5
C105930		<0.005	<0.02	0.74	2	0.06	1.15	15	<0.5
C105931		<0.005	<0.02	0.57	2	<0.05	1.12	17	<0.5
C105932		<0.005	<0.02	0.76	2	<0.05	0.98	14	<0.5
C105933		<0.005	<0.02	0.77	1	0.05	0.91	17	<0.5
C105934		<0.005	<0.02	0.64	2	<0.05	0.89	28	<0.5
C105935		<0.005	<0.02	0.5	1	<0.05	0.87	15	<0.5
C105936		<0.005	<0.02	0.83	2	0.05	1.03	22	<0.5
C105937		<0.005	<0.02	0.61	1	<0.05	0.89	13	<0.5
C105938		<0.005	<0.02	0.83	2	<0.05	1.07	16	<0.5
C105939		<0.005	<0.02	0.51	1	<0.05	0.88	14	<0.5
C105940		<0.005	<0.02	0.52	1	0.05	0.86	13	<0.5
C105941		<0.005	<0.02	0.57	2	<0.05	0.83	13	<0.5
C105942		<0.005	<0.02	0.8	1	<0.05	1.1	13	<0.5
C105943		<0.005	<0.02	0.78	2	0.05	0.95	18	<0.5
C105944		<0.005	<0.02	0.55	2	<0.05	0.95	16	<0.5

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

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Total # Appendix Pages: 1
Finalized Date: 18-SEP-2008
Account: F

Project: Mike Lake / Rau

CERTIFICATE OF ANALYSIS VA08118582

Method	CERTIFICATE COMMENTS
ME-MS41	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS41	Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 11-SEP-2008
Account: RCM

CERTIFICATE VA08116468

Project: RAU

P.O. No.:

This report is for 4 Rock samples submitted to our lab in Vancouver, BC, Canada on 18-AUG-2008.

The following have access to data associated with this certificate:

AL ARCHER BILL WENGZYNOWSKI	DOUG EATON	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
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	
ME-MS61	48 element four acid ICP-MS	
Au-AA26	Ore Grade Au 50g FA AA finish	AAS

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Project: RAU

CERTIFICATE OF ANALYSIS VA08116468

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
G004920		1.66	<0.01	<0.01	7.57	<0.2	210	0.63	0.09	4.81	0.11	32.5	48.9	255	2.12	45.3
G004921		2.44	<0.01	<0.01	7.69	<0.2	90	1.17	0.06	5.42	0.07	57.1	51	278	1.41	17.7
G004922		2.14	<0.01	<0.01	7.58	0.2	250	0.78	0.1	3.66	0.04	35.2	36.4	177	1.75	53.8
G004923		1.30	0.01	<0.01	7.5	0.9	590	2.79	0.22	0.79	0.07	103	23.1	22	4.06	392

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CERTIFICATE OF ANALYSIS VA08116468

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
G004920		8.56	17.95	0.09	1.2	0.056	1.44	16.1	45.1	5.57	777	0.21	1.83	17.8	251	840
G004921		7.36	16.85	0.13	1.9	0.063	0.13	28.2	47.6	5.84	1160	0.74	2.19	33	211	1460
G004922		5.88	18.8	0.08	1.2	0.064	1.05	18	38.2	3.99	543	0.25	2.51	21.7	119	1010
G004923		3.42	23.7	0.11	0.4	0.105	3.31	58.6	29.9	0.67	410	0.11	1.49	40.6	15.8	530

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CERTIFICATE OF ANALYSIS VA08116468

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
G004920		2.2	27.5	<0.002	0.01	0.1	24.8	1	0.8	318	0.89	<0.05	1.9	0.815	0.09	0.6
G004921		3.3	5.2	<0.002	0.01	0.13	28.5	1	1.5	328	1.95	<0.05	3.5	1.2	0.02	0.6
G004922		3.8	24.3	<0.002	<0.01	0.12	21.1	1	2.2	377	1.04	<0.05	2.9	0.895	0.09	0.6
G004923		8.1	86.5	<0.002	0.07	0.27	7.8	2	4.6	81.1	1.95	<0.05	8.8	0.395	0.19	0.4

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Account: RCM

CERTIFICATE OF ANALYSIS VA08116468

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
G004920		189	0.5	18.9	99	22
G004921		251	0.4	21.5	85	55.2
G004922		140	0.6	17	94	22
G004923		39	1.2	9.4	85	13.9

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e: Appendix 1
Total # Appendix Pages: 1
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CERTIFICATE OF ANALYSIS VA08116468

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.

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Finalized Date: 16-SEP-2008
Account: RCM

CERTIFICATE VA08116467

Project: RAU-10

P.O. No.:

This report is for 29 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 18-AUG-2008.

The following have access to data associated with this certificate:

AL ARCHER BILL WENGZYNOWSKI	DOUG EATON	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Project: RAU-10

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CERTIFICATE OF ANALYSIS VA08116467

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
H246149		5.56	0.46	0.13	0.43	247	100	0.3	8.27	17.4	0.14	4.51	1.1	6	4.89	5.1
H246150		4.60	0.21	0.71	0.19	31	70	0.24	462	18.3	0.19	4.69	0.7	3	1.73	375
H246151		6.38	0.07	0.16	0.13	229	30	0.15	27.6	15.3	0.09	123	0.8	2	0.89	47.8
H246152		5.74	0.06	0.26	0.14	117	30	0.22	55.6	17.1	0.14	6.09	0.8	2	0.87	31.9
H246153		5.42	0.04	0.26	0.15	30	30	0.15	16.05	17.15	0.07	6.26	0.7	2	0.54	30
H246154		1.84	0.09	69.3	0.1	210	<10	0.09	1070	1.31	35.8	98	4.8	1	0.19	935
H246155		1.10	<0.01	0.07	0.1	<5	10	0.08	0.56	19.85	0.15	2.11	1.2	20	0.09	3
H246156		5.94	0.03	1.49	0.11	68	10	0.08	50.8	17	0.93	5.98	0.5	3	0.65	70.8
H246157		7.64	0.40	33.3	0.08	589	10	0.14	218	15.75	4.11	5.53	0.6	1	0.32	14.7
H246158		7.72	0.82	16.95	0.14	786	20	0.18	380	11	1.2	7.76	0.7	3	0.43	18
H246159		0.16	15.35	8.13	3.79	496	640	0.69	0.59	0.2	0.09	19.4	7.9	33	6.11	43.2
H246160		5.24	0.49	3.92	0.24	734	90	0.2	50	10.7	0.64	4.56	1.3	4	0.54	24.6
H246161		4.82	0.23	62.8	0.12	3270	10	0.2	677	10.5	75.2	17.1	4.2	1	0.23	111
H246162		3.64	0.11	64.5	0.05	6230	<10	0.27	572	4.21	4.73	6.51	1.5	10	0.59	100.5
H246163		6.58	0.01	0.93	0.13	94	<10	0.14	227	17.2	1.77	41.2	0.9	2	0.33	10
H246164		6.34	0.01	0.3	0.11	49	<10	0.1	48.9	16.15	0.63	8.37	0.8	1	0.42	22.1
H246165		6.50	0.13	0.36	0.13	805	<10	0.09	187.5	13.85	0.3	5.66	0.8	2	1.05	13.9
H246166		7.16	0.12	0.54	0.08	1090	<10	0.07	499	8.25	0.08	3.76	0.8	1	0.29	52.6
H246167		6.12	0.17	0.28	0.06	378	<10	0.11	75.1	15.2	0.12	6.27	0.5	3	0.42	34.5
H246168		5.78	0.16	1.05	0.07	307	<10	0.1	47.4	16.75	0.22	5.18	0.5	3	0.55	242
H246169		6.82	0.48	1.28	0.07	408	<10	0.05	144.5	12.1	0.14	6.71	1.3	3	0.34	63
H246170		0.16	14.65	9.44	3.77	491	760	0.81	0.29	0.19	0.08	19.4	7.9	33	6.03	42.6
H246171		5.04	0.01	6.66	0.04	353	<10	0.05	179	7.82	10.45	10.45	1.2	9	0.48	116
H246172		6.84	1.01	0.42	0.13	333	10	0.11	257	15.25	0.07	30.9	0.8	3	0.66	9.5
H246173		5.68	0.04	0.25	0.24	146	40	0.19	12.8	14.65	0.06	4.39	0.7	7	2.54	6.2
H246174		5.00	0.07	4.41	0.43	3960	30	0.63	195	9.93	0.33	6	3.9	11	3.41	35.8
H246175		0.80	<0.01	0.02	0.11	6	10	<0.05	0.41	19.9	0.14	1.94	0.7	2	0.18	2.1
H246176		5.98	0.03	0.38	0.19	278	50	0.18	12.8	16.55	0.2	4.06	1.2	4	1.65	20.3
H246177		6.00	0.02	0.19	0.12	42	40	0.16	6.71	19.05	0.04	3.61	0.7	2	1.39	7.6

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Project: RAU-10

Finalized Date: 16-SEP-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08116467

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
H246149		3.21	1.77	0.07	0.1	0.012	0.34	2.4	4.4	10.9	420	0.98	0.01	0.8	4.1	<10
H246150		0.95	0.98	0.05	0.1	0.133	0.12	2.4	2.9	11.45	394	1.17	0.01	0.3	4.2	10
H246151		5.48	1.17	0.15	0.1	0.015	0.06	73	2.7	9.74	451	0.99	0.01	0.2	3.4	70
H246152		3.31	0.78	0.08	0.1	0.01	0.06	3.1	2.7	11.25	490	1.31	0.01	0.2	3.6	20
H246153		2.23	0.86	0.07	0.1	0.011	0.04	2.8	3.3	11.35	622	2.89	0.02	0.3	2.7	20
H246154		38.4	1.42	0.48	0.1	1.88	<0.01	58.8	1	1.13	2150	0.57	0.01	0.5	7.3	230
H246155		0.2	0.37	0.21	<0.1	<0.005	0.03	1.1	1.9	11.85	245	0.18	<0.01	0.2	8.9	370
H246156		5.28	0.64	0.08	<0.1	0.06	0.03	3.3	2.7	11.05	679	0.41	<0.01	0.2	<0.2	20
H246157		8.26	0.5	0.08	<0.1	0.437	0.02	3	2.1	9.62	2480	0.77	<0.01	0.2	<0.2	10
H246158		16.2	0.87	0.16	0.1	0.209	0.05	4.6	1.6	6.7	1880	0.65	<0.01	0.3	1.5	10
H246159		3.31	7.48	0.11	2.1	0.032	3.16	9.4	54.9	0.19	152	5.68	0.07	6.6	15.2	530
H246160		17.8	1.38	0.18	0.1	0.078	0.1	2.4	2.1	6.64	960	1.25	<0.01	0.5	4.7	20
H246161		19.9	0.95	0.2	0.1	0.909	0.02	11.6	1.5	5.92	6280	0.86	<0.01	0.2	23.6	20
H246162		6.52	0.5	0.07	<0.1	1.035	0.01	4.1	1.5	2.33	2220	0.46	<0.01	<0.1	2.5	10
H246163		3.41	0.85	0.06	0.1	0.078	0.01	26.6	2.1	11.05	1070	1.5	<0.01	0.2	0.3	30
H246164		4.67	0.75	0.05	<0.1	0.015	0.01	4.4	2.6	10.75	687	0.53	<0.01	0.2	0.9	10
H246165		12	0.81	0.1	0.1	0.013	0.06	3	2.5	8.95	452	0.23	<0.01	0.2	2.2	<10
H246166		21.7	0.51	0.18	<0.1	0.018	0.01	1.9	1.3	5.81	371	0.4	<0.01	0.2	2.9	<10
H246167		6.87	0.4	0.08	<0.1	0.015	0.02	3.8	2.5	9.8	533	0.47	<0.01	0.1	<0.2	<10
H246168		5.87	0.45	0.06	<0.1	0.107	0.03	2.9	2.9	10.65	582	0.59	<0.01	0.2	<0.2	20
H246169		11.15	0.43	0.12	<0.1	0.017	0.01	3.6	1.8	7.88	512	0.38	<0.01	0.1	0.7	10
H246170		3.27	7.31	0.13	2.2	0.035	3.13	9.5	58.1	0.19	147	5.69	0.06	6.5	15.4	530
H246171		6.09	0.44	0.07	<0.1	0.809	0.02	6.6	2.3	5.37	1030	0.37	<0.01	0.1	1	10
H246172		7.54	0.77	0.08	0.1	0.016	0.04	20.2	2.4	9.72	640	0.68	<0.01	0.3	<0.2	30
H246173		5.42	1.22	0.05	0.1	0.016	0.16	2.5	2.5	8.88	689	0.45	<0.01	0.7	1	10
H246174		6.88	2.37	0.1	0.3	0.785	0.22	3.4	2.4	6.05	2080	0.58	<0.01	1	4.9	20
H246175		0.21	0.36	0.13	0.1	<0.005	0.04	1.1	2.2	11.55	126	0.06	<0.01	0.4	<0.2	320
H246176		5.05	0.93	0.05	0.1	0.064	0.11	2.2	2.6	10.3	714	0.26	<0.01	0.4	0.9	30
H246177		1.3	0.62	<0.05	0.1	0.008	0.1	2.3	3.8	12	441	0.38	<0.01	0.2	<0.2	20

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

Project: RAU-10

Finalized Date: 16-SEP-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08116467

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
H246149		7.6	49.6	<0.002	3.01	1.09	1.1	3	0.5	38.6	0.05	0.07	0.6	0.023	0.36	0.3
H246150		9.2	17.6	<0.002	0.79	43.5	0.7	4	4.8	48.8	<0.05	0.13	0.3	0.01	0.16	0.4
H246151		4.4	10.7	0.002	5.71	3.96	0.8	5	0.9	64.6	<0.05	0.08	0.7	0.006	0.07	1.8
H246152		7.1	12.9	0.002	3.41	21.9	0.8	4	0.4	75.3	<0.05	0.17	0.2	0.006	0.15	0.6
H246153		3.8	6.9	0.002	1.85	5.73	0.7	4	0.5	69.7	<0.05	0.07	0.2	0.006	0.06	0.8
H246154		444	0.8	<0.002	>10.0	86.5	0.2	22	11.7	5.3	<0.05	1.94	2	0.005	0.12	21.8
H246155		1.7	1	<0.002	0.04	0.22	0.4	2	<0.2	93.3	<0.05	0.05	<0.2	<0.005	<0.02	0.2
H246156		28	6.5	0.002	4.42	4.05	0.5	5	1	65.1	<0.05	0.15	0.2	<0.005	0.05	1.1
H246157		284	2	<0.002	8.93	18.95	0.4	5	6.1	62.7	<0.05	0.31	0.3	<0.005	0.05	2.6
H246158		168	6.8	<0.002	>10.0	29.4	0.4	13	8.2	49.2	<0.05	0.41	0.2	0.005	0.09	1.5
H246159		5.5	113	0.002	2.25	45	7	16	2.5	73.5	0.4	0.23	1.5	0.31	4.34	0.7
H246160		44.2	13.8	<0.002	>10.0	7.07	0.6	18	3.8	63.6	<0.05	0.25	0.2	0.012	0.23	0.4
H246161		2360	1.8	<0.002	>10.0	32.5	<0.1	10	14.1	42.3	<0.05	0.79	0.2	<0.005	0.93	1.7
H246162		246	1.7	<0.002	6.15	46.3	<0.1	5	17.3	14.9	<0.05	1	<0.2	<0.005	0.11	0.5
H246163		37.2	1	0.002	2.85	4.32	0.6	3	1.7	59.4	<0.05	0.36	0.5	0.005	0.11	0.8
H246164		5.4	2	<0.002	3.43	1.55	0.5	4	0.5	60.6	<0.05	0.15	<0.2	<0.005	0.13	0.6
H246165		11.1	12.8	0.002	>10.0	6.27	0.5	6	0.3	39.1	<0.05	0.3	<0.2	0.006	0.13	1.8
H246166		5.8	2.4	<0.002	>10.0	14.65	0.4	13	0.6	27.4	<0.05	0.78	<0.2	<0.005	0.03	1.6
H246167		6.4	2.9	0.002	7.94	6.09	0.4	5	3.8	44	<0.05	0.24	0.2	<0.005	0.04	2.8
H246168		5.9	6.4	0.002	7.12	14.3	0.4	6	54	42.2	<0.05	0.32	<0.2	<0.005	0.06	0.6
H246169		8	2.5	<0.002	>10.0	24.2	0.6	6	1	34.4	<0.05	0.32	<0.2	<0.005	0.02	1.4
H246170		5.6	112	0.002	2.21	44.8	7	16	2.6	72.4	0.39	0.21	1.6	0.306	4.51	0.7
H246171		31.7	3.2	<0.002	4.5	8.23	0.3	4	2.9	21.3	<0.05	0.44	0.2	<0.005	0.04	0.5
H246172		6.1	8.1	<0.002	8.57	7.29	0.6	5	0.5	53.2	<0.05	0.39	0.8	0.007	0.06	1.2
H246173		4.9	25.2	<0.002	6.06	3.13	0.6	5	0.9	68	<0.05	0.17	0.3	0.017	0.19	0.4
H246174		14.8	36.4	<0.002	5.57	9.11	0.1	6	8	43.6	<0.05	0.78	0.5	0.03	0.39	0.6
H246175		1.4	1.6	<0.002	0.05	0.2	0.4	1	<0.2	99.7	<0.05	0.05	0.2	0.007	<0.02	0.3
H246176		5.1	17.3	0.002	5.91	9.9	0.5	4	0.7	82	<0.05	0.11	0.2	0.01	0.15	0.5
H246177		10.1	16.9	<0.002	1.51	8.01	0.3	3	0.2	48.9	<0.05	0.09	0.2	0.005	0.12	0.6

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VANCOUVER BC V6B 1L8

Project: RAU-10

Finalized Date: 16-SEP-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08116467

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Zn-OG62
	Analyte	V	W	Y	Zn	Zr	Zn
	Units	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	0.01
H246149		7	1	1.8	39	5.3	
H246150		4	1.1	1.6	37	2.8	
H246151		6	1.5	2.8	31	2.3	
H246152		6	9.4	2.1	31	2.2	
H246153		6	2.7	2.6	15	2.1	
H246154		5	1.7	1.6	7310	2.6	
H246155		1	0.2	1.8	9	1.2	
H246156		5	1.2	1.9	206	1.3	
H246157		5	1.1	2.1	891	1.4	
H246158		6	1.1	2.1	230	2.3	
H246159		58	9.5	10.1	46	68	
H246160		8	1.5	1.8	129	4.3	
H246161		6	1.5	2.5	>10000	1.4	1.62
H246162		3	2	1.1	938	0.6	
H246163		6	36.3	3.6	362	1.8	
H246164		6	5	2.9	143	1.5	
H246165		5	1	2.4	64	1.6	
H246166		5	17.9	2.2	13	1.1	
H246167		4	63.9	2.6	19	0.8	
H246168		3	1.4	2.4	38	1	
H246169		3	9.1	3.1	20	0.8	
H246170		57	12.2	10.2	43	67.9	
H246171		3	0.9	1.4	1950	0.8	
H246172		4	1.4	2.5	12	2.5	
H246173		5	1	2.1	12	3.8	
H246174		7	1430	2.3	83	7.1	
H246175		2	1.9	1.9	8	1.8	
H246176		5	197.5	2.1	51	2.9	
H246177		4	1.3	2.1	6	1.6	

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Project: RAU-10

Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 16-SEP-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08116467

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

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Finalized Date: 10-SEP-2008
Account: RCM

CERTIFICATE VA08116464

Project: RAU-09

P.O. No.: RAU-08-09

This report is for 31 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 18-AUG-2008.

The following have access to data associated with this certificate:

AL ARCHER BILL WENGZYNOWSKI	DOUG EATON	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	
ME-MS61	48 element four acid ICP-MS	
Au-AA26	Ore Grade Au 50g FA AA finish	AAS

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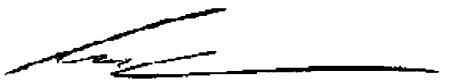
This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Project: RAU-09

Finalized Date: 10-SEP-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08116464

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
H246118		7.04	0.09	4.67	1.08	132	200	0.48	238	13.45	6.37	13.7	4.7	28	2.79	12
H246119		5.64	0.05	0.55	0.73	13	90	0.43	13.15	18.4	0.92	7.57	2.4	13	3.44	17.3
H246120		6.48	0.01	0.32	1.9	74.3	130	0.63	313	7.19	0.49	16	10.3	25	8.95	17.3
H246121		3.60	0.02	1.91	8.25	69.7	620	3.72	45.9	1.91	2.05	121	15.9	63	4.99	21.2
H246122		4.94	0.33	10.65	0.2	2750	20	0.14	148.5	9.41	2.42	5.54	2.1	3	0.46	11.5
H246123		4.32	0.03	1.92	0.21	77.7	10	<0.05	587	6.33	0.43	2.77	2	1	1.71	29.3
H246124		0.16	14.05	7.51	3.8	421	620	0.69	1.22	0.2	0.07	17.9	7.4	30	5.16	46.9
H246125		4.24	0.01	1.52	0.83	13.7	90	<0.05	773	4.86	0.12	3.21	4.7	4	3.15	37.9
H246126		4.94	0.16	0.64	0.17	20	10	0.08	372	12	0.09	4.39	1.3	1	1.75	19.7
H246127		1.02	0.01	0.04	0.15	5	40	0.07	3.26	19.8	0.12	1.44	0.8	5	0.1	3.5
H246128		3.44	0.04	0.56	0.18	145	20	0.09	102.5	14	0.14	5.8	2.8	1	1.58	13.3
H246129		4.56	0.01	0.8	0.2	8.2	10	0.09	180.5	8.45	0.09	3.31	0.5	<1	1.91	30.5
H246130		5.56	0.05	1.08	0.04	196	<10	0.09	371	7.02	0.06	3.37	2	<1	0.41	32.6
H246131		3.78	0.08	1.17	0.08	41	10	<0.05	562	11.05	0.14	5.61	1.6	<1	0.93	23.7
H246132		6.98	0.02	0.59	0.06	119	10	0.06	91.3	13.6	0.08	6.35	1.1	2	0.81	18.7
H246133		7.24	0.02	0.43	0.12	108	10	0.09	107.5	13.85	0.4	7.23	1.6	<1	1.57	20
H246134		3.64	0.04	1.01	0.31	117	30	0.07	103.5	6.27	0.15	4.1	3.3	3	3.91	39.6
H246135		1.76	0.05	1.02	0.93	1115	120	0.27	138.5	7.98	0.45	7.8	11.3	5	3.7	28.7
H246136		1.02	0.09	0.59	2.43	1255	410	0.72	192	7.29	0.47	11	8.7	12	3.26	13.3
H246137		2.00	0.01	1.11	0.22	229	40	0.15	261	13.3	0.49	8.11	1.7	<1	0.82	15.6
H246138		0.38	0.11	0.66	5.31	704	860	1.23	262	2.52	0.99	18.1	5.3	86	5.25	24.3
H246139		0.74	0.11	1.12	6.21	647	1050	1.54	188.5	1.72	0.81	18.45	3.2	130	6.02	17.5
H246140		0.14	13.65	7.89	3.67	434	480	0.77	0.22	0.18	0.08	19.3	8.1	31	5.6	46.7
H246141		0.82	0.11	0.37	8.65	581	1830	2.48	15	1.76	0.31	128.5	14.7	194	10.35	6.2
H246142		2.20	0.06	1.08	0.16	1065	60	0.13	517	14.2	0.72	11.75	1	1	0.42	24.9
H246143		4.62	<0.01	0.21	0.1	126	20	0.13	44.3	18.1	0.47	8.81	0.6	<1	0.47	6.9
H246144		0.44	0.01	0.64	0.17	303	20	0.19	51.6	15.95	2.86	8.22	1.1	<1	0.54	16.2
H246145		0.98	<0.01	0.02	0.11	13	10	0.12	0.63	19.6	0.14	1.74	0.8	1	0.2	2.9
H246146		4.86	<0.01	3.02	0.08	305	20	0.07	192	18.15	1.45	11.4	0.7	<1	0.39	13.5
H246147		0.44	0.76	5.7	0.1	8240	180	0.14	1440	12	3.15	15.85	2	<1	0.19	33.5
H246148		5.26	0.01	0.03	0.09	51	20	0.08	3.72	34.6	0.07	3.45	1.1	2	0.08	3

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Project: RAU-09

Finalized Date: 10-SEP-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08116464

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
H246118		8.19	5.79	0.12	0.4	3.44	0.48	7.2	5.1	7.85	10250	0.6	0.03	3.4	15.5	60
H246119		2.66	3.42	0.08	0.4	0.239	0.4	3.8	4.2	9.89	3080	0.59	0.01	3.3	7.5	70
H246120		7.69	11.65	0.12	1	0.045	0.94	7.4	6	4.45	1290	0.74	0.05	4.5	33.6	540
H246121		4.64	38.9	0.21	1.9	0.273	4.31	61.5	20.7	1.32	835	0.94	0.06	45.7	29	3350
H246122		21.6	1.32	0.27	0.1	0.222	0.08	2.1	1.5	5.22	2940	0.18	0.01	0.9	5.3	100
H246123		23.2	2.11	0.47	0.3	0.06	0.13	1	2.9	8.6	1280	0.16	0.01	1.1	9.1	120
H246124		3.36	7.3	0.15	1.5	0.032	3.12	8	45.6	0.2	152	5.48	0.09	6.6	15.2	560
H246125		38.4	5.02	0.45	0.6	0.067	0.51	0.9	4.3	4.2	913	0.14	0.01	3	23.6	170
H246126		19.8	1.39	0.23	0.1	0.065	0.13	1.4	2.4	7.78	2420	0.08	0.01	0.8	11.5	70
H246127		0.36	0.55	0.05	0.1	0.005	0.03	0.7	2	11.25	108	0.06	0.01	0.3	5	350
H246128		14.8	1.33	0.18	0.1	0.057	0.11	2.1	2.5	8.63	3110	0.08	0.01	1	10.3	120
H246129		35	1.24	0.33	0.1	0.057	0.17	1.1	2.5	5.2	1725	0.06	0.01	1	9	100
H246130		36.2	0.44	0.34	<0.1	0.046	0.03	1.1	1	4.44	1310	0.07	<0.01	0.3	7.5	40
H246131		20.6	1	0.3	0.1	0.046	0.06	2	2.2	8.05	2130	0.08	0.01	0.3	4.5	80
H246132		18.4	0.65	0.21	<0.1	0.054	0.05	2.2	2	8.08	2640	0.07	0.01	0.2	3.7	130
H246133		16.2	0.99	0.19	0.1	0.058	0.09	2.5	2.3	7.91	2880	0.08	0.01	0.4	6.6	60
H246134		33.3	2.14	0.34	0.1	0.042	0.24	1.5	3.4	4.5	1085	0.15	0.01	1.3	13.8	150
H246135		23.9	4.71	0.28	0.4	0.075	0.43	2.7	4.3	5.07	3820	0.18	0.01	3.1	40.3	190
H246136		17.5	12.7	0.23	1.1	0.111	1.35	4.2	10.4	4.53	2730	0.25	0.02	7.4	31.6	280
H246137		18.2	1.69	0.22	0.1	0.083	0.09	2.8	2.2	7.22	4720	0.26	0.01	0.6	5.6	140
H246138		26.4	20.2	0.33	1.5	0.127	2.8	8.9	39.7	1.61	2670	0.9	0.04	17.9	22.9	420
H246139		21.5	24.6	0.27	1.5	0.117	3.33	9.2	48	1.45	2090	1.15	0.04	17	23.2	400
H246140		3.17	7.56	0.13	1.6	0.03	3.06	8.5	52.2	0.18	144	5.46	0.08	6.6	15.5	520
H246141		5.15	34.6	0.2	4.2	0.175	4.27	63.6	33	1.24	1255	1.28	0.07	37.1	30.9	920
H246142		14.75	1.26	0.2	0.1	0.127	0.07	4.8	2.2	7.43	5590	1.5	0.01	0.8	3.8	180
H246143		4.95	0.82	0.08	0.1	0.092	0.05	3.3	2.7	9.57	4450	0.19	0.01	0.4	2.7	120
H246144		10.6	1.46	0.13	0.1	0.185	0.08	2.9	3.3	8.06	4990	0.19	0.01	0.4	3.6	230
H246145		0.2	0.41	0.05	<0.1	<0.005	0.04	1	2.3	11.35	140	0.12	0.01	0.6	3.6	290
H246146		4.89	0.79	0.1	0.1	0.153	0.04	4.3	3	9.32	5450	0.17	0.01	0.2	2.2	120
H246147		23.4	0.92	0.29	0.1	0.74	0.03	6.6	1.3	4.56	7650	1.35	0.01	0.4	10.1	150
H246148		0.4	0.35	<0.05	<0.1	0.005	0.05	3.1	0.4	0.64	238	0.06	<0.01	0.6	3.3	70

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

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

Project: RAU-09

CERTIFICATE OF ANALYSIS VA08116464

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
H246118		269	41.3	<0.002	1.17	5.27	4.1	3	7.4	76	0.19	0.24	0.7	0.082	0.4	1.1
H246119		37.1	47.1	0.003	0.92	1.07	2.1	2	3.5	69.2	0.19	0.12	0.8	0.059	0.47	0.5
H246120		8.4	147	0.006	4.81	3.49	3.7	3	3.8	43.3	0.27	0.5	1.6	0.099	1.29	3.3
H246121		132	221	0.002	3.07	3.6	11.1	2	31.3	22.4	2.78	0.13	9.6	0.381	1.05	2.3
H246122		115.5	9.5	0.002	>10.0	9.28	1.3	3	2.7	53.2	0.05	0.2	0.2	0.008	0.16	0.5
H246123		19.1	24	0.007	>10.0	5.14	1.9	5	7.4	30.8	0.08	0.33	0.2	0.012	0.17	0.5
H246124		5.5	105.5	0.003	2.23	38.9	6.8	17	2.2	68	0.43	0.21	1.2	0.301	4.06	0.6
H246125		9.9	62	0.013	>10.0	5.63	2.2	6	7.6	28.8	0.18	0.5	0.7	0.039	0.4	0.8
H246126		6.5	23.7	0.003	9.36	2.69	1	5	0.5	77.4	<0.05	0.45	<0.2	0.011	0.14	0.3
H246127		5.4	1.5	<0.002	0.15	0.22	0.8	3	<0.2	90.9	<0.05	<0.05	0.2	0.008	<0.02	0.2
H246128		6.5	17.9	0.006	9.53	1.07	1	3	0.6	89.7	0.05	0.17	0.2	0.01	0.13	0.4
H246129		3.8	30.6	0.002	>10.0	1.16	0.5	6	0.6	54.3	0.06	0.31	0.4	0.013	0.15	0.3
H246130		3.8	4	0.003	>10.0	2.16	0.3	6	0.3	37.2	<0.05	0.46	<0.2	<0.005	0.06	0.1
H246131		6.8	10.9	0.006	9.8	3.38	1	4	6.1	73.3	<0.05	0.71	<0.2	<0.005	0.19	0.3
H246132		4.4	8.8	0.002	>10.0	0.87	0.6	4	0.4	74.2	<0.05	0.22	<0.2	<0.005	0.07	0.2
H246133		4.2	11.4	0.003	9.08	0.93	0.6	4	0.7	86	<0.05	0.23	<0.2	0.006	0.11	0.4
H246134		3.8	30.1	0.003	>10.0	0.69	0.8	6	0.9	30.3	0.06	0.43	0.5	0.017	0.22	0.4
H246135		7.6	32.5	0.007	>10.0	1.37	1.5	5	2.3	53.5	0.16	0.26	1.1	0.04	0.26	1.2
H246136		9	87.4	0.003	3.01	1.92	2.9	4	6.5	48.9	0.38	0.17	3.2	0.088	0.47	1.7
H246137		17.5	12.1	0.003	1.82	6.09	1.3	5	1.3	82.3	<0.05	0.37	0.2	0.009	0.33	0.8
H246138		6.2	128	0.002	0.33	3.81	6.9	4	7	18.3	1.29	0.33	4.4	0.137	0.75	1.9
H246139		5.3	150.5	0.002	0.18	2.89	8.3	3	8.6	13.3	1.2	0.26	4.9	0.177	0.88	1.9
H246140		5.4	103.5	0.002	2.13	41.3	7.3	16	2.4	66.9	0.45	0.14	1.3	0.297	4.15	0.7
H246141		3.5	204	<0.002	0.19	1.02	22	3	14.3	36.4	2.05	0.1	9.7	0.609	1.65	4
H246142		41.1	5.7	0.002	0.84	8.38	1	4	6.2	87.9	<0.05	0.39	0.2	0.01	0.28	1.1
H246143		19.9	5.8	<0.002	0.46	1.16	0.9	3	1	110.5	<0.05	0.05	<0.2	0.006	0.09	0.2
H246144		151.5	11.6	0.002	0.21	2.83	1.1	3	5.4	96.1	<0.05	0.07	<0.2	0.008	0.23	0.6
H246145		1.7	1.4	<0.002	0.01	0.13	0.5	3	<0.2	94.9	<0.05	<0.05	<0.2	<0.005	<0.02	0.2
H246146		96.5	4.6	<0.002	0.3	4.58	0.9	3	2	108	<0.05	0.15	<0.2	<0.005	0.1	0.2
H246147		184	1.8	0.002	0.44	22.3	0.7	5	1	56.1	<0.05	1.03	0.3	<0.005	0.25	1.9
H246148		1.5	1.7	<0.002	0.09	0.16	0.5	3	<0.2	112.5	<0.05	<0.05	<0.2	0.009	<0.02	0.1

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

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Project: RAU-09

Finalized Date: 10-SEP-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08116464

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
H246118		18	8	11.1	1450	17.3
H246119		13	3.6	5.8	192	18.3
H246120		32	48.7	8.3	135	41.5
H246121		97	15.1	13.7	516	88.4
H246122		6	89.8	6.5	544	4.4
H246123		7	128	3.5	106	5.3
H246124		55	9.4	9.6	48	62.5
H246125		13	1210	4.2	23	23.3
H246126		6	116.5	5.2	23	5.4
H246127		2	3.9	1.7	10	2.1
H246128		5	185	5.8	38	4.5
H246129		6	17.9	4	24	6.1
H246130		4	110.5	4.2	15	1.3
H246131		5	1140	5.8	29	1.5
H246132		4	103.5	6.4	19	1.5
H246133		5	43.7	7	40	2.6
H246134		6	56.5	3.5	54	6.1
H246135		14	46.4	8.4	134	18.6
H246136		25	69.3	11.1	121	44.4
H246137		7	207	10.5	75	5.3
H246138		86	134	9.9	108	59.4
H246139		124	210	8.1	95	53.1
H246140		54	9.2	10	46	64
H246141		162	22.6	14.9	34	176
H246142		9	95.3	10.9	236	4.9
H246143		7	11.8	10.1	109	2.6
H246144		11	57.5	11.4	715	4.6
H246145		1	0.6	1.9	11	1.3
H246146		7	45	11.3	348	2.8
H246147		6	176.5	14.8	1080	2.4
H246148		1	0.7	4.6	6	1.4

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

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Project: RAU-09

Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 10-SEP-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08116464

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

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Finalized Date: 9-SEP-2008
Account: RCM

CERTIFICATE VA08108755

Project: RAU

P.O. No.:

This report is for 49 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 7-AUG-2008.

The following have access to data associated with this certificate:

AL ARCHER BILL WENGZYNOWSKI	DOUG EATON	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

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

To: **ATAC RESOURCES LTD.**
ATTN: AL ARCHER
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.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Chemex

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Project: RAU

Finalized Date: 9-SEP-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08108755

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
H246039		6.54	0.06	0.09	1.51	22	490	0.43	4.76	17.55	0.04	11	3.9	45	13.1	4.9
H246040		5.80	0.03	0.12	1.29	11	200	0.44	6.57	17.4	0.29	12.9	3.2	24	12.45	8.7
H246041		6.36	0.45	0.79	1.49	176	130	0.6	85.7	15.1	3.26	12.2	4	16	11.45	12.8
H246042		7.04	1.09	0.11	3.59	250	130	0.85	37.1	11.2	0.11	58.8	26.9	77	10.55	7.3
H246043		6.22	0.04	0.11	6.58	51.8	700	2.12	4.68	5.44	0.04	80.1	50.8	219	21.7	17.9
H246044		5.92	<0.01	0.04	6.39	5.9	2080	1.58	0.29	6.77	0.04	80.6	45.6	244	34.6	3.7
H246045		6.60	0.01	0.11	6.34	2.6	2010	1.52	0.25	7.56	0.08	81	45.1	220	15	62.4
H246046		0.16	13.80	17.2	6.9	882	470	1.42	0.06	0.33	0.18	30.3	15.8	63	10.65	80.7
H246047		5.10	0.01	0.3	6.22	6	1470	1.27	0.33	8.24	0.08	67.8	37.6	182	17.25	48
H246048		6.26	<0.01	0.32	6.45	3	1170	1.42	0.52	6.9	0.12	71.7	42.6	222	37.5	46.2
H246049		6.02	0.01	0.23	6.62	2.1	1530	1.45	0.31	5.97	0.21	79.1	38.4	217	20.1	62.3
H246050		6.30	0.01	0.23	6.89	21.3	690	1.56	1.82	5.32	0.05	76.7	33.3	228	23	30.1
H246051		4.48	0.15	0.34	6.42	509	840	1.64	33	2.46	0.1	73.9	13.2	59	7.3	13.5
H246052		3.88	1.60	0.22	1.53	>10000	140	0.27	86.6	11.6	0.07	31.3	3.6	13	3.97	10.1
H246053		4.04	1.12	0.15	2.95	5610	180	0.55	40.5	8.23	0.02	22.1	2.9	25	9.71	4.7
H246054		4.46	0.02	<0.01	0.27	50.2	10	0.1	2.04	0.27	<0.02	12.45	0.7	6	0.27	5.5
H246055		3.98	0.36	0.01	1.42	2060	250	0.44	15.15	15.6	0.03	8.1	2.3	13	13.45	3
H246056		0.94	<0.01	<0.01	0.09	13	20	0.07	0.08	18.2	0.11	1.44	0.8	3	0.11	2.4
H246057		6.86	0.28	0.06	0.21	7580	10	0.07	104	13.85	0.03	6.04	0.8	6	2.21	2.6
H246058		6.44	0.24	0.06	0.48	5610	60	0.17	27.2	15.25	0.04	6.07	1.1	7	3.66	2.7
H246059		6.28	0.07	0.07	0.94	674	190	0.43	26.5	14.1	0.02	5.48	1.5	14	4.08	3.9
H246060		6.62	0.13	0.06	0.18	689	60	0.07	33.1	13.25	0.03	4.82	0.7	5	1.33	3.4
H246061		5.86	0.06	<0.01	0.12	256	50	0.13	12.3	16.65	0.02	4.05	0.8	2	0.92	1.9
H246062		6.36	0.07	0.03	0.15	477	30	0.11	23.4	15.55	0.02	4.17	0.7	2	1.49	2.1
H246063		6.08	0.05	0.05	0.26	582	10	0.15	17.2	14.6	0.02	7.66	0.8	1	2.52	3.4
H246064		6.90	0.07	0.07	0.05	652	<10	0.07	32.5	14.3	0.07	25.7	0.5	<1	0.76	4.2
H246065		6.72	0.09	0.12	0.57	608	50	0.16	42	13.05	0.07	11.8	1.8	4	4.46	3.3
H246066		0.16	14.50	8.07	3.69	467	700	0.88	0.05	0.18	0.1	18.25	8.4	32	5.81	43.5
H246067		6.16	0.06	0.07	0.14	565	10	0.11	22	13.85	0.06	9.49	0.7	3	1.37	2.4
H246068		6.70	0.01	0.1	0.59	325	130	0.24	15.85	9.93	0.03	8.28	1.4	5	1.95	3.1
H246069		1.22	<0.01	<0.01	0.19	9	20	0.07	4.09	18.55	0.21	3.86	1.3	3	0.11	2.6
H246070		6.04	0.01	0.07	0.1	284	30	0.07	13.6	15.35	0.04	5.94	0.6	2	1.23	3.2
H246071		6.62	0.02	0.11	1.2	237	140	0.46	25	12.7	0.1	7.2	1.5	10	10.35	6.8
H246072		6.32	0.02	0.11	1.26	223	140	0.47	30.1	14.75	0.05	9.85	2.1	9	16.8	3.9
H246073		4.62	0.25	0.13	1.01	531	140	0.25	121	13	0.07	9.5	4	2	6.43	5.6
H246074		0.16	14.35	8.66	3.79	469	710	0.94	0.14	0.21	0.09	19.1	8.6	31	5.98	45.5
H246075		4.50	0.06	0.17	1.22	629	120	0.39	87.6	11.7	0.1	6.28	2.2	6	7.69	4.7
H246076		3.64	0.03	0.05	1.53	172	130	0.57	9.77	15.75	0.04	6.83	9.9	22	8.03	5.6
H246077		4.40	0.02	0.05	0.3	318	100	0.16	26.6	15.45	0.04	6.12	1.1	2	1.87	2.1
H246078		3.72	<0.01	<0.01	0.27	7.8	10	0.11	1.88	2.45	<0.02	11.4	0.5	5	0.4	3.2

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

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EXCELLENCE IN ANALYTICAL CHEMISTRY

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

Project: RAU

Finalized Date: 9-SEP-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08108755

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
H246039		1.69	3.67	0.05	0.3	0.009	1.08	5.9	12.8	9.3	568	0.54	0.02	5.2	15.9	40
H246040		1.66	4.6	0.06	0.5	0.01	0.88	6.6	8.9	9.49	963	0.49	0.02	6.6	8.6	80
H246041		5.17	7.24	0.09	0.8	0.091	0.85	5.6	9	7.67	2730	0.87	0.02	8.1	13.7	150
H246042		7.2	12.9	0.14	1	0.034	2.08	32.4	15.4	5.69	1145	1.04	0.04	14.4	85.1	1100
H246043		8.38	23.3	0.17	0.7	0.062	4.05	40.9	38.2	1.85	510	0.87	0.08	30.5	262	3150
H246044		7.43	19.4	0.14	0.8	0.059	3.67	43.1	43	3.23	1145	0.34	0.09	32	232	2130
H246045		5.81	16.1	0.14	2	0.066	2.67	44.1	37.4	4.98	1785	0.24	0.13	30.9	216	1760
H246046		5.78	14.5	0.22	2.9	0.059	4.49	14.5	78.3	0.33	271	10.8	0.15	12.9	28.3	970
H246047		4.85	16.1	0.15	2.2	0.049	2.84	35.5	33.8	5.53	2080	0.39	0.14	25	190.5	1690
H246048		5.78	16.8	0.17	1.7	0.047	3.24	37.7	45.3	5.84	1100	0.31	0.15	32.4	218	1750
H246049		6.03	17.75	0.17	2.2	0.045	2.79	41.7	42.2	5.34	933	0.28	0.19	28.2	204	1770
H246050		5.53	21.2	0.19	2.3	0.037	4.23	34.2	49.3	5.39	626	0.33	0.25	33.9	184.5	1840
H246051		7.14	24.7	0.17	2.5	0.048	3.07	38.9	36.2	2.61	193	0.69	0.05	38.9	47	900
H246052		13.2	5.59	0.2	0.5	0.091	0.96	17.9	8	6.19	2180	0.34	0.02	12.1	11.1	290
H246053		6.57	11.4	0.11	0.8	0.045	1.7	12.1	20.2	4.77	1130	0.5	0.04	18.8	21.6	730
H246054		0.56	0.94	<0.05	0.3	<0.005	0.1	5.8	2.7	0.14	67	1.44	0.01	0.8	1.6	20
H246055		4.68	6.16	0.07	0.7	0.032	1.07	4.6	13.7	9.47	1010	0.18	0.01	10.3	10.2	120
H246056		0.12	0.31	0.08	<0.1	<0.005	0.02	0.9	1.5	11.3	114	0.07	<0.01	0.3	2.4	310
H246057		10.95	1.35	0.15	0.1	0.033	0.14	2.9	2.4	8.24	1180	0.21	0.01	0.8	1.8	70
H246058		6.9	2.61	0.1	0.3	0.044	0.32	2.9	4.7	9.45	1210	0.07	0.01	3.1	2.9	100
H246059		7.79	4.08	0.11	0.5	0.018	0.54	3.2	7.1	8.83	622	0.3	0.01	4.4	3.3	200
H246060		10.2	1.32	0.14	0.1	0.035	0.11	2.6	3	8.08	1440	0.2	0.01	0.6	1.4	50
H246061		5.07	0.65	0.09	0.1	0.013	0.07	2.9	2.9	10.85	619	0.13	0.01	0.6	1.2	70
H246062		7.48	0.87	0.1	0.1	0.011	0.1	2.6	2.6	9.94	602	0.05	0.01	0.6	1.2	40
H246063		8.21	1.67	0.12	0.2	0.023	0.16	3.9	2.2	9.06	1040	0.19	0.01	0.9	2.5	110
H246064		9.69	0.59	0.14	<0.1	0.05	0.03	15.9	2.3	8.85	1870	0.05	0.01	0.3	0.3	30
H246065		10.35	3.49	0.15	0.5	0.063	0.32	4.7	4.4	8.6	2290	0.31	0.02	4.9	4.8	260
H246066		3.13	7.55	0.12	1.9	0.029	3.09	9.1	50.1	0.18	142	5.73	0.08	6.7	17	500
H246067		9.31	1.07	0.13	0.1	0.116	0.08	4.7	3.3	8.56	2070	0.09	0.01	0.5	0.8	50
H246068		7.4	3.15	0.11	0.3	0.028	0.27	3.8	3.9	6	828	0.19	0.02	2.5	6.3	160
H246069		0.22	0.57	0.08	0.1	<0.005	0.03	1.7	2.5	11.05	101	<0.05	0.01	0.4	3.9	300
H246070		6.67	0.73	0.11	<0.1	0.051	0.06	3	2.7	9.82	1250	0.15	0.01	0.4	1.3	40
H246071		8.39	6.09	0.14	0.8	0.027	0.76	3.6	6.1	7.52	673	0.17	0.01	7.4	8.1	170
H246072		6.53	6.47	0.12	0.7	0.031	1.09	5.1	8.2	9.21	946	0.11	0.02	5.7	8.5	200
H246073		12.35	5.8	0.18	0.5	0.075	0.64	3.9	7.4	7.96	1720	0.28	0.02	3.8	8.4	50
H246074		3.23	7.81	0.13	2.1	0.037	3.15	9.4	52.2	0.19	148	5.94	0.08	7	15.3	520
H246075		13.75	5.91	0.21	0.7	0.07	0.74	2.8	10.8	7.41	1610	0.16	0.02	7.7	5.8	80
H246076		3.97	7.47	0.07	0.5	0.041	0.92	3.5	15.3	10.2	1010	0.36	0.02	6.3	22.5	380
H246077		6.51	1.8	0.1	0.1	0.048	0.16	3.4	3.8	9.84	1230	0.07	0.02	1.4	4.1	50
H246078		0.56	0.91	<0.05	0.2	0.005	0.1	5.5	2.8	1.33	159	1.11	0.01	0.7	1.5	20

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Project: RAU

Finalized Date: 9-SEP-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08108755

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
H246039		4.2	78	<0.002	1.55	0.99	4.3	2	1	75.4	0.29	<0.05	1	0.136	1.05	0.4
H246040		10.9	119.5	<0.002	1.02	0.57	3.1	2	1.3	73.8	0.37	0.08	1.4	0.125	0.91	0.6
H246041		100.5	103	0.002	4.16	3.19	2.9	3	3.6	75.8	0.47	0.19	1.3	0.12	0.99	0.9
H246042		3.3	190.5	<0.002	8.33	1.06	11.1	2	4.2	61.5	0.83	0.31	3.3	0.287	0.93	1.5
H246043		3.1	228	<0.002	7.44	0.4	22.6	2	8.3	63.1	1.75	0.08	6.5	0.582	1.51	0.7
H246044		1.8	221	<0.002	0.23	0.47	21.7	2	3.3	110	2	0.05	6.4	0.781	1.65	0.7
H246045		2.8	96.2	<0.002	0.25	0.27	20.4	2	2.3	144	1.88	<0.05	6.9	0.689	0.59	1.4
H246046		10.6	87	0.003	4.33	77.6	12.5	29	4.6	128.5	0.81	0.24	2.4	0.548	8.22	1.2
H246047		2.6	100	<0.002	0.65	0.54	18.3	2	1.9	133.5	1.45	<0.05	6.4	0.61	0.81	1.6
H246048		7.4	234	<0.002	0.73	0.39	19.6	2	5.8	80.1	1.83	<0.05	6.8	0.723	2.27	1.3
H246049		12	94.1	<0.002	0.81	0.32	19.1	2	2.1	98.5	1.66	<0.05	7.4	0.665	0.75	1.6
H246050		3.9	232	<0.002	3.06	0.62	19	2	11.5	76.2	1.93	<0.05	7.8	0.691	1.56	2.4
H246051		4.7	159	<0.002	5.7	0.88	9.7	2	7.3	21.7	2.47	0.09	10.1	0.394	0.78	2.3
H246052		4.7	60.1	<0.002	9.97	11.85	2.2	3	1.5	84	0.66	0.11	2.2	0.127	0.34	0.6
H246053		3.4	90.7	<0.002	6.82	2.9	2.9	2	1.7	39.8	1.07	<0.05	4.1	0.187	0.7	0.9
H246054		2.2	4.1	<0.002	0.08	0.33	0.6	1	0.2	6.2	<0.05	<0.05	2	0.025	0.04	0.4
H246055		2.3	92.5	<0.002	5.03	2.89	1.3	2	1	69	0.53	<0.05	1.7	0.098	0.81	1
H246056		1.1	1.1	<0.002	<0.01	0.23	0.4	1	<0.2	103.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.1
H246057		2.3	28.1	<0.002	>10.0	3.39	0.5	3	0.3	68.2	<0.05	0.15	<0.2	0.014	0.18	0.3
H246058		2.2	52.3	<0.002	7.94	1.82	0.8	2	0.5	67.2	0.16	0.07	0.9	0.027	0.29	0.6
H246059		2	42.2	<0.002	>10.0	2.01	1	4	0.8	46.7	0.24	0.05	1	0.058	0.32	1.2
H246060		2.2	6.4	<0.002	>10.0	1.95	0.4	4	0.2	62.4	<0.05	<0.05	<0.2	0.009	0.15	0.2
H246061		2	3.7	<0.002	6.54	0.81	0.4	4	<0.2	44.7	<0.05	<0.05	<0.2	0.011	0.06	0.1
H246062		1.6	13.2	<0.002	10	0.95	0.4	2	<0.2	43.6	<0.05	<0.05	0.2	0.009	0.12	0.1
H246063		1.8	35.4	<0.002	9.87	0.69	0.6	3	0.4	60.8	<0.05	0.06	0.4	0.013	0.2	0.4
H246064		3.6	6.7	<0.002	>10.0	0.87	1.2	3	0.9	100.5	<0.05	0.06	0.2	<0.005	0.11	0.2
H246065		5.7	65.2	<0.002	>10.0	1.01	1.1	4	2.2	101.5	0.29	0.1	0.9	0.049	0.32	0.9
H246066		6.1	105.5	<0.002	2.26	42.7	6.6	16	2.5	67.9	0.43	0.13	1.5	0.296	4.32	0.7
H246067		3.4	17.2	<0.002	>10.0	0.87	0.7	5	1.2	83	<0.05	0.06	<0.2	0.008	0.12	0.1
H246068		4.1	30	<0.002	9.1	1.29	0.9	6	0.8	51.2	0.14	0.07	2.4	0.026	0.18	0.9
H246069		2.4	1.4	<0.002	0.09	0.17	0.6	2	<0.2	111	<0.05	<0.05	0.3	0.007	<0.02	0.1
H246070		2.5	8.8	<0.002	7.49	0.63	1	6	0.3	70.5	<0.05	<0.05	<0.2	0.006	0.09	0.1
H246071		4.2	155.5	<0.002	9.88	1.13	1.2	9	1.2	53.2	0.47	0.12	2.7	0.073	0.73	1.5
H246072		3.4	224	<0.002	8.1	1.51	1.4	7	0.8	65.8	0.29	0.16	2.2	0.063	1.27	1.2
H246073		4.5	88.9	0.005	>10.0	2.2	1.8	7	1	69.2	0.21	0.21	0.8	0.032	0.56	0.9
H246074		5.6	111	<0.002	2.33	44.1	6.9	16	2.6	70	0.46	0.12	1.7	0.302	4.52	0.8
H246075		4.9	63.2	<0.002	>10.0	2.8	1.4	12	0.9	67.4	0.4	0.12	1.4	0.056	0.59	1.2
H246076		2.7	68.1	<0.002	4.49	0.74	2.6	3	1.2	68.6	0.33	0.09	0.8	0.117	0.64	0.4
H246077		2.9	22.5	<0.002	7.94	0.81	0.6	5	0.3	68.9	0.07	0.07	0.3	0.016	0.16	0.2
H246078		1.5	6.3	<0.002	0.22	0.3	0.6	1	0.2	12.7	<0.05	<0.05	1.8	0.019	0.04	0.4

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
H246039		23	1.2	4.6	16	13.2
H246040		21	1.8	7.5	80	22.7
H246041		24	92.7	12.4	814	35.1
H246042		87	12.4	14.6	30	42.4
H246043		84	4.5	19.7	26	29.1
H246044		98	1.5	19.9	34	33.7
H246045		162	1	21.3	63	91.4
H246046		107	17.3	17.8	84	112
H246047		159	0.7	19.8	54	92.7
H246048		148	1	20.1	74	86
H246049		163	0.7	21.7	67	101.5
H246050		169	3.2	28.8	41	99.7
H246051		84	11.5	14.7	27	110
H246052		26	59.9	10.6	14	20.3
H246053		61	12.3	10.1	9	31.8
H246054		4	0.4	2.6	<2	8.2
H246055		16	4.3	5.8	9	28.9
H246056		2	0.1	1.9	4	1.4
H246057		6	12.8	4.6	7	7.5
H246058		8	4.1	4.7	8	14.1
H246059		16	9.7	4.2	5	22.1
H246060		5	80.5	4.5	6	4.2
H246061		4	5.3	3.2	3	2.9
H246062		4	20.4	3.2	2	3.1
H246063		6	15	4.9	5	6.9
H246064		9	298	8.2	12	0.7
H246065		14	27	10.2	18	19.5
H246066		56	9.2	10.8	46	72.8
H246067		8	12.5	7.6	15	2.5
H246068		9	1.3	4	6	12.2
H246069		2	0.5	2.4	6	2.3
H246070		8	0.8	4.6	9	2.1
H246071		19	1.8	4.5	22	27.7
H246072		23	27.6	6.2	13	26.6
H246073		17	680	9	14	18.8
H246074		57	10.3	11.2	43	75.7
H246075		16	10.1	6.2	18	27.1
H246076		26	10.8	4.6	10	21.5
H246077		8	2.3	4.5	9	6
H246078		3	0.5	1.7	<2	6

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Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
H246079		4.78	0.01	0.06	0.89	192	300	0.35	24.4	15.1	0.04	6.35	1.2	7	4.36	2.6
H246080		2.96	0.02	0.1	1.41	161	180	0.41	13.05	15.05	0.05	8.03	1.9	10	4.15	3.2
H246081		2.60	0.01	0.05	1.52	103	460	0.38	3.6	15.1	0.03	7.85	1.5	6	4.33	2
H246082		4.36	0.05	0.2	1.78	214	160	0.67	1055	12.95	0.09	7.83	2.1	10	3.62	15.9
H246083		1.12	<0.01	0.01	0.08	6	10	0.05	2.11	17.8	0.13	1.31	0.9	5	0.1	4.2
H246084		4.82	0.02	0.07	1.01	35	360	0.43	69.5	16.6	0.03	8.84	1.6	7	1.79	4.4
H246085		5.52	0.02	0.12	0.68	25	350	0.49	4.68	16.65	0.05	8.57	1.5	7	1.2	4.4
H246086		7.66	0.02	0.07	0.51	64	250	0.3	7.99	16.7	0.04	8.79	1.4	6	0.65	3
H246087		4.32	0.02	0.05	0.25	40	110	0.17	3.56	16.6	0.05	8.04	0.9	4	0.87	2.2

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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

Project: RAU

Finalized Date: 9-SEP-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08108755

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
H246079		4.91	3.81	0.08	0.3	0.021	0.45	3.6	11.1	9.6	842	0.15	0.02	4.7	3.9	110
H246080		4.49	5.38	0.08	0.5	0.019	0.7	4.5	16.2	9.41	755	0.27	0.02	6.8	7.1	160
H246081		3.08	5.32	0.06	0.4	0.018	0.78	4.7	17.2	9.42	677	0.18	0.02	7	5.4	120
H246082		7.59	8.08	0.19	0.6	0.009	0.86	4.4	15.5	8.07	714	0.44	0.04	10.2	15.2	120
H246083		0.21	0.36	0.13	<0.1	<0.005	0.02	0.8	1.4	11.3	129	0.31	0.01	0.3	1.7	250
H246084		1.96	4.38	0.06	0.5	0.013	0.46	5.3	11.8	10.55	896	0.32	0.02	7.1	5.9	120
H246085		1.83	3.43	0.06	0.4	0.026	0.26	4.8	10.3	10.8	1075	0.09	0.02	5.2	4	190
H246086		2.83	2.91	0.07	0.3	0.018	0.17	4.9	5.6	10.65	1080	0.14	0.03	4.6	4.3	120
H246087		1.78	1.66	<0.05	0.2	0.015	0.08	4.8	3.2	10.9	859	0.06	0.02	2.2	1.8	100

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Project: RAU

Finalized Date: 9-SEP-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08108755

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
H246079		3.1	32.5	<0.002	6.04	1.62	0.8	4	0.7	55.2	0.25	0.11	1.1	0.044	0.31	0.5
H246080		3.1	42.7	<0.002	5.51	1.38	1.2	3	0.9	54.7	0.34	0.12	1.7	0.068	0.36	0.8
H246081		1.5	42.2	<0.002	3.59	0.76	1.2	3	0.9	53.5	0.35	0.05	1.5	0.07	0.33	0.6
H246082		13.7	39.8	<0.002	9.95	63.8	1.8	9	4	63.4	0.45	0.88	1.3	0.091	0.24	0.7
H246083		2.8	0.9	<0.002	0.09	0.39	0.4	3	<0.2	93.3	<0.05	<0.05	<0.2	0.006	<0.02	0.2
H246084		2.7	19.1	<0.002	2.01	5.42	1.1	4	0.9	66.9	0.34	0.08	1.3	0.055	0.16	0.6
H246085		3.3	13.1	<0.002	1.55	2.34	1.2	4	0.8	81.6	0.22	<0.05	1	0.05	0.11	0.5
H246086		3.2	8.7	<0.002	2.95	1.56	1	4	0.8	76.6	0.2	0.05	0.7	0.044	0.07	0.5
H246087		3.1	8	<0.002	1.76	0.97	0.7	3	0.6	60.9	0.06	<0.05	0.4	0.024	0.06	0.3

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: RAU

Finalized Date: 9-SEP-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08108755

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
H246079		13	1.1	4.3	7	14
H246080		18	2.6	4.8	9	20.1
H246081		16	2.2	4.4	7	17.2
H246082		22	2.3	4.4	17	25.3
H246083		1	0.2	1.7	12	1.4
H246084		16	6	4.8	11	19.9
H246085		11	2.9	4.3	13	18
H246086		11	3.5	4.8	9	17.3
H246087		9	0.9	4	9	9.2

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Project: RAU

)e: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 9-SEP-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08108755

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

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VANCOUVER BC V6B 1L8

Finalized Date: 12-AUG-2008
Account: RCM

CERTIFICATE TR08103820

Project: RAU

P.O. No.:

This report is for 42 Drill Core samples submitted to our lab in Terrace, BC, Canada on 24-JUL-2008.

The following have access to data associated with this certificate:

AL ARCHER BILL WENGZYNOWSKI	DOUG EATON	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	
ME-MS61	48 element four acid ICP-MS	
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-ICP61	33 element four acid ICP-AES	ICP-AES

To: ATAC RESOURCES LTD.
ATTN: AL ARCHER
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.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Project: RAU

Finalized Date: 12-AUG-2008
Account: RCM

CERTIFICATE OF ANALYSIS TR08103820

Sample Description	Method	WEI-21	Au-AA26	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
G004845		6.87	0.42	<0.5	1.30	2160	400	<0.5	92	17.00	<0.5	3	19	7	4.84	<10
G004846		6.76	0.93	0.7	0.59	496	190	<0.5	1590	11.20	<0.5	1	13	7	10.35	<10
G004847		6.49	0.47	0.5	2.98	2240	240	0.8	5670	13.40	<0.5	7	77	19	4.42	10
G004848		6.01	0.03	<0.5	0.62	161	80	<0.5	19	17.55	<0.5	2	11	2	3.15	<10
G004849		6.32	0.99	<0.5	0.16	1780	40	<0.5	276	11.75	<0.5	<1	2	2	11.10	<10
G004850		7.88	4.63	0.5	0.07	>10000	20	<0.5	517	7.52	<0.5	<1	<1	3	23.6	<10
G004851		6.75	2.73	0.6	0.17	>10000	20	<0.5	253	9.91	<0.5	<1	<1	2	17.00	<10
G004852		7.66	1.79	<0.5	0.05	>10000	10	<0.5	342	8.84	<0.5	<1	1	2	18.50	<10
G004853		5.38	2.76	0.7	0.15	>10000	30	<0.5	215	9.92	<0.5	<1	<1	2	19.05	<10
G004854		4.96	1.15	<0.5	0.05	>10000	10	<0.5	721	7.06	<0.5	<1	<1	1	24.6	<10
G004855		5.21	1.61	0.8	0.02	>10000	<10	<0.5	363	4.49	<0.5	<1	<1	2	30.5	<10
G004856		7.02	1.76	<0.5	0.05	>10000	10	<0.5	272	7.40	<0.5	<1	2	1	19.75	<10
G004857		0.92	<0.01	<0.5	0.14	126	30	<0.5	<2	18.45	<0.5	2	2	<1	0.50	<10
G004858		6.56	1.14	<0.5	0.11	4500	10	<0.5	155	13.10	<0.5	<1	1	2	12.25	<10
G004859		6.50	0.67	<0.5	0.08	9170	10	<0.5	73	14.35	<0.5	<1	<1	1	10.80	<10
G004860		6.54	0.39	<0.5	0.19	1910	20	<0.5	72	14.95	<0.5	1	1	1	10.05	<10
G004861		6.25	0.42	<0.5	0.13	2170	20	<0.5	125	14.80	<0.5	<1	1	1	9.36	<10
G004862		0.13	NSS	9.0	3.56	479	730	0.7	2	0.20	<0.5	8	32	40	3.12	<10
G004863		7.16	0.34	0.6	0.12	4820	30	<0.5	275	12.70	<0.5	<1	<1	2	13.25	<10
G004864		4.53	0.77	0.6	0.04	>10000	10	<0.5	251	12.60	<0.5	<1	<1	2	14.35	<10
G004865		4.30	0.62	<0.5	0.10	>10000	50	<0.5	300	13.95	<0.5	<1	<1	1	14.35	<10
G004866		4.78	1.04	<0.5	0.04	>10000	10	<0.5	394	11.10	<0.5	<1	1	5	16.60	<10
G004867		4.52	8.51	<0.5	0.04	>10000	10	<0.5	365	9.73	<0.5	<1	1	2	19.05	<10
G004868		4.54	2.76	<0.5	0.07	>10000	10	<0.5	503	9.02	<0.5	<1	1	2	19.70	<10
G004869		4.61	1.68	<0.5	0.11	9220	10	<0.5	357	12.55	<0.5	<1	1	1	14.10	<10
G004870		4.55	0.43	<0.5	2.34	4690	70	0.7	114	8.48	<0.5	10	20	5	12.65	10
G004871		6.25	0.27	<0.5	6.30	724	80	1.9	3	6.62	5.7	22	48	24	8.06	20
G004872		6.14	0.04	<0.5	5.74	59	150	1.3	<2	11.85	<0.5	20	36	23	6.03	20
G004873		6.47	0.04	<0.5	6.45	258	160	1.8	68	7.87	0.7	27	43	11	5.88	20
G004874		6.05	0.11	<0.5	0.68	485	60	<0.5	115	14.45	<0.5	4	5	1	7.48	<10
G004875		6.42	0.15	<0.5	2.65	780	90	0.8	72	10.15	2.4	21	20	14	10.00	10
G004876		6.35	0.12	<0.5	0.07	509	10	<0.5	49	14.60	<0.5	2	1	2	7.59	<10
G004877		5.96	0.03	<0.5	0.43	278	10	<0.5	228	15.10	<0.5	21	3	1	7.17	<10
G004878		5.97	0.09	<0.5	0.82	221	30	<0.5	147	14.25	<0.5	20	8	2	7.90	10
G004879		0.13	15.20	9.8	3.72	486	400	0.7	3	0.23	<0.5	8	33	43	3.27	10
G004880		4.57	0.03	<0.5	0.07	161	20	<0.5	33	14.55	2.0	2	4	6	6.10	<10
G004881		9.44	0.09	4.6	0.45	527	10	<0.5	382	9.02	8.5	38	6	9	19.60	<10
G004882		6.60	0.03	<0.5	4.73	150	100	1.3	259	7.53	0.6	29	34	31	12.15	10
G004883		1.55	<0.01	<0.5	0.09	7	10	<0.5	<2	17.90	<0.5	1	1	1	0.53	<10
G004884		5.81	0.01	<0.5	7.24	18	1010	1.8	<2	6.58	<0.5	35	50	36	7.41	20

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Project: RAU

Finalized Date: 12-AUG-2008
Account: RCM

CERTIFICATE OF ANALYSIS TR08103820

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti
	Units	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
G004845		0.81	10	9.51	1285	<1	0.03	8	260	5	4.57	9	2	75	<20	0.09
G004846		0.30	10	6.33	1325	<1	0.02	4	120	9	>10.0	30	2	62	<20	0.04
G004847		2.10	20	8.02	1020	<1	0.06	35	710	33	4.57	96	6	62	<20	0.25
G004848		0.39	10	10.45	967	<1	0.02	8	200	2	2.97	5	1	79	<20	0.06
G004849		0.10	<10	7.15	898	<1	0.01	<1	70	4	>10.0	7	1	55	<20	0.01
G004850		0.04	10	4.05	987	<1	<0.01	<1	50	6	>10.0	23	1	46	<20	0.01
G004851		0.11	10	5.49	1320	<1	<0.01	<1	110	3	>10.0	18	1	62	<20	0.01
G004852		0.02	50	4.85	1005	<1	<0.01	<1	80	5	>10.0	19	1	54	<20	<0.01
G004853		0.09	20	5.29	1450	<1	<0.01	<1	70	2	>10.0	25	1	64	<20	0.01
G004854		0.02	40	3.55	642	<1	<0.01	<1	70	4	>10.0	29	1	39	<20	0.01
G004855		0.01	10	2.42	279	<1	<0.01	<1	50	4	>10.0	36	1	21	<20	<0.01
G004856		0.03	20	3.99	821	<1	<0.01	<1	80	2	>10.0	13	1	46	<20	<0.01
G004857		0.07	<10	11.75	201	<1	<0.01	1	160	<2	0.09	<5	<1	46	<20	<0.01
G004858		0.07	10	7.52	1690	<1	0.01	<1	90	5	>10.0	13	1	87	<20	0.01
G004859		0.04	50	8.05	2370	<1	<0.01	<1	110	3	>10.0	9	1	106	<20	0.01
G004860		0.12	20	8.41	2040	<1	0.01	<1	130	3	>10.0	6	1	96	<20	0.01
G004861		0.07	10	8.55	1790	<1	0.01	1	110	<2	9.67	10	1	82	<20	0.01
G004862		3.03	10	0.19	139	4	0.08	14	510	4	2.14	46	6	68	<20	0.29
G004863		0.07	60	7.04	1800	<1	0.01	<1	140	3	>10.0	7	1	94	<20	0.01
G004864		0.01	50	6.99	2270	<1	<0.01	<1	70	3	>10.0	21	1	95	<20	<0.01
G004865		0.04	30	7.51	2170	<1	0.01	<1	70	2	>10.0	14	1	97	<20	0.01
G004866		0.02	60	6.30	1865	<1	0.01	<1	70	<2	>10.0	6	<1	85	<20	<0.01
G004867		0.02	30	5.50	1605	<1	0.01	<1	40	<2	>10.0	10	<1	71	<20	<0.01
G004868		0.02	60	5.04	1585	<1	0.01	<1	90	<2	>10.0	10	<1	67	<20	<0.01
G004869		0.05	40	7.21	2270	<1	0.01	<1	160	<2	>10.0	7	<1	96	<20	0.01
G004870		1.03	40	4.43	1315	<1	0.04	47	540	<2	>10.0	<5	4	58	<20	0.24
G004871		3.15	40	1.12	548	<1	0.07	92	1190	97	7.92	<5	12	53	<20	0.99
G004872		2.81	30	1.12	484	<1	0.06	84	1630	5	5.40	<5	11	96	<20	0.98
G004873		3.69	40	3.27	975	<1	0.13	84	1310	32	5.32	<5	12	65	<20	1.16
G004874		0.27	20	7.95	2300	<1	0.04	13	650	32	7.36	<5	2	110	<20	0.09
G004875		1.42	20	5.17	1205	<1	0.05	57	1650	154	>10.0	<5	5	64	<20	0.29
G004876		0.03	10	8.49	1840	<1	0.01	6	140	2	7.78	<5	1	94	<20	0.01
G004877		0.15	10	8.35	4010	<1	0.03	40	640	14	6.70	<5	2	120	<20	0.05
G004878		0.37	10	8.21	4120	<1	0.04	37	600	39	7.24	<5	2	123	<20	0.07
G004879		3.05	10	0.20	150	3	0.09	15	520	4	2.20	41	6	68	<20	0.29
G004880		0.02	10	8.52	2920	<1	0.02	9	170	88	5.20	<5	1	82	<20	0.01
G004881		0.04	10	5.29	1760	<1	0.05	63	1070	508	>10.0	<5	2	54	<20	0.06
G004882		2.48	30	1.84	702	<1	0.06	82	1530	44	>10.0	<5	10	65	<20	0.50
G004883		0.04	10	11.45	196	<1	0.01	3	190	2	0.08	<5	<1	44	<20	0.01
G004884		4.58	50	1.91	930	<1	0.09	130	980	<2	0.44	<5	14	67	<20	1.52

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

Project: RAU

Finalized Date: 12-AUG-2008
Account: RCM

CERTIFICATE OF ANALYSIS TR08103820

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Tl	U	V	W	Zn	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	10	1	10	2	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1
G004845		<10	<10	21	20	14	0.26	1.2	2070	250	0.35	85.8	15.75	0.03	11.5	3
G004846		<10	<10	16	10	8	0.24	0.54	439	150	0.31	1470	10.25	0.05	14.35	1.8
G004847		<10	<10	68	10	12	0.45	2.98	2340	180	2.46	5860	13.65	0.24	43.5	8.4
G004848		<10	10	14	10	8	0.07	0.59	162	90	0.27	15.8	16.95	0.03	11.95	2.1
G004849		<10	<10	8	90	7	0.12	0.15	1810	50	0.06	268	12.1	0.03	8.37	0.6
G004850		<10	<10	4	20	3	0.34	0.07	>10000	20	0.1	516	7.46	0.03	28.8	0.5
G004851		<10	<10	6	100	8	0.13	0.17	>10000	30	0.06	273	9.86	0.03	20.3	0.7
G004852		<10	<10	3	630	6	0.14	0.05	>10000	10	0.17	360	8.83	0.05	79.4	0.5
G004853		<10	<10	4	400	8	0.15	0.15	>10000	40	<0.05	219	9.52	0.03	46.2	0.6
G004854		<10	<10	3	360	9	0.22	0.05	>10000	10	<0.05	656	7.02	0.06	73.4	0.6
G004855		<10	<10	2	240	<2	0.14	0.02	>10000	10	0.31	378	4.5	0.03	18.45	0.4
G004856		<10	<10	4	30	4	0.14	0.05	>10000	10	<0.05	289	7.48	0.02	38	0.5
G004857		<10	<10	3	10	15	<0.01	0.14	146	40	0.09	1.9	18	0.05	1.32	1.4
G004858		<10	<10	6	60	11	0.1	0.11	4570	10	0.05	193.5	13.1	0.06	22	0.9
G004859		<10	<10	5	120	14	0.08	0.08	9060	10	<0.05	72.9	14.5	0.06	98.6	0.8
G004860		<10	<10	6	130	11	0.09	0.18	1830	20	0.08	74.2	14.6	0.04	45.9	0.8
G004861		<10	<10	6	110	12	0.08	0.12	2160	20	<0.05	120	14.85	0.04	19.3	0.9
G004862		<10	<10	54	10	42	8.22	3.58	484	530	0.84	0.39	0.2	0.08	18.45	8.2
G004863		<10	<10	6	170	12	0.31	0.12	4970	30	<0.05	301	12.55	0.04	108.5	0.9
G004864		<10	<10	4	100	19	0.09	0.04	>10000	10	<0.05	252	12.45	0.14	87.2	0.6
G004865		<10	<10	6	60	15	0.11	0.09	>10000	50	<0.05	290	13.15	0.06	48.7	0.7
G004866		<10	<10	4	170	17	0.1	0.03	>10000	10	<0.05	418	11.25	0.06	104	0.5
G004867		<10	<10	4	130	15	0.15	0.03	>10000	10	<0.05	395	10.15	0.05	53.4	0.7
G004868		10	<10	4	20	23	0.3	0.06	>10000	10	<0.05	495	9.49	0.08	106.5	0.6
G004869		<10	<10	7	40	12	0.1	0.12	7270	10	0.05	342	12.55	0.07	64.7	2.1
G004870		<10	<10	41	40	10	0.12	2.33	4070	110	0.77	95.5	9.5	0.03	72.6	15.6
G004871		<10	<10	143	10	1240	0.46	6.02	703	130	2.01	6.18	7.1	6.16	90.6	26.3
G004872		<10	<10	159	<10	62	0.14	5.78	56	200	1.25	1.85	12.35	0.2	69	24.9
G004873		<10	<10	158	60	238	0.36	6.63	292	160	2.17	63.4	8.66	1	86.8	30.1
G004874		<10	<10	24	100	181	0.1	0.75	459	70	0.25	98.6	15.3	0.54	19.3	5.4
G004875		<10	<10	78	30	766	0.98	2.66	709	90	0.83	62.6	10.9	2.61	31	27.5
G004876		<10	10	8	110	19	0.09	0.07	473	10	0.08	42.8	16.3	0.07	11.45	4.7
G004877		<10	<10	18	370	52	0.17	0.45	266	10	0.22	221	15.95	0.21	9.42	26.4
G004878		<10	10	27	280	199	0.25	0.86	191	30	0.4	135.5	14.6	0.69	11.8	22.4
G004879		10	<10	55	10	45	8.4	3.73	437	690	0.77	2.4	0.31	0.09	18.8	9.1
G004880		<10	<10	5	140	590	0.49	0.08	141	20	0.06	29.5	14.85	2.31	6.91	3.9
G004881		10	<10	20	280	2350	5.26	0.47	484	20	0.13	369	9.24	8.94	8.32	45
G004882		10	<10	154	10	205	0.28	4.83	144.5	210	1.42	273	8.57	0.97	64.4	35.3
G004883		<10	<10	2	<10	20	0.01	0.09	<5	20	0.07	3.24	18.7	0.08	1.64	1.6
G004884		<10	<10	175	10	100	0.21	7.25	15.8	1060	1.92	0.97	7.4	0.28	116	39

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Finalized Date: 12-AUG-2008
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CERTIFICATE OF ANALYSIS TR08103820

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	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01
G004845		17	7.57	8.1	4.61	5.65	0.39	0.5	0.024	0.76	6.6	10.6	8.91	1210	0.58	0.03
G004846		11	1	15	9.34	3.51	0.38	0.3	0.024	0.27	8.1	5.7	5.78	1210	1.25	0.02
G004847		82	20.6	21	4.51	15.95	2.19	0.9	<0.005	2.1	22.5	23.8	8.33	1050	7.86	0.06
G004848		12	5.25	4	3.14	3.41	0.06	0.4	0.011	0.38	7.2	5.4	10.15	944	0.25	0.02
G004849		6	1.24	3.1	11.3	0.98	0.35	0.1	0.014	0.1	4.9	2	7.29	910	0.26	0.01
G004850		<1	0.55	7.1	23.1	1.1	4.95	<0.1	0.043	0.04	18	1.2	4.06	998	0.64	<0.01
G004851		<1	1.62	2.8	17.3	1.47	6.1	0.1	0.079	0.11	12.3	1.5	5.72	1360	0.16	0.01
G004852		1	0.39	5.8	18.5	1.16	7.49	<0.1	0.065	0.02	52.4	1.2	4.84	1010	0.46	<0.01
G004853		<1	0.71	3.6	18.2	1.55	10.6	<0.1	0.092	0.09	29.2	1.5	5.14	1405	0.28	<0.01
G004854		<1	0.28	3.8	23.9	1.05	7.9	0.1	0.063	0.02	47.7	0.9	3.57	651	0.32	<0.01
G004855		2	0.12	5.2	27.4	0.67	10.8	<0.1	0.145	0.01	11.3	0.7	2.44	289	0.31	<0.01
G004856		3	0.51	3.2	20.1	0.71	4.44	0.1	0.049	0.03	25.1	0.7	4.03	840	0.24	<0.01
G004857		12	0.29	1.9	0.52	0.45	0.08	<0.1	<0.005	0.07	0.7	1.9	11.5	201	0.28	<0.01
G004858		8	1.16	3.1	12.2	1.06	0.86	0.1	0.034	0.07	12.7	1.5	7.48	1720	0.16	0.01
G004859		<1	0.59	2.2	10.85	1.13	1.55	0.1	0.055	0.04	62.3	1.7	8.17	2410	0.13	<0.01
G004860		9	1.63	2.8	9.73	1.64	0.46	0.1	0.034	0.11	28	2	8.12	1995	0.18	0.01
G004861		<1	0.86	2.3	9.3	1.12	0.49	0.1	0.033	0.06	11.1	1.8	8.55	1790	0.14	0.01
G004862		32	5.91	42.8	3.13	7.47	0.21	1.9	0.029	3.06	8.9	46.7	0.19	139	5.73	0.08
G004863		<1	0.71	2.5	13.35	1.41	1.11	0.1	0.039	0.07	68.5	1.3	7.24	1815	0.16	0.01
G004864		<1	0.24	2.9	14.3	0.76	4.3	<0.1	0.076	0.01	55.4	1.2	6.98	2280	0.15	<0.01
G004865		<1	0.51	2.7	13.7	0.94	4.19	0.1	0.076	0.04	30.5	1.5	7.34	2110	0.17	<0.01
G004866		<1	0.19	2.9	16.55	0.75	2.86	<0.1	0.052	0.01	66.2	1	6.21	1840	0.18	<0.01
G004867		1	0.28	3.2	19	0.6	5.94	<0.1	0.078	0.01	33.9	0.9	5.49	1635	0.2	<0.01
G004868		<1	0.28	3.4	19.45	0.94	3.85	0.1	0.057	0.01	67.6	1	4.99	1550	0.21	<0.01
G004869		2	0.68	7.6	13.75	1.23	0.29	0.1	0.064	0.05	40.8	2.1	7.01	2190	0.32	0.01
G004870		20	1.93	8.4	13.15	9.17	0.28	0.3	0.056	1.11	40.6	11.3	4.65	1345	0.43	0.04
G004871		48	4.9	26.8	8.24	22.1	0.24	0.7	0.079	3.18	41.2	30	1.17	556	0.51	0.07
G004872		38	6.23	25.7	6.18	17.5	0.16	2.7	0.069	2.87	32.5	17.8	1.16	486	0.68	0.06
G004873		46	10.75	14	6.1	26.9	0.12	1.4	0.071	3.79	43.7	18.4	3.38	985	0.31	0.14
G004874		5	2.8	3.5	7.56	4.28	0.13	0.5	0.049	0.3	10.2	5.3	8.08	2350	0.19	0.04
G004875		24	8.03	16.5	10.4	13.15	0.21	0.7	0.045	1.45	17	10.5	5.44	1235	0.73	0.04
G004876		1	0.32	4.4	7.54	0.63	0.15	0.1	0.085	0.03	5.1	3.2	8.63	1815	0.3	0.01
G004877		5	1.98	3.3	7.2	3.21	0.12	0.3	0.044	0.15	3.7	4.1	8.58	4060	0.18	0.04
G004878		8	4.19	5.1	7.68	6.02	0.14	0.6	0.034	0.37	5.1	4.4	7.9	3990	0.18	0.04
G004879		34	5.56	44.9	3.32	7.79	0.11	1.7	0.032	3.17	9.4	50.7	0.23	166	5.32	0.09
G004880		2	0.49	7.4	5.97	0.74	0.1	0.1	0.091	0.02	2.7	2.7	8.3	2880	0.22	0.02
G004881		4	0.3	10.2	20	3.47	0.35	0.4	0.093	0.04	3.6	1.9	5.31	1720	0.31	0.05
G004882		35	13.25	34.1	12.65	16.85	0.3	1.7	0.062	2.62	30.7	24.5	1.98	729	0.44	0.06
G004883		2	0.17	2.6	0.53	0.36	0.08	<0.1	<0.005	0.04	0.8	1.1	11.8	200	0.15	<0.01
G004884		53	38.9	42.7	7.8	28.3	0.24	1.2	0.16	3.64	55.9	54.6	2.01	958	0.26	0.07

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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	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2
G004845		6.9	11	240	3.5	47.1	<0.002	4.37	4.33	2	4	0.9	66.3	0.35	0.08	0.8
G004846		2	7.5	100	9	9.7	<0.002	>10.0	18.85	2.8	8	1.2	55.5	0.09	0.47	0.4
G004847		13.9	38.8	730	45.3	202	<0.002	4.65	88.7	17.6	20	8.3	63	0.72	0.94	3.2
G004848		3.4	10	190	2	66.6	<0.002	2.88	0.74	1.6	3	0.7	76.1	0.19	0.05	0.7
G004849		0.7	3.4	70	3	10	<0.002	>10.0	2.97	0.6	5	0.3	47.9	<0.05	0.2	<0.2
G004850		0.7	2.5	50	4.3	4.1	<0.002	>10.0	12.4	1.4	9	0.7	45.3	<0.05	1.46	<0.2
G004851		1	3.8	100	2.9	16.4	<0.002	>10.0	10.45	0.5	7	0.4	61.6	0.05	1.31	<0.2
G004852		0.5	4.1	70	3.6	3.1	0.005	>10.0	10.45	1.5	10	0.6	51.2	<0.05	1.21	0.2
G004853		0.7	3.3	70	2.8	7.8	<0.002	>10.0	14.8	1.2	5	0.8	56.7	<0.05	0.72	0.2
G004854		0.6	3.2	80	3.8	2.2	<0.002	>10.0	15.9	1.2	9	0.6	38.7	<0.05	1.45	<0.2
G004855		0.6	3.3	40	3.2	1	<0.002	>10.0	14.35	1	13	0.6	22.7	<0.05	1.39	<0.2
G004856		0.9	2.3	70	2.2	4.6	<0.002	>10.0	8.44	0.4	9	0.2	44.9	<0.05	1.2	<0.2
G004857		0.3	8.2	150	1.2	3.2	<0.002	0.12	<0.05	0.5	2	0.2	45.4	<0.05	<0.05	<0.2
G004858		0.7	6.4	90	2.6	10.9	<0.002	>10.0	3.12	0.6	6	0.3	86	<0.05	0.16	<0.2
G004859		0.5	1.8	120	2.3	5.4	<0.002	>10.0	3.04	0.5	4	0.2	103.5	<0.05	0.13	0.4
G004860		0.8	6.1	120	2.7	15.4	<0.002	9.86	2.41	0.5	5	0.4	91.7	<0.05	0.14	0.4
G004861		0.6	3.1	100	2.2	7.9	<0.002	9.68	2.43	0.6	5	0.3	79	<0.05	0.15	<0.2
G004862		6.6	14.9	510	4.8	92.7	<0.002	2.18	43.4	7.4	16	2.6	70.5	0.42	0.13	1.5
G004863		0.8	3.6	120	2.4	7.1	0.002	>10.0	4.55	0.4	5	0.3	87.6	<0.05	0.23	0.5
G004864		0.4	1.8	80	3.2	1.3	<0.002	>10.0	8.54	0.3	4	0.2	92.2	<0.05	0.51	0.7
G004865		1.4	1.5	60	3.2	3.8	<0.002	>10.0	7.65	0.2	4	0.2	90.6	0.07	0.72	0.4
G004866		0.4	1.8	70	3	1.3	<0.002	>10.0	8.03	0.2	5	0.2	80.9	<0.05	0.68	0.7
G004867		0.5	2.3	50	2.8	2.4	<0.002	>10.0	13.8	0.1	7	0.2	68.4	<0.05	1.47	0.4
G004868		0.9	1.6	90	3.3	2.1	<0.002	>10.0	16.65	0.1	7	0.3	64.7	<0.05	1.21	0.7
G004869		0.9	7.4	150	5.8	8.9	<0.002	>10.0	8.7	0.4	4	0.3	91.7	<0.05	0.36	0.7
G004870		11.2	53.9	570	3.1	51.2	0.002	>10.0	3.51	4.6	4	1.9	58.6	0.67	0.23	1.9
G004871		36.6	95.9	1190	99.5	117.5	<0.002	8.13	3.72	13.7	3	3	52.5	2.14	<0.05	3.9
G004872		29.8	87.6	1650	7.8	128	<0.002	5.5	1.05	12.1	3	2.6	93.2	1.84	<0.05	4.1
G004873		41.3	89.3	1350	37.7	209	<0.002	5.49	1.84	12.6	2	8	64.5	2.32	0.15	3.8
G004874		4.5	13	670	32.9	36.5	0.002	7.43	1.5	1.8	4	1.7	107	0.25	0.13	0.3
G004875		14.2	62.6	1720	155	156.5	<0.002	>10.0	2.5	5.2	6	4.2	64.7	0.82	0.2	1.7
G004876		0.6	8.1	140	4.9	3.7	0.002	7.76	0.89	0.6	5	0.2	93	<0.05	0.12	<0.2
G004877		2.6	37.3	650	16.9	28.4	0.007	6.75	2.03	2.2	3	1.2	120	0.15	0.26	0.2
G004878		4.3	39.7	590	49.6	51	0.005	7.08	1.77	2.7	3	1.8	119	0.26	0.21	0.4
G004879		6.5	17.8	530	5.8	107.5	0.002	2.32	39.7	7.4	16	2.5	74	0.43	0.16	1.5
G004880		0.9	9.2	180	88.8	2.2	0.003	5.15	1.26	1.3	2	0.6	85.9	<0.05	0.1	<0.2
G004881		3.1	67.1	1040	468	2.3	0.004	>10.0	4.46	1.9	4	1.5	52.7	0.15	0.83	<0.2
G004882		28.2	88.5	1610	50.1	158.5	<0.002	>10.0	5.81	11.3	3	6.4	65.9	1.64	0.5	3.9
G004883		0.5	3.8	170	2.4	2	<0.002	0.08	0.12	0.5	2	<0.2	44.2	<0.05	<0.05	<0.2
G004884		49.1	134	1020	2.5	290	<0.002	0.44	0.41	16.7	4	14.4	71.5	2.96	<0.05	5.5

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

Project: RAU

Finalized Date: 12-AUG-2008
Account: RCM

CERTIFICATE OF ANALYSIS TR08103820

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.1	1	0.1	0.1	2	0.5
G004845		0.085	0.49	0.5	19	9.6	7.6	14	21.5
G004846		0.028	0.11	0.9	14	5.5	5.1	9	10.1
G004847		0.26	1.28	0.9	69	7.2	10	13	27.5
G004848		0.059	0.36	2.9	14	3.5	6.9	8	14.1
G004849		0.008	0.09	0.2	7	81.9	4.2	8	2.6
G004850		0.005	0.05	0.5	5	9.6	3.8	6	2.4
G004851		0.011	0.13	0.5	8	114	5.7	11	4.8
G004852		<0.005	0.1	2.4	4	630	4.1	8	1.7
G004853		0.006	0.1	0.7	5	380	3.9	10	2.5
G004854		0.006	0.11	1.5	4	393	3.8	13	2.1
G004855		<0.005	0.04	1.9	3	249	1.9	5	0.9
G004856		0.005	0.04	0.9	4	24.5	4.2	6	3
G004857		<0.005	<0.02	0.7	2	0.7	0.8	14	<0.5
G004858		0.007	0.06	0.7	6	57.5	7.8	14	3.6
G004859		0.005	0.04	1	5	126.5	7.2	14	3.1
G004860		0.012	0.11	0.8	7	122	6.1	11	5.2
G004861		0.007	0.06	0.3	6	103	6	12	3.2
G004862		0.291	3.89	0.7	54	9.1	10.1	43	67.5
G004863		0.008	0.08	1.2	6	184	6.8	13	3.7
G004864		<0.005	0.03	0.7	5	105.5	6.1	22	1.2
G004865		<0.005	0.03	0.4	6	50.8	5.6	16	4.8
G004866		<0.005	0.03	0.6	5	180.5	5.2	12	1
G004867		<0.005	0.03	0.4	4	145	4.2	16	1.4
G004868		<0.005	0.02	0.8	5	19.4	4.6	21	3.1
G004869		0.011	0.07	0.5	8	37.8	5.9	16	3.8
G004870		0.348	0.54	0.5	47	42	7.2	12	10.7
G004871		1.215	1.03	0.8	147	6.9	13.4	1290	28.3
G004872		1.085	0.72	3.2	165	2.7	17.3	69	112
G004873		1.275	1.21	2	170	70.1	14.6	236	55.9
G004874		0.13	0.29	0.8	28	84.2	7.8	182	18.1
G004875		0.365	0.91	0.7	84	31	12.4	790	28.6
G004876		0.009	0.07	0.2	9	100.5	9	23	2.6
G004877		0.062	0.22	1.2	21	383	15.9	53	13.1
G004878		0.103	0.43	1.7	31	247	13.5	190	22.6
G004879		0.302	3.78	0.7	57	10.4	10.6	48	65
G004880		0.016	0.15	0.3	7	125	8.1	585	5.3
G004881		0.074	0.31	0.8	22	239	9	2340	15.5
G004882		0.889	1.17	3	170	6.6	18.4	208	77.8
G004883		0.011	0.02	0.4	3	0.5	0.9	22	1.3
G004884		1.615	2.86	0.9	184	4.7	18.9	99	47.7

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

Project: RAU

Finalized Date: 12-AUG-2008
Account: RCM

CERTIFICATE OF ANALYSIS TR08103820

Sample Description	Method	WEI-21	Au-AA26	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
G004885		6.70	0.01	<0.5	7.13	10	1040	1.7	<2	7.43	<0.5	35	47	29	8.31	20
G004886		2.58	0.01	<0.5	6.70	7	900	1.5	<2	12.45	<0.5	18	43	22	6.19	20

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Account: RCM

CERTIFICATE OF ANALYSIS TR08103820

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti
	Units	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
G004885		4.40	50	1.74	954	<1	0.09	134	900	<2	0.37	<5	14	85	<20	1.87
G004886		4.09	40	1.45	797	<1	0.32	83	2000	<2	0.03	<5	13	153	<20	1.64

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CERTIFICATE OF ANALYSIS TR08103820

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Tl	U	V	W	Zn	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	10	1	10	2	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1
G004885		<10	<10	157	<10	48	0.28	7.14	8.6	1070	1.81	0.45	8.13	<0.02	120.5	38
G004886		<10	<10	254	<10	41	0.2	6.45	14	910	1.65	0.41	12.8	0.07	85.6	23.6

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CERTIFICATE OF ANALYSIS TR08103820

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	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01
G004885		47	49.2	38.4	8.57	23.2	0.15	1.3	0.111	4.5	60.7	48.3	1.79	960	0.1	0.07
G004886		46	32.1	21.8	6.26	19.65	0.19	3.7	0.091	3.49	41.4	48.3	1.48	792	0.13	0.3

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CERTIFICATE OF ANALYSIS TR08103820

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	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	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2
G004885		64.2	135.5	920	2.1	239	<0.002	0.35	0.32	14.8	3	12	83.6	3.59	<0.05	5.1
G004886		50.1	93.1	2010	2.3	221	<0.002	0.04	0.26	15.1	4	5.7	154.5	3.03	<0.05	5.4

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Project: RAU

Finalized Date: 12-AUG-2008
Account: RCM

CERTIFICATE OF ANALYSIS TR08103820

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.1	1	0.1	0.1	2	0.5
G004885		1.94	2.5	2.5	167	1.4	17.3	49	53.4
G004886		1.69	1.89	10	260	1.2	21.5	44	161

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Project: RAU

Finalized Date: 12-AUG-2008
Account: RCM

CERTIFICATE OF ANALYSIS TR08103820

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non-sufficient sample.
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

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

Finalized Date: 26-AUG-2008
Account: RCM

CERTIFICATE VA08103552

Project: RAU

P.O. No.: RAU-08-07

This report is for 38 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 29-JUL-2008.

The following have access to data associated with this certificate:

AL ARCHER BILL WENGZYNOWSKI	DOUG EATON	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	
ME-MS61	48 element four acid ICP-MS	
Au-AA26	Ore Grade Au 50g FA AA finish	AAS

To: **ATAC RESOURCES LTD.**
ATTN: AL ARCHER
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.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Chemex

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Project: RAU

Finalized Date: 26-AUG-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08103552

Sample Description	Method	WEI-21	ME-MS61	ME-MS61	ME-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.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
H246001		5.84	0.15	7.49	12.6	2060	2.24	0.11	3.31	0.04	96.7	58.4	325	7.06	8.3	9.4
H246002		6.00	0.34	6.67	6.9	1600	2.03	0.21	6.39	0.1	84.6	61	245	9.03	53.9	6.52
H246003		6.94	0.29	6.04	13.8	1180	1.67	0.11	6.15	0.09	76.3	45.1	228	19.2	47.3	5.9
H246004		5.26	0.2	5.9	37.1	1050	1.75	1.2	6.7	0.04	79.6	41.3	213	40.2	32.3	5.03
H246005		6.84	0.2	5.99	210	1340	2.01	27.5	6.08	0.04	66.5	30.7	184	24.5	8.4	5.36
H246006		5.14	0.35	0.91	>10000	100	0.25	165	7.89	<0.02	7.44	3.3	13	3.94	9.8	20
H246007		5.42	0.31	1.88	>10000	110	0.33	194.5	6.76	<0.02	23.2	13.7	22	5.08	7.9	16.2
H246008		5.00	0.31	1.18	>10000	90	0.25	179.5	6.02	<0.02	19	2	9	2.37	8.8	21.5
H246009		5.94	0.39	0.45	>10000	100	<0.05	276	5.33	<0.02	9.29	1.2	5	1.41	9.7	24.6
H246010		1.04	<0.01	0.13	3010	10	0.06	7.34	17.5	0.12	2.29	1	3	0.12	4.4	0.86
H246011		6.30	0.2	0.92	851	40	0.32	116	10.9	0.04	7.3	3.6	17	8.2	6	13.4
H246012		6.52	0.15	0.18	2580	10	0.14	127	9.72	0.05	6.57	0.8	5	2.42	9.6	13.6
H246013		6.66	0.13	0.13	300	10	0.13	13.45	15.75	0.05	6.16	0.6	4	1.67	12.2	4.9
H246014		5.98	0.08	0.53	390	50	0.19	62	14.25	0.04	11.2	1.2	4	4.22	4.1	8.15
H246015		6.50	0.07	0.08	360	<10	0.05	74.3	14.3	0.09	23.9	0.5	2	0.78	4.7	8.25
H246016		0.18	7.09	3.56	481	680	0.94	0.09	0.18	0.09	19.6	8.2	32	5.63	44.8	3.13
H246017		6.28	0.1	0.06	581	10	0.06	441	13.45	0.04	114	0.8	<1	0.74	3.4	10
H246018		6.36	0.04	0.03	780	<10	<0.05	499	12.75	0.03	21.7	0.6	1	0.28	3.6	11.7
H246019		6.88	0.06	0.06	849	<10	0.08	131.5	12.15	0.04	12.05	0.7	1	0.62	4.3	12.45
H246020		6.70	0.06	0.06	830	10	<0.05	262	12.8	0.04	10.55	0.7	<1	0.7	3.2	12.3
H246021		6.54	0.07	0.06	1115	<10	<0.05	187	11.15	0.04	66.4	0.6	2	0.7	2.9	12.05
H246022		4.56	0.25	0.04	3530	<10	<0.05	907	6.08	0.08	56.9	0.5	3	0.38	4.4	22.7
H246023		5.46	0.15	0.04	1950	<10	0.07	362	8.98	0.04	61.1	0.8	1	0.52	5.4	18.55
H246024		4.90	0.39	0.04	1480	<10	<0.05	582	10.8	0.13	15.05	0.5	1	0.55	6.5	16.7
H246025		4.30	0.07	0.05	850	<10	<0.05	75.1	13.65	0.05	9.19	0.5	<1	0.53	2.7	10.3
H246026		4.20	0.08	0.04	647	<10	<0.05	113.5	13.85	0.07	10.05	0.6	<1	0.45	2.4	10.5
H246027		4.40	0.07	0.06	672	10	<0.05	55.7	14.6	0.06	7.22	0.6	<1	0.56	2.5	9.24
H246028		4.80	0.12	0.03	1510	<10	<0.05	361	7.35	0.04	359	2.2	3	0.25	4.9	21
H246029		0.18	9.2	3.49	450	710	0.9	0.69	0.19	0.08	18.9	7.4	30	5.48	43.4	3.1
H246030		4.34	0.1	0.11	1075	<10	0.05	307	11.2	0.04	194.5	1.7	2	0.43	3.9	10.65
H246031		4.82	0.09	0.04	>10000	<10	<0.05	301	11.4	0.03	13.1	0.4	<1	0.23	5.9	14.75
H246032		6.74	0.37	0.06	2370	<10	0.05	378	13	0.07	54.3	0.8	<1	0.38	3	11.8
H246033		6.24	1.3	0.2	1055	10	0.15	389	12.9	0.1	79.5	2.3	3	1.01	5.7	10.2
H246034		7.46	3.2	1.44	>10000	110	0.65	249	8.78	0.07	25.5	15.3	7	5.67	5.3	15.5
H246035		6.06	0.28	4.85	817	670	1.87	21.9	13.65	0.15	76.2	41.3	30	9.42	21.1	5.4
H246036		1.10	0.04	0.1	275	10	0.09	3.19	17.4	0.12	1.99	0.8	3	0.13	2.5	0.22
H246037		7.00	0.05	5.27	12	700	1.32	0.72	15.2	0.16	86.3	44	33	8.26	33.8	5.35
H246038		4.04	<0.01	5.1	26	640	1.06	0.54	15.65	0.14	68.8	46.2	32	8.14	30.9	5.59

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

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

Project: RAU

Finalized Date: 26-AUG-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08103552

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	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5
H246001		21.5	0.25	0.3	0.08	3.98	51.2	30.1	2.78	1000	0.22	0.19	21	309	2320	5.2
H246002		18	0.23	2.5	0.064	3.03	45	28.8	4.71	1795	0.32	0.12	44.2	262	1750	4.9
H246003		17.35	0.21	1.9	0.054	2.47	39.8	29.1	5.47	1220	0.15	0.08	40.5	198	1620	3.9
H246004		17.95	0.22	2.1	0.032	3.98	41.9	40.6	5.18	652	1.24	0.08	25.6	190.5	1610	2.1
H246005		22.6	0.22	2.6	0.033	4.08	36.1	31.6	3.12	361	1.08	0.1	37.1	149	1360	4.8
H246006		4.9	0.61	0.6	0.123	0.61	3.1	4.2	4.22	1325	0.19	0.02	7.1	11.1	590	6.8
H246007		7.62	0.51	0.9	0.217	1.1	12.4	13.4	3.46	1425	0.29	0.02	11.3	34.1	430	4.5
H246008		5.32	0.59	0.6	0.155	0.67	10.5	8.7	3.13	1280	0.16	0.02	8.9	9.8	320	4.5
H246009		3.35	0.42	0.3	0.18	0.26	4.7	2.5	2.59	848	0.22	0.01	3.2	5.8	160	4.5
H246010		0.49	0.07	<0.1	0.008	0.03	1.3	1.7	10.15	174	0.05	0.01	0.4	4	260	1.1
H246011		5.52	0.24	0.5	0.029	0.59	3.2	5.9	6.4	1005	0.21	0.04	6	17.6	260	4.5
H246012		1.41	0.22	0.1	0.05	0.15	3	2.8	5.57	1370	0.12	0.01	1	2.7	90	3.7
H246013		0.87	0.09	0.1	0.035	0.12	3.2	3.2	9.48	1020	<0.05	0.01	0.8	2.7	80	2.4
H246014		3.44	0.14	0.2	0.041	0.35	5.3	4.6	8.35	1770	0.11	0.02	3.1	4.9	170	3
H246015		0.87	0.14	0.1	0.043	0.04	13.9	2.2	8.78	2020	<0.05	0.01	0.5	1.5	90	3.7
H246016		7.59	0.17	1.8	0.032	3.01	9.5	45.4	0.17	134	5.25	0.08	7	16.3	490	5.8
H246017		1.03	0.21	0.1	0.037	0.05	75	2	8.22	1960	0.06	0.01	0.4	3	130	4.7
H246018		0.38	0.18	<0.1	0.032	0.01	12.4	1.5	7.74	1720	0.05	0.01	0.2	2.7	40	3.6
H246019		0.61	0.18	<0.1	0.032	0.04	6.3	1.6	7.67	1550	0.05	0.01	0.3	2	120	3.3
H246020		0.64	0.19	<0.1	0.04	0.04	5	2	7.62	1910	<0.05	0.01	0.4	2.5	130	3.2
H246021		0.8	0.2	<0.1	0.031	0.04	43.2	1.5	6.61	1370	0.05	0.01	0.3	2.9	100	2.8
H246022		0.76	0.32	<0.1	0.02	0.02	38.2	1.4	3.51	521	0.16	0.01	0.3	6.4	40	5.4
H246023		0.7	0.27	<0.1	0.025	0.03	42.9	1.4	5.26	1145	0.07	0.01	0.3	4.5	50	5.1
H246024		0.64	0.3	<0.1	0.047	0.03	8.3	1.5	6.35	1420	0.17	0.01	0.2	2.9	60	7.7
H246025		0.5	0.14	0.1	0.047	0.03	4.2	2.3	8.16	2070	<0.05	0.01	0.4	1.4	100	3.4
H246026		0.47	0.17	<0.1	0.04	0.02	4.9	2.2	8.08	1985	<0.05	0.01	0.2	2.4	70	4.1
H246027		0.6	0.15	0.1	0.047	0.04	3	2.4	8.8	2210	0.05	0.01	0.4	2.6	80	4.2
H246028		1.68	0.47	<0.1	0.021	0.01	242	1.4	4.16	804	0.35	0.01	0.2	13.5	170	4.6
H246029		7.59	0.15	1.9	0.031	2.96	9.2	50.1	0.18	134	5.26	0.08	6.4	15.5	490	4.9
H246030		1.74	0.28	0.1	0.039	0.02	125.5	2.4	6.53	1720	0.18	0.01	0.7	12.5	150	4.3
H246031		0.34	0.21	<0.1	0.085	0.01	6.8	1.5	6.61	1750	0.09	0.01	0.2	1.9	100	2.9
H246032		0.74	0.19	<0.1	0.059	0.02	35.9	2	7.66	2150	0.05	0.01	0.2	3.5	130	5
H246033		2.04	0.18	0.2	0.099	0.07	51.5	2.7	7.44	2610	0.08	0.01	0.9	9.4	240	7.5
H246034		6.97	0.28	0.4	0.169	0.82	12.3	6.8	4.91	1705	0.15	0.03	6.3	32.2	710	8.8
H246035		17.55	0.17	0.7	0.134	2.34	38.1	21	2.07	1740	0.15	0.08	26.7	89.4	2000	4.4
H246036		0.4	0.14	<0.1	<0.005	0.03	1.2	1.6	10.25	127	0.05	<0.01	0.3	3.2	320	1.3
H246037		17.65	0.2	0.4	0.059	2.33	43.4	17.5	1.42	792	0.12	0.16	43.7	91.3	2200	5.5
H246038		15.75	0.16	0.2	0.053	2.18	34.3	17.4	1.52	789	0.1	0.18	42.5	100	2190	4.9

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Project: RAU

Finalized Date: 26-AUG-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08103552

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	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1
H246001		123.5	<0.002	0.01	2.44	28.2	2	2	136	1.49	<0.05	7.5	0.768	0.43	0.6	114
H246002		97.5	<0.002	0.08	1.59	23.7	2	1.8	202	2.61	0.07	7.7	0.852	0.43	1.6	179
H246003		120	<0.002	0.13	0.94	21.8	2	2.4	128	2.31	0.06	6.9	0.761	1.05	1.4	176
H246004		383	<0.002	1.71	0.65	19.3	2	5	60.6	1.46	0.1	7.2	0.526	2.96	1.4	150
H246005		384	<0.002	5.58	2.2	17.2	3	5.7	44	2.29	0.17	9.9	0.567	2.14	2.3	137
H246006		75.2	<0.002	>10.0	17.2	3.1	10	1.5	52.9	0.43	0.33	1.1	0.091	0.36	0.9	22
H246007		78.2	<0.002	>10.0	22.7	4.7	8	2.4	58.9	0.61	0.2	2.1	0.173	0.38	1	36
H246008		35.7	<0.002	>10.0	23.9	2.3	8	1.8	49.5	0.46	0.31	1.7	0.076	0.21	0.7	20
H246009		22.1	<0.002	>10.0	26.9	1.7	9	1.1	38.9	0.27	0.65	0.8	0.03	0.15	9.1	12
H246010		1.5	<0.002	0.68	0.95	0.7	3	<0.2	99.9	<0.05	0.05	<0.2	0.009	<0.02	0.5	2
H246011		135	<0.002	>10.0	4.02	1.9	10	1.2	62.6	0.32	0.37	1.2	0.075	0.66	0.8	18
H246012		30.5	<0.002	>10.0	5.26	0.7	5	0.4	69.3	0.05	0.17	<0.2	0.013	0.21	0.2	8
H246013		24.4	<0.002	5.11	2.77	0.6	3	0.2	63.7	<0.05	0.06	<0.2	0.011	0.11	0.1	6
H246014		70.3	<0.002	8.29	1.67	1.3	4	0.7	92.1	0.17	0.15	0.4	0.03	0.32	0.4	11
H246015		9.5	<0.002	8.11	1.53	1.1	4	0.8	108	<0.05	0.11	<0.2	0.005	0.05	0.9	9
H246016		114	<0.002	2.08	42.9	7.5	18	2.5	73.2	0.42	0.17	1.5	0.282	4.35	0.7	55
H246017		8	0.006	>10.0	4.58	1	5	0.3	98.8	<0.05	0.46	0.5	0.005	0.15	1.7	7
H246018		2	<0.002	>10.0	5.15	0.7	7	0.2	95.7	<0.05	0.63	<0.2	<0.005	0.04	0.3	7
H246019		7.5	<0.002	>10.0	2.83	0.6	6	0.3	91.8	<0.05	0.33	<0.2	<0.005	0.05	0.9	7
H246020		8.5	<0.002	>10.0	3.38	0.5	5	0.2	99.7	<0.05	0.26	<0.2	0.005	0.06	0.2	7
H246021		7.8	<0.002	>10.0	2.82	0.4	5	0.4	80	<0.05	0.28	0.2	<0.005	0.05	0.8	5
H246022		4	<0.002	>10.0	7.97	1.2	24	0.7	36.6	<0.05	1.61	<0.2	<0.005	0.06	1.3	7
H246023		5.4	0.002	>10.0	5.06	0.4	14	0.4	64.1	<0.05	0.75	<0.2	<0.005	0.08	1	6
H246024		5.6	<0.002	>10.0	5.53	1.3	10	0.7	82.3	<0.05	0.91	<0.2	<0.005	0.08	0.5	5
H246025		5.3	<0.002	>10.0	1.59	0.4	5	0.2	104.5	<0.05	0.2	<0.2	<0.005	0.05	0.8	4
H246026		4.5	<0.002	>10.0	2.25	0.5	5	0.3	102	<0.05	0.22	<0.2	<0.005	0.03	0.2	5
H246027		5.7	<0.002	9.24	1.24	0.5	4	0.4	109.5	<0.05	0.14	<0.2	0.005	0.05	0.5	6
H246028		1.7	<0.002	>10.0	4.29	0.4	13	0.2	50.3	<0.05	0.56	0.8	<0.005	0.03	5.6	9
H246029		109.5	<0.002	2.08	42.1	7	17	2.4	71.4	0.44	0.2	1.4	0.277	4.08	0.7	54
H246030		3.7	0.004	>10.0	3.65	0.6	5	0.4	84	<0.05	0.46	0.5	0.008	0.1	2.5	12
H246031		1.3	<0.002	>10.0	8.81	0.4	6	0.2	75.2	<0.05	1.17	<0.2	0.005	0.03	0.2	7
H246032		3.4	<0.002	>10.0	5.01	0.5	5	0.6	95.2	<0.05	0.46	<0.2	<0.005	0.05	0.6	6
H246033		13.3	0.002	>10.0	6.96	0.9	4	1.2	90.8	0.06	0.48	0.2	0.018	0.13	1.4	13
H246034		59.6	<0.002	>10.0	16.05	3.2	6	2.7	66.2	0.41	1.06	0.9	0.197	0.5	0.5	42
H246035		157	<0.002	2.45	2.27	10.3	3	17.4	107	1.7	0.1	3.1	0.823	0.84	0.8	132
H246036		1.5	<0.002	0.1	0.44	0.7	3	<0.2	92.5	<0.05	0.1	<0.2	0.007	0.02	0.1	2
H246037		69.2	<0.002	0.07	0.3	12.2	3	1.9	124.5	2.76	0.1	3.8	1.355	0.29	0.4	139
H246038		61.7	<0.002	0.07	0.23	11.1	3	1.5	127.5	2.75	<0.05	2.9	1.335	0.28	0.2	132

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Project: RAU

Finalized Date: 26-AUG-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08103552

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Au-AA26
	Analyte	W	Y	Zn	Zr	Au
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	0.1	2	0.5	0.01
H246001		0.1	22.4	121	12.4	<0.01
H246002		0.2	23.8	121	106	0.01
H246003		0.5	20.9	92	97.8	<0.01
H246004		2.1	20.8	31	97.85	<0.01
H246005		6.3	16.8	20	103	0.03
H246006		115.5	6.2	10	26.2	2.97
H246007		68.4	6.5	11	39.5	4.69
H246008		97.6	4.9	7	25.7	6.71
H246009		387	4.7	7	12	4.39
H246010		17	2.4	5	1.8	0.14
H246011		19.2	6.5	11	22.4	2.25
H246012		262	5.4	10	4.7	5.67
H246013		0.9	4.5	8	3.2	0.06
H246014		42.7	8.2	12	10.8	0.10
H246015		25.9	9.7	19	2.4	0.08
H246016		9.3	11.1	48	70.7	9.74
H246017		980	10.2	14	2.4	0.15
H246018		230	9.1	13	0.7	0.27
H246019		51.6	7.5	13	2	0.80
H246020		89.8	8.8	10	2.3	0.35
H246021		50.3	6.7	9	1.9	0.08
H246022		490	4.9	9	1.2	0.61
H246023		520	5.4	10	1.9	0.24
H246024		354	5.4	12	1.3	0.19
H246025		274	6.3	12	2.3	0.35
H246026		92.4	6.8	13	1.6	0.15
H246027		180	8.3	12	2.5	0.16
H246028		79.5	5.5	8	1.4	0.19
H246029		9.6	10.6	42	62.2	12.95
H246030		710	8.7	11	4.8	0.39
H246031		85.7	6.5	9	1.6	2.79
H246032		108	7.5	15	2	0.26
H246033		360	10.2	26	6.7	0.19
H246034		48.5	7.9	20	15.2	3.06
H246035		16.7	15.8	56	26.6	0.29
H246036		1	2.1	5	1.5	0.02
H246037		0.8	17.3	85	16.4	<0.01
H246038		0.5	15.9	68	6.5	0.01

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Project: RAU

Finalized Date: 26-AUG-2008
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CERTIFICATE OF ANALYSIS VA08103552

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

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Finalized Date: 15-AUG-2008
Account: RCM

CERTIFICATE VA08103489

Project: RAU

P.O. No.: RAU0804, RAU0803

This report is for 63 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 18-JUL-2008.

The following have access to data associated with this certificate:

AL ARCHER BILL WENGZYNOWSKI	DOUG EATON	JOAN MARIACHER

SAMPLE PREPARATION

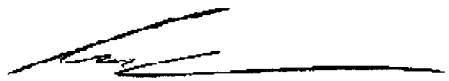
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	
ME-MS61	48 element four acid ICP-MS	
Au-AA26	Ore Grade Au 50g FA AA finish	AAS

To: **ATAC RESOURCES LTD.**
ATTN: AL ARCHER
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.

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Chemex
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Project: RAU

Finalized Date: 15-AUG-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08103489

Sample Description	Method	WEI-21	ME-MS61	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
	Analyte	Recvd Wt.	Ag	Au	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
G004736		7.10	0.49	0.43	1.14	59	270	0.47	61.6	23.6	0.11	13.95	3.3	17	1.7	418
G004737		5.94	0.05	0.02	0.97	24	300	0.4	2.81	23.4	0.05	24.6	15.8	25	2.8	6.7
G004738		5.70	0.15	0.02	0.69	120	140	0.22	2.48	31.3	0.6	21.7	36.5	23	2.3	13.1
G004739		6.02	0.17	<0.01	5.85	29	1830	1.13	0.09	13.75	0.41	44.9	33.4	185	7.71	68.7
G004740		6.90	0.06	<0.01	7.55	6.3	1980	1.44	0.13	6.55	0.05	61.4	41.7	274	28.7	51.7
G004741		6.98	0.07	0.02	8.83	50.6	240	1.97	1.68	2.86	0.1	139	35.1	178	19.3	51.3
G004742		6.24	0.14	0.04	7.17	44.4	990	1.47	4.37	4.3	0.02	62.5	48	231	23.3	53.8
G004743		5.72	0.13	0.01	6.02	34.2	990	1.33	0.89	8.69	0.02	66	50.5	199	45.3	39.1
G004744		5.98	0.03	0.01	6.34	3.7	1130	1.93	0.79	7.43	0.02	74.5	42.3	236	35.9	52.2
G004745		7.58	0.11	0.36	5.39	1575	760	1.38	160.5	4.93	0.02	76.4	11.3	67	10.95	10.2
G004746		2.36	0.08	0.92	1.8	>10000	120	0.4	153.5	10.4	0.08	32.7	4.1	28	11.15	5.8
G004747		6.94	0.13	1.10	2.66	>10000	190	0.47	308	8.52	0.06	31	3.4	22	5.46	4.9
G004748		6.16	0.13	0.07	3	850	300	0.65	9.94	14.05	0.03	29.7	3.1	21	37.2	2.7
G004749		6.48	0.11	0.88	1.22	1205	80	0.23	338	13.85	0.05	30	1.7	6	10.85	5.1
G004750		7.22	0.29	4.43	0.41	7060	40	0.39	1430	11.15	0.05	26.4	1	2	2.59	7
G004751		6.84	0.11	3.50	0.14	7570	10	<0.05	363	11.45	0.04	28.5	0.8	<1	1.77	4.1
G004752		4.50	0.19	0.85	0.14	>10000	20	<0.05	167.5	11.7	0.05	64.5	2.8	<1	0.94	2.8
G004753		0.78	0.01	0.01	0.05	48	10	<0.05	3.05	18.35	0.06	1.63	1.1	1	0.15	1.6
G004754		4.76	0.08	0.50	0.21	7000	20	<0.05	157.5	13.8	0.05	29.5	1.1	<1	2.54	2.7
G004755		0.18	7.36	13.30	3.51	391	400	0.68	1.64	0.21	0.08	17.15	7.6	28	5.55	43.9
G004756		6.14	0.1	0.75	0.11	6160	20	<0.05	103	14.5	0.06	30.9	0.7	<1	1.03	2.3
G004757		6.60	0.11	2.16	0.09	7220	10	<0.05	187.5	13.55	0.05	25.7	0.6	<1	0.8	2.9
G004758		5.86	0.07	0.84	0.16	5130	30	<0.05	185	13.8	0.05	40.8	0.8	<1	1.09	3
G004759		8.10	0.12	0.70	0.07	4110	10	<0.05	172.5	12.7	0.05	75.7	0.6	<1	0.79	4
G004760		6.28	0.09	0.24	0.14	3540	10	<0.05	251	13.15	0.05	202	0.8	<1	1.5	2.6
G004761		6.10	0.06	0.19	0.1	2030	10	<0.05	129.5	14.25	0.04	18.4	0.6	<1	1.03	2.3
G004762		6.14	0.05	0.71	0.1	2250	10	<0.05	87.5	15.05	0.05	8.08	0.9	1	0.81	2
G004763		6.76	0.05	1.02	0.08	7600	10	<0.05	434	14.95	0.1	6.25	0.6	<1	0.85	2
G004764		6.70	0.07	0.95	0.14	991	10	<0.05	129.5	14.75	0.04	5.69	0.7	<1	1.45	2.5
G004765		6.04	0.06	0.35	0.08	2040	10	<0.05	117.5	15.3	0.06	6.32	0.6	<1	0.78	1.7
G004766		6.48	0.06	0.18	0.08	1575	10	<0.05	334	14.05	0.08	7.24	0.7	<1	0.59	2.1
G004767		6.48	0.14	0.51	0.07	3540	10	<0.05	148.5	13.5	0.05	5.68	0.6	<1	0.41	1.9
G004768		6.38	0.11	0.46	0.09	2330	10	<0.05	292	14.1	0.06	7.71	0.7	<1	0.67	1.9
G004769		4.64	0.1	2.58	0.25	>10000	20	<0.05	174.5	11.8	0.06	8.34	1.1	1	1.81	2.6
G004770		5.54	0.12	8.25	0.03	>10000	10	<0.05	316	7.83	0.04	14.65	0.5	<1	0.21	5
G004771		0.92	0.01	0.03	0.06	134	20	0.05	3.1	18.35	0.07	1.18	1	1	0.12	1.3
G004772		4.92	0.17	6.66	0.08	>10000	10	<0.05	283	10.2	0.06	19.35	1.9	<1	0.76	4.2
G004773		5.32	0.17	8.25	0.01	>10000	<10	<0.05	329	8.96	0.08	18.3	1.7	<1	0.2	3.3
G004774		0.16	7.87	14.25	3.45	443	690	0.68	0.05	0.17	0.1	18.7	8.7	34	5.51	43.9
G004775		3.66	0.18	0.58	1.28	4740	230	0.45	70.6	13.35	0.12	35.1	12.6	8	3.76	22.7

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

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Project: RAU

Finalized Date: 15-AUG-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08103489

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
G004736		2.67	3.56	<0.05	0.6	0.251	0.57	7	6.4	3.43	2430	0.44	0.03	6.1	9.3	80
G004737		2.19	2.87	<0.05	0.6	0.017	0.56	11	5.4	4.1	1220	1.7	0.02	5.7	39	400
G004738		2.97	2.35	<0.05	0.5	0.059	0.39	9.2	3.4	1.17	2060	0.61	0.02	7	67.8	450
G004739		5.09	16.75	0.06	0.8	0.071	3.22	20.4	24.4	2.25	1640	0.57	0.33	20.6	138.5	1260
G004740		5.74	21.3	0.19	0.7	0.075	3.99	32.2	38.6	2.66	1155	0.93	0.2	21.7	165	1680
G004741		5.87	26.8	0.25	0.9	0.062	4.48	72.3	43.3	2.85	203	1.57	0.09	47	187	2600
G004742		8.47	20	0.23	1	0.06	4.47	32.8	34.2	2.98	328	1.49	0.05	25.4	163	1980
G004743		4.64	15.85	0.18	1	0.043	3.54	37.4	43.2	4.58	797	0.47	0.07	25.5	274	1740
G004744		4.22	18.85	0.13	2.9	0.051	3.77	39.1	42.2	3.42	655	0.38	0.07	35.2	217	1750
G004745		11	16.2	0.24	1.4	0.06	3.19	42.6	23.9	2.25	353	0.51	0.06	36.4	43.7	990
G004746		13.55	8.71	0.23	1.1	0.113	1.32	18.8	9.5	5.04	1405	0.18	0.01	15	14.3	820
G004747		13.4	9.83	0.21	1	0.058	1.64	18.5	13.9	4.46	1190	0.43	0.01	22.2	16.7	860
G004748		3.23	10.35	0.09	1.1	0.017	2.71	19.2	25.9	8.38	787	0.35	0.04	21.1	12.5	430
G004749		8.9	4.77	0.16	0.6	0.038	0.97	19.5	9.7	8.03	1700	0.2	0.02	8.3	6.4	250
G004750		16.1	2.52	0.29	0.3	0.044	0.25	15.7	3.2	5.96	1500	<0.05	0.01	2.9	2.7	180
G004751		16.85	1.07	0.25	0.1	0.044	0.11	20	1.6	6.25	1570	0.09	<0.01	0.6	1.5	80
G004752		14.4	1.04	0.24	0.1	0.049	0.09	43.2	1.7	6.67	1830	0.09	0.01	0.8	1.6	110
G004753		0.5	0.23	0.07	<0.1	<0.005	0.02	0.9	0.9	12.1	196	0.07	<0.01	0.2	0.7	150
G004754		12.45	1.57	0.21	0.1	0.046	0.17	19.3	2.2	7.55	1880	0.05	0.01	1.2	0.3	100
G004755		2.99	7.1	0.13	1.8	0.032	2.91	9.1	46.6	0.19	141	5.36	0.08	6.5	14.8	490
G004756		11	0.89	0.2	0.1	0.053	0.08	20.5	2.1	8.35	2580	0.08	0.01	0.8	0.6	100
G004757		11.95	0.71	0.2	0.1	0.052	0.06	17.3	1.9	8.12	1950	<0.05	0.01	0.7	0.4	90
G004758		12.3	1.22	0.21	0.2	0.056	0.11	26.9	2.2	7.97	2460	0.17	0.01	1.4	0.8	110
G004759		14.5	0.83	0.25	0.1	0.047	0.05	52.2	1.5	7.41	1960	<0.05	0.01	0.5	1	140
G004760		12.3	1.57	0.27	0.1	0.045	0.1	132	1.9	7.95	2210	0.16	0.01	0.8	1.3	200
G004761		8.96	0.78	0.17	0.1	0.049	0.06	10.8	1.9	8.46	2340	0.08	0.01	0.6	0.2	80
G004762		9.29	0.73	0.14	0.1	0.057	0.05	3.9	1.9	8.91	2650	0.05	0.01	0.5	0.4	140
G004763		10.5	0.64	0.15	0.1	0.06	0.05	2.5	1.7	8.76	2580	0.08	0.01	0.5	0.3	120
G004764		10.35	1.06	0.16	0.1	0.047	0.09	2.3	1.8	9.11	2190	0.22	0.01	0.7	0.9	150
G004765		10	0.66	0.16	0.1	0.052	0.05	2.7	1.8	9.11	2540	0.06	0.01	0.5	<0.2	130
G004766		11.85	0.73	0.18	0.1	0.055	0.04	3.2	1.7	8.25	2450	0.11	0.01	0.6	0.3	120
G004767		12.95	0.67	0.2	0.1	0.063	0.03	2.3	1.4	7.83	2600	0.06	<0.01	0.5	<0.2	80
G004768		10.7	0.73	0.18	0.1	0.069	0.05	3.4	1.8	8.22	2680	0.16	0.01	0.6	<0.2	130
G004769		15.3	1.72	0.24	0.2	0.083	0.15	3.8	2.1	6.29	2200	0.08	0.01	1.7	2.6	180
G004770		21.8	0.34	0.31	<0.1	0.109	0.01	9.5	1	4.35	1170	0.11	<0.01	0.5	0.3	80
G004771		0.54	0.22	0.09	<0.1	0.008	0.02	0.6	0.9	12.05	206	0.05	<0.01	0.2	0.7	140
G004772		18.35	0.65	0.29	0.1	0.129	0.04	12.3	1.5	5.38	1440	0.41	<0.01	0.7	4.7	150
G004773		20.2	0.28	0.32	<0.1	0.135	<0.01	11.3	1	4.93	1410	0.23	<0.01	0.4	4.7	50
G004774		2.98	7.92	0.18	1.8	0.029	2.93	9.1	45.5	0.16	137	5.53	0.08	6.7	14.5	480
G004775		7.54	6.11	0.1	0.3	0.077	0.7	19.5	4.8	5.81	2100	0.35	0.04	6.1	28.7	470

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	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
G004736		4.3	22.7	0.002	1.81	1.58	2.4	2	5	169.5	0.31	<0.05	1.5	0.098	0.29	0.6
G004737		3.1	28.8	<0.002	2.31	0.82	2.3	2	0.7	160	0.28	<0.05	1.5	0.088	0.29	1
G004738		22.8	21.1	<0.002	2.42	1.31	2.5	2	0.4	221	0.33	0.07	1.1	0.111	0.43	1.7
G004739		13.7	90.5	<0.002	0.2	0.9	21.1	2	1.2	206	1.24	<0.05	2.8	0.821	0.49	0.7
G004740		2.6	199.5	<0.002	0.22	0.63	29.3	2	3.2	104.5	1.19	<0.05	4.2	0.916	1.51	0.5
G004741		8.8	230	0.002	3.62	0.72	22.6	1	9.4	48.8	2.57	0.1	9.1	0.694	1.69	0.7
G004742		2	290	<0.002	6.54	0.75	24.3	2	4.5	35.1	1.31	0.12	5.7	0.554	1.82	0.7
G004743		2.5	370	<0.002	1.52	0.39	20.9	2	6.9	63.2	1.25	0.08	6.1	0.51	3.15	0.7
G004744		3.2	303	0.004	1.24	0.66	19.7	3	6.8	62.5	1.65	0.07	7.5	0.56	2.3	1.8
G004745		5.3	165	<0.002	>10.0	4.89	10	2	3.9	38	1.89	0.14	8.6	0.441	0.86	0.9
G004746		5.5	191.5	0.009	>10.0	9.29	3.2	3	2.9	69.4	0.66	0.15	2.4	0.205	0.88	1.4
G004747		5.1	112.5	0.002	>10.0	8.4	3	3	2.5	51.2	1.04	0.29	3.4	0.232	0.51	1.1
G004748		2.7	450	<0.002	3.2	0.93	2.8	1	1.9	56.1	0.95	0.12	4.2	0.19	2.6	0.8
G004749		5	131	<0.002	8.96	7.82	1.6	3	1	78.4	0.4	0.22	1.8	0.069	0.76	0.7
G004750		9.5	38.3	<0.002	>10.0	46.5	1.7	6	1.7	69.7	0.14	0.89	0.9	0.027	0.17	0.4
G004751		3.4	19.3	0.005	>10.0	7.56	0.5	5	0.2	70.9	<0.05	0.76	0.2	0.007	0.15	0.3
G004752		3.6	11.5	0.002	>10.0	7.44	0.5	4	0.3	75.7	<0.05	0.32	0.3	0.01	0.08	0.8
G004753		1.9	1.4	<0.002	0.12	0.19	0.3	1	0.2	46.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
G004754		3.3	33.5	<0.002	>10.0	3.69	0.6	4	0.3	82	0.06	0.53	0.2	0.012	0.17	0.4
G004755		6.2	101.5	0.002	2.08	40.2	6.6	15	2.3	65.8	0.37	0.13	1.4	0.276	4.15	0.7
G004756		3.7	8.7	<0.002	>10.0	3.02	0.4	3	0.3	98.3	<0.05	0.3	0.2	0.007	0.08	0.3
G004757		3.5	7	<0.002	>10.0	3.98	0.4	3	0.2	81.7	<0.05	0.36	0.2	0.006	0.07	0.3
G004758		4.3	12.1	<0.002	>10.0	3.83	0.5	3	0.4	97.7	0.07	0.34	0.4	0.011	0.08	0.5
G004759		3.2	7.6	<0.002	>10.0	3.05	0.4	4	0.2	86	<0.05	0.26	0.4	0.005	0.06	0.8
G004760		4.2	17.8	0.003	>10.0	4.45	0.5	4	0.3	95.3	<0.05	0.28	1	0.01	0.12	2.2
G004761		2.9	10.3	<0.002	8.88	2.41	0.5	3	0.3	95.5	<0.05	0.16	0.2	0.006	0.07	0.2
G004762		3.7	8.8	0.003	8.79	2.26	0.4	2	0.3	101	<0.05	0.12	<0.2	0.007	0.07	0.3
G004763		5.1	6.8	0.004	>10.0	9.39	0.3	4	0.2	96	<0.05	0.3	<0.2	0.005	0.09	0.7
G004764		3.1	17.4	<0.002	>10.0	2.22	0.4	4	0.3	107	<0.05	0.14	0.2	0.011	0.11	3.6
G004765		3.5	9.5	<0.002	>10.0	3.24	0.3	3	0.3	108	<0.05	0.11	<0.2	0.006	0.06	0.2
G004766		4.3	5.3	0.002	>10.0	6.6	0.3	3	0.4	95.4	<0.05	0.23	<0.2	0.007	0.06	0.2
G004767		3.8	4.5	0.003	>10.0	4.11	0.3	3	0.4	95.7	<0.05	0.2	<0.2	0.005	0.06	0.1
G004768		4.1	6.5	<0.002	>10.0	6.67	0.4	3	0.5	96.3	<0.05	0.21	<0.2	0.007	0.05	0.2
G004769		4.8	20.3	0.003	>10.0	16.6	0.6	4	1.2	80	0.08	0.51	0.2	0.022	0.13	0.4
G004770		5.6	1.4	0.002	>10.0	51.6	0.1	11	0.2	58.2	<0.05	3.05	<0.2	<0.005	0.04	0.4
G004771		1.7	1.1	<0.002	0.16	0.44	0.2	2	<0.2	45.2	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
G004772		6.9	5.6	<0.002	>10.0	42.1	0.3	9	0.4	69.6	<0.05	2.27	<0.2	0.008	0.11	0.3
G004773		8.2	1	<0.002	>10.0	44.8	0.2	10	<0.2	61.5	<0.05	2.04	<0.2	<0.005	0.46	0.1
G004774		5.1	102.5	<0.002	2.03	43.5	7.4	17	2.5	66.6	0.43	0.18	1.4	0.283	4.05	0.7
G004775		7.9	64.6	<0.002	6.01	4.02	3.7	3	4.8	99.6	0.3	0.23	0.9	0.161	0.3	0.3

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EXCELLENCE IN ANALYTICAL CHEMISTRY

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

Project: RAU

Finalized Date: 15-AUG-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08103489

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
G004736		14	97.6	11	24	23.1
G004737		15	0.9	12	11	25.9
G004738		23	0.7	13.8	153	19.3
G004739		208	0.8	18.9	161	31.3
G004740		260	0.8	20.2	64	26.2
G004741		181	3.3	17	29	39.8
G004742		164	2.6	16.5	24	39.5
G004743		114	1.7	18.9	26	41.5
G004744		163	2	22	28	117
G004745		78	30.5	14.8	14	49.4
G004746		43	920	11.1	19	47.5
G004747		41	77	10.4	14	38.3
G004748		30	10.4	10.7	17	40.7
G004749		14	65.2	8.8	13	22.7
G004750		8	30.4	6.3	11	10
G004751		5	450	6	8	3.4
G004752		5	116.5	6.4	9	3.4
G004753		1	2	0.8	17	<0.5
G004754		5	54.1	7.7	11	4.9
G004755		53	9.5	9.8	42	65
G004756		3	53.9	6.3	12	3.2
G004757		5	58.5	5.8	10	3.2
G004758		5	64.7	8	12	5.3
G004759		4	99.6	7.2	10	2.2
G004760		6	205	7.7	11	4.5
G004761		4	91.3	8	11	3.1
G004762		2	190	6	12	4
G004763		2	429	6.4	23	3.4
G004764		3	82.3	6.2	12	4.6
G004765		2	73.7	6.7	14	2.8
G004766		2	154	7.6	15	3.3
G004767		2	316	5.6	13	2.6
G004768		4	22.4	8.2	12	2.9
G004769		5	231	7.9	12	8.2
G004770		2	99.1	3.6	4	1.8
G004771		1	2.3	0.8	15	<0.5
G004772		7	49.3	5.3	7	3.4
G004773		3	42.3	5.1	7	1.4
G004774		51	8.9	10.4	46	68
G004775		26	72.4	10.3	18	16.2

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Project: RAU

Finalized Date: 15-AUG-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08103489

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-MS61 Ag ppm 0.01	Au-AA26 Au ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
G004776		5.18	0.02	0.05	0.35	677	230	0.21	5.18	33.8	0.11	7.55	5.1	3	0.43	4.3
G004777		4.50	0.05	<0.01	0.2	63	110	0.17	1.1	32.5	0.14	4.51	5.7	2	0.17	4.3
G004778		6.26	0.06	<0.01	4.91	153	860	1.6	0.5	15.35	0.33	73.1	24.5	33	10.75	20.2
G004779		6.02	0.02	<0.01	5.45	20	750	1.2	0.3	15.95	0.18	102.5	48.2	37	5.76	43.1
G004826		0.44	0.24	0.01	2.78	109	220	0.49	4.34	14.25	0.35	11.85	14.2	137	0.85	18.9
G004827		2.06	0.18	0.03	1.44	325	250	0.24	5.76	23.8	0.35	15.6	7.3	30	2.04	10.4
G004828		1.78	1.42	0.98	0.72	2670	360	0.3	61.9	24.1	0.87	12.7	4.8	12	1.23	7
G004829		1.74	3.46	2.38	1.42	>10000	1050	0.77	321	4.82	3.86	32.1	12.5	18	3.47	18.4
G004830		0.38	4.31	9.24	0.7	>10000	690	0.72	591	2.38	3.89	20.7	6.6	14	1.17	26.7
G004831		2.22	8.28	1.45	0.5	>10000	580	0.54	546	2.59	4.02	22	6.8	10	0.97	17.5
G004832		1.82	5.04	0.62	0.64	>10000	480	0.45	267	1.22	5.94	21.8	5.5	9	1.12	23.6
G004833		1.22	3.87	0.50	0.3	>10000	460	0.14	202	0.56	3.61	15.3	4.3	1	0.26	6.5
G004834		1.02	0.05	0.01	0.2	192	30	0.06	1.7	18.35	0.11	2.43	1.9	5	0.45	2.4
G004835		1.34	1.27	0.95	0.51	>10000	960	0.21	234	1.1	5.68	26.3	5.7	3	0.55	11.4
G004836		3.28	1.21	0.29	0.7	>10000	1960	0.33	184	1.14	4.58	40.2	3.7	6	0.64	9.1
G004837		1.44	0.13	0.34	0.13	9920	360	0.08	195	10.4	0.45	13.15	1.6	<1	0.12	4.5
G004838		0.16	8.39	14.55	3.69	499	650	0.74	0.34	0.19	0.09	18.3	8	32	5.83	45.6
G004839		1.56	0.12	0.07	0.19	1375	310	0.17	5.81	25.4	0.26	6.34	1.3	2	0.23	3.2
G004840		2.10	0.09	0.08	0.17	2970	200	0.18	51.2	20.5	0.31	6.52	1.6	2	0.33	2.9
G004841		0.94	0.22	0.45	0.39	>10000	490	0.27	376	13.25	2.49	16.35	2.3	6	0.57	5.4
G004842		0.36	0.26	1.02	0.65	>10000	710	0.27	254	1.29	1.36	18.85	2.6	3	1.6	4.9
G004843		0.58	0.42	0.71	0.13	>10000	220	0.21	48	21.5	1.98	6.72	1.5	<1	0.15	2
G004844		0.44	1.7	1.10	1.02	>10000	1970	0.36	108.5	10.55	2.83	23.4	4.9	44	1	14.1

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

Project: RAU

Finalized Date: 15-AUG-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08103489

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10
G004776		2.31	1.6	0.07	0.1	0.007	0.17	5.5	1.5	0.8	327	0.28	<0.01	1.8	15.5	410
G004777		2.35	0.94	0.06	0.1	0.007	0.08	3.4	0.7	0.5	273	0.3	<0.01	1.2	15.7	240
G004778		7.08	20.3	0.19	0.3	0.066	2.42	34.5	25.5	1.24	777	0.24	0.26	41	73.5	2210
G004779		5.79	17.95	0.19	0.2	0.068	2.17	47.6	16.5	1.54	776	0.23	0.11	44.9	101.5	2270
G004826		3.13	6.39	0.09	0.6	0.109	0.42	5.6	18.2	4.86	1390	0.59	0.39	3.9	44.6	220
G004827		2.14	4.11	0.13	0.2	0.019	0.32	8.2	7.2	2.36	507	0.25	0.27	5.6	21.8	270
G004828		7.91	2.38	0.11	0.3	0.048	0.29	8	3	0.35	1520	0.72	0.02	3.2	14.7	190
G004829		42.2	5.52	0.39	0.4	0.173	0.56	17.5	5	0.38	4770	3.02	0.02	4	33.2	450
G004830		49.3	3.25	0.47	0.2	0.128	0.25	10.1	2.2	0.33	2820	3.12	0.01	1.9	21.1	330
G004831		47	2.35	0.45	0.2	0.249	0.13	9.6	2	0.66	2120	2.9	0.02	1.1	22.4	270
G004832		>50	3.32	0.47	0.3	0.251	0.15	9.2	1.5	0.22	2280	2.48	0.02	1.1	19.7	300
G004833		>50	1.73	0.49	0.2	0.259	0.06	5.2	0.6	0.1	2910	4.18	<0.01	0.6	23	140
G004834		0.96	0.58	0.05	0.1	0.009	0.05	0.8	1.1	11.6	245	0.16	<0.01	0.7	4.6	190
G004835		45.6	2.72	0.43	0.2	0.231	0.15	11	1.1	0.16	4430	6.8	<0.01	0.9	18.7	190
G004836		43.9	5.09	0.39	0.5	0.472	0.21	17.7	1.6	0.28	18400	6.96	0.03	0.7	19.4	660
G004837		28.7	0.84	0.17	0.1	0.109	0.04	6.5	1	3.1	3310	7.7	<0.01	0.4	4.6	200
G004838		3.32	7.22	0.14	1.8	0.029	3.13	8.9	48.9	0.18	152	5.58	0.07	6.6	14.7	520
G004839		3.22	0.88	0.08	0.1	0.034	0.09	3.7	1.3	2.85	2070	0.65	<0.01	0.6	1.3	120
G004840		6.65	1.02	0.09	0.1	0.04	0.06	4	1.9	6.48	1915	0.93	<0.01	0.5	2.7	160
G004841		20.7	2.13	0.17	0.2	0.109	0.13	9.5	1.8	3.26	4100	1.64	0.01	1.3	6	210
G004842		46.1	4.41	0.55	0.3	0.182	0.23	8.9	2.1	0.33	8150	2.13	<0.01	1	8.8	290
G004843		12.4	0.77	0.1	0.1	0.1	0.04	4.2	1	4.81	2840	0.66	<0.01	0.3	3.4	120
G004844		21.4	3.34	0.15	0.4	0.155	0.3	12	4.3	4.03	7710	8.1	0.18	2.6	16.9	330

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Project: RAU

Finalized Date: 15-AUG-2008
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CERTIFICATE OF ANALYSIS VA08103489

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
G004776		3.1	7.3	<0.002	2.18	0.95	0.9	2	0.3	123	0.11	<0.05	0.4	0.036	0.06	0.1
G004777		4.1	2.4	<0.002	2.33	0.61	0.6	2	<0.2	143.5	0.06	<0.05	0.2	0.022	0.03	0.1
G004778		10.3	83.4	<0.002	0.07	0.46	11.5	2	2.1	127.5	2.56	<0.05	3.1	1.24	0.29	0.3
G004779		6.9	60.5	<0.002	0.11	0.19	13.4	2	1.8	123	2.82	<0.05	4.2	1.395	0.16	0.3
G004826		21.2	30.9	<0.002	0.05	4.52	13.9	2	0.5	168.5	0.66	<0.05	1	0.134	0.18	0.6
G004827		8.4	17	<0.002	0.03	0.56	3.9	3	0.6	146.5	0.33	<0.05	1	0.161	0.15	0.5
G004828		44.5	15.3	<0.002	0.09	5.78	2.1	3	0.9	113	0.2	0.08	0.9	0.064	0.17	1.1
G004829		201	32.8	0.005	0.04	39.7	3.3	3	2.2	29.7	0.24	0.33	2.3	0.049	0.57	4.3
G004830		240	13.1	0.007	0.03	57.7	1.8	3	2.6	24.4	0.1	0.46	1	0.019	0.38	5.4
G004831		290	8.3	0.005	0.03	37.8	2.2	5	2.1	32.6	0.05	0.66	0.7	0.018	0.27	4.9
G004832		231	10.9	0.004	0.03	23.5	2	4	3.5	27.7	<0.05	0.32	1.1	0.022	0.23	5.4
G004833		110	7.7	<0.002	0.06	6.51	2.2	6	3.3	20.9	<0.05	0.21	0.2	0.006	0.1	2.2
G004834		3	1.8	<0.002	0.03	0.15	0.8	2	<0.2	53.2	<0.05	<0.05	<0.2	0.016	<0.02	1.4
G004835		189	12.3	<0.002	0.04	14.6	1.4	3	0.9	29.6	<0.05	0.23	0.3	0.014	0.21	4.4
G004836		127	16.3	<0.002	0.05	13.9	2	2	1.4	27.4	0.05	0.31	0.3	0.023	0.21	3.2
G004837		14.2	2.7	<0.002	0.06	5.83	0.4	2	0.4	21.4	<0.05	0.2	0.2	0.009	0.07	1.6
G004838		5.6	111.5	0.002	2.21	43.1	6.4	15	2.5	71.4	0.44	0.17	1.5	0.293	4.13	0.7
G004839		5.5	4.1	<0.002	0.02	0.97	0.4	<1	0.3	31.1	<0.05	<0.05	0.2	0.014	0.13	0.4
G004840		7	3.9	<0.002	0.02	2.42	0.4	<1	0.4	38.8	<0.05	0.09	<0.2	0.011	0.1	0.4
G004841		19.3	7.5	<0.002	0.03	33.6	1	1	0.6	27.2	0.09	1.32	0.3	0.029	0.17	1.6
G004842		13.8	29.7	<0.002	0.07	23.4	1	2	0.7	29.2	0.06	0.42	0.3	0.028	0.47	3.2
G004843		104	3.5	<0.002	0.04	5.14	0.4	<1	1.2	25.1	<0.05	0.11	<0.2	0.005	0.1	1.1
G004844		204	16.5	<0.002	0.05	12.25	2.1	1	2.5	71.7	0.17	0.21	1.4	0.065	0.31	2.1

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
G004776		17	1.4	5.5	6	5.5
G004777		8	1	4.6	3	3.6
G004778		126	1.7	13.6	99	9.8
G004779		145	0.3	16.3	85	9
G004826		72	2.8	8	75	17.2
G004827		26	5.6	8	103	8.4
G004828		12	93.5	9.4	408	10.7
G004829		29	790	25.5	2370	16.7
G004830		25	1100	19.4	2290	8.3
G004831		21	860	22.7	3140	10.5
G004832		17	710	19.4	2210	12
G004833		16	103	19.7	782	6.2
G004834		4	2.7	1.4	28	2.1
G004835		12	14.8	18.1	1030	7.3
G004836		20	51.8	39.7	1080	17.4
G004837		5	66.5	8.4	207	3.5
G004838		56	9.3	10.5	46	65.8
G004839		3	8.4	6.2	48	3.8
G004840		6	27.9	8.3	66	3.7
G004841		12	20	16.6	624	9.1
G004842		24	48.9	13.5	550	11.9
G004843		4	5	8.7	998	3
G004844		25	140.5	15.9	1300	14.9

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

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

Project: RAU

Finalized Date: 15-AUG-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08103489

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

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

Finalized Date: 8-AUG-2008
Account: RCM

CERTIFICATE TR08103299

Project: RAU

P.O. No.:

This report is for 46 Drill Core samples submitted to our lab in Terrace, BC, Canada on 24-JUL-2008.

The following have access to data associated with this certificate:

AL ARCHER BILL WENGZYNOWSKI	DOUG EATON	JOAN MARIACHER

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-ICP61	33 element four acid ICP-AES	ICP-AES

To: ATAC RESOURCES LTD.
ATTN: AL ARCHER
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.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Project: RAU

Finalized Date: 8-AUG-2008
Account: RCM

CERTIFICATE OF ANALYSIS TR08103299

Method / Analyte / Units / LOR / Sample Description	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10
G004780	5.82	0.03	<0.5	1.21	43	320	<0.5	<2	24.6	<0.5	4	19	5	1.18	<10
G004781	6.44	0.01	<0.5	1.05	47	190	<0.5	<2	26.5	<0.5	7	32	5	1.42	<10
G004782	5.88	<0.01	<0.5	5.24	24	480	0.7	<2	14.15	<0.5	32	182	60	3.81	10
G004783	6.44	<0.01	<0.5	7.19	27	620	0.9	<2	7.51	<0.5	38	288	60	5.70	20
G004784	6.23	0.03	<0.5	6.41	114	1400	0.9	<2	5.55	<0.5	36	203	11	7.91	20
G004785	6.52	0.04	<0.5	6.69	66	3680	1.1	<2	3.94	<0.5	36	205	27	6.57	20
G004786	4.59	0.21	<0.5	0.17	659	30	<0.5	442	2.32	<0.5	<1	1	43	41.7	<10
G004787	0.85	0.01	<0.5	0.09	<5	40	<0.5	<2	17.45	<0.5	2	2	<1	0.52	<10
G004788	2.49	0.02	<0.5	6.92	84	1670	1.4	74	1.05	<0.5	4	37	6	7.20	20
G004789	0.99	0.12	<0.5	0.50	401	100	<0.5	1765	0.15	<0.5	<1	<1	60	46.9	<10
G004790	6.03	0.96	<0.5	0.04	>10000	10	<0.5	517	0.30	<0.5	<1	2	<1	38.8	<10
G004791	5.07	4.99	<0.5	0.34	>10000	70	<0.5	384	7.88	<0.5	<1	3	<1	20.8	<10
G004792	5.19	13.90	<0.5	1.10	>10000	140	<0.5	275	6.55	<0.5	<1	16	<1	20.9	<10
G004793	6.04	0.02	<0.5	0.17	212	20	<0.5	2	17.05	<0.5	<1	3	<1	2.48	<10
G004794	4.72	0.56	<0.5	0.21	3540	20	<0.5	246	10.25	<0.5	<1	3	<1	17.50	<10
G004795	6.54	0.02	<0.5	0.87	76	150	<0.5	<2	16.95	<0.5	1	6	<1	1.52	<10
G004796	6.69	1.88	<0.5	0.14	>10000	30	<0.5	234	12.05	<0.5	<1	4	<1	13.10	<10
G004797	6.91	2.48	<0.5	0.05	>10000	10	<0.5	170	10.15	<0.5	<1	2	<1	17.75	<10
G004798	6.97	2.50	<0.5	2.07	>10000	240	0.5	192	9.03	<0.5	<1	11	<1	12.70	<10
G004799	6.51	0.53	<0.5	0.08	7890	10	<0.5	149	12.10	<0.5	<1	2	<1	14.25	<10
G004800	6.77	0.58	<0.5	0.19	4930	20	<0.5	142	11.65	<0.5	<1	1	<1	14.25	<10
G004801	6.10	0.22	<0.5	0.05	4760	10	<0.5	71	13.85	<0.5	<1	2	<1	9.93	<10
G004802	6.66	0.27	<0.5	0.62	6020	160	<0.5	87	13.20	<0.5	<1	3	<1	9.31	<10
G004803	6.60	0.27	0.9	0.06	8260	10	<0.5	65	13.25	<0.5	<1	<1	<1	11.65	<10
G004804	6.48	1.18	2.3	0.50	>10000	90	<0.5	118	12.30	<0.5	<1	7	<1	13.25	<10
G004805	6.63	1.41	<0.5	0.36	>10000	20	<0.5	761	11.30	<0.5	<1	4	<1	15.55	<10
G004806	6.41	0.24	4.5	0.12	7740	10	<0.5	184	12.90	<0.5	<1	1	1	10.75	<10
G004807	6.58	0.91	1.8	0.08	>10000	10	<0.5	300	12.65	<0.5	<1	1	<1	11.40	<10
G004808	0.13	14.40	7.8	3.47	559	720	0.7	<2	0.28	<0.5	7	35	42	3.62	10
G004809	3.35	0.39	6.8	0.04	>10000	10	<0.5	133	12.95	<0.5	<1	<1	3	13.25	<10
G004810	0.79	0.03	<0.5	0.05	61	10	<0.5	<2	18.00	<0.5	2	2	<1	0.52	<10
G004811	6.18	0.57	4.0	0.45	>10000	100	<0.5	1990	12.40	<0.5	<1	1	4	11.05	<10
G004812	6.07	0.78	1.8	0.18	6170	10	<0.5	503	13.85	<0.5	<1	5	2	11.65	<10
G004813	7.16	0.75	5.1	0.10	>10000	10	<0.5	163	11.65	<0.5	<1	1	2	14.50	<10
G004814	5.08	1.80	6.6	0.05	>10000	40	<0.5	276	9.87	3.7	<1	<1	<1	16.85	<10
G004815	5.26	0.04	5.9	0.09	>10000	20	<0.5	216	9.81	<0.5	<1	2	<1	17.35	<10
G004816	5.00	2.44	2.1	0.07	>10000	10	<0.5	355	6.84	<0.5	<1	2	<1	21.8	<10
G004817	5.74	2.55	3.4	0.04	>10000	10	<0.5	214	6.02	<0.5	<1	<1	<1	28.4	<10
G004818	5.85	4.60	5.1	0.05	>10000	10	<0.5	187	4.63	<0.5	<1	4	<1	30.2	<10
G004819	8.57	4.33	4.2	0.04	>10000	10	<0.5	241	7.75	<0.5	<1	3	<1	24.2	<10

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VANCOUVER BC V6B 1L8

Project: RAU

CERTIFICATE OF ANALYSIS TR08103299

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti
	Units	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
G004780		0.54	<10	1.96	365	<1	0.03	10	90	3	0.91	<5	2	230	<20	0.11
G004781		0.48	<10	0.85	614	1	0.02	15	280	3	1.44	<5	2	247	<20	0.12
G004782		2.74	20	1.52	1290	<1	0.06	98	1360	2	3.88	<5	17	163	<20	0.48
G004783		3.89	20	1.04	739	<1	0.08	171	1670	2	6.23	<5	24	117	<20	0.98
G004784		3.64	20	1.23	264	<1	0.10	174	1960	3	9.05	<5	18	58	<20	0.62
G004785		3.67	40	2.01	195	<1	0.13	143	2080	3	7.15	<5	16	32	<20	0.66
G004786		0.13	<10	2.45	304	<1	<0.01	2	100	<2	>10.0	17	1	16	<20	0.02
G004787		0.05	10	11.05	180	2	<0.01	5	160	<2	0.09	<5	<1	42	<20	0.01
G004788		5.21	60	3.10	133	<1	0.11	19	570	2	5.00	<5	4	33	20	0.37
G004789		0.48	<10	1.71	22	<1	<0.01	<1	70	<2	>10.0	31	1	3	<20	0.03
G004790		0.03	<10	0.14	30	<1	<0.01	<1	10	<2	>10.0	26	<1	3	<20	<0.01
G004791		0.26	10	4.74	1230	<1	<0.01	<1	80	<2	>10.0	22	1	63	<20	0.02
G004792		0.69	10	3.68	990	<1	0.01	3	220	<2	>10.0	27	1	47	<20	0.09
G004793		0.14	10	10.35	700	1	<0.01	5	90	2	1.97	<5	<1	56	<20	0.01
G004794		0.15	10	6.02	1275	<1	<0.01	1	140	<2	>10.0	11	1	67	<20	0.01
G004795		0.78	10	10.05	661	1	0.01	6	140	2	1.34	<5	1	61	<20	0.05
G004796		0.10	10	7.05	1745	<1	<0.01	1	80	2	>10.0	25	1	85	<20	0.01
G004797		0.04	20	5.79	1670	<1	<0.01	<1	70	<2	>10.0	18	<1	79	<20	<0.01
G004798		1.30	40	5.13	1750	<1	0.02	6	350	<2	>10.0	8	2	72	<20	0.15
G004799		0.05	30	6.97	2100	<1	<0.01	<1	90	<2	>10.0	8	<1	93	<20	0.01
G004800		0.17	10	6.72	2060	<1	<0.01	<1	100	<2	>10.0	6	1	89	<20	0.01
G004801		0.04	10	8.02	2560	<1	<0.01	2	60	3	9.84	<5	<1	107	<20	<0.01
G004802		0.38	10	7.69	2470	<1	<0.01	3	130	2	8.86	<5	1	103	<20	0.04
G004803		0.03	20	7.44	3070	<1	<0.01	<1	60	30	>10.0	6	<1	105	<20	<0.01
G004804		0.33	20	7.07	2470	<1	<0.01	8	210	7	>10.0	6	1	89	<20	0.05
G004805		0.17	10	6.77	1720	<1	0.01	4	210	5	>10.0	15	1	77	<20	0.04
G004806		0.05	10	7.41	3580	<1	<0.01	2	90	12	9.68	8	<1	96	<20	0.01
G004807		0.04	10	7.18	2880	<1	<0.01	<1	70	4	>10.0	8	<1	98	<20	0.01
G004808		2.99	10	0.22	206	6	0.08	18	510	6	2.14	40	6	67	<20	0.29
G004809		0.02	10	7.32	3540	<1	<0.01	<1	60	17	>10.0	11	<1	93	<20	<0.01
G004810		0.03	10	11.20	220	8	<0.01	5	180	<2	0.08	<5	<1	43	<20	<0.01
G004811		0.26	30	7.40	2620	<1	<0.01	2	120	26	>10.0	30	<1	87	<20	0.02
G004812		0.07	30	7.82	4020	<1	<0.01	7	140	13	7.26	11	1	93	<20	0.01
G004813		0.04	10	6.85	2640	<1	<0.01	<1	100	10	>10.0	11	<1	84	<20	0.01
G004814		0.02	10	5.78	1970	<1	<0.01	<1	70	43	>10.0	30	<1	73	<20	<0.01
G004815		0.04	20	5.73	1840	<1	<0.01	<1	60	19	>10.0	27	<1	75	<20	0.01
G004816		0.04	60	3.98	1105	<1	<0.01	<1	50	5	>10.0	63	<1	56	<20	<0.01
G004817		0.02	40	3.29	932	<1	<0.01	<1	40	6	>10.0	38	<1	45	<20	<0.01
G004818		0.02	70	2.47	775	<1	<0.01	<1	60	11	>10.0	15	1	36	<20	0.01
G004819		0.02	40	4.48	1420	<1	<0.01	<1	60	14	>10.0	23	1	63	<20	<0.01

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Project: RAU

Finalized Date: 8-AUG-2008
Account: RCM

CERTIFICATE OF ANALYSIS TR08103299

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Tl	U	V	W	Zn
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	10	10	1	10	2
G004780		<10	50	16	<10	24
G004781		<10	50	18	<10	10
G004782		<10	<10	166	<10	16
G004783		<10	<10	251	<10	16
G004784		<10	<10	84	10	22
G004785		<10	<10	140	<10	18
G004786		<10	<10	5	220	3
G004787		<10	<10	2	<10	15
G004788		<10	<10	44	10	23
G004789		<10	<10	7	410	<2
G004790		<10	<10	2	70	<2
G004791		<10	<10	7	40	3
G004792		<10	<10	17	80	3
G004793		<10	10	3	<10	5
G004794		<10	<10	5	60	3
G004795		<10	<10	6	<10	7
G004796		<10	<10	5	40	9
G004797		<10	<10	3	120	5
G004798		<10	<10	21	60	9
G004799		<10	<10	4	110	13
G004800		<10	<10	6	50	10
G004801		<10	<10	3	190	10
G004802		<10	<10	7	70	11
G004803		<10	<10	3	210	143
G004804		<10	<10	9	110	33
G004805		<10	<10	9	70	9
G004806		<10	<10	3	20	41
G004807		<10	<10	2	70	23
G004808		<10	<10	53	10	40
G004809		<10	<10	2	130	22
G004810		<10	<10	1	<10	12
G004811		<10	<10	4	60	32
G004812		<10	<10	3	220	111
G004813		<10	<10	3	200	35
G004814		<10	<10	3	100	739
G004815		<10	<10	4	160	22
G004816		<10	<10	4	210	27
G004817		<10	<10	3	260	7
G004818		<10	<10	5	610	12
G004819		<10	<10	5	10	25

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Project: RAU

Finalized Date: 8-AUG-2008
Account: RCM

CERTIFICATE OF ANALYSIS TR08103299

Sample Description	Method	WEI-21	Au-AA26	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
G004820		5.19	3.55	4.5	0.18	>10000	10	<0.5	312	8.50	<0.5	<1	5	1	22.8	<10
G004821		6.39	2.05	4.8	0.09	>10000	10	<0.5	195	13.20	<0.5	<1	2	<1	13.05	<10
G004822		6.08	0.08	<0.5	6.22	528	1120	1.8	8	10.20	<0.5	15	45	20	5.82	20
G004823		0.12	14.45	6.4	3.62	971	460	0.7	11	0.52	<0.5	7	34	40	3.60	10
G004824		6.96	0.03	<0.5	7.06	98	1490	2.0	<2	4.58	<0.5	18	58	18	10.30	20
G004825		6.68	0.03	<0.5	3.63	53	970	1.4	<2	16.60	<0.5	10	28	6	9.15	10

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Project: RAU

Finalized Date: 8-AUG-2008
Account: RCM

CERTIFICATE OF ANALYSIS TR08103299

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 K % 0.01	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01
G004820		0.04	10	4.92	1900	<1	<0.01	<1	150	26	>10.0	22	1	68	<20	0.01
G004821		0.03	10	7.62	2690	<1	<0.01	3	120	13	>10.0	15	<1	101	<20	0.01
G004822		3.52	40	1.63	1070	<1	0.08	65	2110	<2	0.87	<5	12	107	<20	1.47
G004823		3.07	10	0.33	222	5	0.07	13	510	4	2.32	41	6	70	<20	0.29
G004824		4.25	50	1.28	345	<1	0.08	82	1550	<2	0.08	<5	14	48	<20	1.90
G004825		2.10	30	1.23	352	<1	0.06	41	2530	<2	0.05	<5	7	143	<20	0.92

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Project: RAU

Finalized Date: 8-AUG-2008
Account: RCM

CERTIFICATE OF ANALYSIS TR08103299

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 Tl ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
G004820		<10	<10	8	20	142
G004821		<10	<10	6	20	30
G004822		<10	<10	159	10	59
G004823		10	<10	55	10	43
G004824		<10	<10	148	<10	43
G004825		<10	<10	84	10	52

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Finalized Date: 10-AUG-2008
Account: RCM

CERTIFICATE VA08098577

Project: RAU

P.O. No.:

This report is for 2 Rock samples submitted to our lab in Vancouver, BC, Canada on 18-JUL-2008.

The following have access to data associated with this certificate:

AL ARCHER BILL WENGZYNOWSKI	DOUG EATON	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
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	
ME-MS61	48 element four acid ICP-MS	
Au-AA26	Ore Grade Au 50g FA AA finish	AAS

To: **ATAC RESOURCES LTD.**
ATTN: AL ARCHER
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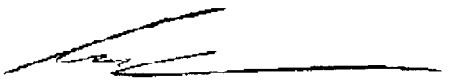
Signature: 
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Project: RAU

Finalized Date: 10-AUG-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08098577

Sample Description	Method	WEI-21	ME-MS61	ME-MS61	ME-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.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
G004918		1.96	1.15	0.52	7.8	20	0.31	1020	0.23	0.92	8.1	20.3	7	0.45	1950	44.9
G004919		1.56	1.08	0.89	3.4	30	0.33	165.5	0.71	0.31	6.3	32.5	36	4.61	1860	31.4

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

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Project: RAU

Finalized Date: 10-AUG-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08098577

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	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5
G004918		1.1	0.56	0.1	0.031	0.02	3.6	2.8	0.78	311	4.1	0.02	0.3	89.4	100	55.7
G004919		7.91	0.24	0.3	0.063	0.33	2.9	3.4	6.07	303	10.55	0.03	0.9	56.9	370	11

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Project: RAU

Finalized Date: 10-AUG-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08098577

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	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1
G004918		3.5	0.003	0.15	7.37	3.1	2	1	3.2	<0.05	6.67	0.3	0.006	0.17	4.8	8
G004919		83.6	0.003	0.09	0.89	2.5	3	0.7	5.8	0.06	1.69	2.9	0.041	0.93	3.7	21

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

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Finalized Date: 10-AUG-2008
Account: RCM

Project: RAU

CERTIFICATE OF ANALYSIS VA08098577

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Au-AA26
	Analyte	W	Y	Zn	Zr	Au
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	0.1	2	0.5	0.01
G004918		1.9	7.2	778	2.6	<0.01
G004919		7.5	4.1	262	11.1	0.01

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

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Project: RAU

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CERTIFICATE OF ANALYSIS VA08098577

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.

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Finalized Date: 16-AUG-2008
Account: RCM

CERTIFICATE VA08098574

Project: RAU

P.O. No.:

This report is for 7 Other samples submitted to our lab in Vancouver, BC, Canada on 18-JUL-2008.

The following have access to data associated with this certificate:

AL ARCHER BILL WENGZYNOWSKI	DOUG EATON	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-43	Screen to -500um, discard plus
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES

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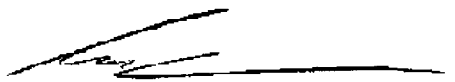
Signature: 

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Project: RAU

Finalized Date: 16-AUG-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08098574

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
CC44471		0.14	0.015	0.6	0.35	20	<10	240	<0.5	2	15.6	1.1	5	15	13	1.26
CC44472		0.14	0.002	0.3	0.69	23	<10	450	<0.5	<2	16.0	1.3	3	10	15	0.88
CC44482		0.12	0.002	0.3	0.11	7	<10	70	<0.5	<2	>25.0	<0.5	2	2	6	0.38
CC44483		0.14	0.002	0.5	0.43	9	<10	170	0.5	<2	12.30	2.8	4	6	17	0.76
CC44490		0.14	0.004	0.2	0.46	22	<10	120	<0.5	<2	10.60	0.8	4	9	14	1.13
CC44491		0.16	0.002	0.3	0.52	11	<10	410	<0.5	<2	11.00	1.2	5	10	15	1.28
CC44492		0.14	0.003	0.4	0.76	9	<10	590	<0.5	<2	10.90	0.9	9	26	23	2.10

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Project: RAU

Finalized Date: 16-AUG-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08098574

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC44471		<10	<1	0.05	10	8.96	625	2	0.02	18	600	144	0.04	2	2	85
CC44472		<10	<1	0.08	10	9.27	603	1	0.02	14	260	28	0.02	<2	2	82
CC44482		<10	<1	0.02	<10	0.86	266	<1	0.01	3	110	51	<0.01	<2	1	155
CC44483		<10	<1	0.04	10	10.70	721	1	0.01	30	270	53	0.02	3	1	87
CC44490		<10	<1	0.05	10	7.21	625	<1	0.02	13	590	58	0.01	3	1	37
CC44491		<10	<1	0.06	10	6.70	416	<1	0.02	17	430	27	0.02	2	2	90
CC44492		<10	<1	0.09	10	2.64	510	<1	0.02	30	650	34	0.04	2	3	161

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Project: RAU

Finalized Date: 16-AUG-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08098574

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
CC44471		<20	0.01	<10	<10	23	<10	421
CC44472		<20	0.02	<10	<10	22	10	498
CC44482		<20	<0.01	<10	<10	2	<10	185
CC44483		<20	0.01	<10	<10	18	10	476
CC44490		<20	0.02	<10	<10	20	<10	167
CC44491		<20	0.02	<10	<10	18	<10	457
CC44492		<20	0.05	<10	<10	23	<10	238

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Finalized Date: 14-JUL-2008
Account: RCM

CERTIFICATE VA08094208

Project: RAU (Regional)

P.O. No.:

This report is for 2 Rock samples submitted to our lab in Vancouver, BC, Canada on 10-JUL-2008.

The following have access to data associated with this certificate:

AL ARCHER BILL WENGZYNOWSKI	DOUG EATON	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Zn-OG46	Ore Grade Zn - Aqua Regia	VARIABLE
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Pb-OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Ag-OG46	Ore Grade Ag - Aqua Regia	VARIABLE

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Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Project: RAU (Regional)

Finalized Date: 14-JUL-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08094208

Sample Description	Method Analyte Units LOR	Zn-OG46 Zn % 0.01	Pb-OG46 Pb % 0.01	Ag-OG46 Ag ppm 1
C386039		15.95		
C386043		2.09	3.27	241

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Finalized Date: 26-JUL-2008
Account: RCM

CERTIFICATE VA08092934

Project: RAU

P.O. No.: RAU-08-01

This report is for 39 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 4-JUL-2008.

The following have access to data associated with this certificate:

AL ARCHER BILL WENGZYNOWSKI	DOUG EATON	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	
ME-MS61	48 element four acid ICP-MS	
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM

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

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Project: RAU

Finalized Date: 26-JUL-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08092934

Sample Description	Method	WEI-21	Au-ICP21	Au-GRA21	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
G004501		1.96	0.021		0.7	1.38	460	1010	0.51	8.57	20.8	0.14	19.35	4.5	28	2.81
G004502		1.96	0.010		0.42	0.42	550	140	0.27	7.17	18.55	0.09	6.77	3.5	6	0.36
G004503		1.90	0.005		0.05	0.35	<5	330	0.24	0.27	19.9	0.03	4.16	0.9	4	0.6
G004504		2.18	0.002		0.03	0.16	17	630	0.16	0.29	19.65	0.14	3.3	0.9	4	0.25
G004505		1.78	0.004		0.02	0.56	6	430	0.3	0.65	19.6	0.03	5.33	2.1	13	1.2
G004506		2.06	0.007		0.09	1.25	53	180	0.4	1.55	16.45	0.05	4.73	11.1	30	5.73
G004507		2.00	0.025		0.2	5.15	111	1150	0.98	4.97	6.5	0.02	22.2	56.5	174	16.25
G004508		2.00	0.007		0.15	7.58	10.4	390	1.11	1.16	3.46	0.03	30	22	280	21.3
G004509		1.98	0.005		0.16	7.01	2.6	2900	1.07	0.8	5.17	0.11	27.1	26	261	37.4
G004510		2.06	0.003		0.13	7.48	0.4	2210	0.91	0.56	7.64	0.03	47.8	34.7	232	49.7
G004511		4.04	0.002		0.07	6.92	0.4	1730	0.79	0.44	6.72	0.03	39.3	33.6	218	56.9
G004512		3.34	0.005		0.08	6.77	19.8	1210	0.74	0.42	6.21	0.03	27.7	44.9	235	71.9
G004513		4.10	0.005		0.06	6.56	29.7	790	0.5	0.06	5.17	0.05	33	48.3	222	39
G004514		4.42	0.007		0.08	6.54	54.5	1150	0.75	0.05	5.97	0.06	29.4	44	229	33.8
G004515		3.96	0.019		0.05	6.41	247	1190	0.71	0.15	6.19	0.07	29.9	44	226	30.2
G004516		3.74	0.045		0.06	6.94	347	1570	0.83	0.17	6.38	0.05	33.9	50.6	238	33.1
G004517		1.40	0.001		0.02	0.1	17	20	0.09	0.15	19.85	0.08	1.43	1.3	2	0.32
G004518		3.48	0.013		0.1	6.63	144	1860	0.8	0.29	7.06	0.06	30.4	47.4	237	32.1
G004519		2.60	0.017		0.09	5.58	155	1530	1	0.75	10.95	0.09	29.9	28.7	174	6.26
G004520		2.50	0.087		0.13	6.94	246	1100	1.16	3.94	7.37	0.04	27.5	59.2	215	6.7
G004521		3.98	0.020		0.08	0.24	33	50	0.17	1.5	19.85	0.04	6.26	5.2	6	0.53
G004522		4.38	0.041		0.13	1.65	229	430	0.34	2.41	16.65	0.04	14.7	16.7	62	2.01
G004523		4.16	0.053		0.26	4.95	69	480	0.94	3.39	10.05	0.08	20.4	33.7	151	11.1
G004524		4.22	0.031		0.1	5.44	19	1570	0.71	0.8	10.65	0.05	26.5	22.7	192	26.4
G004525		3.08	0.039		0.11	6.74	91.8	2230	1.39	1.59	9.17	0.07	34.4	43.1	186	10.85
G004526		3.10	0.100		0.19	5.71	471	1100	1.33	7.28	6.75	0.04	29.8	32	183	9.89
G004527		2.02	0.004		0.06	0.18	14	200	0.24	0.65	19.6	0.04	3.19	1	4	0.25
G004528		2.02	0.012		0.05	0.14	25	160	0.24	1.41	20.3	0.03	2.92	1.7	4	0.48
G004529		2.26	0.008		0.05	0.04	35	50	0.14	0.92	19.6	0.07	2.89	0.6	2	0.18
G004530		1.98	0.033		0.35	0.1	81	170	0.17	2.6	15.8	1.3	3.02	0.7	5	0.3
G004531		1.84	0.008		0.04	0.06	21	80	0.15	0.63	19.45	0.03	3.48	0.5	3	0.22
G004532		1.96	0.013		0.15	0.06	22	70	0.13	1.28	19.35	0.39	3.01	0.6	2	0.15
G004533		0.76	0.002		0.01	0.08	14	10	0.08	0.02	19.35	0.08	1.43	0.9	1	0.18
G004534		1.82	0.004		0.08	0.11	14	120	0.16	0.32	18.6	0.31	3.87	0.6	4	0.22
G004535		2.12	0.004		0.02	0.05	21	100	0.16	0.37	19.8	0.19	2.56	0.6	3	0.1
G004536		1.90	0.009		0.17	0.08	20	120	0.15	0.91	18.75	0.56	3.62	0.6	3	0.16
G004537		2.18	0.015		0.07	0.25	12	390	0.26	0.8	19	0.05	2.76	1.2	6	0.22
G004538		1.78	0.024		0.09	0.2	16	280	0.28	1.31	18.55	0.09	4.41	1.3	7	0.29
G004539		0.16	>10.0	14.70	10.65	3.51	453	700	0.87	0.05	0.21	0.09	19.8	7.5	31	5.7

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Project: RAU

Finalized Date: 26-JUL-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08092934

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	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
G004501		270	1.6	3.42	0.06	0.5	0.151	0.54	11.8	7.8	5.08	308	2.04	0.14	3.1	11.5
G004502		140.5	0.95	1.63	0.06	0.2	0.103	0.09	4.1	2.5	9.62	544	2.72	0.01	1.1	3.6
G004503		4.3	0.25	1.05	0.18	0.2	0.007	0.17	2.3	3.4	11.35	231	0.79	<0.01	0.8	1.9
G004504		3.1	0.37	0.6	0.17	0.1	0.006	0.07	2	2.6	11.55	315	0.57	0.01	0.3	3.6
G004505		2.7	0.49	1.78	0.14	0.3	0.007	0.24	3.2	4.2	10.65	319	0.45	0.01	1.4	7.6
G004506		5.7	4.97	3.06	0.09	0.4	0.006	0.64	2.4	10.1	9.54	442	0.45	0.03	1.3	27
G004507		116.5	9.67	14.65	0.19	0.7	0.045	2.92	9.8	29.8	3.93	331	1.1	0.05	10.4	147.5
G004508		73.7	5.11	22.5	0.16	0.2	0.062	4.59	14.5	49.2	2.83	256	0.88	0.09	10.5	198.5
G004509		41.7	4.32	25.2	0.15	0.4	0.051	4.85	13.7	55.2	4.35	410	0.48	0.09	11.5	220
G004510		29.8	4.66	22.8	0.18	0.4	0.049	5.08	26.2	61.2	4.6	583	0.6	0.07	10.1	229
G004511		16.9	4.92	20.1	0.16	0.3	0.051	4.79	21.1	63.4	4.9	644	0.25	0.06	10.9	205
G004512		42.6	5.72	18.9	0.18	0.8	0.052	4.54	14.1	64.3	4.78	623	0.51	0.09	11.3	238
G004513		44.9	7.47	16.4	0.17	0.8	0.038	2.33	16.4	43.9	5.81	633	0.48	0.08	14	219
G004514		74	7.43	19.4	0.2	0.5	0.049	2.32	14.7	45.6	5.51	729	0.53	0.12	18.1	230
G004515		46.2	6.66	17.05	0.16	0.7	0.046	2.85	15	46.4	5.73	848	0.41	0.15	12	223
G004516		40.4	6.88	19.2	0.2	0.8	0.049	3.54	17.5	53.7	5.22	809	0.55	0.19	14.5	245
G004517		3.7	0.45	0.38	0.09	<0.1	<0.005	0.04	0.7	1.4	13.05	191	0.09	0.01	0.4	4.4
G004518		81.2	6.5	17.65	0.18	0.7	0.05	3.67	15.8	61.7	4.79	843	0.35	0.2	9.6	218
G004519		36.4	3.99	14.15	0.14	0.6	0.046	2.91	15.5	39.2	5.58	919	0.14	0.14	7	191
G004520		63.1	4.99	18.05	0.15	0.9	0.033	3.62	14.5	37.9	4.29	325	0.65	0.15	9.4	285
G004521		16.1	1.09	0.83	0.08	0.1	0.007	0.1	3.7	2.9	11.3	516	0.46	0.01	0.4	12.5
G004522		36.9	3.61	4.38	0.1	0.2	0.017	0.69	7.9	9.2	9.95	472	0.75	0.04	2.2	60.4
G004523		44.4	6.12	13.7	0.14	0.4	0.028	2.15	10.3	41.5	5.4	515	0.43	0.1	7.3	166.5
G004524		22.2	3.91	15.1	0.13	0.4	0.031	2.84	14.1	58.7	6.02	762	0.29	0.32	9.4	191
G004525		18.5	4.27	18.6	0.14	0.4	0.032	2.98	18.4	61.7	4.45	578	0.31	0.47	12.7	209
G004526		49.6	8.18	16.4	0.17	0.5	0.036	2.79	14.2	41.3	4.75	352	0.75	0.21	11	166.5
G004527		6.9	0.23	0.65	0.13	0.1	0.006	0.08	2	3.9	12.55	341	0.09	0.02	0.3	3.9
G004528		2.7	0.42	0.6	0.16	<0.1	<0.005	0.08	2	4.4	12.7	314	1.22	0.01	0.3	4.8
G004529		1.4	0.81	0.17	0.09	<0.1	<0.005	0.02	2.2	3.1	12.55	365	0.49	0.01	0.1	1.6
G004530		2.6	2.28	0.42	0.08	<0.1	0.007	0.04	2.3	2.4	9.5	478	0.58	0.01	0.2	2.6
G004531		1.3	0.31	0.31	0.13	<0.1	<0.005	0.03	3	3.4	12.7	424	0.71	0.01	0.1	1.7
G004532		1.7	0.28	0.31	0.16	<0.1	<0.005	0.02	2.7	2.8	12.6	384	2.54	0.01	0.1	3
G004533		5.2	0.43	0.28	0.11	<0.1	<0.005	0.03	0.7	1.2	12.5	194	0.13	<0.01	0.3	2.4
G004534		3.3	0.25	0.67	0.18	<0.1	0.007	0.05	3.3	2.8	11.75	447	0.49	0.01	0.2	2.7
G004535		2	0.17	0.33	0.22	<0.1	<0.005	0.02	2	2.7	12.1	307	0.66	0.01	0.1	3.6
G004536		2	0.41	0.37	0.16	<0.1	0.146	0.03	2.5	3	11.55	697	1.18	0.01	0.2	3.6
G004537		3.1	0.36	0.68	0.16	0.1	0.007	0.1	2	2.9	11.2	318	1.71	0.01	0.4	4.6
G004538		3	0.5	0.78	0.14	0.1	0.045	0.08	3.7	3.3	10.95	556	1.5	0.01	0.3	5.8
G004539		42.9	2.98	7.83	0.15	1.9	0.033	2.93	9.7	45.1	0.19	133	5.53	0.08	6.8	15.2

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Project: RAU

Finalized Date: 26-JUL-2008
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CERTIFICATE OF ANALYSIS VA08092934

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
G004501		90	9.1	13	0.002	1.12	6.17	3.2	2	9.5	147	0.18	0.05	1.6	0.098	0.23
G004502		70	4.7	3	0.003	0.28	3.74	1	2	8.8	57.9	0.07	<0.05	1	0.027	0.08
G004503		20	2.3	6.5	<0.002	0.1	1.23	0.7	2	0.2	58.4	0.06	<0.05	0.6	0.019	0.08
G004504		20	4.3	4.7	<0.002	0.03	1.4	0.4	1	<0.2	66	<0.05	<0.05	0.3	0.007	0.06
G004505		20	2.5	7.9	<0.002	0.34	0.45	1.7	2	0.2	87.4	0.09	<0.05	0.9	0.042	0.09
G004506		10	4.8	35.5	<0.002	6.25	0.77	3.2	2	0.3	84.2	0.08	0.07	0.8	0.061	0.36
G004507		370	3.3	201	<0.002	>10.0	1.13	20	2	2.8	41.9	0.52	0.09	1.5	0.671	1.29
G004508		660	4.1	187.5	0.003	2.68	1.15	29.6	2	6.8	30.2	0.5	0.09	1.9	0.495	1.7
G004509		880	5.3	314	<0.002	1.47	0.63	27.4	2	8.9	41.6	0.51	0.1	2	0.483	2.63
G004510		880	2.3	432	<0.002	1.36	0.49	27.2	2	8.7	53.2	0.46	0.1	2.1	0.507	3.4
G004511		860	2	460	<0.002	0.84	0.51	25.3	2	9.5	48.9	0.53	0.09	2.2	0.56	4.08
G004512		720	1.8	540	<0.002	1.19	0.79	25.1	2	8.6	48.3	0.59	0.06	1.8	0.567	4.97
G004513		750	1.6	211	<0.002	0.16	0.76	23	2	2.6	53	0.7	<0.05	2	0.681	2.18
G004514		780	2.6	105	<0.002	0.1	0.86	28.2	2	2.7	84.5	0.9	<0.05	2.1	0.72	1.4
G004515		720	3.6	147.5	<0.002	0.36	0.77	22.9	2	3.9	95.2	0.62	0.05	1.9	0.566	1.6
G004516		810	3.2	170.5	<0.002	0.45	0.83	26.1	2	5.3	95.5	0.71	0.06	2.3	0.661	1.86
G004517		200	1.6	2.3	<0.002	0.01	<0.05	0.4	2	<0.2	52.2	<0.05	<0.05	<0.2	0.006	0.03
G004518		790	3	150.5	<0.002	1.01	1.25	24	2	3.9	94.7	0.48	0.07	1.9	0.529	1.5
G004519		570	3.2	65.8	<0.002	1.93	1.43	19.9	2	1.7	101.5	0.37	<0.05	1.8	0.369	0.55
G004520		860	3.3	83.5	<0.002	4.97	3.11	24.6	2	2.3	66.2	0.47	<0.05	1.9	0.456	0.71
G004521		30	1.7	6.1	<0.002	0.89	1.52	0.7	3	<0.2	59.7	<0.05	<0.05	0.3	0.013	0.06
G004522		210	1.8	21	<0.002	2.95	1.83	5.5	2	0.4	63.8	0.11	<0.05	0.7	0.102	0.22
G004523		520	5.3	64.9	<0.002	4.26	1.76	17.3	2	1.9	57.2	0.35	0.1	1.4	0.35	0.72
G004524		670	2.7	142.5	<0.002	1.21	0.71	19.1	2	3	83.4	0.47	<0.05	1.6	0.461	1.52
G004525		840	4.7	96.2	<0.002	2.95	1.04	24.2	2	4.2	126.5	0.64	<0.05	2.1	0.575	1.03
G004526		770	3.4	79.5	0.002	8.33	1.87	21.3	2	3.3	47	0.56	0.13	2	0.482	0.85
G004527		<10	3.1	3.7	<0.002	0.15	0.68	0.5	3	1	51.8	<0.05	<0.05	0.3	0.011	0.04
G004528		20	2.5	6	0.004	0.43	0.71	0.4	3	0.3	62	<0.05	0.06	0.2	0.008	0.05
G004529		20	4.7	1.6	<0.002	0.93	0.42	0.1	4	0.2	53.5	<0.05	<0.05	<0.2	<0.005	0.02
G004530		<10	78.9	3.7	<0.002	2.34	0.89	0.3	5	0.5	170	<0.05	<0.05	0.2	<0.005	0.05
G004531		10	2.2	2.7	<0.002	0.17	0.26	0.2	3	0.2	55.4	<0.05	<0.05	0.2	<0.005	0.04
G004532		30	17.6	1.8	<0.002	0.06	0.35	0.1	3	<0.2	42.5	<0.05	<0.05	<0.2	<0.005	0.03
G004533		190	1.6	1.5	<0.002	0.01	0.05	0.3	2	<0.2	52.9	<0.05	<0.05	<0.2	<0.005	<0.02
G004534		10	16.2	4.3	<0.002	0.08	0.29	0.2	3	0.3	53.1	<0.05	<0.05	0.2	<0.005	0.04
G004535		10	3.6	1	<0.002	0.05	0.3	0.1	3	<0.2	49.6	<0.05	<0.05	<0.2	<0.005	0.03
G004536		<10	30.8	2.5	<0.002	0.15	0.44	0.2	3	0.6	58	<0.05	<0.05	0.2	<0.005	0.03
G004537		10	2.6	6.4	0.002	0.37	0.77	0.9	3	0.4	68.7	<0.05	<0.05	0.2	0.013	0.09
G004538		10	5.9	6.7	0.003	0.39	0.69	0.6	3	1.1	70.7	<0.05	<0.05	0.2	0.008	0.08
G004539		500	5	108	<0.002	2.14	44.3	7.3	17	2.4	70	0.4	0.15	1.6	0.297	3.79

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
G004501		0.9	11	66	6.9	36	18.4
G004502		0.8	9	2.1	3.4	28	7.8
G004503		0.3	4	0.3	1.9	19	6.1
G004504		0.3	7	0.4	1.8	59	2.6
G004505		0.4	7	0.4	3	19	10
G004506		1	11	0.5	3.3	18	12.4
G004507		1.1	124	2.2	9.9	16	22.1
G004508		0.9	121	2.7	11.5	33	5.3
G004509		0.5	164	5.4	13.4	39	12.7
G004510		0.4	174	4.3	19.2	34	14.5
G004511		0.3	169	3.2	17.4	43	12.3
G004512		0.3	165	2.4	15.6	46	25.9
G004513		0.4	161	0.6	15.1	60	21
G004514		0.3	164	0.5	16.6	59	17.7
G004515		0.3	150	0.7	14.2	52	21.2
G004516		0.3	169	1.2	16.3	48	24.1
G004517		1.1	2	0.1	1	17	0.6
G004518		0.3	143	0.8	15.2	41	24.4
G004519		0.4	125	1.2	14.9	28	21
G004520		0.7	167	2.7	11.4	20	28.5
G004521		0.4	12	0.3	4.7	7	2.7
G004522		0.4	42	0.6	6.7	11	7.6
G004523		0.7	115	1.9	13.1	35	12.5
G004524		0.3	127	1.5	15.5	42	12.2
G004525		0.3	164	2.8	15.8	42	13.4
G004526		0.7	144	3.9	14.1	29	13.8
G004527		0.3	5	0.4	1.4	5	2.3
G004528		0.4	6	0.8	1.5	5	1.5
G004529		0.2	3	0.4	2	29	<0.5
G004530		0.3	7	0.7	2.4	203	1.5
G004531		0.2	8	0.6	4	7	0.9
G004532		0.2	5	1.7	3.4	94	0.7
G004533		0.6	1	0.1	1	19	<0.5
G004534		0.4	6	0.5	3.3	70	1.4
G004535		0.6	6	0.4	1.8	21	0.7
G004536		0.3	8	0.6	2.7	109	1
G004537		0.5	7	0.9	2	9	2.8
G004538		0.4	7	1.1	3.6	25	2.6
G004539		0.8	54	9.4	10.9	42	66.7

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

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

Project: RAU

Finalized Date: 26-JUL-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08092934

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

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

Finalized Date: 1-AUG-2008
Account: RCM

CERTIFICATE VA08091329

Project: RAU

P.O. No.: RAU-08-02

This report is for 74 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 4-JUL-2008.

The following have access to data associated with this certificate:

AL ARCHER BILL WENGZYNOWSKI	DOUG EATON	JOAN MARIACHER

SAMPLE PREPARATION

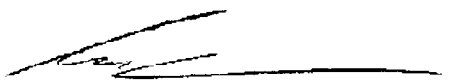
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	
ME-MS61	48 element four acid ICP-MS	
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM

To: **ATAC RESOURCES LTD.**
ATTN: AL ARCHER
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.

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Project: RAU

Finalized Date: 1-AUG-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08091329

Sample Description	Method	WEI-21	Au-ICP21	Au-ICP21	Au-GRA21	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Au Check	Au	Ag	Al	As	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	0.001	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1
G004540		1.90	0.008			0.06	0.14	30	100	0.24	0.31	18.55	0.25	2.78	0.7	4
G004541		0.16	>10.0		14.30	8.55	3.47	452	690	0.97	0.06	0.2	0.08	18.05	8.6	31
G004542		1.50	0.115			0.74	0.72	767	190	0.59	5.58	14.9	30.8	30.6	8.3	10
G004543		2.28	0.030			0.26	0.32	100	150	0.37	4.36	17.35	0.92	6.75	2.5	8
G004544		2.02	0.071			0.5	0.37	36	170	0.31	5.69	17.65	1.8	5.8	1.7	12
G004545		2.62	0.437			6.8	0.44	389	40	0.37	38.1	0.32	12.6	2.27	4.2	13
G004546		2.10	0.095			0.34	1.62	18	330	0.8	9.96	16.25	0.23	7.99	2.2	41
G004547		1.94	0.031			0.11	1.1	60	350	0.49	0.57	28.4	0.61	15.05	4	20
G004548		2.24	0.011			0.18	2.36	22	470	0.86	0.31	16.6	0.09	29.3	5.2	26
G004549		1.96	0.020			0.09	1.81	27	490	0.72	0.29	21.8	0.06	28.7	4.8	20
G004550		2.26	0.011			0.05	0.86	31	120	0.44	7.29	17.8	0.08	8.63	2.3	17
G004551		1.76	0.024			0.12	0.6	54	40	0.29	8.9	17.35	0.07	8.21	3.8	13
G004552		2.10	0.015			0.08	0.74	32	40	0.31	7.3	17.6	0.05	7.89	2.5	11
G004553		2.18	0.014			0.08	0.82	137	40	0.31	7.89	17.6	0.06	8.71	4.6	13
G004554		2.06	0.038			0.08	0.77	17	270	0.38	5.56	17.35	0.02	11.9	4	8
G004555		1.94	0.024			0.06	1.19	27	690	0.63	4.04	17.35	0.03	11.2	8.9	20
G004556		2.38	0.019			0.08	5.52	72.2	770	1.24	2.24	8.88	0.02	38.9	36.4	153
G004557		1.92	0.009			0.13	7.98	28.4	360	1.69	1.19	3.96	0.03	79.5	50.1	217
G004558		2.28	0.025			0.09	7.44	369	1590	2.55	6.53	2.79	0.02	101.5	37	128
G004559		0.86	0.009			0.01	0.14	<5	50	0.15	0.09	18.65	0.07	1.92	1.3	3
G004560		2.26	0.069			0.1	7.53	180.5	970	2.4	3.39	5.75	<0.02	92.9	22.9	197
G004561		0.16	>10.0		14.80	8.26	3.5	454	690	0.88	0.15	0.19	0.08	18.2	8.3	29
G004562		2.52	0.125			0.22	6.88	726	1540	2.17	13.7	1.9	<0.02	68.8	51.9	233
G004563		3.94	0.014			0.17	6.25	195.5	940	1.71	2.74	6.77	0.14	61.3	40.6	231
G004564		4.68	0.029			0.12	7.3	62.1	200	2.14	2.17	2.05	0.04	99.6	38.6	167
G004565		4.50	0.041			0.18	8.6	52.2	150	3.68	3.04	1.69	<0.02	147	14.2	144
G004566		2.82	0.032			0.1	7.3	41.4	1450	2.1	2.62	4.22	0.03	122.5	11.5	56
G004567		4.50	0.190			0.18	2.99	228	380	0.9	23.7	12.75	0.05	36.9	4.4	28
G004568		4.26	4.41			0.33	2.78	>10000	200	0.4	157.5	8.34	0.05	42.2	4	23
G004569		0.86	0.016			0.02	0.11	56	20	0.13	0.39	18.55	0.07	1.7	1.2	1
G004570		2.46	0.665	0.811		0.17	0.92	5460	180	0.23	213	10.15	1.82	8.61	2.8	8
G004571		4.10	1.120			0.15	0.54	>10000	80	0.22	305	12.05	0.03	17.25	1.8	4
G004572		2.96	0.418	0.274		0.11	1.75	1675	220	0.75	999	8.66	0.03	14.4	1.9	10
G004573		3.44	7.62	6.84		0.09	0.42	>10000	80	0.14	173.5	8.03	0.02	14.7	0.9	5
G004574		4.34	0.617	0.560		0.09	0.23	6150	50	0.12	213	14.25	0.1	47.2	0.6	2
G004575		4.74	0.682			0.09	0.29	8550	20	0.17	247	10.65	0.03	13.65	1	4
G004576		4.48	0.276			0.07	0.18	2750	10	0.11	241	9.78	0.03	21	0.8	5
G004577		4.20	0.135			0.06	0.13	4250	40	0.1	178	15.6	0.05	45.1	0.6	2
G004578		4.32	1.545			0.06	0.54	5650	110	0.13	448	12.8	0.03	28.6	1	5
G004579		4.32	0.314			0.06	0.1	3640	80	0.06	229	13.75	0.05	40.2	0.8	2

Comments: Additional Au-ICP21 result for sample G004570 is 0.836ppm, sample G004572 is 0.248 and 0.288ppm, sample G004580 is 0.775ppm, sample G004590 is 0.282 and 0.368ppm.

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

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: RAU

Finalized Date: 1-AUG-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08091329

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	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1
G004540		0.21	2.1	0.59	0.66	0.05	0.1	0.173	0.06	1.8	1.8	11.25	1115	0.32	0.01	0.3
G004541		5.74	46.5	2.92	7.65	0.14	2.1	0.034	2.86	8.8	50.3	0.17	135	5.94	0.07	6.6
G004542		0.43	23.2	16.1	5.4	0.15	0.4	19.45	0.25	17.2	5.1	0.36	24000	1.83	0.01	0.8
G004543		0.51	4.3	1.54	1.64	0.05	0.2	0.047	0.11	3.9	2.9	10.55	1165	0.87	0.01	1.3
G004544		0.79	2.5	1.36	1.35	0.05	0.2	0.095	0.17	3.4	1.8	10.25	1510	0.54	0.01	1.7
G004545		1.15	9.1	31.7	4.98	0.26	0.3	11.75	0.2	1.3	1.8	3.03	39700	0.47	0.01	1.3
G004546		2.95	4.6	1.94	7.91	0.07	0.6	0.094	0.77	3.9	5.3	9.73	2260	0.5	0.02	5.5
G004547		0.77	7.1	1.54	2.76	0.06	0.6	0.04	0.52	9	3.9	2	489	0.55	0.01	6.3
G004548		2.24	4.6	1.59	6.15	0.07	1.2	0.063	1.17	16.8	9.7	8.24	426	0.6	0.02	15.9
G004549		1.28	6.5	1.34	4.89	0.06	1	0.032	0.85	16	6.7	4.32	416	0.82	0.02	10
G004550		7.03	2.7	1.79	4.1	0.06	0.5	0.042	0.58	3.7	8.1	10.4	1680	0.4	0.02	3.1
G004551		3.06	2.2	3.02	2.72	0.07	0.3	0.078	0.28	3.3	5.7	10.35	2030	0.33	0.03	2.1
G004552		3.9	2	1.93	3.5	0.05	0.4	0.046	0.33	3.4	5.4	10.45	1545	0.26	0.04	2.5
G004553		7.68	2.5	3.1	5.27	0.07	0.4	0.05	0.56	3.9	7.3	9.95	1360	0.34	0.03	2.7
G004554		7.25	2.5	1.43	2.99	0.05	0.5	0.014	0.56	6.5	10	10.6	808	0.45	0.01	4.1
G004555		9.84	7.1	1.99	4.46	0.05	0.8	0.015	0.81	5.9	11.9	9.8	1105	0.49	0.01	6.7
G004556		21.2	46.2	6.4	15.1	0.14	1.3	0.046	3.11	17.7	27.5	4.84	625	0.78	0.05	16.7
G004557		17.4	56.5	4.7	24.2	0.17	1	0.077	4.73	38.8	42	2.3	314	1.38	0.08	47.2
G004558		16.4	23.8	5.6	25.1	0.18	1.3	0.056	3.84	50.2	44.7	2.14	208	0.51	0.1	34.6
G004559		0.28	3.9	0.49	0.35	<0.05	<0.1	0.005	0.07	1	1	12	200	0.22	<0.01	0.8
G004560		18.2	22.2	3.95	27.2	0.17	1.4	0.047	4.25	48.8	40	2.36	356	0.26	0.16	39.1
G004561		5.76	45.6	2.95	7.65	0.14	2.2	0.035	2.84	8.9	50.7	0.17	140	5.78	0.07	6.6
G004562		16	13.9	9.25	24.2	0.19	3.5	0.041	3.83	34.9	38.2	2.3	134	0.48	0.16	24.9
G004563		29.5	84.7	6.22	17.35	0.16	2.2	0.038	4.13	31	39.4	3.38	762	0.6	0.11	30.8
G004564		6.6	37.2	9.34	22.3	0.22	1	0.079	3.83	48.3	44	1.06	203	1.1	0.07	44.4
G004565		7.23	25.8	7.27	29.8	0.24	1.4	0.095	4.62	66.8	56.4	1	114	0.83	0.08	114.5
G004566		17.65	11.9	5.97	21.8	0.2	2.2	0.06	3.81	63.7	35.2	2.07	221	2.15	0.06	70.9
G004567		14.35	11.3	5.45	14.25	0.12	1.6	0.057	1.76	20.9	19.1	6.93	1710	0.43	0.03	24.6
G004568		5.55	10.3	14	8.9	0.16	2.1	0.07	1.45	25.1	16.5	4.35	1145	<0.05	0.03	20.5
G004569		0.23	1.7	0.42	0.35	<0.05	0.1	<0.005	0.05	0.8	1.3	11.75	171	0.2	<0.01	0.7
G004570		6.85	8.8	16	5.31	0.16	0.5	0.259	0.66	4.4	6.6	5.46	1040	0.25	0.01	4.5
G004571		5.24	8.6	14.5	3.12	0.14	0.4	0.038	0.44	9.6	5.5	6.75	898	0.1	0.01	2.6
G004572		3.15	7.1	13.95	7.94	0.29	1.6	0.022	1.15	7.8	8.4	5.04	920	<0.05	0.02	14.4
G004573		3.79	3.4	20.4	2.82	0.18	0.3	0.074	0.33	8	3.9	3.96	1300	0.11	<0.01	1.8
G004574		2.49	1.9	12.9	1.53	0.12	0.2	0.051	0.19	28.7	3	7.46	2050	0.05	0.01	1.2
G004575		2.93	1.8	15.25	1.96	0.12	0.2	0.045	0.22	7.4	2.4	6.03	1460	0.05	0.01	1.9
G004576		2.02	2.1	13.8	1.39	0.12	0.1	0.024	0.15	12.2	1.8	5.41	978	0.12	0.01	0.6
G004577		1.49	6	9.23	1.1	0.13	0.1	0.046	0.1	27.9	2.8	8.71	1660	0.11	0.01	0.4
G004578		1.56	4.1	12	3.63	0.19	0.4	0.059	0.21	16.9	2.8	7.06	1950	0.08	0.02	1.3
G004579		1.1	2.7	13.05	0.93	0.2	0.1	0.072	0.07	24.1	1.8	7.15	2200	0.07	<0.01	0.6

Comments: Additional Au-ICP21 result for sample G004570 is 0.836ppm, sample G004572 is 0.248 and 0.288ppm, sample G004580 is 0.775ppm, sample G004590 is 0.282 and 0.368ppm.

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Finalized Date: 1-AUG-2008
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CERTIFICATE OF ANALYSIS VA08091329

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005
G004540		2.6	10	4.2	6.3	<0.002	0.02	0.45	0.5	2	1.9	41.7	<0.05	0.05	0.2	0.007
G004541		16.2	480	5.4	96.7	0.003	2.02	43.1	7.7	16	2.5	70.3	0.41	0.2	1.6	0.283
G004542		35.2	40	58.8	22.8	<0.002	1.3	3.89	1.3	3	24.6	26.5	0.06	0.07	0.6	0.023
G004543		8.4	30	26.7	8.8	<0.002	0.1	4.14	1.4	2	0.7	60.5	0.07	0.07	0.4	0.025
G004544		5.9	20	58.3	18.2	<0.002	0.31	1.12	1.9	2	2.8	45.6	0.1	<0.05	0.6	0.039
G004545		16.4	40	232	25.4	0.002	>10.0	3.14	1.4	10	18.7	3.8	0.08	0.29	0.3	0.03
G004546		9	30	23.8	56.1	0.002	0.99	1.83	4.5	2	5.1	76.4	0.3	0.09	0.8	0.143
G004547		13.2	60	3.2	15.2	<0.002	1.24	2.49	3.1	2	0.7	218	0.34	<0.05	1.3	0.111
G004548		14.7	160	6	37.3	0.002	1.6	3.08	4.9	2	1	83.8	0.89	0.06	3.5	0.231
G004549		13.7	130	3.4	26.8	<0.002	1.4	1.59	3.9	2	0.8	167.5	0.56	<0.05	2.8	0.141
G004550		8.6	30	3	81.5	<0.002	0.82	0.79	2.6	2	1	72.9	0.17	0.07	1.2	0.073
G004551		13.6	60	4	46.5	<0.002	2.01	0.86	3.7	2	0.7	97.1	0.11	0.12	0.5	0.047
G004552		9.2	30	2.9	69.6	<0.002	1.15	0.55	2.7	1	1	79.1	0.14	0.1	0.6	0.057
G004553		14.1	100	3.3	109.5	<0.002	2.78	0.56	3.5	2	0.9	79.7	0.14	0.1	0.5	0.065
G004554		11.5	140	2.5	40.8	<0.002	1.36	0.39	1.5	2	0.4	61.7	0.25	0.06	1.2	0.066
G004555		21.8	170	1.4	49.9	<0.002	1.88	0.44	3.2	2	0.6	95.6	0.37	<0.05	1.5	0.119
G004556		114.5	1220	1.3	182.5	<0.002	7.12	0.96	18.7	1	2.1	77.4	1.02	<0.05	3.1	0.565
G004557		161	2170	1.1	176	<0.002	3.49	0.87	22.9	2	3.7	55	2.6	0.09	6.6	0.792
G004558		183.5	4400	1.4	191.5	<0.002	4.42	0.73	20.1	2	6.9	56.3	1.88	0.18	9.1	0.553
G004559		3.6	160	1.3	3.5	<0.002	0.08	0.07	0.6	1	<0.2	43.3	0.07	<0.05	0.2	0.013
G004560		149.5	3840	1.5	244	<0.002	2.88	0.63	26.2	2	16.5	79.7	1.97	0.11	7.6	0.658
G004561		15.8	500	4.9	96.2	<0.002	2.03	43.4	7.5	16	2.5	69.9	0.43	0.14	1.6	0.281
G004562		234	3130	10.3	237	<0.002	9.6	0.78	22.5	2	10.6	53.5	1.25	0.21	7.7	0.457
G004563		233	1720	6.2	365	<0.002	4.71	0.64	18.7	1	5.8	90.5	1.67	0.09	7.1	0.632
G004564		135.5	1850	4	100	<0.002	>10.0	1.22	16.1	2	3	38.9	2.47	0.05	7.9	0.442
G004565		47.1	2030	2.1	111	<0.002	8.11	1.04	15.7	2	4.6	34.9	6.14	0.05	13.5	0.563
G004566		33.3	1680	1.6	144	<0.002	6.58	0.87	10.1	2	4	38.9	3.77	0.07	12.2	0.596
G004567		20.2	620	3.6	122	0.002	4.67	3.09	4.3	2	2.9	74.9	1.37	0.11	5.5	0.238
G004568		10.9	760	35.7	60.7	<0.002	>10.0	16.55	4	6	2.8	47.9	1.11	0.47	4.6	0.198
G004569		2.4	220	1.4	2.2	<0.002	0.05	0.16	0.4	1	<0.2	43.7	0.05	<0.05	0.2	0.007
G004570		11.1	120	13.3	62.9	0.002	>10.0	8.17	1.3	2	1.4	54.7	0.27	0.14	0.6	0.049
G004571		7.7	240	3.5	54.3	<0.002	>10.0	13.15	1	3	0.7	59.6	0.15	0.45	1	0.029
G004572		10.8	300	10.7	68	<0.002	>10.0	31	2.8	4	2.6	60.7	0.93	0.48	2.1	0.102
G004573		4.4	390	2.4	36.9	<0.002	>10.0	10.25	0.9	4	0.7	53.2	0.11	0.31	0.5	0.031
G004574		1.8	320	3.4	27	<0.002	>10.0	3.59	0.9	3	0.4	85.1	0.07	0.28	0.6	0.022
G004575		3.8	130	3.4	46.6	<0.002	>10.0	4.47	0.8	4	0.5	67.1	0.11	0.32	0.3	0.026
G004576		3	80	3.1	29.1	0.002	>10.0	3.49	0.5	5	0.3	50.3	<0.05	0.27	0.2	0.008
G004577		<0.2	80	3.3	12.5	0.005	7.61	3.2	0.6	4	0.3	76.7	<0.05	0.21	<0.2	0.005
G004578		2.6	180	3.6	21.1	0.003	>10.0	5.56	1.2	4	1.1	83.2	0.06	0.37	0.3	0.028
G004579		<0.2	100	3.6	10.8	0.004	>10.0	3.23	0.7	4	0.2	87.7	<0.05	0.26	<0.2	0.007

Comments: Additional Au-ICP21 result for sample G004570 is 0.836ppm, sample G004572 is 0.248 and 0.288ppm, sample G004580 is 0.775ppm, sample G004590 is 0.282 and 0.368ppm.

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

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

Project: RAU

Finalized Date: 1-AUG-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08091329

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.1	1	0.1	0.1	2	0.5
G004540		0.06	0.2	8	0.6	1.7	74	2
G004541		4.2	0.7	53	8.8	10.6	42	70.8
G004542		0.19	1.6	17	1.9	15.7	6550	11.5
G004543		0.15	0.3	8	1.4	5.4	307	5.9
G004544		0.17	0.3	7	1.6	4.8	540	7
G004545		0.23	0.6	13	2.5	3.5	2120	11.5
G004546		0.54	0.4	31	4.3	6.3	59	21.2
G004547		0.22	1.2	18	0.8	7.3	220	20.9
G004548		0.46	0.8	26	0.7	9.4	28	46.7
G004549		0.28	0.7	19	0.7	9.8	14	35.3
G004550		0.54	0.7	14	1.3	6	22	18
G004551		0.26	0.4	13	1	6.5	25	11.3
G004552		0.32	0.6	13	0.8	6.1	18	14.8
G004553		0.53	0.5	15	0.8	7.3	20	17
G004554		0.49	0.8	11	0.8	5	9	20.3
G004555		0.56	0.9	23	1.5	6.7	12	29.1
G004556		1.34	0.7	161	2	13.6	23	39.8
G004557		1.37	0.4	209	2.1	19.1	33	36.6
G004558		1.2	0.8	85	2.7	21.2	17	41.6
G004559		0.02	0.7	5	0.1	1	18	3.2
G004560		1.39	0.8	90	7.1	22.5	18	44.6
G004561		4.07	0.7	52	8.7	10.9	42	72.4
G004562		1.31	1.2	88	3.3	15.8	15	121
G004563		2.03	0.8	152	2.1	17.8	55	75.2
G004564		0.83	0.5	108	2.6	16.7	24	39.6
G004565		0.79	0.5	121	5.4	25.8	20	48.7
G004566		1.13	0.8	88	5.3	22.6	23	78
G004567		0.92	1.4	42	331	14.4	15	56.5
G004568		0.34	0.9	32	32.5	9.8	12	50.2
G004569		<0.02	0.5	3	0.6	1.1	17	1.6
G004570		0.43	0.6	15	154	6.3	265	20.7
G004571		0.28	0.4	10	14.1	6	9	12.4
G004572		0.21	1.2	24	11.4	6.1	11	50.2
G004573		0.3	0.5	9	57	5.2	7	9.6
G004574		0.18	0.5	7	81.6	7.7	15	6.7
G004575		0.24	0.3	8	127.5	5.8	9	7.6
G004576		0.17	0.4	7	153	5.5	8	3.5
G004577		0.13	0.5	6	412	6.7	11	3.3
G004578		0.14	0.8	13	258	7.2	10	13.8
G004579		0.1	0.5	6	344	8	11	3.5

Comments: Additional Au-ICP21 result for sample G004570 is 0.836ppm, sample G004572 is 0.248 and 0.288ppm, sample G004580 is 0.775ppm, sample G004590 is 0.282 and 0.368ppm.

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Project: RAU

Finalized Date: 1-AUG-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08091329

Sample Description	Method	WEI-21	Au-ICP21	Au-ICP21	Au-GRA21	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Au Check	Au	Ag	Al	As	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	0.001	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1
G004580		4.20	1.160	0.750		0.04	0.18	2080	10	0.06	175.5	14.75	0.05	20.3	0.9	2
G004581		0.16	>10.0		NSS	7.9	3.46	379	710	0.86	0.13	0.17	0.07	17.45	7.9	30
G004582		4.52	0.695			0.09	0.13	5040	20	0.21	900	12.55	0.03	71.9	0.9	2
G004583		3.38	0.475			0.11	0.09	3830	50	0.08	1780	14.25	0.08	84.4	0.9	1
G004584		3.38	1.130			0.15	0.2	>10000	50	0.06	245	11.3	0.04	82.1	0.9	2
G004585		1.12	0.012			0.01	0.06	110	30	0.07	25.1	19.55	0.07	2.6	1.1	2
G004586		4.80	1.040			0.1	0.04	>10000	20	0.05	263	11.35	0.04	37.1	0.6	1
G004587		4.36	0.311			0.09	0.35	2680	90	0.12	449	13.45	0.05	72.4	1.4	1
G004588		4.42	0.387			0.13	0.34	6060	70	0.2	2500	13.7	0.04	28	1.6	2
G004589		3.88	0.269			0.55	0.07	4580	10	0.52	1415	12.3	0.05	76	1	1
G004590		4.34	0.986	0.368		0.06	0.06	5830	20	<0.05	82	16.25	0.18	12.4	0.6	1
G004591		4.34	1.230			0.06	0.05	>10000	10	<0.05	283	15.45	0.05	52.2	0.8	1
G004592		4.64	1.000			0.26	0.03	2940	10	0.4	1070	14.75	<0.02	92.9	0.6	<1
G004593		4.20	0.170			0.06	0.12	4890	10	0.05	229	15.7	0.06	9.05	0.9	2
G004594		3.18	0.138			0.07	0.26	1060	20	0.08	189	17.2	0.07	12.95	0.9	3
G004595		4.18	0.262			0.07	0.28	1845	20	0.18	277	16.45	0.1	15.05	0.7	2
G004596		4.56	1.380			0.06	0.2	3130	20	0.07	288	15.05	0.07	11.4	0.9	2
G004597		4.66	2.15			0.27	0.08	>10000	10	0.05	137.5	15.95	0.1	30.1	0.7	1
G004598		4.70	3.76			0.11	0.09	>10000	30	<0.05	195.5	14.65	0.05	5.51	0.7	1
G004599		5.10	0.782			0.04	0.05	>10000	10	<0.05	156.5	15.2	0.08	7.36	0.8	2
G004600		0.78	0.008			0.01	0.05	38	20	0.05	1.78	19.3	0.06	1.06	0.9	1
G004601		4.66	2.25			0.13	0.07	6520	10	0.08	173	15.15	0.06	8.43	0.5	<1
G004602		0.16	>10.0		NSS	11.75	3.54	396	740	1.18	0.38	0.18	0.09	18.05	8.1	31
G004603		4.34	0.553			0.11	0.07	6510	10	0.12	314	15.35	0.07	11.6	0.4	<1
G004604		4.34	5.30			0.12	0.05	>10000	10	0.08	190	15	0.06	37	0.6	2
G004605		4.32	0.160			0.08	0.05	4770	10	0.08	63.7	17.05	0.08	8.92	0.6	<1
G004606		4.54	0.825			0.07	0.05	7570	10	0.08	113	16	0.07	9.69	0.8	<1
G004607		4.42	0.235			0.17	0.08	>10000	10	0.05	105.5	15.6	0.06	7.16	1.5	1
G004608		3.58	0.850			0.09	0.6	9120	30	0.25	162.5	15.8	0.06	14.45	3.2	5
G004609		2.28	0.079			0.03	0.46	176	140	0.25	331	25.6	0.06	8.17	9.9	4
G004610		2.18	0.018			0.1	6.15	101.5	1740	2.2	5.36	9.77	0.12	95.1	27.4	43
G004611		2.08	0.019			0.11	3.69	167	670	0.97	4.15	20.5	0.13	60.6	49.5	25
G004612		2.08	0.003			0.14	3.72	78	570	0.85	0.4	20.7	0.4	56.5	44.5	24
G004613		1.94	0.005			0.6	6.36	25	850	1.52	3.1	12.3	0.98	90.8	40.6	44

Comments: Additional Au-ICP21 result for sample G004570 is 0.836ppm, sample G004572 is 0.248 and 0.288ppm, sample G004580 is 0.775ppm, sample G004590 is 0.282 and 0.368ppm.

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Project: RAU

Finalized Date: 1-AUG-2008
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CERTIFICATE OF ANALYSIS VA08091329

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	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1
G004580		2.02	1.9	10.55	1.39	0.15	0.2	0.045	0.14	11.2	2.4	8.07	1990	0.05	0.01	1.2
G004581		5.4	45.2	3.07	7.16	0.12	1.6	0.027	2.9	8.6	50.4	0.17	138	5.48	0.08	6.2
G004582		0.94	2.5	13.9	1.31	0.24	0.1	0.023	0.08	45	2.1	6.63	1825	<0.05	0.01	0.8
G004583		0.85	4.4	12.45	1.13	0.31	0.1	0.096	0.06	52.6	2.4	7.21	2110	0.06	<0.01	0.6
G004584		1.92	6.8	17.4	1.73	0.27	0.2	0.103	0.14	52.9	1.9	5.92	1555	0.13	<0.01	1.1
G004585		0.16	1.7	0.66	0.26	0.05	<0.1	<0.005	0.02	1.4	1.2	12.1	228	0.4	<0.01	0.2
G004586		0.43	3.3	16.3	0.54	0.22	0.1	0.096	0.02	22.5	1.4	6.13	1750	0.08	<0.01	0.3
G004587		1.1	3.8	12.85	1.91	0.23	0.5	0.042	0.18	44.9	3.1	6.94	1875	0.09	0.01	6
G004588		1.68	5.8	11.4	2.24	0.24	0.6	0.033	0.2	16.2	3.5	8	1860	<0.05	0.01	5.4
G004589		0.82	10.7	9.93	1.17	0.29	<0.1	0.03	0.05	49.6	2.2	6.99	1860	1.08	0.01	0.6
G004590		0.5	2.2	8.85	0.6	0.12	0.1	0.063	0.03	6.2	2.1	8.76	2870	<0.05	0.01	0.3
G004591		0.35	3.1	9.95	0.63	0.16	0.1	0.076	0.02	32	1.9	8.16	2750	0.07	0.01	0.3
G004592		0.37	6.3	11.2	0.77	0.23	<0.1	0.056	0.01	57.6	2.1	8.16	2730	0.47	0.01	0.3
G004593		1.57	2.7	8.88	1.21	0.13	0.1	0.062	0.09	3.6	2.4	8.4	2640	<0.05	0.01	0.5
G004594		2.09	2.3	7.05	2.02	0.1	0.2	0.058	0.15	5.4	2.8	8.69	3370	0.05	0.01	1
G004595		2.99	3.1	7.75	2.09	0.09	0.1	0.06	0.22	7.5	3.1	8.63	3340	0.12	0.01	1.3
G004596		1.83	2.8	11.3	1.67	0.15	0.2	0.064	0.13	5.1	2.5	7.77	3020	0.07	0.01	0.9
G004597		0.49	2.3	9.51	0.87	0.13	0.1	0.102	0.04	17.8	2.3	8.44	3230	0.07	0.01	0.4
G004598		0.52	2.1	11.6	0.79	0.14	0.1	0.084	0.05	2.1	1.8	7.96	2850	0.1	0.01	0.4
G004599		0.32	2	9.92	0.53	0.14	<0.1	0.098	0.02	3	1.7	8.22	2860	0.06	<0.01	0.3
G004600		0.13	1.5	0.47	0.25	0.05	<0.1	<0.005	0.02	0.5	1	11.95	212	0.05	<0.01	0.2
G004601		0.52	3.2	10.5	0.52	0.09	<0.1	0.073	0.04	3.8	2	8.23	3190	0.15	0.01	0.4
G004602		5.61	44.3	3.12	7.24	0.13	1.7	0.042	2.98	8.9	52.5	0.17	142	5.64	0.08	6.4
G004603		0.44	3.1	10.45	0.52	0.1	<0.1	0.063	0.04	5.7	2.1	8.25	3300	0.09	0.01	0.3
G004604		0.39	4	10.1	0.52	0.11	<0.1	0.07	0.03	21.3	1.9	8.09	3150	0.08	0.01	0.4
G004605		0.36	3.5	7.41	0.4	0.08	<0.1	0.068	0.02	3.5	2	9.04	3340	0.1	0.01	0.2
G004606		0.36	3.8	9.09	0.48	0.1	<0.1	0.064	0.02	4	1.9	8.69	3180	0.09	0.01	0.2
G004607		0.5	2.1	9.7	0.84	0.15	0.1	0.093	0.04	2.6	2	8.32	3120	0.06	0.01	0.3
G004608		7.7	15.1	8.43	4.5	0.1	0.3	0.078	0.48	6.7	5.2	8.08	5120	0.14	0.01	2.7
G004609		3.84	22.3	6.1	2.12	0.08	0.1	0.076	0.33	4.1	3.9	1.97	3150	0.2	0.01	2.4
G004610		23.2	11	7.32	21.2	0.16	0.6	0.088	3.29	46.2	34.7	1.83	947	0.21	0.06	48.2
G004611		7.66	23.6	4.44	11.25	0.12	0.8	0.056	1.91	30.4	16.2	1.12	1070	0.29	0.1	33.2
G004612		4.35	24.3	4.89	11.5	0.11	0.4	0.057	1.8	28.2	9.2	1.08	1005	0.12	0.08	34.1
G004613		5.42	48.9	6.27	19.75	0.15	0.5	0.141	3.13	45	10.3	1.78	671	0.16	0.12	56

Comments: Additional Au-ICP21 result for sample G004570 is 0.836ppm, sample G004572 is 0.248 and 0.288ppm, sample G004580 is 0.775ppm, sample G004590 is 0.282 and 0.368ppm.

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

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EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
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North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Project: RAU

Finalized Date: 1-AUG-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08091329

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005
G004580		1	70	3.3	31.4	0.008	>10.0	2.59	0.7	3	0.3	77.1	0.07	0.2	0.3	0.01
G004581		14.9	530	5.8	109	<0.002	2.1	40.8	7.1	15	2.3	68.9	0.42	0.3	1.5	0.284
G004582		5	110	45.7	12.2	<0.002	>10.0	8.45	1.2	3	0.6	76	<0.05	0.51	0.5	0.009
G004583		2.5	80	45.6	8.4	<0.002	>10.0	17.45	1.3	6	0.6	93.7	<0.05	0.91	0.5	0.006
G004584		2.6	140	3.7	19.2	0.004	>10.0	9.62	0.7	5	0.5	68.1	0.06	0.55	0.4	0.016
G004585		<0.2	160	2.2	1.2	<0.002	0.3	0.33	0.5	3	<0.2	48.9	<0.05	<0.05	<0.2	<0.005
G004586		0.5	90	3.2	3.5	<0.002	>10.0	9.09	0.5	5	0.2	73.8	<0.05	0.77	0.3	<0.005
G004587		3.4	140	3.8	15	<0.002	>10.0	6.36	0.8	4	0.7	80.1	0.37	0.37	1.6	0.024
G004588		3.2	140	14.1	26.5	<0.002	>10.0	23.4	1.2	7	1.1	77	0.39	1.67	0.8	0.025
G004589		6.7	110	10.2	8.8	<0.002	10	13.8	<0.1	6	0.9	76.9	0.06	0.96	0.4	0.005
G004590		<0.2	110	3.4	4.4	<0.002	7.96	2.05	0.5	3	0.2	100	<0.05	0.19	<0.2	<0.005
G004591		0.7	100	3.8	2.5	0.003	8.71	5.75	0.5	3	0.3	92.2	<0.05	0.3	<0.2	<0.005
G004592		4.7	120	7.6	2.4	0.008	>10.0	13.3	<0.1	5	1.4	102.5	<0.05	1	0.3	<0.005
G004593		<0.2	230	3.6	19.8	<0.002	8.08	3.02	0.6	3	0.3	95.4	<0.05	0.25	<0.2	0.011
G004594		<0.2	330	4.8	29.6	<0.002	5.29	2.42	1	3	0.6	94	0.06	0.16	<0.2	0.023
G004595		2.3	450	5.3	39.4	<0.002	6.06	3.58	1	3	0.7	101.5	0.07	0.24	0.2	0.029
G004596		<0.2	180	4.3	19.1	<0.002	>10.0	4.72	0.7	3	0.6	89.1	0.05	0.25	<0.2	0.016
G004597		<0.2	130	5	5	0.005	8.03	5	0.4	3	0.5	105.5	<0.05	0.29	<0.2	0.006
G004598		<0.2	120	3.4	4.8	<0.002	>10.0	5.15	0.3	3	0.2	92.3	<0.05	0.27	<0.2	0.006
G004599		<0.2	130	3.8	2.4	<0.002	8.52	5.71	0.3	3	0.2	101.5	<0.05	0.33	<0.2	<0.005
G004600		<0.2	230	1.7	1	<0.002	0.07	0.05	0.4	3	<0.2	41.7	<0.05	<0.05	<0.2	<0.005
G004601		0.5	140	3.4	4.4	<0.002	9.6	3.64	0.4	3	0.3	107.5	<0.05	0.25	0.2	0.006
G004602		14.2	540	5.5	112	<0.002	2.15	42.9	7.2	16	2.4	70.9	0.43	0.12	1.6	0.29
G004603		1	100	3.9	3.6	<0.002	9.35	4.83	0.4	3	0.3	104	<0.05	0.32	<0.2	0.006
G004604		2.2	110	3.4	3.6	<0.002	8.61	5.74	0.4	2	0.2	106	<0.05	0.22	0.2	0.005
G004605		<0.2	140	3.5	3.8	<0.002	5.98	2.01	0.4	3	0.4	101.5	<0.05	0.13	<0.2	<0.005
G004606		1.2	150	3.1	3.9	<0.002	8.08	3.14	0.4	3	0.3	96.2	<0.05	0.29	<0.2	<0.005
G004607		<0.2	160	4.5	6.7	<0.002	9.26	3.77	0.6	3	0.7	93.2	<0.05	0.2	<0.2	0.005
G004608		11	280	4.1	84	<0.002	5.2	2.9	1.3	2	1.9	110	0.15	0.18	0.2	0.081
G004609		18.5	410	3	17.2	<0.002	0.86	1.41	0.9	1	1	179	0.13	0.13	0.2	0.088
G004610		78.6	1640	2.5	165.5	<0.002	0.16	1.72	12.7	2	4	98.7	2.66	<0.05	4.1	1.53
G004611		60.8	2380	3.8	62.9	<0.002	0.11	0.15	7.8	2	1.3	157	1.83	<0.05	2.6	0.966
G004612		76.5	1880	8.7	50.9	<0.002	0.05	0.12	7.8	1	1.3	153.5	1.84	<0.05	2.4	0.975
G004613		100.5	1390	15.8	83.6	<0.002	0.02	0.46	13.4	1	2.3	124	3.06	<0.05	3.9	1.685

Comments: Additional Au-ICP21 result for sample G004570 is 0.836ppm, sample G004572 is 0.248 and 0.288ppm, sample G004580 is 0.775ppm, sample G004590 is 0.282 and 0.368ppm.

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: RAU

CERTIFICATE OF ANALYSIS VA08091329

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Tl ppm 0.02	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
G004580		0.2	0.4	6	570	6.8	11	5.3
G004581		3.88	0.7	55	9.8	9.9	43	65.1
G004582		0.08	1	7	290	8.9	11	4.6
G004583		0.11	1.1	7	520	11.3	12	3.3
G004584		0.17	1.3	7	315	8.5	9	7.8
G004585		<0.02	0.6	3	7.4	1.1	19	<0.5
G004586		0.05	0.5	5	162	7.5	7	1.7
G004587		0.16	1.1	8	111.5	9.7	13	18.9
G004588		0.14	0.8	9	299	7.7	12	18.9
G004589		0.27	1.5	5	421	6.3	10	3.5
G004590		0.03	0.3	4	22.8	7.1	28	1.9
G004591		0.07	1.1	4	292	8.5	11	2
G004592		0.27	1.1	3	2690	8.5	11	1.3
G004593		0.11	0.2	5	102.5	7.7	14	3.8
G004594		0.14	0.3	6	58.7	9.8	15	8.1
G004595		0.22	0.9	8	100.5	7.6	19	7.8
G004596		0.12	0.7	6	62.4	8.8	14	7.6
G004597		0.09	0.4	4	412	8	20	2.7
G004598		0.06	0.3	4	124	5.9	13	3.4
G004599		0.04	0.5	3	103	6.9	14	1.7
G004600		<0.02	0.9	3	3.2	0.8	13	<0.5
G004601		0.04	2.5	3	38.5	6.5	13	2.5
G004602		4.02	0.7	56	9.5	10.1	43	68.3
G004603		0.07	0.2	4	65.8	6.1	16	2.1
G004604		0.04	0.4	4	55	6.8	15	2.2
G004605		0.03	0.3	4	17.1	7.2	16	1.4
G004606		0.05	0.3	4	244	7.1	15	1.5
G004607		0.05	0.4	4	102	7.3	15	2.5
G004608		0.53	0.6	19	111.5	12.5	20	11.2
G004609		0.19	0.4	23	35.4	10.3	11	2.2
G004610		1.27	0.7	158	11	17.4	76	23.6
G004611		0.25	0.7	102	2.3	13.5	27	36.8
G004612		0.14	0.3	100	0.8	13.3	63	13.2
G004613		0.18	0.3	175	1.1	17.1	259	23.7

Comments: Additional Au-ICP21 result for sample G004570 is 0.836ppm, sample G004572 is 0.248 and 0.288ppm, sample G004580 is 0.775ppm, sample G004590 is 0.282 and 0.368ppm.

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: RAU

Finalized Date: 1-AUG-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08091329

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non-sufficient sample.
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 8-AUG-2008
Account: RCM

CERTIFICATE VA08088169

Project: RAU

P.O. No.:

This report is for 296 Soil samples submitted to our lab in Vancouver, BC, Canada on 2-JUL-2008.

The following have access to data associated with this certificate:

AL ARCHER BILL WENGZYNOWSKI	DOUG EATON	JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
SCR-43	Screen to -500um, discard plus
PUL-QC	Pulverizing QC Test
LOG-22	Sample login - Rcd w/o BarCode
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: ATAC RESOURCES LTD.
ATTN: AL ARCHER
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.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Project: RAU

Finalized Date: 8-AUG-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08088169

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
CC45751		0.20	0.004	0.5	1.36	49	<10	310	0.7	8	4.83	1.4	10	23	12	3.86
CC45752		0.16	<0.001	0.5	1.84	43	<10	660	0.8	13	1.70	3.1	11	31	20	4.59
CC45753		0.24	<0.001	<0.2	3.37	9	<10	210	0.7	<2	5.78	<0.5	33	169	53	5.51
CC45754		0.18	0.002	<0.2	1.98	17	<10	330	0.7	<2	7.59	1.0	14	43	25	3.73
CC45755		0.16	NSS	0.4	1.01	53	<10	1850	0.6	<2	3.83	7.6	17	25	23	4.56
CC45756		0.24	0.006	0.6	2.10	62	<10	2810	1.1	2	0.82	3.9	13	40	17	4.22
CC45757		0.18	0.014	0.3	1.64	78	<10	670	0.9	32	1.48	1.1	17	26	21	4.38
CC45758		0.24	0.005	0.2	2.23	59	<10	410	1.0	3	0.90	1.4	17	48	16	5.94
CC45759		0.18	0.005	<0.2	1.69	27	<10	210	0.5	<2	3.20	<0.5	30	75	68	5.19
CC45760		0.28	0.008	<0.2	1.91	172	<10	310	0.8	<2	0.99	<0.5	17	38	13	4.13
CC45761		0.24	0.003	<0.2	0.57	13	<10	510	<0.5	<2	19.7	0.6	5	12	10	1.78
CC45762		0.20	0.012	<0.2	4.61	21	<10	190	1.2	<2	1.82	<0.5	42	286	36	6.66
CC45763		0.18	0.006	0.3	1.65	44	<10	250	0.5	<2	3.01	1.9	18	81	19	4.09
CC45764		0.20	0.002	0.5	2.34	54	<10	290	0.8	<2	1.71	2.0	22	108	22	5.06
CC45765		0.12	0.009	<0.2	0.99	16	<10	390	<0.5	<2	3.23	2.2	10	28	12	2.94
CC45766		0.18	0.012	0.3	1.44	36	<10	560	0.6	2	4.30	2.7	15	31	25	4.27
CC45767		0.12	0.016	0.3	1.51	32	<10	500	0.6	2	1.53	2.2	14	36	15	4.03
CC45768		0.20	0.018	1.0	1.72	57	<10	550	0.8	5	1.45	3.3	21	36	53	4.59
CC45769		0.12	0.010	0.7	1.28	52	<10	270	0.6	7	5.23	2.0	8	24	12	3.07
CC45770		0.22	0.012	0.5	1.78	31	<10	950	0.7	2	3.68	1.7	10	30	17	3.04
CC45771		0.18	0.007	0.7	1.36	51	<10	270	0.7	7	4.21	2.5	9	27	16	3.28
CC45772		0.26	0.013	0.4	1.09	25	<10	740	<0.5	3	9.21	1.9	9	23	25	2.32
CC45773		0.14	0.011	0.5	1.61	34	<10	280	0.7	4	1.47	2.9	11	29	17	3.08
CC45774		0.22	0.001	<0.2	1.38	8	<10	1290	<0.5	<2	15.5	1.1	11	43	23	2.67
CC45775		0.12	0.003	0.2	2.22	16	<10	430	0.7	<2	1.82	2.5	19	75	30	3.92
CC45776		0.24	0.006	0.4	1.27	120	<10	3360	0.7	6	9.19	5.1	20	36	45	4.53
CC45777		0.18	0.007	0.2	0.93	28	<10	240	<0.5	<2	11.80	0.9	15	23	19	3.64
CC45778		0.26	0.347	0.2	0.66	27	<10	90	<0.5	<2	19.2	<0.5	11	14	14	2.98
CC45779		0.18	0.009	0.3	1.13	35	<10	200	<0.5	<2	17.8	1.2	8	15	12	2.02
CC45780		0.14	0.015	0.4	1.36	47	<10	220	0.5	4	6.06	0.6	17	22	16	4.07
CC45781		0.24	0.005	<0.2	2.19	21	<10	240	0.8	2	6.04	<0.5	21	84	36	3.85
CC45782		0.16	0.006	0.3	0.60	37	<10	170	<0.5	<2	19.0	1.0	6	12	14	1.72
CC45783		0.18	0.006	0.4	3.59	27	<10	310	0.9	3	1.96	0.5	33	205	35	5.62
CC45784		0.22	0.007	0.4	1.03	27	<10	400	0.5	<2	9.55	1.2	16	36	19	4.12
CC45785		0.22	0.019	0.3	1.79	24	<10	570	0.7	<2	2.52	1.2	15	59	21	3.82
CC45786		0.22	0.003	0.5	2.01	44	<10	610	0.8	<2	1.52	0.8	19	65	31	4.35
CC45787		0.20	0.031	0.7	1.34	90	<10	1400	0.6	6	3.06	1.2	18	28	29	4.27
CC45788		0.14	NSS	0.7	1.13	22	<10	880	<0.5	3	3.08	7.0	11	17	24	2.51
CC45789		0.20	0.013	0.7	1.06	50	<10	170	<0.5	8	6.97	1.5	8	22	15	2.46
CC45790		0.22	0.021	0.8	2.37	88	<10	760	1.1	12	1.39	5.7	14	40	20	5.26

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Project: RAU

Finalized Date: 8-AUG-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08088169

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC45751		<10	<1	0.14	20	2.86	1315	3	0.03	29	1460	64	0.04	<2	3	34
CC45752		<10	<1	0.14	20	0.80	2430	2	0.03	30	1150	81	0.05	<2	3	24
CC45753		10	<1	0.50	30	3.69	879	<1	0.02	176	1630	9	0.05	3	9	66
CC45754		<10	<1	0.18	20	0.79	975	<1	0.03	52	930	16	0.07	<2	3	55
CC45755		<10	<1	0.16	30	0.33	1200	<1	0.03	56	1670	76	0.19	2	2	64
CC45756		<10	<1	0.13	30	0.58	1000	1	0.03	45	740	109	0.07	<2	4	31
CC45757		<10	<1	0.26	40	0.47	1110	<1	0.03	48	1800	30	0.09	3	3	39
CC45758		<10	<1	0.16	30	0.42	1340	1	0.02	68	1090	55	0.06	<2	5	23
CC45759		<10	<1	0.28	20	1.15	1140	<1	0.02	135	1210	9	0.06	<2	3	79
CC45760		<10	<1	0.20	20	0.62	893	<1	0.02	34	820	18	0.05	<2	2	35
CC45761		<10	<1	0.10	10	1.65	464	1	0.02	20	580	14	<0.01	<2	1	128
CC45762		10	<1	0.28	20	5.34	1315	<1	0.02	221	1820	15	0.03	<2	16	36
CC45763		<10	<1	0.13	20	1.35	1565	<1	0.02	70	1210	49	0.13	2	4	34
CC45764		10	<1	0.17	30	1.77	1585	<1	0.02	89	1110	76	0.09	<2	5	27
CC45765		<10	<1	0.11	20	0.57	1185	<1	0.03	32	910	51	0.17	<2	2	78
CC45766		<10	<1	0.20	20	2.02	1480	1	0.03	43	1300	73	0.06	<2	4	50
CC45767		<10	<1	0.24	20	0.62	1625	<1	0.03	36	1210	84	0.09	3	3	37
CC45768		<10	<1	0.16	20	0.76	1180	3	0.02	64	2040	122	0.08	6	3	35
CC45769		<10	<1	0.08	20	3.17	1225	3	0.03	27	700	65	0.05	2	3	34
CC45770		<10	<1	0.12	20	2.50	1030	2	0.03	27	500	52	0.03	2	4	33
CC45771		<10	<1	0.08	10	2.59	1760	5	0.02	28	770	84	0.05	2	2	29
CC45772		<10	<1	0.15	10	3.99	695	1	0.02	27	710	37	0.03	4	3	109
CC45773		<10	<1	0.11	10	0.64	1455	1	0.02	28	1070	57	0.07	<2	3	26
CC45774		<10	<1	0.23	10	0.94	406	<1	0.01	45	570	61	0.09	3	4	134
CC45775		<10	<1	0.17	20	1.34	1280	1	0.01	72	1640	21	0.14	<2	3	21
CC45776		<10	<1	0.16	20	0.77	880	<1	0.02	75	1080	248	0.11	12	5	75
CC45777		<10	<1	0.18	20	0.73	520	<1	0.01	47	1050	37	0.06	<2	3	283
CC45778		<10	<1	0.14	20	0.74	391	<1	0.01	35	900	18	<0.01	<2	3	520
CC45779		<10	<1	0.10	20	0.34	1525	<1	0.01	22	940	19	<0.01	3	2	137
CC45780		<10	<1	0.12	20	0.35	2270	1	0.01	36	1370	18	0.11	2	2	64
CC45781		<10	<1	0.38	40	1.28	1750	<1	0.01	87	1570	10	0.05	<2	4	52
CC45782		<10	<1	0.13	10	1.63	1405	1	0.01	17	940	15	<0.01	2	1	157
CC45783		10	<1	0.14	20	3.58	1115	<1	0.01	169	1040	35	0.09	<2	10	33
CC45784		<10	<1	0.25	20	1.10	866	<1	0.01	53	1410	60	0.06	<2	3	150
CC45785		<10	<1	0.20	20	1.01	762	<1	0.01	51	1460	46	0.12	<2	4	31
CC45786		<10	<1	0.21	20	1.13	946	<1	0.01	61	1600	40	0.07	2	5	25
CC45787		<10	<1	0.18	30	1.09	3200	1	0.02	41	1250	64	0.07	2	4	47
CC45788		<10	<1	0.11	20	0.54	763	<1	0.02	25	1450	36	0.15	2	1	32
CC45789		<10	<1	0.08	10	4.76	873	2	0.02	25	900	46	0.03	2	3	47
CC45790		10	<1	0.13	20	1.05	1850	11	0.02	43	620	117	0.05	2	5	22

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

Project: RAU

Finalized Date: 8-AUG-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08088169

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
CC45751		<20	0.03	<10	<10	52	<10	569
CC45752		<20	0.03	<10	<10	80	<10	827
CC45753		<20	0.11	<10	<10	83	<10	102
CC45754		<20	0.04	<10	<10	55	<10	174
CC45755		<20	0.01	<10	<10	24	10	1515
CC45756		<20	0.02	<10	<10	70	10	1345
CC45757		<20	0.02	<10	<10	40	<10	428
CC45758		<20	0.03	<10	<10	62	<10	292
CC45759		<20	0.03	<10	<10	43	<10	116
CC45760		<20	0.04	<10	<10	53	<10	79
CC45761		<20	0.01	<10	<10	15	<10	154
CC45762		<20	0.30	<10	<10	105	<10	211
CC45763		<20	0.05	<10	<10	39	<10	632
CC45764		<20	0.07	<10	<10	58	<10	708
CC45765		<20	0.02	<10	<10	24	<10	573
CC45766		<20	0.03	<10	<10	46	<10	936
CC45767		<20	0.02	<10	<10	45	<10	752
CC45768		<20	0.03	<10	<10	80	<10	946
CC45769		<20	0.03	<10	<10	60	<10	535
CC45770		<20	0.04	<10	<10	63	<10	557
CC45771		<20	0.03	<10	<10	66	<10	596
CC45772		<20	0.06	<10	<10	38	<10	424
CC45773		<20	0.03	<10	<10	60	<10	585
CC45774		<20	0.08	<10	<10	31	<10	417
CC45775		<20	0.04	<10	<10	56	<10	342
CC45776		<20	0.05	<10	<10	32	20	1850
CC45777		<20	0.01	<10	<10	25	<10	367
CC45778		<20	0.01	<10	<10	14	<10	135
CC45779		<20	0.02	<10	<10	22	<10	493
CC45780		<20	0.02	<10	<10	36	<10	104
CC45781		<20	0.10	<10	<10	41	<10	65
CC45782		<20	0.01	<10	<10	15	<10	319
CC45783		<20	0.16	<10	<10	84	<10	339
CC45784		<20	0.04	<10	<10	27	<10	500
CC45785		<20	0.04	<10	<10	40	<10	388
CC45786		<20	0.04	<10	<10	46	<10	571
CC45787		<20	0.04	<10	<10	41	<10	552
CC45788		<20	0.02	<10	<10	30	<10	806
CC45789		<20	0.04	<10	<10	46	<10	421
CC45790		<20	0.04	<10	<10	113	10	1405

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Project: RAU

Finalized Date: 8-AUG-2008
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CERTIFICATE OF ANALYSIS VA08088169

Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CC45791		0.16	0.021	1.0	1.88	48	<10	1940	0.9	4	5.92	7.7	9	29	13	3.65
CC45792		0.24	0.008	0.5	1.58	30	<10	360	0.7	3	4.03	1.9	9	27	14	2.99
CC45793		0.14	0.001	0.6	1.60	33	<10	320	0.7	5	2.06	4.6	10	27	15	3.09
CC45794		0.16	0.011	0.5	1.59	32	<10	310	0.5	3	7.15	1.6	15	47	23	3.65
CC45795		0.16	0.003	<0.2	1.01	9	<10	2020	<0.5	<2	18.0	1.3	9	33	22	2.11
CC45796		0.26	0.002	0.2	3.02	11	<10	430	0.7	7	7.24	<0.5	31	137	51	5.27
CC45797		0.16	<0.001	0.2	1.59	10	<10	300	<0.5	<2	6.53	0.8	13	51	29	2.77
CC45798		0.14	NSS	<0.2	0.90	22	<10	170	<0.5	<2	11.20	<0.5	13	20	17	3.06
CC45799		0.14	NSS	<0.2	0.83	22	<10	120	<0.5	<2	5.42	1.2	11	19	15	3.04
CC45800		0.30	0.003	0.2	1.13	22	<10	150	<0.5	<2	12.25	<0.5	10	22	20	2.67
CC45801		0.22	0.002	0.2	0.08	2	<10	10	<0.5	<2	>25.0	<0.5	1	1	2	0.22
CC45802		0.22	0.004	0.3	0.73	23	<10	100	<0.5	2	16.0	<0.5	19	27	25	4.33
CC45803		0.22	0.006	0.2	0.33	9	<10	40	<0.5	<2	25.0	<0.5	8	10	11	1.83
CC45804		0.18	0.020	0.3	0.80	22	<10	80	<0.5	3	12.10	0.7	14	20	16	3.35
CC45805		0.20	0.001	0.2	1.54	27	<10	150	0.5	2	3.44	0.5	14	34	19	4.03
CC45806		0.16	0.008	0.5	0.91	33	<10	270	<0.5	3	2.17	1.9	9	19	21	2.36
CC45807		0.18	0.007	0.4	1.30	24	<10	240	0.5	3	1.48	1.6	12	31	20	3.23
CC45808		0.12	0.015	0.5	0.76	18	<10	420	<0.5	4	2.32	2.2	7	14	16	1.72
CC45809		0.20	0.014	0.7	1.15	29	<10	540	0.5	6	2.40	3.8	10	21	17	2.95
CC45810		0.18	0.024	0.6	1.47	56	<10	840	0.6	8	1.08	4.1	13	26	15	3.56
CC45811		0.12	0.030	0.4	1.49	56	<10	380	0.6	9	2.41	7.1	9	28	13	3.49
CC45812		0.22	0.013	0.5	1.84	32	<10	310	0.8	5	0.82	1.8	10	33	12	3.31
CC45813		0.18	0.006	0.8	1.56	48	<10	280	0.7	6	2.18	1.9	10	29	15	3.52
CC45814		0.16	0.002	0.3	1.72	17	<10	280	0.5	3	2.79	3.0	8	27	12	2.65
CC45815		0.14	0.001	0.4	2.03	22	<10	180	0.8	4	0.65	18.4	12	32	12	3.47
CC45816		0.28	0.003	0.2	0.90	2	<10	730	<0.5	<2	21.6	0.6	9	30	19	2.02
CC45817		0.20	0.003	<0.2	0.30	3	<10	50	<0.5	<2	>25.0	<0.5	3	13	4	0.49
CC45818		0.14	0.003	<0.2	1.58	13	<10	430	<0.5	2	7.98	0.8	18	63	34	3.48
CC45819		0.10	NSS	<0.2	2.05	20	<10	140	<0.5	<2	2.59	<0.5	28	79	34	4.30
CC45820		0.18	0.006	<0.2	0.55	28	<10	90	<0.5	2	14.35	<0.5	12	11	14	3.11
CC45821		0.24	0.012	1.2	0.63	104	<10	1080	<0.5	3	15.8	3.0	17	13	19	4.25
CC45822		0.20	0.003	<0.2	1.63	8	<10	70	<0.5	<2	16.4	<0.5	19	30	19	4.40
CC45823		0.18	0.004	<0.2	0.70	34	<10	70	<0.5	6	17.8	1.0	16	12	16	3.92
CC45824		0.22	0.003	<0.2	0.91	20	<10	60	<0.5	3	12.65	0.7	15	17	14	3.94
CC45825		0.12	0.011	<0.2	1.88	14	<10	150	0.5	2	6.80	0.8	21	64	15	4.24
CC45826		0.12	NSS	<0.2	0.47	8	<10	70	<0.5	<2	4.28	3.3	7	9	13	1.42
CC45827		0.14	0.001	<0.2	1.66	8	<10	100	<0.5	2	6.04	1.7	16	79	34	3.19
CC45828		0.10	0.012	0.2	0.59	11	<10	330	<0.5	3	2.91	6.9	15	9	23	2.16
CC45829		0.14	0.007	0.3	1.48	43	<10	530	0.7	9	1.32	0.8	10	30	12	3.29
CC45830		0.10	0.007	0.3	2.27	25	<10	470	0.9	7	1.16	5.6	15	38	14	3.86

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Project: RAU

Finalized Date: 8-AUG-2008
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CERTIFICATE OF ANALYSIS VA08088169

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC45791		<10	<1	0.08	20	3.81	3350	7	0.02	28	560	118	0.07	5	4	43
CC45792		<10	<1	0.10	10	2.61	1160	2	0.02	27	560	52	0.03	3	4	32
CC45793		<10	<1	0.08	10	1.11	2050	3	0.02	25	740	65	0.06	2	2	22
CC45794		<10	1	0.18	20	2.37	669	1	0.01	52	1360	39	0.06	4	3	100
CC45795		<10	<1	0.16	10	0.80	415	<1	0.02	38	480	75	<0.01	2	3	166
CC45796		10	<1	0.57	20	3.82	673	<1	0.01	153	1340	14	0.06	<2	8	82
CC45797		<10	<1	0.16	10	1.44	559	1	0.02	57	1130	12	0.15	2	2	54
CC45798		<10	<1	0.22	20	0.71	382	<1	0.01	39	1050	13	0.08	2	3	432
CC45799		<10	<1	0.14	20	0.52	558	<1	0.01	31	1000	17	0.18	<2	2	161
CC45800		<10	<1	0.12	10	0.94	449	<1	0.01	34	680	17	0.06	<2	3	306
CC45801		<10	<1	0.02	<10	0.14	399	<1	<0.01	3	250	6	<0.01	<2	<1	205
CC45802		<10	<1	0.20	20	1.32	705	<1	<0.01	78	890	10	<0.01	<2	3	477
CC45803		<10	<1	0.10	10	0.69	423	<1	0.01	28	540	18	<0.01	<2	1	400
CC45804		<10	<1	0.18	10	0.96	681	<1	0.01	42	1040	28	0.10	<2	2	305
CC45805		<10	<1	0.15	20	1.25	586	<1	0.01	41	800	35	0.06	<2	3	56
CC45806		<10	<1	0.11	10	0.39	849	2	0.01	30	1670	41	0.17	<2	1	38
CC45807		<10	1	0.13	20	0.71	728	1	0.01	37	1400	48	0.11	<2	2	30
CC45808		<10	<1	0.09	10	0.45	875	1	0.01	18	1560	26	0.18	<2	1	27
CC45809		<10	<1	0.08	10	1.00	941	1	0.01	24	950	47	0.08	<2	2	22
CC45810		<10	<1	0.08	10	0.55	1700	2	<0.01	27	720	82	0.05	<2	3	18
CC45811		<10	<1	0.09	10	1.42	1630	3	0.01	25	640	66	0.04	<2	2	20
CC45812		10	1	0.08	10	0.64	832	1	0.01	25	740	46	0.04	<2	3	15
CC45813		<10	<1	0.08	10	1.38	1450	4	0.01	31	810	88	0.04	2	2	21
CC45814		<10	1	0.09	10	1.74	946	2	0.01	19	560	41	0.03	<2	3	23
CC45815		10	<1	0.11	10	0.60	1745	3	0.01	24	700	93	0.05	<2	3	14
CC45816		<10	<1	0.27	<10	0.78	297	1	0.01	37	270	25	<0.01	2	3	168
CC45817		<10	<1	0.08	<10	0.35	122	1	0.01	11	260	2	<0.01	2	1	99
CC45818		<10	<1	0.23	10	1.53	605	1	0.02	83	1040	17	0.12	3	2	59
CC45819		<10	<1	0.17	30	1.41	690	1	0.02	103	940	6	0.15	<2	2	88
CC45820		<10	<1	0.16	20	0.76	431	1	0.02	43	950	19	0.12	2	1	516
CC45821		<10	<1	0.16	20	0.47	640	2	0.02	66	1290	201	0.09	4	4	204
CC45822		<10	<1	0.19	20	1.55	493	1	0.02	53	1090	8	<0.01	<2	3	501
CC45823		<10	<1	0.22	20	0.92	529	1	0.02	46	940	33	<0.01	2	3	474
CC45824		<10	<1	0.19	20	0.91	590	1	0.02	38	1150	38	0.05	<2	3	335
CC45825		<10	<1	0.40	30	1.64	756	1	0.02	88	1450	29	0.07	<2	4	187
CC45826		<10	<1	0.10	10	0.38	405	1	0.03	17	1250	12	0.24	4	1	102
CC45827		<10	<1	0.14	10	1.48	736	1	0.02	68	1170	26	0.17	3	3	98
CC45828		<10	<1	0.10	10	0.36	902	3	0.02	30	2520	21	0.26	2	1	32
CC45829		<10	<1	0.10	10	0.75	624	3	0.02	24	850	54	0.08	5	3	22
CC45830		10	<1	0.11	10	0.94	2300	2	0.03	25	1330	78	0.09	3	3	20

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	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
CC45791		<20	0.03	<10	<10	89	10	1955
CC45792		<20	0.04	<10	<10	60	<10	570
CC45793		<20	0.03	<10	<10	71	<10	773
CC45794		<20	0.02	<10	<10	44	<10	497
CC45795		<20	0.05	<10	<10	24	<10	591
CC45796		<20	0.11	<10	<10	71	<10	118
CC45797		<20	0.03	<10	<10	38	<10	156
CC45798		<20	0.01	<10	<10	19	<10	115
CC45799		<20	0.01	<10	<10	18	<10	236
CC45800		<20	0.02	<10	<10	40	<10	121
CC45801		<20	0.01	<10	<10	1	<10	28
CC45802		<20	0.04	<10	<10	13	<10	101
CC45803		<20	0.02	<10	<10	6	<10	144
CC45804		<20	0.02	<10	<10	14	<10	240
CC45805		<20	0.02	<10	<10	31	<10	221
CC45806		<20	0.03	<10	<10	33	<10	263
CC45807		<20	0.03	<10	<10	37	<10	329
CC45808		<20	0.03	<10	<10	21	<10	207
CC45809		<20	0.04	<10	<10	42	<10	747
CC45810		<20	0.04	<10	<10	65	<10	1035
CC45811		<20	0.04	<10	<10	71	10	990
CC45812		<20	0.04	<10	<10	71	<10	360
CC45813		<20	0.04	<10	<10	70	<10	649
CC45814		<20	0.04	<10	<10	61	<10	490
CC45815		<20	0.05	<10	<10	89	<10	1260
CC45816		<20	0.09	<10	<10	21	<10	127
CC45817		<20	0.01	<10	<10	6	<10	20
CC45818		<20	0.04	<10	<10	38	<10	132
CC45819		<20	0.01	<10	<10	33	<10	77
CC45820		<20	0.01	<10	<10	9	<10	135
CC45821		<20	0.01	<10	<10	14	<10	1250
CC45822		<20	0.01	<10	<10	21	<10	105
CC45823		<20	0.01	<10	<10	10	10	274
CC45824		<20	0.01	<10	<10	13	<10	309
CC45825		<20	0.04	<10	<10	30	<10	258
CC45826		<20	<0.01	<10	<10	7	<10	390
CC45827		<20	0.06	<10	<10	33	<10	264
CC45828		<20	0.01	<10	<10	20	<10	543
CC45829		<20	0.04	<10	<10	55	10	399
CC45830		<20	0.04	<10	<10	114	<10	982

***** 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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Project: RAU

Finalized Date: 8-AUG-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08088169

Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CC45831		0.18	0.004	<0.2	2.50	37	<10	270	0.9	9	1.33	1.6	13	72	17	3.76
CC45832		0.14	0.007	<0.2	1.29	35	<10	250	0.5	7	5.32	2.3	10	31	16	2.90
CC45833		0.16	0.025	0.3	1.42	38	<10	310	0.5	6	1.44	2.0	10	33	15	2.94
CC45834		0.12	0.018	<0.2	1.84	19	<10	390	0.7	3	1.25	10.6	12	31	11	3.04
CC45835		0.16	0.001	0.2	2.43	16	<10	240	1.0	<2	0.55	5.0	10	39	9	3.47
CC45836		0.20	0.001	0.2	1.95	28	<10	250	0.9	4	1.01	15.0	11	31	15	3.68
CC45837		0.22	0.003	<0.2	1.16	8	<10	680	<0.5	2	20.8	0.5	12	41	22	2.50
CC45838		0.22	0.003	<0.2	0.80	8	<10	800	<0.5	<2	22.2	1.1	6	19	14	1.43
CC45839		0.24	0.004	<0.2	2.37	13	<10	760	0.5	5	8.48	0.7	30	113	65	4.60
CC45840		0.22	0.003	<0.2	0.39	10	<10	130	<0.5	<2	>25.0	<0.5	5	9	15	1.09
CC45841		0.14	0.002	<0.2	0.47	18	<10	120	<0.5	<2	9.87	<0.5	8	12	13	2.03
CC45842		0.14	0.004	<0.2	1.46	19	<10	120	0.5	2	5.51	<0.5	21	43	21	5.05
CC45843		0.26	0.005	<0.2	2.33	20	<10	150	0.5	2	8.04	<0.5	32	87	71	6.19
CC45844		0.30	0.004	<0.2	2.56	16	<10	600	0.5	3	7.37	0.6	32	116	81	5.63
CC45845		0.30	0.004	<0.2	0.44	19	<10	30	<0.5	3	20.3	<0.5	15	11	13	3.21
CC45846		0.26	0.007	<0.2	0.65	30	<10	30	<0.5	<2	19.7	0.6	15	17	15	3.34
CC45847		0.14	0.007	<0.2	3.05	8	<10	170	<0.5	<2	4.33	1.1	25	145	53	5.08
CC45848		0.18	0.011	0.2	1.45	25	<10	520	0.6	3	1.43	1.7	18	34	21	3.74
CC45849		0.16	0.010	0.7	0.68	36	<10	440	0.5	3	2.83	3.3	51	12	48	6.30
CC45850		0.16	0.039	0.3	1.40	70	<10	320	0.7	6	0.61	1.0	9	33	17	3.31
CC45851		0.20	0.013	0.3	1.00	25	<10	180	0.6	3	8.53	3.2	6	17	9	2.15
CC45852		0.14	0.014	0.3	1.43	22	<10	280	0.6	4	3.78	9.7	8	29	12	2.68
CC45853		0.20	0.007	0.4	1.69	30	<10	260	0.9	<2	2.78	2.4	11	31	19	3.32
CC45854		0.22	0.007	0.4	2.45	35	<10	290	0.9	2	0.61	2.1	23	83	19	4.82
CC45855		0.18	0.013	0.4	1.57	24	<10	250	0.8	3	3.47	2.1	9	31	15	2.88
CC45856		0.18	0.005	1.0	1.01	22	<10	250	0.7	4	10.50	23.9	6	17	11	2.26
CC45857		0.16	0.011	0.4	1.59	23	<10	260	0.8	<2	4.08	7.2	9	25	16	3.02
CC45858		0.22	0.003	0.2	1.89	5	<10	120	<0.5	<2	15.4	<0.5	18	69	34	3.50
CC45859		0.18	0.010	0.2	0.81	7	<10	2470	<0.5	<2	19.6	1.2	7	25	16	1.47
CC45860		0.20	0.005	0.2	0.48	13	<10	1810	<0.5	<2	21.1	1.2	8	12	13	2.31
CC45861		0.18	0.004	0.3	0.76	17	<10	220	<0.5	<2	10.70	<0.5	16	18	35	3.55
CC45862		0.22	0.004	0.4	0.83	23	<10	160	<0.5	<2	13.25	0.5	11	21	19	3.81
CC45863		0.36	0.005	0.2	1.86	16	<10	1090	<0.5	<2	11.00	0.6	31	81	67	5.08
CC45864		0.32	0.004	0.3	1.10	12	<10	1350	<0.5	3	20.1	1.4	15	45	41	2.97
CC45865		0.22	0.005	0.3	2.64	18	<10	1090	0.5	<2	11.15	1.6	28	115	52	5.19
CC45866		0.32	0.005	0.3	0.35	59	<10	80	<0.5	4	18.7	<0.5	14	8	16	3.81
CC45867		0.18	0.008	0.2	3.42	8	<10	200	<0.5	<2	4.64	1.1	25	168	60	5.11
CC45868		0.24	0.006	0.4	1.34	33	<10	160	0.5	2	5.78	0.9	13	26	20	4.04
CC45869		0.16	0.004	0.2	1.93	18	<10	410	0.7	<2	0.93	0.7	13	38	14	3.60
CC45870		0.14	0.005	0.7	1.37	23	<10	320	0.6	<2	1.97	5.7	22	28	26	4.10

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Project: RAU

CERTIFICATE OF ANALYSIS VA08088169

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC45831		10	<1	0.11	10	1.62	980	2	0.04	55	520	42	0.04	3	5	26
CC45832		<10	<1	0.12	20	1.75	709	2	0.03	31	760	42	0.06	3	3	56
CC45833		<10	1	0.10	10	0.71	893	2	0.03	31	1350	53	0.12	2	2	25
CC45834		10	<1	0.11	10	0.61	1580	2	0.03	22	550	75	0.05	2	3	20
CC45835		10	<1	0.09	10	0.64	1035	2	0.02	24	500	62	0.03	3	4	15
CC45836		<10	<1	0.08	10	0.68	2540	5	0.02	29	610	152	0.05	<2	4	14
CC45837		<10	<1	0.38	<10	0.92	302	2	0.02	49	290	15	<0.01	2	4	163
CC45838		<10	<1	0.08	10	1.36	558	1	0.02	21	450	163	<0.01	4	1	117
CC45839		10	<1	0.59	20	2.36	666	1	0.02	152	970	14	0.09	2	5	84
CC45840		<10	<1	0.07	<10	1.48	296	1	0.02	16	360	4	<0.01	3	1	148
CC45841		<10	<1	0.10	10	0.77	376	1	0.02	28	1000	10	0.17	<2	1	120
CC45842		<10	1	0.27	30	1.20	519	1	0.02	69	1120	11	0.12	<2	4	206
CC45843		<10	<1	0.17	30	2.38	935	1	0.02	130	1360	17	0.04	3	6	248
CC45844		<10	<1	0.34	20	2.56	744	1	0.01	167	1320	26	0.09	2	6	70
CC45845		<10	<1	0.13	10	0.92	485	1	0.01	43	1150	<2	<0.01	4	2	559
CC45846		<10	<1	0.12	20	0.76	380	1	0.01	47	1130	18	<0.01	4	3	501
CC45847		10	<1	0.16	10	2.82	611	<1	0.02	110	940	22	0.08	4	6	79
CC45848		<10	<1	0.13	20	0.84	630	2	0.02	47	1050	64	0.07	4	3	33
CC45849		<10	<1	0.13	20	1.06	1050	5	0.02	99	2420	93	0.12	3	4	53
CC45850		<10	<1	0.08	20	0.55	514	7	0.03	38	1030	40	0.04	2	3	23
CC45851		<10	<1	0.07	10	5.50	1525	1	0.02	15	1280	48	0.08	3	1	41
CC45852		<10	<1	0.10	10	2.16	842	3	0.03	26	910	38	0.07	<2	2	28
CC45853		<10	1	0.11	20	1.80	1295	3	0.02	34	980	52	0.05	<2	3	23
CC45854		10	<1	0.14	20	1.23	1055	3	0.02	69	580	61	0.04	<2	7	16
CC45855		<10	<1	0.10	10	2.17	1210	3	0.03	27	790	93	0.07	3	3	25
CC45856		<10	<1	0.06	10	6.50	2520	5	0.02	16	1070	250	0.08	3	2	42
CC45857		<10	<1	0.10	10	2.38	3120	6	0.02	27	1160	112	0.10	2	2	25
CC45858		10	<1	0.75	<10	1.43	327	1	0.02	80	320	5	<0.01	<2	6	122
CC45859		<10	<1	0.08	<10	1.14	533	<1	0.02	25	440	115	<0.01	2	1	119
CC45860		<10	<1	0.12	<10	1.68	447	1	0.01	34	370	52	<0.01	2	2	167
CC45861		<10	<1	0.18	10	0.63	577	1	0.02	54	670	15	0.06	<2	2	97
CC45862		<10	<1	0.18	10	2.38	569	1	0.02	44	540	26	0.09	<2	3	115
CC45863		<10	<1	0.28	20	2.06	612	1	0.01	142	1290	24	0.10	2	5	192
CC45864		<10	<1	0.15	10	1.56	568	<1	0.01	72	740	45	<0.01	3	3	247
CC45865		<10	<1	0.24	20	2.66	664	<1	0.01	134	1270	28	0.07	2	6	324
CC45866		<10	<1	0.13	20	0.72	565	<1	0.01	48	1090	8	<0.01	<2	3	520
CC45867		10	<1	0.25	10	3.26	700	<1	0.02	120	760	50	0.08	2	6	75
CC45868		<10	<1	0.21	20	1.04	513	1	0.02	42	1340	41	0.06	2	3	114
CC45869		10	<1	0.11	10	0.63	660	1	0.02	33	930	40	0.07	<2	3	26
CC45870		<10	<1	0.14	20	0.95	764	3	0.02	52	1550	67	0.08	3	3	35

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Finalized Date: 8-AUG-2008
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CERTIFICATE OF ANALYSIS VA08088169

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
CC45831		<20	0.14	<10	<10	63	20	254
CC45832		<20	0.04	<10	<10	42	<10	335
CC45833		<20	0.03	<10	<10	50	<10	437
CC45834		<20	0.05	<10	<10	75	<10	682
CC45835		<20	0.04	<10	<10	89	<10	1230
CC45836		<20	0.04	<10	<10	99	<10	2100
CC45837		<20	0.12	<10	<10	26	<10	110
CC45838		<20	0.03	<10	<10	21	<10	442
CC45839		<20	0.09	<10	<10	57	<10	121
CC45840		<20	0.01	<10	<10	10	<10	54
CC45841		<20	0.01	<10	<10	10	<10	66
CC45842		<20	0.01	<10	<10	22	<10	99
CC45843		<20	0.02	<10	<10	45	<10	134
CC45844		<20	0.08	<10	<10	56	<10	172
CC45845		<20	<0.01	<10	<10	5	<10	22
CC45846		<20	0.01	<10	<10	10	<10	198
CC45847		<20	0.16	<10	<10	66	<10	275
CC45848		<20	0.03	<10	<10	52	<10	607
CC45849		<20	0.01	<10	<10	44	<10	936
CC45850		<20	0.04	<10	<10	84	<10	376
CC45851		<20	0.02	<10	<10	49	<10	712
CC45852		<20	0.03	<10	<10	66	<10	784
CC45853		<20	0.03	<10	<10	78	<10	554
CC45854		<20	0.08	<10	<10	105	<10	373
CC45855		<20	0.03	<10	<10	77	10	709
CC45856		<20	0.02	<10	<10	69	10	2620
CC45857		<20	0.02	<10	<10	88	10	1220
CC45858		<20	0.22	<10	<10	41	<10	68
CC45859		<20	0.03	<10	<10	20	<10	335
CC45860		<20	0.01	<10	<10	9	<10	349
CC45861		<20	0.01	<10	<10	18	<10	62
CC45862		<20	0.02	<10	<10	16	<10	148
CC45863		<20	0.05	<10	<10	39	<10	128
CC45864		<20	0.03	<10	<10	24	<10	405
CC45865		<20	0.05	<10	<10	52	<10	610
CC45866		<20	<0.01	<10	<10	6	<10	47
CC45867		<20	0.11	<10	<10	66	<10	396
CC45868		<20	0.01	<10	<10	28	<10	305
CC45869		<20	0.03	<10	<10	62	<10	270
CC45870		<20	0.02	<10	<10	52	<10	1075

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CERTIFICATE OF ANALYSIS VA08088169

Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CC45871		0.20	0.006	0.8	2.17	71	<10	610	0.8	3	0.91	11.5	12	37	20	3.39
CC45872		0.18	0.013	0.6	1.02	54	<10	210	0.5	2	7.70	2.7	7	19	15	2.10
CC45873		0.14	0.006	0.2	0.88	22	<10	290	<0.5	<2	1.72	3.2	24	13	23	3.90
CC45874		0.16	0.012	0.3	1.80	40	<10	310	0.8	4	0.94	3.1	15	35	19	4.33
CC45875		0.18	0.019	0.3	1.64	35	<10	500	0.7	3	0.71	3.4	12	36	18	3.58
CC45876		0.18	0.006	0.5	1.60	23	<10	290	0.7	3	4.71	12.9	8	26	13	2.81
CC45877		0.16	0.008	1.1	1.56	23	<10	420	0.8	<2	6.15	11.7	8	25	12	2.62
CC45878		0.12	0.004	0.5	1.32	32	<10	540	0.7	3	3.65	12.2	8	22	20	3.16
CC45879		0.26	0.002	0.2	0.52	9	<10	80	<0.5	<2	23.7	<0.5	6	16	10	1.79
CC45880		0.24	0.001	0.2	0.25	<2	<10	50	<0.5	<2	>25.0	<0.5	2	5	5	0.70
CC45881		0.26	0.001	0.3	0.48	9	<10	3290	<0.5	<2	23.8	2.5	4	12	10	1.00
CC45882		0.22	0.002	0.2	0.39	6	<10	3270	<0.5	<2	>25.0	1.9	4	10	9	0.91
CC45883		0.24	0.002	0.7	0.23	18	<10	3520	<0.5	<2	>25.0	8.9	2	5	9	0.85
CC45884		0.18	0.004	0.2	3.45	12	<10	570	0.6	<2	1.43	0.5	34	149	72	6.16
CC45885		0.38	0.005	0.2	1.57	4	<10	160	<0.5	<2	14.85	<0.5	18	53	24	3.90
CC45886		0.30	0.002	0.3	2.46	12	<10	1120	<0.5	<2	9.91	1.3	27	107	51	5.02
CC45887		0.26	0.001	0.3	2.24	10	<10	180	<0.5	<2	13.60	0.7	19	108	43	3.76
CC45888		0.12	0.017	1.5	0.97	84	<10	210	0.5	12	1.98	6.8	18	21	19	5.19
CC45889		0.22	0.002	0.4	0.59	29	<10	140	<0.5	<2	20.1	0.6	11	16	13	2.82
CC45890		0.18	0.001	0.2	1.66	19	<10	350	0.7	<2	1.42	<0.5	11	30	18	3.33
CC45891		0.22	0.005	0.3	1.99	21	<10	290	0.9	<2	0.85	0.5	13	35	17	4.23
CC45892		0.20	0.005	0.3	0.55	11	<10	110	<0.5	<2	2.43	1.7	11	9	16	3.09
CC45893		0.14	0.007	1.0	0.52	20	<10	140	<0.5	<2	4.21	2.8	19	10	32	4.00
CC45894		0.18	0.003	0.6	1.14	42	<10	590	0.6	<2	1.79	4.0	33	18	38	5.24
CC45895		0.30	0.009	0.4	1.34	40	<10	210	0.6	3	2.34	1.2	12	26	19	3.80
CC45896		0.26	0.006	0.7	1.14	37	<10	630	0.6	5	6.52	2.0	10	19	14	3.11
CC45897		0.14	0.011	0.5	1.54	34	<10	340	0.7	2	2.67	6.4	10	29	16	3.26
CC45898		0.24	0.003	0.2	0.18	7	<10	2010	<0.5	<2	15.7	1.5	1	3	4	1.53
CC45899		0.26	0.010	1.0	0.66	20	<10	200	<0.5	2	11.35	2.5	4	13	10	1.57
CC45900		0.22	0.001	0.2	4.59	3	<10	180	<0.5	<2	5.54	<0.5	28	213	65	5.65
CC45901		0.24	0.004	0.2	0.25	3	<10	60	<0.5	<2	>25.0	<0.5	3	6	5	0.83
CC45902		0.26	0.001	<0.2	0.08	<2	<10	30	<0.5	<2	>25.0	<0.5	1	1	2	0.29
CC45903		0.26	0.004	0.9	0.67	27	<10	510	0.8	<2	23.1	6.4	5	16	19	2.02
CC45904		0.28	0.001	0.2	0.27	7	<10	250	<0.5	<2	>25.0	1.7	2	6	7	0.56
CC45905		0.20	0.003	0.6	1.28	16	<10	680	0.8	<2	11.65	6.9	8	26	25	2.16
CC45906		0.28	0.002	0.2	2.15	7	<10	110	<0.5	<2	15.7	0.7	19	110	40	3.52
CC45907		0.32	0.002	0.2	2.35	4	<10	100	<0.5	<2	11.90	<0.5	20	91	49	3.94
CC45908		0.22	0.002	0.3	1.22	25	<10	200	0.5	<2	1.98	0.9	18	32	17	4.85
CC45909		0.32	0.002	0.3	0.63	19	<10	230	<0.5	<2	20.5	<0.5	11	17	14	2.91
CC45910		0.24	0.004	0.3	0.46	26	<10	160	<0.5	<2	21.4	0.8	10	12	12	2.60

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

Project: RAU

Finalized Date: 8-AUG-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08088169

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC45871		10	<1	0.07	10	0.67	889	9	0.02	68	1710	89	0.05	5	3	20
CC45872		<10	1	0.09	10	4.63	736	4	0.02	34	1610	42	0.08	4	1	37
CC45873		<10	<1	0.14	10	0.27	1040	5	0.02	43	2790	32	0.20	2	2	25
CC45874		<10	<1	0.15	20	0.68	1045	3	0.02	44	1160	48	0.07	<2	3	19
CC45875		10	<1	0.12	10	0.68	975	2	0.02	37	830	139	0.05	<2	3	16
CC45876		<10	<1	0.10	10	2.88	1700	1	0.02	21	860	137	0.06	<2	2	27
CC45877		<10	<1	0.08	10	3.77	1545	3	0.02	22	1050	164	0.07	4	2	32
CC45878		<10	<1	0.08	10	1.75	3960	9	0.02	30	1440	225	0.14	3	2	23
CC45879		<10	<1	0.13	<10	1.28	741	1	0.02	23	360	7	<0.01	<2	2	272
CC45880		<10	<1	0.04	<10	0.34	153	<1	0.01	7	130	4	<0.01	<2	1	148
CC45881		<10	<1	0.05	<10	1.64	820	<1	0.02	13	320	150	<0.01	<2	1	146
CC45882		<10	<1	0.04	<10	0.98	634	<1	0.02	13	260	67	<0.01	2	1	137
CC45883		<10	<1	0.03	<10	0.97	1415	<1	0.02	15	190	230	<0.01	8	1	147
CC45884		10	<1	0.26	20	2.61	1160	<1	0.02	146	1230	23	0.10	<2	6	36
CC45885		<10	<1	0.16	10	1.72	464	<1	0.01	64	1190	11	0.04	<2	4	620
CC45886		10	<1	0.21	10	2.45	704	<1	0.01	126	1290	42	0.08	<2	5	224
CC45887		10	<1	0.22	<10	2.14	636	<1	0.01	87	580	34	0.04	<2	5	239
CC45888		<10	<1	0.24	40	0.41	3030	<1	0.01	58	1940	260	0.11	<2	3	40
CC45889		<10	<1	0.13	10	0.67	344	<1	0.01	39	770	29	<0.01	<2	3	421
CC45890		<10	<1	0.13	20	0.61	534	<1	0.02	31	1130	29	0.08	2	3	36
CC45891		<10	<1	0.10	30	0.48	799	2	0.02	35	1120	29	0.03	<2	4	23
CC45892		<10	<1	0.06	20	0.08	361	<1	0.02	27	1280	25	0.13	2	2	28
CC45893		<10	<1	0.13	20	1.47	539	2	0.02	42	2290	56	0.12	4	2	41
CC45894		<10	<1	0.20	30	0.47	1440	5	0.02	68	1860	86	0.10	<2	3	27
CC45895		<10	<1	0.12	10	1.43	731	2	0.02	38	1200	48	0.05	<2	3	22
CC45896		<10	<1	0.10	10	3.95	1060	2	0.02	27	1180	97	0.06	2	2	34
CC45897		<10	<1	0.14	10	1.56	1510	2	0.03	29	1080	109	0.07	2	2	23
CC45898		<10	<1	0.02	<10	10.15	3240	2	0.02	2	490	62	<0.01	<2	2	97
CC45899		<10	<1	0.06	<10	7.53	1080	5	0.02	18	660	86	0.04	3	1	51
CC45900		10	<1	0.48	<10	5.33	493	<1	0.01	125	870	6	0.02	3	8	278
CC45901		<10	<1	0.04	<10	0.53	279	1	0.01	9	210	5	<0.01	<2	1	147
CC45902		<10	<1	0.04	<10	0.24	125	<1	0.01	3	40	2	<0.01	2	1	153
CC45903		<10	<1	0.07	<10	0.51	2820	<1	0.02	30	580	237	<0.01	13	1	66
CC45904		<10	<1	0.02	<10	0.32	662	<1	0.01	8	260	224	<0.01	3	1	130
CC45905		<10	<1	0.08	10	0.93	1720	1	0.02	30	1030	377	0.14	7	1	57
CC45906		<10	1	0.23	<10	2.04	627	<1	0.02	84	530	33	<0.01	2	5	235
CC45907		10	<1	0.28	<10	2.09	549	<1	0.01	90	520	7	0.02	<2	4	243
CC45908		<10	<1	0.16	30	0.59	574	<1	0.01	54	1490	53	0.13	<2	3	29
CC45909		<10	<1	0.11	10	0.73	367	<1	0.01	38	790	16	<0.01	<2	3	407
CC45910		<10	<1	0.12	10	0.61	330	<1	0.01	39	690	34	<0.01	<2	3	449

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Project: RAU

Finalized Date: 8-AUG-2008
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CERTIFICATE OF ANALYSIS VA08088169

Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
Analyte	Th	Ti	Tl	U	V	W	Zn
Units	ppm	%	ppm	ppm	ppm	ppm	ppm
Sample Description LOR	20	0.01	10	10	1	10	2
CC45871	<20	0.03	<10	10	104	<10	2420
CC45872	<20	0.02	<10	10	61	<10	825
CC45873	<20	0.01	<10	<10	39	<10	520
CC45874	<20	0.03	<10	<10	69	<10	448
CC45875	<20	0.03	<10	<10	77	<10	674
CC45876	<20	0.03	<10	<10	69	10	2220
CC45877	<20	0.02	<10	<10	68	<10	1965
CC45878	<20	0.02	<10	<10	104	10	1975
CC45879	<20	0.02	<10	<10	8	<10	54
CC45880	<20	0.01	<10	<10	5	<10	31
CC45881	<20	0.02	<10	<10	13	<10	743
CC45882	<20	0.02	<10	<10	9	<10	383
CC45883	<20	0.01	<10	<10	7	10	1525
CC45884	<20	0.06	<10	<10	89	<10	164
CC45885	<20	0.02	<10	<10	25	<10	84
CC45886	<20	0.05	<10	<10	46	<10	413
CC45887	<20	0.17	<10	<10	46	<10	212
CC45888	<20	0.01	<10	<10	19	<10	1805
CC45889	<20	<0.01	<10	<10	8	<10	269
CC45890	<20	0.02	<10	<10	40	<10	111
CC45891	<20	0.03	<10	<10	54	<10	250
CC45892	<20	0.01	<10	<10	11	<10	250
CC45893	<20	0.01	<10	<10	37	<10	476
CC45894	<20	0.01	<10	<10	42	<10	692
CC45895	<20	0.02	<10	<10	52	<10	410
CC45896	<20	0.02	<10	<10	45	<10	675
CC45897	<20	0.02	<10	<10	73	10	1295
CC45898	<20	<0.01	<10	<10	23	<10	410
CC45899	<20	0.02	<10	<10	36	10	638
CC45900	<20	0.30	<10	<10	112	<10	82
CC45901	<20	0.01	<10	<10	4	<10	43
CC45902	<20	0.01	<10	<10	<1	<10	17
CC45903	<20	0.02	<10	<10	16	<10	1485
CC45904	<20	0.01	<10	<10	7	10	472
CC45905	<20	0.02	<10	<10	28	10	1735
CC45906	<20	0.22	<10	<10	48	<10	220
CC45907	<20	0.23	<10	<10	42	<10	73
CC45908	<20	0.01	<10	<10	22	<10	244
CC45909	<20	0.01	<10	<10	9	<10	149
CC45910	<20	<0.01	<10	<10	6	<10	301

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Project: RAU

CERTIFICATE OF ANALYSIS VA08088169

Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CC45911		0.26	0.002	0.3	0.52	18	<10	140	<0.5	<2	21.7	<0.5	10	14	12	2.41
CC45912		0.24	0.005	0.3	1.72	29	<10	170	0.7	<2	2.64	<0.5	15	33	21	4.78
CC45913		0.12	0.006	<0.2	0.64	7	<10	140	<0.5	<2	4.31	1.9	5	10	13	1.33
CC45914		0.22	0.002	0.5	0.49	17	<10	120	<0.5	<2	3.35	<0.5	10	8	15	3.00
CC45915		0.22	0.005	0.5	0.85	54	<10	230	0.5	<2	1.92	1.2	30	15	35	4.16
CC45916		0.26	0.008	0.4	1.05	33	<10	210	0.5	3	5.51	1.1	10	19	17	3.11
CC45917		0.28	0.009	0.3	1.77	41	<10	300	0.8	2	1.13	0.8	16	47	18	4.48
CC45918		0.20	0.004	0.5	1.85	39	<10	330	1.0	3	1.49	5.6	12	37	16	3.96
CC45919		0.20	0.003	0.3	0.50	17	<10	110	<0.5	<2	12.00	2.0	3	8	7	1.13
CC45920		0.24	0.004	0.9	1.47	43	<10	700	0.7	<2	6.02	4.5	8	23	16	2.88
CC45921		0.20	0.001	<0.2	0.98	4	<10	70	<0.5	<2	19.7	<0.5	8	34	17	1.85
CC45922		0.16	0.001	0.2	3.94	5	<10	150	<0.5	<2	1.49	<0.5	30	236	59	5.21
CC45923		0.30	0.002	0.2	0.64	20	<10	80	<0.5	<2	19.5	<0.5	8	27	18	2.99
CC45924		0.32	<0.001	<0.2	1.66	8	<10	70	<0.5	<2	15.8	<0.5	15	92	25	3.79
CC45925		0.30	<0.001	<0.2	1.46	7	<10	100	<0.5	<2	19.5	<0.5	12	75	23	2.92
CC45926		0.22	<0.001	<0.2	3.35	17	<10	100	<0.5	2	9.08	<0.5	25	163	55	4.84
CC45927		0.32	<0.001	<0.2	2.13	2	<10	240	<0.5	<2	11.55	<0.5	20	87	40	3.61
CC45928		0.16	<0.001	<0.2	4.10	7	<10	220	<0.5	<2	1.89	0.6	32	222	72	5.87
CC45929		0.22	0.001	<0.2	0.87	22	<10	270	<0.5	<2	14.9	1.1	12	43	19	2.83
CC45930		0.22	<0.001	<0.2	0.65	32	<10	180	<0.5	<2	16.2	1.2	13	21	13	2.83
CC45931		0.16	0.004	<0.2	0.68	35	<10	160	<0.5	<2	18.7	1.3	14	20	13	3.07
CC45932		0.14	0.001	<0.2	0.47	12	<10	120	<0.5	<2	17.9	0.6	9	12	11	2.32
CC45933		0.30	0.001	<0.2	0.74	21	<10	100	<0.5	<2	20.0	<0.5	12	21	12	2.73
CC45934		0.32	0.005	<0.2	1.05	23	<10	110	<0.5	<2	17.5	0.9	12	44	15	2.80
CC45935		0.20	0.004	<0.2	0.76	20	<10	80	<0.5	<2	12.15	<0.5	11	13	11	2.91
CC45936		0.18	0.008	<0.2	0.50	6	<10	160	<0.5	<2	3.19	1.8	6	7	9	1.10
CC45937		0.18	0.004	0.2	1.18	30	<10	290	0.5	3	1.66	2.4	10	20	18	3.08
CC45938		0.22	0.003	0.2	1.17	21	<10	400	0.5	6	2.15	3.1	15	15	21	3.51
CC45939		0.14	0.006	<0.2	0.81	10	<10	350	<0.5	<2	2.26	2.8	11	12	13	1.85
CC45940		0.16	0.006	0.3	1.19	18	<10	370	0.7	5	4.93	4.1	8	22	13	2.31
CC45941		0.16	0.008	0.4	1.39	25	<10	410	0.6	4	2.35	1.8	8	31	15	2.69
CC45942		0.26	0.004	<0.2	3.32	7	<10	110	0.5	<2	3.82	<0.5	33	143	56	5.44
CC45943		0.22	0.007	<0.2	0.15	2	<10	50	<0.5	<2	>25.0	<0.5	2	3	2	0.38
CC45944		0.30	0.013	<0.2	1.29	6	<10	40	<0.5	2	22.5	<0.5	12	35	26	2.53
CC45945		0.32	0.003	<0.2	1.52	12	<10	60	<0.5	<2	24.5	<0.5	13	78	34	2.47
CC45946		0.18	0.005	<0.2	4.62	2	<10	120	<0.5	<2	3.39	<0.5	33	262	63	5.99
CC45947		0.34	0.002	<0.2	3.11	3	<10	100	<0.5	2	8.35	<0.5	25	138	50	4.72
CC45948		0.26	0.002	<0.2	3.93	6	<10	140	<0.5	<2	5.24	<0.5	31	182	67	5.74
CC45949		0.14	0.001	<0.2	3.06	5	<10	290	<0.5	2	2.37	0.5	24	158	57	4.52
CC45950		0.28	0.001	<0.2	0.82	19	<10	620	<0.5	<2	18.4	1.2	13	38	15	2.88

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CERTIFICATE OF ANALYSIS VA08088169

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC45911		<10	<1	0.11	10	0.81	302	<1	0.01	34	710	15	<0.01	<2	3	437
CC45912		<10	<1	0.15	20	1.04	579	<1	0.02	49	1110	30	0.02	<2	5	52
CC45913		<10	<1	0.05	10	0.20	565	<1	0.02	15	1440	12	0.26	<2	1	70
CC45914		<10	<1	0.15	10	0.18	190	<1	0.01	31	1080	14	0.04	2	2	40
CC45915		<10	<1	0.20	20	0.23	593	8	0.02	73	3530	101	0.07	2	2	47
CC45916		<10	<1	0.11	10	3.30	918	3	0.02	32	1390	40	0.04	2	2	37
CC45917		<10	<1	0.13	10	1.06	1150	4	0.02	42	1020	71	0.05	<2	3	16
CC45918		10	<1	0.12	10	0.96	2080	4	0.02	37	1670	105	0.10	<2	2	18
CC45919		<10	<1	0.04	<10	8.17	1055	1	0.02	8	760	64	0.05	2	1	42
CC45920		10	<1	0.07	10	3.82	2070	2	0.02	34	920	158	0.05	2	2	29
CC45921		<10	<1	0.12	<10	0.92	457	<1	0.01	34	390	6	<0.01	2	2	205
CC45922		10	<1	0.15	10	4.32	539	<1	0.02	149	710	14	0.06	2	6	32
CC45923		<10	<1	0.22	10	0.68	382	1	0.01	31	420	11	<0.01	2	4	184
CC45924		<10	<1	0.30	<10	1.71	405	<1	0.01	66	540	4	<0.01	<2	5	256
CC45925		<10	1	0.18	10	1.40	595	1	0.02	54	480	27	<0.01	2	4	487
CC45926		10	<1	0.19	10	3.27	602	1	0.02	121	730	13	0.04	<2	6	211
CC45927		<10	<1	0.29	10	1.77	500	1	0.03	84	590	4	0.04	2	4	241
CC45928		10	<1	0.19	10	4.27	520	1	0.02	162	760	21	0.07	6	7	35
CC45929		<10	<1	0.15	10	0.77	421	1	0.02	47	720	17	0.09	4	2	227
CC45930		<10	1	0.17	10	0.59	284	1	0.02	45	860	18	0.09	3	2	297
CC45931		<10	<1	0.19	20	0.69	384	<1	0.02	47	910	38	<0.01	5	3	369
CC45932		<10	<1	0.14	10	0.68	308	1	0.02	31	740	13	<0.01	2	2	301
CC45933		<10	1	0.13	20	0.79	314	1	0.01	39	870	15	<0.01	2	3	339
CC45934		<10	<1	0.12	10	1.15	418	1	0.02	47	1020	23	<0.01	2	3	222
CC45935		<10	<1	0.17	10	0.62	310	1	0.02	28	970	4	0.09	2	2	190
CC45936		<10	<1	0.05	10	0.14	347	2	0.02	10	1280	17	0.20	<2	1	45
CC45937		<10	<1	0.16	10	0.48	549	5	0.02	31	1940	38	0.14	<2	2	29
CC45938		<10	<1	0.12	20	0.37	962	3	0.02	24	2560	48	0.19	<2	2	26
CC45939		<10	<1	0.11	10	0.47	1160	2	0.02	16	2170	14	0.23	<2	1	22
CC45940		<10	<1	0.11	10	2.50	1610	2	0.02	19	1790	51	0.15	2	1	31
CC45941		<10	<1	0.11	10	1.24	1110	3	0.02	28	1500	67	0.12	3	2	21
CC45942		10	<1	0.26	10	2.80	811	1	0.02	127	510	7	0.08	2	8	120
CC45943		<10	<1	0.07	<10	0.32	133	<1	0.01	2	90	2	<0.01	3	1	265
CC45944		<10	1	0.17	10	1.00	878	1	0.02	47	230	5	<0.01	3	3	443
CC45945		<10	<1	0.12	<10	1.49	503	1	0.02	59	290	<2	<0.01	2	3	274
CC45946		10	<1	0.21	10	5.18	560	<1	0.02	173	660	8	0.06	<2	8	105
CC45947		10	<1	0.29	10	2.76	527	<1	0.02	118	770	3	0.02	<2	5	187
CC45948		10	<1	0.21	10	3.72	607	1	0.02	147	770	18	0.04	<2	6	102
CC45949		10	<1	0.11	10	3.13	619	1	0.02	124	750	16	0.11	3	5	38
CC45950		<10	<1	0.15	10	0.82	357	1	0.02	44	660	22	<0.01	3	3	332

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

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EXCELLENCE IN ANALYTICAL CHEMISTRY

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

Project: RAU

Finalized Date: 8-AUG-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08088169

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
CC45911		<20	<0.01	<10	<10	7	<10	130
CC45912		<20	0.02	<10	<10	37	<10	155
CC45913		<20	0.01	<10	<10	11	<10	124
CC45914		<20	<0.01	<10	<10	10	<10	79
CC45915		<20	0.01	<10	<10	56	<10	332
CC45916		<20	0.02	<10	<10	38	<10	319
CC45917		<20	0.04	<10	<10	61	<10	341
CC45918		<20	0.02	<10	<10	85	<10	1180
CC45919		<20	0.01	<10	<10	34	10	603
CC45920		<20	0.02	<10	<10	77	10	1555
CC45921		<20	0.05	<10	<10	16	<10	62
CC45922		<20	0.19	<10	<10	88	<10	85
CC45923		<20	0.03	<10	<10	12	<10	61
CC45924		<20	0.13	<10	<10	33	<10	42
CC45925		<20	0.08	<10	<10	27	<10	114
CC45926		<20	0.22	<10	<10	70	<10	99
CC45927		<20	0.30	<10	<10	42	<10	63
CC45928		<20	0.13	<10	<10	93	<10	186
CC45929		<20	0.03	<10	<10	17	<10	236
CC45930		<20	0.01	<10	<10	11	<10	473
CC45931		<20	<0.01	<10	<10	11	<10	457
CC45932		<20	<0.01	<10	<10	7	<10	190
CC45933		<20	0.01	<10	<10	13	<10	129
CC45934		<20	0.02	<10	<10	24	<10	222
CC45935		<20	0.01	<10	<10	13	<10	81
CC45936		<20	0.01	<10	<10	11	<10	132
CC45937		<20	0.02	<10	<10	42	<10	358
CC45938		<20	0.02	<10	<10	36	<10	361
CC45939		<20	0.02	<10	<10	25	<10	236
CC45940		<20	0.02	<10	<10	48	<10	619
CC45941		<20	0.02	<10	<10	67	<10	570
CC45942		<20	0.32	<10	<10	71	<10	91
CC45943		<20	0.01	<10	<10	2	<10	22
CC45944		<20	0.12	<10	<10	17	<10	61
CC45945		<20	0.13	<10	<10	34	<10	36
CC45946		<20	0.31	<10	<10	103	<10	102
CC45947		<20	0.39	<10	<10	62	<10	78
CC45948		<20	0.23	<10	<10	78	<10	130
CC45949		<20	0.12	<10	<10	66	<10	140
CC45950		<20	0.03	<10	<10	16	<10	261

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VANCOUVER BC V6B 1L8

Project: RAU

CERTIFICATE OF ANALYSIS VA08088169

Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CC45951		0.28	0.001	<0.2	0.64	33	<10	880	<0.5	<2	17.7	1.8	12	19	14	2.94
CC45952		0.40	0.001	<0.2	0.61	19	<10	240	<0.5	<2	20.4	<0.5	12	19	13	2.63
CC45953		0.34	0.003	<0.2	0.54	19	<10	100	<0.5	<2	20.4	<0.5	10	17	11	2.30
CC45954		0.34	0.004	<0.2	0.96	18	<10	100	<0.5	<2	21.3	<0.5	11	34	14	2.65
CC45955		0.18	0.005	<0.2	0.52	18	<10	60	<0.5	2	18.9	<0.5	8	12	9	1.96
CC45956		0.16	0.004	<0.2	0.53	9	<10	40	<0.5	<2	14.25	<0.5	8	10	8	2.14
CC45957		0.20	0.011	<0.2	1.35	16	<10	150	0.5	2	1.41	0.5	12	23	17	3.42
CC45958		0.18	<0.001	0.2	0.94	10	<10	240	<0.5	2	1.25	<0.5	29	9	20	4.50
CC45959		0.30	0.003	0.2	2.21	24	<10	350	0.9	3	0.83	0.6	17	21	15	4.81
CC45960		0.22	<0.001	<0.2	1.97	23	<10	420	0.8	3	0.69	1.7	17	25	15	4.32
CC45961		0.28	<0.001	0.4	1.73	30	<10	610	0.8	3	1.38	0.8	18	18	16	3.94
CC45962		0.16	<0.001	0.3	1.48	16	<10	260	0.6	2	1.52	0.8	11	20	14	3.05
CC45963		0.14	<0.001	0.2	2.50	4	<10	120	<0.5	<2	1.85	1.1	22	107	38	3.86
CC45964		0.26	0.003	<0.2	3.86	5	<10	100	<0.5	<2	4.15	<0.5	39	129	79	7.14
CC45965		0.22	0.010	0.2	1.57	2	<10	50	<0.5	<2	15.9	<0.5	16	38	49	3.03
CC45966		0.20	0.001	0.2	2.32	14	<10	90	<0.5	<2	9.94	<0.5	26	81	57	4.45
CC45967		0.20	0.002	<0.2	3.51	3	<10	110	<0.5	<2	7.06	<0.5	29	200	68	4.91
CC45968		0.16	0.003	0.3	4.13	2	<10	120	<0.5	<2	4.93	<0.5	32	198	79	5.70
CC45969		0.18	0.004	0.3	2.67	11	<10	450	<0.5	2	10.60	<0.5	22	121	53	4.11
CC45970		0.18	0.001	0.4	4.42	10	<10	180	0.5	<2	2.92	<0.5	34	225	84	6.35
CC45971		0.22	0.005	0.4	1.40	32	<10	150	<0.5	2	14.6	6.5	14	68	33	3.44
CC45972		0.20	0.005	0.3	0.38	16	<10	120	<0.5	<2	22.1	0.7	7	11	15	1.50
CC45973		0.16	0.006	0.3	0.46	15	<10	270	<0.5	<2	21.7	<0.5	11	14	13	2.38
CC45974		0.16	0.002	0.2	0.89	19	<10	260	<0.5	<2	18.1	<0.5	13	36	17	2.59
CC45975		0.18	0.002	0.3	1.35	16	<10	250	<0.5	<2	18.8	<0.5	14	60	20	2.76
CC45976		0.16	0.009	0.2	0.61	20	<10	200	<0.5	<2	19.8	<0.5	9	18	13	2.22
CC45977		0.18	0.002	0.2	0.68	14	<10	90	<0.5	<2	22.3	<0.5	5	11	10	1.39
CC45978		0.26	0.003	0.3	1.25	16	<10	90	<0.5	<2	12.70	<0.5	12	42	17	2.84
CC45979		0.20	0.001	0.2	0.92	12	<10	140	<0.5	<2	0.46	<0.5	12	14	16	3.05
CC45980		0.08	0.003	0.3	1.31	8	<10	230	0.6	<2	1.87	<0.5	14	14	18	2.86
CC45981		0.18	0.002	0.3	1.89	19	<10	250	0.5	<2	0.48	<0.5	12	31	14	3.34
CC45982		0.20	0.003	0.2	2.17	27	<10	350	0.5	2	0.61	0.5	14	35	14	3.72
CC45983		0.18	0.005	0.3	1.95	30	<10	260	0.6	2	0.53	<0.5	9	33	14	3.08
CC45984		0.26	0.045	0.2	1.96	7	<10	150	<0.5	<2	0.33	<0.5	16	70	16	3.62
CC45985		0.24	0.001	<0.2	5.48	2	<10	80	0.5	<2	2.61	<0.5	28	165	55	7.24
CC45986		0.20	0.002	<0.2	3.49	4	<10	80	<0.5	<2	5.98	<0.5	24	131	52	4.48
CC45987		0.14	0.003	0.2	2.69	6	<10	110	<0.5	<2	7.90	<0.5	23	98	65	4.22
CC45988		0.20	0.003	<0.2	2.74	4	<10	90	<0.5	<2	10.05	<0.5	21	95	57	3.96
CC45989		0.16	0.003	0.2	2.72	7	<10	180	<0.5	2	5.27	<0.5	24	100	61	4.49
CC45990		0.18	<0.001	0.2	5.42	3	<10	290	<0.5	<2	2.91	<0.5	35	255	79	6.91

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	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC45951		<10	<1	0.15	20	0.64	451	1	0.02	46	890	37	<0.01	4	2	322
CC45952		<10	<1	0.11	10	0.90	294	1	0.01	43	770	7	<0.01	<2	3	431
CC45953		<10	<1	0.14	10	0.78	229	<1	0.01	39	660	8	<0.01	2	2	392
CC45954		<10	<1	0.11	10	1.19	340	1	0.02	45	770	13	<0.01	4	3	359
CC45955		<10	<1	0.13	10	0.88	259	1	0.02	24	940	5	<0.01	2	1	216
CC45956		<10	<1	0.16	10	0.77	279	1	0.01	20	1080	<2	0.09	2	2	243
CC45957		<10	<1	0.16	20	0.36	465	1	0.02	34	1560	12	0.11	3	3	29
CC45958		<10	<1	0.19	10	0.19	1140	2	0.02	25	2100	7	0.15	3	1	26
CC45959		<10	<1	0.14	20	0.48	460	3	0.01	32	2250	20	0.08	2	3	21
CC45960		10	<1	0.15	20	0.48	963	3	0.02	32	1760	55	0.07	3	3	18
CC45961		10	<1	0.10	20	0.79	920	3	0.01	34	1310	89	0.09	<2	3	18
CC45962		<10	1	0.12	10	0.44	696	1	0.01	20	2020	24	0.18	<2	2	19
CC45963		10	1	0.11	10	2.05	763	<1	0.01	91	1040	12	0.17	<2	5	61
CC45964		10	<1	0.53	10	2.82	912	<1	0.01	153	860	11	0.13	4	6	111
CC45965		<10	<1	0.17	10	1.24	776	<1	<0.01	60	350	7	<0.01	3	3	291
CC45966		<10	<1	0.37	10	1.62	735	<1	0.01	101	470	15	0.08	2	4	212
CC45967		10	<1	0.55	10	3.23	562	<1	0.01	130	860	6	0.07	3	8	196
CC45968		10	<1	0.23	10	4.14	548	<1	0.01	152	730	17	0.08	6	6	121
CC45969		10	<1	0.22	10	2.43	630	<1	0.01	99	640	24	0.07	4	5	149
CC45970		10	<1	0.17	10	4.71	611	<1	<0.01	165	760	25	0.07	4	8	62
CC45971		<10	<1	0.18	10	1.20	899	<1	<0.01	61	490	165	0.09	6	5	272
CC45972		<10	<1	0.13	<10	0.43	306	<1	<0.01	28	300	21	<0.01	2	2	216
CC45973		<10	<1	0.15	10	0.82	290	<1	0.01	35	750	8	<0.01	<2	2	586
CC45974		<10	1	0.15	10	1.29	313	<1	0.01	50	750	16	<0.01	3	3	340
CC45975		<10	1	0.15	10	1.74	399	<1	0.01	59	770	20	<0.01	2	4	312
CC45976		<10	<1	0.13	10	0.52	350	<1	0.01	29	680	24	<0.01	<2	2	280
CC45977		<10	1	0.13	10	0.37	585	<1	0.01	15	850	14	<0.01	<2	1	142
CC45978		<10	<1	0.14	20	0.81	336	<1	0.01	45	770	9	0.05	<2	3	187
CC45979		<10	1	0.11	20	0.11	708	1	<0.01	27	980	15	0.06	<2	2	10
CC45980		<10	1	0.14	20	0.22	621	1	0.01	22	2040	12	0.17	<2	2	28
CC45981		10	<1	0.10	10	0.44	639	2	0.01	26	1250	33	0.10	<2	1	16
CC45982		10	<1	0.11	10	0.49	989	2	0.01	27	1240	47	0.09	2	2	17
CC45983		10	<1	0.11	10	0.58	414	1	0.01	28	1020	23	0.08	<2	3	17
CC45984		10	<1	0.11	10	1.07	322	1	0.01	53	420	11	0.06	<2	3	20
CC45985		20	1	0.11	10	6.03	907	<1	0.01	123	950	4	0.05	6	7	36
CC45986		10	<1	0.11	10	3.50	839	<1	0.01	97	600	7	0.07	<2	7	118
CC45987		10	<1	0.38	<10	2.14	495	<1	0.01	104	630	4	0.11	2	4	215
CC45988		10	<1	0.29	10	2.39	535	<1	0.01	86	580	7	0.07	<2	5	254
CC45989		10	<1	0.33	10	1.98	619	<1	0.01	104	500	11	0.10	2	4	100
CC45990		20	<1	0.30	10	6.07	564	<1	0.01	176	830	9	0.06	3	7	73

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

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EXCELLENCE IN ANALYTICAL CHEMISTRY

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

Project: RAU

Finalized Date: 8-AUG-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08088169

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
CC45951		<20	0.01	<10	<10	11	<10	677
CC45952		<20	0.01	<10	<10	10	<10	149
CC45953		<20	0.01	<10	<10	9	<10	96
CC45954		<20	0.02	<10	<10	19	<10	134
CC45955		<20	0.01	<10	<10	8	<10	125
CC45956		<20	<0.01	<10	<10	7	<10	54
CC45957		<20	0.01	<10	<10	32	<10	107
CC45958		<20	0.01	<10	<10	30	<10	76
CC45959		<20	0.02	<10	<10	65	10	250
CC45960		<20	0.02	<10	<10	66	<10	378
CC45961		<20	0.02	<10	<10	54	10	290
CC45962		<20	0.02	<10	<10	57	<10	331
CC45963		<20	0.12	<10	<10	49	<10	101
CC45964		<20	0.43	<10	<10	55	<10	127
CC45965		<20	0.08	<10	<10	19	<10	48
CC45966		<20	0.25	<10	<10	35	<10	94
CC45967		<20	0.25	<10	<10	84	<10	84
CC45968		<20	0.24	<10	<10	90	<10	109
CC45969		<20	0.18	<10	<10	55	<10	155
CC45970		<20	0.18	<10	<10	101	<10	182
CC45971		<20	0.07	<10	<10	28	<10	1480
CC45972		<20	0.01	<10	<10	7	<10	285
CC45973		<20	0.01	<10	<10	8	<10	101
CC45974		<20	0.01	<10	<10	20	<10	128
CC45975		<20	0.03	<10	<10	31	<10	156
CC45976		<20	0.01	<10	<10	13	<10	114
CC45977		<20	0.02	<10	<10	12	<10	218
CC45978		<20	0.07	<10	<10	26	<10	76
CC45979		<20	0.01	<10	<10	19	<10	54
CC45980		<20	0.01	<10	<10	30	<10	83
CC45981		<20	0.03	<10	<10	65	<10	126
CC45982		<20	0.03	<10	<10	80	<10	237
CC45983		<20	0.03	<10	<10	61	<10	147
CC45984		<20	0.23	<10	<10	64	<10	80
CC45985		<20	0.50	<10	<10	90	<10	93
CC45986		<20	0.31	<10	<10	69	<10	78
CC45987		<20	0.24	<10	<10	43	<10	68
CC45988		<20	0.20	<10	<10	49	<10	68
CC45989		<20	0.21	<10	<10	43	<10	86
CC45990		<20	0.27	<10	<10	118	<10	109

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

Project: RAU

Finalized Date: 8-AUG-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08088169

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
CC45991		0.20	0.001	0.2	3.28	5	<10	80	<0.5	<2	11.65	<0.5	23	149	46	4.30
CC45992		0.20	0.001	0.2	1.00	37	<10	100	<0.5	<2	14.6	0.9	9	60	16	2.55
CC45993		0.22	0.002	0.4	0.46	18	<10	120	<0.5	<2	21.1	1.1	10	15	20	1.88
CC45994		0.30	0.002	0.2	0.55	16	<10	770	<0.5	<2	20.0	0.6	13	27	21	1.90
CC45995		0.20	0.002	0.2	0.76	19	<10	90	<0.5	<2	22.8	<0.5	11	31	15	2.22
CC45996		0.22	0.004	0.2	0.47	23	<10	140	<0.5	<2	21.1	0.7	8	16	12	1.98
CC45997		0.26	0.007	<0.2	0.49	23	<10	240	<0.5	2	20.4	<0.5	8	15	12	2.09
CC45998		0.18	<0.001	<0.2	0.54	12	<10	50	<0.5	<2	23.1	<0.5	7	14	9	1.64
CC45999		0.08	0.007	<0.2	1.05	46	<10	110	<0.5	<2	3.26	0.5	15	20	15	4.36
CC46000		0.20	0.005	0.3	0.82	38	<10	110	<0.5	2	5.47	0.5	20	20	28	4.30
CC44001		0.16	0.003	0.2	0.89	12	<10	150	0.5	2	0.89	<0.5	13	12	22	3.86
CC44002		0.16	0.017	0.3	1.82	36	<10	270	0.7	2	0.97	0.5	14	34	24	3.62
CC44003		0.16	0.007	0.2	1.75	25	<10	240	0.6	4	0.69	0.5	11	34	17	3.43
CC44004		0.16	0.004	0.2	1.94	26	<10	280	0.6	3	0.68	0.7	11	35	13	3.44
CC44005		0.40	<0.001	<0.2	2.90	<2	<10	80	<0.5	4	1.89	<0.5	25	126	29	4.59
CC44006		0.28	0.002	<0.2	3.24	6	<10	150	0.5	2	0.74	<0.5	31	136	40	5.09
CC44007		0.30	0.001	<0.2	3.74	2	<10	110	<0.5	<2	0.75	<0.5	33	156	62	5.52
CC44008		0.22	0.002	<0.2	2.20	<2	<10	50	<0.5	<2	17.4	<0.5	12	63	24	2.83
CC44009		0.30	<0.001	<0.2	3.98	<2	<10	70	0.5	<2	6.76	<0.5	29	153	59	5.39
CC44010		0.18	0.003	<0.2	1.84	2	<10	280	<0.5	<2	6.97	<0.5	19	58	37	3.90
CC44011		0.28	0.002	<0.2	2.55	7	<10	100	<0.5	2	7.34	<0.5	24	97	56	4.85
CC44012		0.26	0.001	<0.2	2.37	<2	<10	80	<0.5	<2	17.6	<0.5	19	124	43	3.58
CC44013		0.30	0.001	<0.2	1.32	4	<10	90	<0.5	<2	18.4	<0.5	12	75	16	3.17
CC44014		0.26	0.002	<0.2	0.35	17	<10	60	<0.5	<2	23.6	<0.5	5	11	11	1.43
CC44015		0.28	0.005	<0.2	0.48	25	<10	1950	<0.5	2	21.9	1.6	7	12	13	1.76
CC44016		0.22	0.002	<0.2	3.55	16	<10	220	0.9	<2	7.58	<0.5	27	189	31	4.86
CC44017		0.28	0.001	<0.2	2.17	28	<10	140	0.6	<2	11.90	0.8	21	109	27	4.20
CC44018		0.30	0.032	<0.2	0.36	91	<10	70	<0.5	4	20.2	<0.5	12	9	13	3.32
CC44019		0.28	0.005	<0.2	0.67	12	<10	80	<0.5	2	22.6	<0.5	7	15	10	1.59
CC44020		0.30	0.004	<0.2	0.81	39	<10	100	<0.5	<2	10.60	0.6	19	15	22	4.60
CC44021		0.28	0.010	<0.2	0.88	54	<10	130	<0.5	<2	7.89	<0.5	18	20	22	4.25
CC44022		0.36	0.002	<0.2	0.51	18	<10	70	<0.5	<2	9.18	<0.5	14	9	22	3.31
CC44023		0.28	0.008	0.4	1.61	30	<10	250	0.7	2	1.79	0.7	14	28	23	3.76
CC44024		0.24	0.060	0.2	1.68	30	<10	240	0.7	3	2.78	0.8	12	33	19	3.75
CC44025		0.26	0.011	0.4	1.38	45	<10	210	0.6	6	4.35	1.2	12	26	17	3.59
CC44026		0.36	0.001	<0.2	0.73	7	<10	50	<0.5	<2	15.9	<0.5	10	16	17	2.57
CC44027		0.38	0.002	<0.2	1.74	3	<10	70	<0.5	2	11.80	<0.5	15	60	21	3.02
CC44028		0.48	0.001	<0.2	3.05	4	<10	140	<0.5	2	0.67	<0.5	28	140	27	4.93
CC44029		0.44	0.002	<0.2	2.83	2	<10	130	<0.5	3	0.59	<0.5	28	125	22	5.53
CC44030		0.38	0.001	<0.2	4.13	5	<10	90	0.5	<2	4.23	<0.5	26	161	50	5.24

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: RAU

Finalized Date: 8-AUG-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08088169

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC45991		10	<1	0.20	10	3.44	422	<1	<0.01	107	590	8	0.07	3	6	190
CC45992		<10	<1	0.16	10	0.94	388	<1	0.01	36	390	20	0.10	2	3	261
CC45993		<10	<1	0.13	<10	0.44	433	1	<0.01	35	320	36	<0.01	2	2	210
CC45994		<10	<1	0.14	10	0.69	430	<1	<0.01	57	680	14	<0.01	4	3	204
CC45995		<10	<1	0.21	10	1.27	267	<1	<0.01	42	660	7	<0.01	3	4	475
CC45996		<10	<1	0.14	10	0.79	262	<1	0.01	28	660	41	<0.01	3	2	261
CC45997		<10	<1	0.10	10	0.59	320	<1	<0.01	28	600	16	<0.01	<2	1	334
CC45998		<10	<1	0.08	10	0.57	248	<1	<0.01	20	580	9	<0.01	<2	2	207
CC45999		<10	<1	0.17	20	0.45	751	1	0.01	37	1440	15	0.16	<2	2	51
CC46000		<10	<1	0.22	20	0.44	329	1	0.01	77	1740	23	0.09	<2	4	57
CC44001		<10	<1	0.14	20	0.18	347	<1	<0.01	29	1310	24	0.04	<2	3	16
CC44002		10	<1	0.14	20	0.63	625	3	0.02	49	1200	26	0.05	2	4	25
CC44003		10	<1	0.12	20	0.60	597	2	0.01	34	1410	29	0.08	3	3	19
CC44004		10	<1	0.12	10	0.57	761	2	0.01	27	1680	28	0.10	<2	2	18
CC44005		<10	1	0.21	10	2.94	399	<1	0.01	96	850	5	0.02	<2	4	34
CC44006		10	<1	0.29	10	2.89	568	<1	0.01	115	810	4	0.02	<2	4	31
CC44007		10	1	0.08	10	3.26	618	<1	<0.01	113	480	7	0.02	<2	3	48
CC44008		<10	<1	0.08	10	2.16	618	<1	0.01	50	360	3	<0.01	<2	5	361
CC44009		10	1	0.28	10	3.99	627	<1	<0.01	132	820	4	0.03	<2	8	153
CC44010		<10	1	0.20	10	1.24	748	<1	0.01	72	690	21	0.10	<2	2	108
CC44011		10	<1	0.20	10	1.94	741	<1	<0.01	102	530	20	0.05	<2	4	124
CC44012		<10	1	0.15	10	2.28	376	<1	0.01	89	430	12	<0.01	<2	5	228
CC44013		<10	<1	0.17	10	1.27	443	<1	<0.01	50	470	8	<0.01	<2	4	467
CC44014		<10	<1	0.10	10	0.51	313	1	<0.01	20	210	9	<0.01	<2	2	237
CC44015		<10	<1	0.07	10	0.65	798	1	0.01	25	360	41	<0.01	3	2	126
CC44016		<10	<1	0.45	10	3.87	742	<1	0.01	139	770	5	0.07	<2	10	113
CC44017		<10	<1	0.17	10	2.40	527	<1	0.01	102	1000	42	0.07	<2	7	180
CC44018		<10	<1	0.13	10	0.59	401	<1	<0.01	39	960	10	<0.01	<2	3	442
CC44019		<10	1	0.06	10	0.46	403	<1	<0.01	20	500	11	<0.01	<2	2	126
CC44020		<10	<1	0.16	20	0.56	456	<1	0.01	49	1180	48	0.06	<2	2	133
CC44021		<10	<1	0.16	30	0.46	403	<1	0.01	59	1260	21	0.06	2	3	106
CC44022		<10	<1	0.10	20	0.30	251	1	0.01	37	1150	17	0.02	<2	2	91
CC44023		<10	<1	0.11	20	0.99	741	2	0.01	46	1520	29	0.05	<2	3	27
CC44024		<10	<1	0.11	20	1.76	984	2	0.01	39	980	48	0.04	3	4	29
CC44025		<10	1	0.09	20	2.81	1260	3	0.01	38	1060	54	0.03	<2	3	32
CC44026		<10	<1	0.11	10	1.66	399	<1	<0.01	34	330	9	0.03	<2	3	180
CC44027		<10	1	0.15	10	1.98	335	<1	0.01	51	580	6	0.02	<2	3	158
CC44028		10	1	0.28	10	2.77	408	<1	0.01	105	870	4	0.02	<2	3	28
CC44029		10	<1	0.31	10	2.41	358	<1	0.01	102	520	5	0.03	<2	3	15
CC44030		10	<1	0.10	20	4.24	633	<1	<0.01	115	740	4	0.02	<2	9	82

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CERTIFICATE OF ANALYSIS VA08088169

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
CC45991		<20	0.16	<10	<10	70	<10	78
CC45992		<20	0.06	<10	<10	20	<10	220
CC45993		<20	0.01	<10	<10	8	<10	614
CC45994		<20	0.01	<10	<10	15	<10	238
CC45995		<20	0.01	<10	<10	16	<10	64
CC45996		<20	0.01	<10	<10	9	<10	218
CC45997		<20	0.01	<10	<10	10	<10	95
CC45998		<20	0.01	<10	<10	10	<10	78
CC45999		<20	0.01	<10	<10	20	<10	146
CC46000		<20	0.01	<10	<10	21	<10	169
CC44001		<20	0.01	<10	<10	21	<10	82
CC44002		<20	0.03	<10	<10	68	<10	198
CC44003		<20	0.03	<10	<10	54	<10	236
CC44004		<20	0.02	<10	<10	63	10	197
CC44005		<20	0.31	<10	<10	57	<10	94
CC44006		<20	0.39	<10	<10	72	<10	104
CC44007		<20	0.50	<10	<10	86	<10	104
CC44008		<20	0.14	<10	<10	39	<10	44
CC44009		<20	0.44	<10	<10	78	<10	79
CC44010		<20	0.08	<10	<10	25	<10	93
CC44011		<20	0.23	<10	<10	43	<10	180
CC44012		<20	0.18	<10	<10	57	<10	72
CC44013		<20	0.09	<10	<10	25	<10	58
CC44014		<20	0.01	<10	<10	5	<10	132
CC44015		<20	0.01	<10	<10	13	<10	650
CC44016		<20	0.14	<10	<10	89	<10	99
CC44017		<20	0.07	<10	<10	55	<10	322
CC44018		<20	0.01	<10	<10	7	<10	52
CC44019		<20	0.02	<10	10	16	<10	99
CC44020		<20	0.01	<10	<10	14	<10	271
CC44021		<20	0.01	<10	<10	18	<10	167
CC44022		<20	0.02	<10	<10	15	<10	110
CC44023		<20	0.02	<10	<10	57	<10	212
CC44024		<20	0.03	<10	<10	54	<10	266
CC44025		<20	0.03	<10	<10	54	10	393
CC44026		<20	0.02	<10	<10	15	<10	52
CC44027		<20	0.21	<10	<10	32	<10	65
CC44028		<20	0.35	<10	<10	66	<10	101
CC44029		<20	0.53	<10	<10	69	<10	93
CC44030		<20	0.36	<10	<10	93	<10	82

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CERTIFICATE OF ANALYSIS VA08088169

Method	WEI-21	Au-ICP21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
Sample Description LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CC44031	0.30	0.002	<0.2	4.37	<2	<10	90	0.5	2	0.97	<0.5	37	195	64	6.41
CC44032	0.32	0.001	<0.2	3.12	<2	<10	90	<0.5	2	2.08	<0.5	31	129	63	6.03
CC44033	0.30	0.001	0.2	0.27	6	<10	30	<0.5	<2	>25.0	<0.5	5	6	12	1.08
CC44034	0.32	0.001	<0.2	4.91	3	<10	180	<0.5	<2	4.17	<0.5	42	282	111	6.64
CC44035	0.28	0.001	0.2	1.36	19	<10	50	<0.5	<2	13.60	<0.5	8	38	11	2.18
CC44036	0.32	0.002	<0.2	0.32	13	<10	50	<0.5	<2	22.6	<0.5	5	8	9	1.49
CC44037	0.60	0.001	0.4	1.59	19	<10	2040	0.5	<2	19.9	1.6	14	74	27	2.58
CC44038	0.22	0.005	0.2	3.55	24	<10	240	0.9	<2	4.64	<0.5	30	198	49	5.28
CC44039	0.36	0.007	0.2	0.87	30	<10	200	<0.5	<2	18.4	<0.5	11	34	20	2.52
CC44040	0.22	0.020	0.4	1.20	47	<10	160	<0.5	3	9.86	0.6	16	46	24	3.75
CC44041	0.20	0.013	0.3	1.09	71	<10	200	0.5	2	6.34	0.6	18	30	21	4.80
CC44042	0.28	0.005	0.3	1.41	30	<10	130	0.5	<2	4.08	<0.5	16	38	24	3.77
CC44043	0.20	0.004	0.4	0.83	18	<10	140	<0.5	<2	3.36	<0.5	10	16	19	2.47
CC44044	0.26	0.012	0.5	1.49	40	<10	330	0.7	<2	1.27	0.8	17	23	32	3.87
CC44045	0.24	0.010	0.5	1.47	26	<10	340	0.6	<2	4.00	1.0	11	28	17	2.97
CC44046	0.20	0.008	0.4	1.72	29	<10	340	0.7	2	0.99	0.9	13	32	21	3.43

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

Project: RAU

Finalized Date: 8-AUG-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08088169

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC44031		20	<1	0.21	10	4.14	762	<1	<0.01	171	510	8	0.05	<2	5	36
CC44032		10	<1	0.18	10	2.47	896	<1	<0.01	132	500	9	0.07	<2	6	74
CC44033		<10	1	0.03	<10	0.51	258	1	0.01	17	160	10	<0.01	<2	2	297
CC44034		10	1	0.76	10	4.74	659	<1	0.01	196	640	3	0.05	3	9	137
CC44035		<10	<1	0.20	<10	1.74	187	1	0.01	40	260	7	0.08	<2	3	165
CC44036		<10	<1	0.08	<10	1.00	448	<1	0.01	21	280	8	<0.01	<2	2	336
CC44037		<10	<1	0.14	<10	1.92	446	<1	0.01	67	760	32	<0.01	5	5	164
CC44038		10	<1	0.34	20	4.15	749	<1	0.01	150	1480	19	0.10	3	11	73
CC44039		<10	1	0.10	10	1.19	336	<1	0.01	45	790	16	<0.01	2	4	374
CC44040		<10	<1	0.17	20	1.34	589	<1	0.01	62	1260	28	0.13	2	3	181
CC44041		<10	1	0.18	20	0.67	825	<1	0.01	56	1130	30	0.10	3	3	96
CC44042		<10	<1	0.13	20	0.75	561	<1	0.02	55	870	20	0.06	<2	4	54
CC44043		<10	<1	0.11	20	0.26	546	<1	0.02	31	1280	15	0.19	<2	2	55
CC44044		<10	<1	0.12	20	0.45	529	3	0.01	45	2510	54	0.08	4	4	29
CC44045		<10	<1	0.08	10	2.49	1160	1	0.02	30	1130	45	0.09	4	2	26
CC44046		<10	<1	0.10	20	0.77	1010	2	0.02	38	1160	53	0.07	3	3	24

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CERTIFICATE OF ANALYSIS VA08088169

Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
Analyte	Th	Ti	Tl	U	V	W	Zn
Units	ppm	%	ppm	ppm	ppm	ppm	ppm
Sample Description LOR	20	0.01	10	10	1	10	2
CC44031	<20	0.56	<10	<10	95	<10	115
CC44032	<20	0.25	<10	<10	59	<10	93
CC44033	<20	0.01	<10	<10	4	<10	41
CC44034	<20	0.41	<10	<10	126	<10	94
CC44035	<20	0.04	<10	<10	16	<10	157
CC44036	<20	0.01	<10	<10	5	<10	53
CC44037	<20	0.04	<10	<10	40	<10	685
CC44038	<20	0.15	<10	<10	101	<10	189
CC44039	<20	0.04	<10	<10	22	<10	128
CC44040	<20	0.03	<10	<10	29	<10	197
CC44041	<20	0.02	<10	<10	25	<10	190
CC44042	<20	0.04	<10	<10	39	<10	149
CC44043	<20	0.01	<10	<10	19	<10	91
CC44044	<20	0.02	<10	<10	52	<10	514
CC44045	<20	0.03	<10	<10	49	<10	309
CC44046	<20	0.03	<10	<10	60	<10	408

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CERTIFICATE OF ANALYSIS VA08088169

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non-sufficient sample.

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Finalized Date: 7-AUG-2008
Account: RCM

CERTIFICATE VA08088168

Project: RAU

P.O. No.:

This report is for 250 Soil samples submitted to our lab in Vancouver, BC, Canada on 2-JUL-2008.

The following have access to data associated with this certificate:

AL ARCHER BILL WENGZYNOWSKI	DOUG EATON	JOAN MARIACHER

SAMPLE PREPARATION

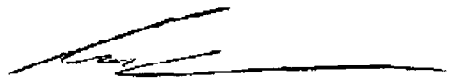
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
SCR-43	Screen to -500um, discard plus
PUL-31	Pulverize split to 85% <75 um
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: **ATAC RESOURCES LTD.**
ATTN: AL ARCHER
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.

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 7-AUG-2008
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CERTIFICATE OF ANALYSIS VA08088168

Method	WEI-21	Au-ICP21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
Sample Description LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CC45501	0.14	0.001	<0.2	1.74	44	<10	160	0.5	<2	1.92	1.0	14	52	29	3.38
CC45502	0.14	<0.001	<0.2	1.83	9	<10	100	0.6	<2	2.32	<0.5	21	80	26	3.51
CC45503	0.18	0.002	<0.2	1.69	23	<10	160	0.7	<2	1.95	<0.5	17	53	33	3.91
CC45504	0.12	0.001	<0.2	3.37	17	<10	100	0.9	<2	2.52	<0.5	18	80	21	4.99
CC45505	0.20	<0.001	<0.2	3.54	15	<10	110	1.0	<2	2.48	<0.5	21	83	25	5.62
CC45506	0.20	0.002	<0.2	2.91	16	<10	100	0.8	<2	1.70	<0.5	18	73	19	4.59
CC45507	0.18	0.002	<0.2	2.25	19	<10	120	0.6	<2	1.60	<0.5	16	59	16	4.27
CC45508	0.12	0.012	<0.2	1.89	17	<10	190	0.6	<2	1.51	<0.5	15	50	20	3.62
CC45509	0.24	0.003	0.3	1.65	24	<10	220	0.6	<2	1.07	<0.5	15	43	25	3.64
CC45510	0.14	0.002	0.3	1.79	23	<10	310	0.6	<2	1.81	0.8	15	47	25	3.73
CC45511	0.10	0.002	0.4	1.23	25	<10	490	<0.5	<2	4.01	0.8	11	28	22	2.89
CC45512	0.16	0.012	0.4	1.26	30	<10	410	0.5	<2	6.78	1.0	10	30	22	2.87
CC45513	0.18	0.008	0.4	1.33	23	<10	440	0.5	<2	2.11	0.6	11	29	24	2.81
CC45514	0.18	0.007	0.4	1.60	28	<10	370	0.6	<2	1.21	0.7	13	36	27	3.36
CC45515	0.14	0.002	0.3	1.53	24	<10	310	0.5	<2	1.20	<0.5	12	33	21	3.30
CC45516	0.14	0.003	0.2	1.49	21	<10	400	0.5	<2	1.65	0.6	11	31	15	3.01
CC45517	0.10	0.006	0.3	1.49	28	<10	430	0.5	<2	1.39	1.2	12	33	20	3.30
CC45518	0.20	0.005	0.2	1.22	30	<10	310	<0.5	<2	2.26	0.8	10	27	30	2.77
CC45519	0.36	0.008	<0.2	1.04	29	<10	390	<0.5	<2	3.61	0.5	9	23	31	2.66
CC45520	0.30	0.094	0.2	1.11	881	<10	310	<0.5	7	11.70	0.6	11	38	30	3.30
CC45521	0.24	0.004	0.2	1.07	37	<10	440	<0.5	<2	4.39	0.8	9	23	27	2.44
CC45522	0.30	0.008	0.2	2.09	67	<10	150	0.5	<2	4.43	0.6	17	89	29	3.84
CC45523	0.28	0.006	0.2	2.25	56	<10	170	0.7	<2	1.51	<0.5	22	82	46	4.89
CC45524	0.22	0.015	<0.2	1.77	67	<10	160	0.7	<2	1.32	<0.5	19	52	34	4.10
CC45525	0.26	0.058	0.2	1.84	651	<10	230	0.6	<2	2.28	1.0	17	60	34	4.10
CC45526	0.16	0.413	0.3	1.60	887	<10	280	<0.5	7	5.03	1.7	14	57	34	3.89
CC45527	0.20	0.003	0.2	3.20	28	<10	120	0.9	4	1.79	<0.5	18	78	26	4.66
CC45528	0.14	0.012	0.2	2.70	146	<10	160	0.8	4	2.20	<0.5	16	70	26	4.24
CC45529	0.18	0.143	0.3	1.20	535	<10	270	<0.5	11	9.10	1.0	13	44	29	3.22
CC45530	0.14	0.096	0.5	1.34	557	<10	250	<0.5	16	8.56	0.8	14	46	29	3.39
CC45531	0.18	0.068	0.4	1.21	768	<10	230	<0.5	10	8.94	0.7	12	42	26	3.27
CC45532	0.16	0.112	0.5	1.34	881	<10	300	<0.5	12	9.59	0.7	15	53	28	3.62
CC45533	0.18	0.007	0.4	1.68	60	<10	340	0.6	6	1.24	0.6	13	39	22	3.31
CC45534	0.20	0.008	0.2	1.29	41	<10	250	0.5	8	0.85	0.9	11	29	22	2.91
CC45535	0.24	0.088	0.4	1.41	172	<10	290	0.5	10	2.09	0.9	13	35	28	3.33
CC45536	0.20	0.065	0.4	1.02	443	<10	480	<0.5	13	14.7	0.7	13	37	29	3.22
CC45537	0.22	0.099	0.5	0.86	430	<10	400	<0.5	10	17.7	0.7	12	34	25	2.84
CC45538	0.18	0.130	0.2	1.18	611	<10	310	<0.5	9	11.05	0.8	11	39	32	3.03
CC45539	0.22	0.213	0.4	1.13	590	<10	320	<0.5	12	11.00	0.6	12	39	28	3.15
CC45540	0.12	0.140	0.5	1.37	456	<10	370	<0.5	10	10.45	0.5	14	47	31	3.53

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Project: RAU

CERTIFICATE OF ANALYSIS VA08088168

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC45501		10	<1	0.09	10	0.94	1020	<1	0.01	49	890	36	0.08	2	3	25
CC45502		10	<1	0.12	10	1.23	904	<1	<0.01	72	1060	10	0.11	2	4	34
CC45503		10	<1	0.12	20	0.84	806	<1	0.01	52	1030	19	0.08	2	3	36
CC45504		10	<1	0.08	10	2.01	682	<1	0.06	52	1030	10	0.08	<2	6	165
CC45505		10	<1	0.07	10	2.29	890	<1	0.06	67	1300	11	0.06	2	7	186
CC45506		10	<1	0.07	10	1.73	674	<1	0.04	51	920	22	0.07	3	5	133
CC45507		10	<1	0.08	10	1.35	599	<1	0.03	47	960	25	0.06	2	4	97
CC45508		10	<1	0.08	10	1.05	724	<1	0.02	44	860	36	0.06	<2	4	68
CC45509		10	<1	0.07	20	0.91	616	<1	0.01	43	1080	54	0.03	2	4	43
CC45510		10	<1	0.09	10	1.08	759	<1	0.02	46	1150	91	0.06	3	4	57
CC45511		<10	<1	0.07	10	2.09	882	<1	0.01	31	1200	78	0.06	2	2	35
CC45512		10	<1	0.07	10	4.64	757	1	0.01	33	1110	99	0.02	3	3	43
CC45513		<10	<1	0.07	10	0.80	723	<1	<0.01	30	1050	59	0.07	2	2	21
CC45514		<10	<1	0.08	10	0.88	835	<1	0.01	39	1130	63	0.03	3	3	23
CC45515		10	<1	0.07	10	0.79	597	<1	0.01	31	700	54	0.05	2	3	21
CC45516		10	<1	0.06	10	0.74	905	<1	<0.01	25	960	57	0.05	2	3	22
CC45517		10	<1	0.07	10	0.78	880	<1	0.01	33	720	60	0.04	2	3	23
CC45518		<10	<1	0.08	10	1.26	551	<1	0.01	31	1020	42	0.02	2	3	32
CC45519		<10	<1	0.10	10	1.95	589	<1	0.01	29	1000	23	<0.01	2	3	45
CC45520		<10	<1	0.10	10	3.35	633	<1	<0.01	41	760	31	0.03	2	3	117
CC45521		<10	<1	0.07	10	2.72	520	<1	<0.01	28	930	26	0.02	<2	3	35
CC45522		<10	<1	0.14	10	2.32	806	<1	0.01	72	810	49	0.06	2	4	33
CC45523		10	<1	0.10	20	1.36	953	<1	0.01	69	850	23	0.06	<2	5	36
CC45524		<10	<1	0.10	20	0.94	1160	<1	<0.01	48	1100	20	0.07	<2	3	31
CC45525		10	<1	0.10	10	1.31	904	<1	0.01	55	1110	30	0.10	<2	3	31
CC45526		<10	<1	0.15	10	2.55	866	<1	<0.01	55	1010	27	0.12	<2	3	48
CC45527		10	1	0.07	10	1.86	755	1	0.07	64	1280	20	0.05	<2	6	132
CC45528		10	<1	0.07	10	1.63	747	1	0.06	56	1270	21	0.08	<2	5	121
CC45529		<10	<1	0.10	10	2.57	607	1	0.03	49	730	29	0.10	<2	3	101
CC45530		<10	<1	0.21	10	2.75	641	1	0.03	50	880	31	0.09	<2	3	89
CC45531		<10	<1	0.13	10	2.35	684	1	0.03	45	930	28	0.10	<2	3	111
CC45532		<10	<1	0.12	10	2.68	604	1	0.03	56	800	27	0.07	2	3	104
CC45533		<10	<1	0.07	10	0.88	621	1	0.03	37	1020	68	0.05	<2	3	30
CC45534		<10	<1	0.06	10	0.67	636	2	0.02	33	640	47	0.02	<2	3	23
CC45535		<10	1	0.07	10	1.13	767	2	0.03	41	1010	49	0.06	<2	3	32
CC45536		<10	<1	0.14	10	2.87	656	1	0.03	45	730	32	0.06	<2	3	150
CC45537		<10	<1	0.12	10	2.81	628	1	0.03	43	550	30	<0.01	<2	3	177
CC45538		<10	<1	0.08	10	3.08	559	1	0.03	41	690	34	0.04	<2	3	124
CC45539		<10	<1	0.15	10	2.88	597	1	0.03	43	800	29	0.06	2	3	124
CC45540		<10	<1	0.13	10	3.13	577	1	0.03	50	710	37	0.05	<2	4	121

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

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

Project: RAU

Finalized Date: 7-AUG-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08088168

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
CC45501		<20	0.06	<10	<10	44	<10	479
CC45502		<20	0.09	<10	<10	41	<10	73
CC45503		<20	0.08	<10	<10	44	<10	133
CC45504		<20	0.11	<10	<10	76	<10	126
CC45505		<20	0.12	<10	<10	80	<10	126
CC45506		<20	0.08	<10	<10	67	<10	174
CC45507		<20	0.07	<10	<10	55	<10	153
CC45508		<20	0.06	<10	<10	51	<10	177
CC45509		<20	0.06	<10	<10	50	<10	247
CC45510		<20	0.06	<10	<10	51	<10	354
CC45511		<20	0.04	<10	<10	44	<10	292
CC45512		<20	0.05	<10	<10	48	<10	361
CC45513		<20	0.04	<10	<10	46	<10	257
CC45514		<20	0.05	<10	<10	54	<10	284
CC45515		<20	0.04	<10	<10	52	<10	226
CC45516		<20	0.04	<10	<10	51	<10	203
CC45517		<20	0.05	<10	<10	52	<10	290
CC45518		<20	0.05	<10	<10	42	<10	225
CC45519		<20	0.05	<10	<10	39	<10	145
CC45520		<20	0.06	<10	<10	29	<10	235
CC45521		<20	0.04	<10	<10	40	<10	197
CC45522		<20	0.12	<10	<10	59	<10	202
CC45523		<20	0.09	<10	<10	57	<10	215
CC45524		<20	0.07	<10	<10	45	10	121
CC45525		<20	0.08	<10	<10	47	<10	245
CC45526		<20	0.07	<10	<10	38	<10	312
CC45527		<20	0.10	<10	<10	72	<10	152
CC45528		<20	0.08	<10	<10	62	<10	167
CC45529		<20	0.06	<10	<10	27	10	259
CC45530		<20	0.06	<10	<10	32	10	246
CC45531		<20	0.05	<10	<10	28	<10	214
CC45532		<20	0.07	<10	<10	31	10	198
CC45533		<20	0.05	<10	<10	52	<10	295
CC45534		<20	0.05	<10	<10	47	<10	200
CC45535		<20	0.05	<10	<10	45	10	269
CC45536		<20	0.05	<10	<10	25	10	241
CC45537		<20	0.05	<10	<10	19	10	205
CC45538		<20	0.06	<10	<10	29	<10	261
CC45539		<20	0.05	<10	<10	28	<10	297
CC45540		<20	0.06	<10	<10	31	<10	327

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VANCOUVER BC V6B 1L8

Project: RAU

Finalized Date: 7-AUG-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08088168

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
CC45541		0.20	0.004	0.3	0.88	22	<10	1310	<0.5	3	6.15	1.8	8	18	23	1.92
CC45542		0.14	0.002	0.2	1.20	28	<10	550	0.5	4	1.74	0.8	10	25	28	2.76
CC45543		0.26	0.002	<0.2	2.05	15	<10	210	0.8	<2	1.22	<0.5	23	77	27	3.85
CC45544		0.30	0.001	<0.2	1.26	10	<10	170	0.8	<2	2.21	<0.5	15	36	24	3.62
CC45545		0.16	0.001	0.2	1.29	11	<10	210	0.7	<2	2.08	<0.5	15	35	26	2.84
CC45546		0.20	0.001	<0.2	1.66	14	<10	230	0.7	<2	8.23	<0.5	14	43	22	3.27
CC45547		0.26	0.002	<0.2	1.54	15	<10	120	0.6	<2	5.73	<0.5	11	38	20	3.28
CC45548		0.18	0.001	<0.2	2.11	19	<10	150	0.6	<2	5.30	<0.5	13	50	20	3.51
CC45549		0.38	0.004	<0.2	1.05	24	<10	140	0.5	<2	11.00	<0.5	17	27	45	3.91
CC45550		0.22	0.024	1.0	1.44	89	<10	450	0.8	<2	4.17	2.2	25	37	115	4.79
CC45551		0.22	0.009	0.3	1.81	36	<10	390	0.8	<2	3.54	1.1	20	44	39	4.23
CC45552		0.14	0.020	0.8	1.61	72	<10	790	0.8	9	2.62	3.1	10	25	17	3.18
CC45553		0.18	0.013	0.8	0.63	52	<10	370	<0.5	19	3.73	4.7	13	12	27	2.93
CC45554		0.14	0.028	0.8	0.99	105	<10	410	0.5	3	4.96	1.8	9	17	32	3.09
CC45555		0.14	0.020	0.6	0.82	73	<10	470	<0.5	13	3.80	1.8	11	15	30	2.75
CC45556		0.16	0.026	1.1	1.12	151	<10	620	0.5	20	5.05	3.4	11	23	35	3.67
CC45557		0.28	0.016	0.3	1.12	57	<10	170	0.5	4	8.28	1.1	7	21	15	2.50
CC45558		0.28	0.008	0.2	1.05	33	<10	140	<0.5	4	6.14	0.7	8	22	22	2.48
CC45559		0.18	0.002	0.2	0.75	18	<10	180	<0.5	<2	3.77	0.6	11	12	20	2.91
CC45560		0.32	0.004	0.4	0.85	48	<10	310	0.5	8	8.74	0.8	10	16	17	3.03
CC45561		0.14	0.006	0.6	1.08	23	<10	510	0.6	2	1.22	1.2	10	20	23	3.15
CC45562		0.14	0.010	0.4	1.30	35	<10	410	0.6	4	6.23	6.9	10	26	22	2.66
CC45563		0.26	0.050	0.3	1.15	28	<10	1720	<0.5	<2	4.84	5.4	10	22	29	2.52
CC45564		0.12	0.002	<0.2	2.19	16	<10	610	0.5	<2	3.02	<0.5	19	90	43	3.14
CC45565		0.14	0.001	<0.2	2.06	11	<10	210	0.7	<2	1.18	<0.5	21	71	16	3.30
CC45566		0.28	0.001	<0.2	1.19	13	<10	220	0.7	<2	2.45	<0.5	14	33	27	3.18
CC45567		0.20	<0.001	<0.2	1.28	14	<10	240	0.7	<2	2.25	0.5	13	41	21	3.18
CC45568		0.16	0.002	<0.2	1.74	15	<10	160	0.8	<2	4.06	<0.5	10	44	16	2.89
CC45569		0.18	0.001	<0.2	1.75	22	<10	140	0.7	<2	10.90	0.5	13	35	17	3.72
CC45570		0.32	0.006	0.3	0.74	47	<10	280	<0.5	<2	8.45	1.5	11	9	18	2.46
CC45571		0.24	0.009	0.7	1.70	47	<10	460	0.8	<2	2.74	1.7	24	24	64	4.80
CC45572		0.12	0.006	0.6	1.52	34	<10	440	0.7	3	3.44	1.8	26	10	41	3.89
CC45573		0.28	0.136	5.0	1.35	320	<10	970	0.7	26	4.84	2.5	12	26	35	4.48
CC45574		0.28	0.019	0.6	0.47	40	<10	380	<0.5	10	4.59	4.7	11	9	23	2.58
CC45575		0.10	0.145	0.3	1.50	68	<10	170	0.8	5	2.05	2.0	18	22	21	4.24
CC45576		0.10	0.012	1.2	0.74	217	<10	570	<0.5	56	3.78	2.1	14	13	22	3.42
CC45577		0.12	0.015	1.3	0.89	106	<10	660	<0.5	21	6.35	2.4	8	18	36	2.86
CC45578		0.20	0.001	0.3	1.63	39	<10	230	0.7	3	3.66	3.6	10	28	14	3.30
CC45579		0.12	<0.001	0.3	1.23	31	<10	180	0.6	3	3.78	4.0	10	23	15	3.01
CC45580		0.22	0.004	0.4	0.54	16	<10	250	<0.5	<2	6.66	0.8	9	10	20	2.46

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Project: RAU

Finalized Date: 7-AUG-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08088168

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC45541		<10	<1	0.09	10	4.03	404	2	0.06	21	800	25	0.03	<2	3	51
CC45542		<10	<1	0.10	10	0.88	248	1	0.04	33	580	27	0.06	<2	3	33
CC45543		<10	<1	0.10	20	1.59	764	<1	0.03	74	1410	25	0.05	2	5	36
CC45544		<10	<1	0.16	20	0.87	470	<1	0.02	40	1360	14	0.07	<2	2	52
CC45545		<10	<1	0.11	20	0.77	764	<1	0.02	38	1270	17	0.09	<2	2	37
CC45546		<10	<1	0.11	10	1.34	611	<1	0.03	38	870	16	0.10	<2	3	189
CC45547		<10	<1	0.09	10	1.57	502	<1	0.03	33	1070	17	0.07	<2	3	106
CC45548		<10	<1	0.10	10	1.41	589	<1	0.03	38	1060	12	0.11	<2	3	117
CC45549		<10	<1	0.19	20	0.98	341	2	0.02	52	2510	22	0.03	<2	3	106
CC45550		<10	<1	0.19	30	1.15	426	20	0.03	116	5580	27	0.08	12	3	73
CC45551		<10	<1	0.15	20	1.39	807	3	0.03	58	2240	39	0.05	2	3	49
CC45552		<10	<1	0.05	10	1.19	1160	3	0.03	30	870	70	0.07	2	2	30
CC45553		<10	<1	0.04	10	0.35	878	1	0.02	36	1050	153	0.15	<2	1	51
CC45554		<10	<1	0.06	10	2.25	971	4	0.03	35	1210	84	0.11	2	2	52
CC45555		<10	<1	0.05	10	0.94	802	2	0.03	31	1260	50	0.12	<2	1	58
CC45556		<10	<1	0.06	10	2.39	1080	4	0.03	45	1230	105	0.09	3	2	41
CC45557		<10	<1	0.05	10	5.34	621	4	0.03	26	740	46	0.03	<2	3	44
CC45558		<10	<1	0.07	10	3.98	601	2	0.03	28	770	39	0.03	<2	3	44
CC45559		<10	<1	0.10	10	2.27	781	2	0.02	23	530	35	0.04	<2	2	33
CC45560		<10	<1	0.06	10	5.41	742	3	0.03	32	1130	52	0.05	<2	2	52
CC45561		<10	<1	0.07	20	0.72	747	1	0.02	25	1000	56	0.06	2	2	22
CC45562		<10	<1	0.07	10	3.85	1175	1	0.03	27	790	61	0.05	<2	2	36
CC45563		<10	<1	0.09	10	3.18	679	1	0.05	28	980	32	0.05	<2	3	55
CC45564		<10	<1	0.05	10	1.75	926	<1	0.05	89	1260	13	0.13	<2	5	59
CC45565		10	<1	0.08	10	1.45	671	<1	0.03	69	760	14	0.08	<2	5	29
CC45566		<10	<1	0.13	30	0.92	709	1	0.02	35	1220	17	0.07	<2	2	39
CC45567		<10	<1	0.10	20	0.80	588	1	0.02	34	920	21	0.09	<2	2	37
CC45568		<10	<1	0.14	10	0.92	494	<1	0.02	31	870	13	0.10	<2	2	58
CC45569		<10	<1	0.11	10	1.22	726	<1	0.03	36	870	18	0.05	<2	3	145
CC45570		<10	<1	0.16	10	0.55	374	<1	0.03	24	1520	80	0.04	<2	2	52
CC45571		<10	<1	0.13	20	0.86	613	12	0.03	93	3930	48	0.06	6	3	42
CC45572		<10	<1	0.07	10	0.61	968	6	0.03	69	2000	55	0.12	<2	2	76
CC45573		<10	<1	0.08	10	2.57	1990	4	0.02	60	2100	149	0.06	3	3	43
CC45574		<10	<1	0.04	10	0.60	992	1	0.01	28	1150	157	0.14	<2	1	53
CC45575		10	1	0.07	10	0.73	1315	12	0.02	36	1400	64	0.08	<2	2	30
CC45576		<10	<1	0.05	10	0.39	887	2	0.02	35	1180	97	0.14	2	1	58
CC45577		<10	1	0.04	10	2.93	732	3	0.02	35	1060	89	0.08	3	1	37
CC45578		<10	<1	0.06	10	2.24	1095	9	0.01	29	940	77	0.06	<2	2	22
CC45579		<10	<1	0.06	10	2.05	1660	8	0.01	29	860	68	0.07	<2	2	19
CC45580		<10	<1	0.09	10	3.87	1545	3	0.02	20	570	40	0.04	<2	1	53

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CERTIFICATE OF ANALYSIS VA08088168

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
CC45541		<20	0.03	<10	<10	35	<10	372
CC45542		<20	0.03	<10	<10	41	<10	177
CC45543		<20	0.12	<10	<10	43	<10	105
CC45544		<20	0.09	<10	<10	28	<10	105
CC45545		<20	0.07	<10	<10	29	<10	140
CC45546		<20	0.06	<10	<10	34	<10	161
CC45547		<20	0.06	<10	<10	34	<10	131
CC45548		<20	0.06	<10	<10	46	<10	126
CC45549		<20	0.04	<10	<10	41	<10	185
CC45550		<20	0.04	<10	<10	116	<10	546
CC45551		<20	0.05	<10	<10	64	<10	409
CC45552		<20	0.03	<10	<10	54	10	625
CC45553		<20	0.01	<10	<10	22	<10	1400
CC45554		<20	0.01	<10	10	44	10	740
CC45555		<20	0.02	<10	<10	40	<10	485
CC45556		<20	0.02	<10	10	46	10	1560
CC45557		<20	0.03	<10	<10	44	<10	329
CC45558		<20	0.04	<10	<10	36	<10	258
CC45559		<20	0.01	<10	<10	19	<10	333
CC45560		<20	0.02	<10	<10	45	<10	328
CC45561		<20	0.02	<10	<10	35	<10	433
CC45562		<20	0.03	<10	<10	63	<10	874
CC45563		<20	0.04	<10	<10	41	<10	1445
CC45564		<20	0.11	<10	<10	42	<10	110
CC45565		<20	0.10	<10	<10	40	<10	112
CC45566		<20	0.06	<10	<10	27	<10	144
CC45567		<20	0.05	<10	<10	28	<10	161
CC45568		<20	0.06	<10	<10	38	<10	125
CC45569		<20	0.05	<10	<10	38	<10	131
CC45570		<20	0.03	<10	<10	24	<10	608
CC45571		<20	0.05	<10	<10	97	<10	610
CC45572		<20	0.03	<10	<10	61	<10	752
CC45573		<20	0.02	<10	<10	53	30	2260
CC45574		<20	0.01	<10	<10	21	<10	1570
CC45575		<20	0.02	<10	<10	83	10	656
CC45576		<20	0.01	<10	<10	32	10	913
CC45577		<20	0.02	<10	<10	41	10	1270
CC45578		<20	0.02	<10	<10	77	<10	638
CC45579		<20	0.02	<10	<10	59	<10	905
CC45580		<20	0.01	<10	<10	17	<10	377

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CERTIFICATE OF ANALYSIS VA08088168

Method / Analyte / Units / LOR / Sample Description	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
CC45581	0.14	0.002	0.5	1.03	22	<10	240	0.6	2	1.34	4.2	14	15	18	3.85
CC45582	0.18	0.002	0.4	0.99	16	<10	200	0.6	<2	1.86	1.5	10	17	15	3.28
CC45583	0.28	0.010	2.0	0.16	73	<10	1930	<0.5	4	17.4	17.0	4	8	14	2.60
CC45584	0.28	0.006	0.3	1.03	28	<10	950	<0.5	3	7.10	2.0	8	21	19	2.22
CC45585	0.20	<0.001	<0.2	2.69	34	<10	340	0.5	<2	2.02	<0.5	26	116	41	4.18
CC45586	0.16	0.002	0.2	2.95	11	<10	210	0.6	<2	2.39	<0.5	26	127	37	4.98
CC45587	0.20	<0.001	<0.2	1.44	4	<10	200	0.6	<2	3.33	<0.5	17	49	17	3.09
CC45588	0.18	<0.001	<0.2	1.30	13	<10	230	0.6	<2	3.46	0.5	15	41	24	3.50
CC45589	0.30	<0.001	<0.2	1.19	12	<10	90	0.6	<2	5.89	<0.5	11	35	13	3.80
CC45590	0.14	0.005	0.3	1.26	17	<10	120	0.6	<2	8.94	0.5	10	42	15	3.00
CC45591	0.34	0.004	0.5	0.48	213	<10	1290	0.9	<2	3.15	2.4	14	11	19	4.76
CC45592	0.14	<0.001	0.2	1.27	26	<10	630	0.6	<2	3.36	0.7	20	22	22	3.41
CC45593	0.18	0.001	0.6	0.82	21	<10	360	<0.5	4	4.17	1.6	14	15	36	2.75
CC45594	0.14	0.001	0.4	0.59	16	<10	320	<0.5	2	3.93	1.7	9	12	26	1.95
CC45595	0.18	0.008	0.8	0.75	68	<10	320	0.6	3	4.16	1.9	17	15	65	3.78
CC45596	0.22	0.012	0.6	0.55	55	<10	540	<0.5	5	4.73	1.6	10	11	52	2.31
CC45597	0.14	0.022	1.4	0.65	232	<10	590	<0.5	73	3.97	3.2	13	11	24	3.20
CC45598	0.14	0.026	0.8	0.94	169	<10	270	0.5	12	8.09	2.7	7	19	20	3.31
CC45599	0.18	0.002	0.3	1.54	48	<10	230	0.7	3	2.67	4.1	9	25	14	3.53
CC45600	0.16	0.002	0.3	1.45	41	<10	210	0.7	5	2.94	4.2	11	27	15	3.63
CC45601	0.20	0.001	0.4	1.34	35	<10	250	0.7	2	1.83	1.2	10	29	15	3.29
CC45602	0.24	0.007	0.4	0.90	25	<10	170	0.5	<2	3.33	1.5	10	19	16	3.01
CC45603	0.20	0.004	0.4	0.52	20	<10	180	<0.5	4	5.13	0.7	10	11	15	2.88
CC45604	0.24	0.002	0.5	1.77	45	<10	410	0.8	8	1.10	2.0	13	33	15	4.44
CC45605	0.26	0.003	0.6	0.45	21	<10	690	<0.5	3	13.95	7.6	4	12	8	1.43
CC45606	0.24	0.006	0.3	2.34	108	<10	280	0.8	<2	6.45	0.6	16	59	27	3.97
CC45607	0.12	<0.001	0.3	0.93	17	<10	290	0.5	<2	5.81	0.5	8	17	20	2.55
CC45608	0.12	<0.001	0.3	1.18	24	<10	350	0.5	<2	2.09	0.6	12	33	22	3.36
CC45609	0.20	<0.001	<0.2	1.49	13	<10	180	0.7	<2	1.79	<0.5	15	41	34	3.62
CC45610	0.26	0.001	<0.2	1.26	12	<10	110	0.6	<2	2.30	<0.5	13	40	13	3.90
CC45611	0.22	0.001	<0.2	1.40	8	<10	110	0.6	<2	8.34	<0.5	10	38	11	3.14
CC45612	0.24	0.001	0.2	0.87	28	<10	80	<0.5	<2	16.5	0.6	9	19	13	2.49
CC45613	0.18	0.001	0.2	2.04	19	<10	330	0.7	2	1.87	1.1	18	81	26	4.22
CC45614	0.18	0.002	0.4	1.21	42	<10	390	0.6	6	3.91	1.5	17	21	30	3.77
CC45615	0.24	0.004	<0.2	1.65	51	<10	140	0.8	4	0.88	1.7	16	36	15	4.74
CC45616	0.12	0.005	0.7	1.17	73	<10	410	0.6	6	2.73	1.4	17	23	38	3.69
CC45617	0.06	0.004	0.8	0.79	64	<10	530	<0.5	34	3.34	1.5	16	14	26	2.99
CC45618	0.16	0.014	1.1	1.01	95	<10	390	0.8	4	3.40	1.6	17	19	68	4.22
CC45619	0.16	0.006	0.6	1.14	60	<10	290	0.6	4	7.03	4.8	7	20	14	2.55
CC45620	0.12	0.006	0.4	1.15	36	<10	380	0.5	3	6.81	2.3	7	19	14	2.44

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

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

Project: RAU

Finalized Date: 7-AUG-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08088168

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC45581		<10	<1	0.07	20	0.66	1160	4	0.01	30	760	95	0.08	<2	2	14
CC45582		<10	<1	0.07	20	0.95	796	2	0.01	21	720	63	0.05	<2	2	18
CC45583		<10	<1	0.01	10	11.15	1195	1	0.02	24	210	241	<0.01	2	1	79
CC45584		<10	1	0.06	10	4.89	573	1	0.02	24	760	36	0.03	<2	2	42
CC45585		10	1	0.07	10	2.17	857	1	0.04	113	1120	16	0.09	<2	8	40
CC45586		10	1	0.10	10	2.92	813	<1	0.03	134	2000	15	0.04	<2	8	39
CC45587		10	<1	0.11	10	1.15	858	<1	0.02	52	1470	13	0.08	<2	3	58
CC45588		<10	1	0.12	20	1.19	709	<1	0.02	38	1210	23	0.07	<2	2	44
CC45589		10	<1	0.14	20	0.90	503	<1	0.02	31	1160	11	0.03	<2	2	60
CC45590		<10	1	0.14	10	0.97	683	<1	0.02	28	950	14	0.07	<2	2	96
CC45591		<10	<1	0.07	20	0.27	491	<1	0.01	55	1260	250	0.05	15	4	19
CC45592		<10	<1	0.14	20	0.38	887	<1	0.02	29	1260	31	0.09	<2	3	30
CC45593		<10	1	0.06	10	0.60	448	6	0.02	36	1290	61	0.16	2	1	58
CC45594		<10	<1	0.06	10	0.38	368	1	0.02	27	1020	59	0.15	<2	1	52
CC45595		<10	<1	0.06	20	0.85	878	8	0.02	60	2220	87	0.12	2	1	101
CC45596		<10	<1	0.04	10	0.74	571	4	0.02	46	1590	50	0.13	2	1	66
CC45597		<10	<1	0.05	10	0.51	1030	3	0.02	36	1160	97	0.14	3	1	53
CC45598		<10	<1	0.05	10	4.80	954	4	0.03	32	900	106	0.07	<2	1	40
CC45599		10	<1	0.07	10	1.70	1620	9	0.02	32	570	53	0.06	<2	3	17
CC45600		<10	<1	0.07	20	1.84	2430	12	0.02	35	530	77	0.05	2	3	18
CC45601		<10	1	0.07	20	1.28	1405	8	0.02	35	400	67	0.04	<2	4	16
CC45602		<10	<1	0.05	20	1.99	1675	5	0.02	24	550	76	0.04	<2	3	28
CC45603		<10	<1	0.07	10	2.85	600	2	0.02	22	840	44	0.04	2	2	38
CC45604		<10	1	0.06	10	0.93	1195	2	0.02	34	510	89	0.03	4	4	14
CC45605		<10	<1	0.03	10	9.56	1180	1	0.02	10	400	41	0.04	<2	1	61
CC45606		<10	<1	0.17	20	1.81	844	1	0.02	50	1150	20	0.04	<2	5	76
CC45607		<10	1	0.06	10	0.45	950	1	0.02	20	1220	18	0.12	<2	1	62
CC45608		<10	<1	0.07	10	0.81	494	1	0.02	36	1000	46	0.08	<2	2	28
CC45609		<10	<1	0.11	20	1.05	574	1	0.02	41	850	18	0.07	<2	3	34
CC45610		<10	<1	0.12	20	1.05	444	<1	0.02	36	970	12	0.04	<2	2	30
CC45611		<10	1	0.16	10	0.83	519	<1	0.02	26	1290	12	0.04	<2	2	81
CC45612		<10	<1	0.06	10	1.71	915	1	0.02	26	870	16	0.06	<2	2	108
CC45613		<10	<1	0.10	20	1.82	745	1	0.02	68	1370	27	0.07	<2	4	39
CC45614		<10	<1	0.08	10	1.33	610	1	0.02	39	1450	80	0.06	<2	2	46
CC45615		10	<1	0.08	20	0.59	765	2	0.02	40	570	74	0.03	<2	4	17
CC45616		<10	<1	0.08	10	0.64	636	5	0.02	57	1780	120	0.10	<2	2	53
CC45617		<10	<1	0.08	10	0.41	552	1	0.03	29	1190	94	0.12	<2	1	50
CC45618		<10	<1	0.10	20	1.16	520	10	0.02	70	3390	52	0.07	6	2	55
CC45619		<10	<1	0.05	10	4.30	1070	3	0.02	21	1100	62	0.07	<2	1	37
CC45620		<10	<1	0.05	10	4.24	1320	8	0.02	27	1270	59	0.08	<2	1	34

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Project: RAU

Finalized Date: 7-AUG-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08088168

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
CC45581		<20	0.01	<10	<10	34	<10	973
CC45582		<20	0.01	<10	<10	29	<10	380
CC45583		<20	<0.01	<10	<10	81	<10	2730
CC45584		<20	0.03	<10	<10	41	<10	378
CC45585		<20	0.16	<10	<10	59	<10	148
CC45586		<20	0.16	<10	<10	46	<10	133
CC45587		<20	0.09	<10	<10	28	<10	101
CC45588		<20	0.07	<10	<10	28	<10	185
CC45589		<20	0.06	<10	<10	30	<10	114
CC45590		<20	0.04	<10	<10	31	<10	145
CC45591		<20	0.01	<10	<10	16	20	3910
CC45592		<20	0.03	<10	<10	52	<10	420
CC45593		<20	0.02	<10	<10	36	<10	435
CC45594		<20	0.01	<10	<10	17	<10	495
CC45595		<20	0.01	<10	<10	54	<10	777
CC45596		<20	0.01	<10	<10	44	<10	425
CC45597		<20	0.01	<10	<10	27	10	1095
CC45598		<20	0.02	<10	<10	48	10	1325
CC45599		<20	0.03	<10	<10	84	10	546
CC45600		<20	0.03	<10	<10	70	10	761
CC45601		<20	0.03	<10	<10	50	<10	492
CC45602		<20	0.02	<10	<10	32	<10	589
CC45603		<20	0.01	<10	<10	18	<10	295
CC45604		<20	0.03	<10	<10	81	<10	909
CC45605		<20	0.01	<10	<10	35	<10	1030
CC45606		<20	0.08	<10	<10	57	<10	275
CC45607		<20	0.01	<10	<10	23	<10	95
CC45608		<20	0.05	<10	<10	31	<10	460
CC45609		<20	0.06	<10	<10	33	<10	129
CC45610		<20	0.07	<10	<10	33	<10	102
CC45611		<20	0.06	<10	<10	28	<10	101
CC45612		<20	0.02	<10	<10	22	<10	122
CC45613		<20	0.06	<10	<10	47	<10	331
CC45614		<20	0.03	<10	<10	37	10	682
CC45615		<20	0.03	<10	<10	52	<10	430
CC45616		<20	0.02	<10	<10	50	<10	699
CC45617		<20	0.01	<10	<10	23	<10	799
CC45618		<20	0.01	<10	<10	90	<10	777
CC45619		<20	0.02	<10	<10	60	<10	658
CC45620		<20	0.02	<10	<10	67	10	435

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CERTIFICATE OF ANALYSIS VA08088168

Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CC45621		0.22	0.009	0.4	0.63	34	<10	100	<0.5	3	11.00	1.3	6	12	12	1.78
CC45622		0.16	0.001	0.2	1.22	31	<10	220	0.6	2	1.80	1.5	10	21	14	3.42
CC45623		0.22	0.002	0.2	1.55	27	<10	160	0.8	<2	1.63	2.2	10	27	11	3.31
CC45624		0.20	<0.001	0.2	1.32	10	<10	200	0.6	<2	1.28	2.1	8	20	8	2.93
CC45625		0.24	0.001	0.6	1.02	15	<10	230	0.5	4	2.42	1.5	8	15	10	2.99
CC45626		0.20	0.002	0.4	1.11	24	<10	270	0.5	5	10.05	5.1	6	20	20	2.21
CC45627		0.34	0.004	<0.2	1.44	23	<10	180	0.5	<2	8.47	<0.5	10	33	20	3.04
CC45628		0.24	0.004	<0.2	1.66	15	<10	200	0.6	2	4.75	0.7	11	40	23	3.18
CC45629		0.20	0.002	0.3	1.33	12	<10	230	0.6	<2	2.38	0.7	10	33	17	3.47
CC45630		0.14	<0.001	0.2	0.79	13	<10	490	<0.5	<2	4.82	3.8	6	16	16	1.61
CC45631		0.20	0.005	<0.2	1.26	21	<10	110	0.6	<2	6.77	<0.5	11	37	17	3.78
CC45632		0.28	0.002	0.2	1.71	8	<10	130	0.9	<2	1.02	<0.5	16	51	12	4.38
CC45633		0.10	0.004	0.4	1.73	21	<10	150	0.7	3	2.37	0.5	15	63	18	3.72
CC45634		0.16	0.005	0.5	1.55	29	<10	200	0.7	6	4.24	1.1	11	37	18	3.24
CC45635		0.16	0.003	0.6	1.17	38	<10	280	0.5	4	1.67	1.0	12	29	17	3.27
CC45636		0.16	0.005	0.8	0.79	38	<10	180	<0.5	4	6.35	0.9	14	19	20	3.80
CC45637		0.14	0.007	0.7	1.29	70	<10	320	0.7	25	3.13	1.8	22	23	44	4.70
CC45638		0.16	0.003	0.7	1.20	35	<10	320	0.5	7	4.28	1.2	17	23	28	4.03
CC45639		0.16	0.007	0.9	0.95	82	<10	700	0.7	5	2.72	3.9	14	17	72	3.29
CC45640		0.10	0.006	0.8	1.12	45	<10	680	0.6	5	8.10	12.4	7	17	13	2.53
CC45641		0.20	0.021	0.7	0.71	58	<10	130	<0.5	5	11.60	0.8	6	13	13	1.80
CC45642		0.14	0.008	1.0	0.64	40	<10	130	<0.5	4	11.55	2.1	4	11	8	1.87
CC45643		0.12	0.005	0.6	1.25	45	<10	130	0.8	5	8.02	1.0	8	19	12	2.80
CC45644		0.20	0.003	0.5	1.60	21	<10	190	0.6	4	0.73	2.1	9	26	8	3.20
CC45645		0.20	0.008	1.1	1.01	22	<10	320	0.6	3	7.84	5.3	7	21	8	2.79
CC45646		0.22	0.002	0.6	1.17	17	<10	230	0.5	3	0.94	0.5	9	20	11	2.87
CC45647		0.20	0.006	0.8	1.04	31	<10	460	0.5	5	3.94	7.2	8	17	11	2.96
CC45648		0.34	0.008	0.7	1.10	80	<10	150	<0.5	2	11.40	0.5	13	23	18	3.28
CC45649		0.20	0.005	0.5	2.09	36	<10	190	0.8	4	0.90	0.9	13	59	13	4.16
CC45650		0.24	0.003	0.5	1.78	23	<10	310	0.8	4	1.41	1.2	12	44	16	3.90
CC45651		0.14	0.009	0.5	1.79	25	<10	470	0.8	3	2.22	2.8	12	42	20	3.88
CC45652		0.24	0.005	0.6	1.92	14	<10	160	0.7	3	6.16	<0.5	14	55	21	4.07
CC45653		0.22	0.003	0.4	1.86	29	<10	160	0.8	4	2.17	<0.5	15	59	20	4.41
CC45654		0.18	<0.001	0.5	1.89	17	<10	180	0.8	4	2.55	<0.5	12	65	16	3.62
CC45655		0.14	0.005	<0.2	1.66	30	<10	180	1.0	<2	4.51	1.2	16	31	21	3.08
CC45656		0.16	0.004	0.2	1.44	52	<10	320	0.6	<2	4.07	2.4	12	38	21	3.74
CC45657		0.14	0.006	0.3	1.09	49	<10	910	0.5	3	2.54	1.3	13	23	24	3.85
CC45658		0.14	0.007	0.5	1.38	93	<10	320	0.6	37	4.37	1.6	17	24	22	4.61
CC45659		0.18	0.005	0.7	1.28	112	<10	400	0.6	67	4.56	1.6	23	20	44	4.48
CC45660		0.22	0.020	0.9	1.10	112	<10	740	0.7	6	7.21	2.9	14	20	91	3.30

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

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

Project: RAU

Finalized Date: 7-AUG-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08088168

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC45621		<10	<1	0.05	10	7.28	656	6	0.02	20	780	44	0.05	<2	1	54
CC45622		<10	<1	0.07	20	1.10	2000	8	0.02	31	420	77	0.04	2	3	13
CC45623		<10	<1	0.06	20	1.17	1305	5	0.02	26	260	72	0.02	<2	4	15
CC45624		<10	<1	0.05	10	0.67	839	1	0.01	15	440	80	0.03	<2	3	18
CC45625		<10	1	0.05	10	1.08	1535	2	0.01	15	730	80	0.05	<2	2	20
CC45626		<10	<1	0.07	10	6.85	1420	1	0.03	12	540	45	0.03	<2	2	49
CC45627		<10	<1	0.10	10	1.32	503	1	0.02	34	740	19	0.02	<2	4	115
CC45628		<10	<1	0.10	10	1.78	613	1	0.03	33	710	26	0.02	2	4	56
CC45629		<10	<1	0.10	10	0.92	560	<1	0.02	33	730	42	0.06	<2	2	30
CC45630		<10	<1	0.07	10	0.43	681	<1	0.03	15	970	47	0.17	<2	1	48
CC45631		<10	<1	0.13	20	1.25	429	<1	0.02	37	1130	11	0.03	<2	3	76
CC45632		10	<1	0.17	30	1.14	738	<1	0.01	38	880	17	0.03	<2	3	23
CC45633		<10	1	0.11	10	1.17	1060	1	0.01	45	1110	11	0.12	<2	3	35
CC45634		10	<1	0.10	20	1.22	760	1	0.02	36	930	44	0.06	<2	3	47
CC45635		<10	1	0.08	20	0.64	433	1	0.01	33	1300	63	0.06	<2	3	34
CC45636		<10	<1	0.13	20	1.08	532	1	0.01	47	1280	44	0.06	<2	2	72
CC45637		<10	<1	0.14	20	1.15	690	6	0.02	51	2300	70	0.06	<2	3	52
CC45638		<10	<1	0.22	20	0.99	514	3	0.02	45	1530	26	0.07	<2	2	51
CC45639		<10	1	0.13	20	0.53	374	11	0.02	65	2750	24	0.11	8	2	52
CC45640		<10	1	0.10	10	5.01	1595	3	0.03	21	1780	56	0.11	<2	1	44
CC45641		<10	1	0.05	10	7.65	618	12	0.01	34	1920	47	0.06	<2	1	59
CC45642		<10	<1	0.07	10	7.38	945	5	0.01	20	980	55	0.08	<2	1	48
CC45643		<10	<1	0.06	10	5.41	1840	11	0.01	27	800	37	0.07	<2	2	41
CC45644		<10	1	0.06	10	0.58	1460	4	0.01	20	330	61	0.03	<2	3	11
CC45645		<10	<1	0.06	10	5.24	3130	4	0.01	21	530	116	0.04	3	3	46
CC45646		<10	<1	0.07	10	0.45	872	2	0.01	18	520	39	0.05	<2	2	17
CC45647		10	1	0.07	10	2.21	1085	3	0.02	20	770	58	0.05	<2	2	27
CC45648		<10	<1	0.11	10	1.51	587	1	0.01	36	880	22	0.04	<2	3	195
CC45649		10	<1	0.10	20	1.04	584	1	0.02	47	490	49	0.04	<2	5	21
CC45650		10	<1	0.14	20	0.94	697	1	0.02	38	660	65	0.09	<2	3	24
CC45651		10	1	0.22	20	0.95	1110	1	0.03	39	700	76	0.09	<2	3	33
CC45652		<10	<1	0.29	20	1.40	521	1	0.02	51	1060	10	0.04	<2	4	87
CC45653		<10	<1	0.17	20	1.22	1025	1	0.01	48	1080	11	0.11	<2	3	31
CC45654		<10	<1	0.16	20	0.94	970	1	0.01	36	1220	17	0.12	<2	2	39
CC45655		<10	<1	0.13	30	0.67	1665	<1	0.04	44	1460	23	0.19	<2	2	38
CC45656		10	<1	0.20	20	1.49	769	1	0.05	42	1030	68	0.10	<2	4	47
CC45657		<10	<1	0.19	20	0.66	1080	2	0.02	40	1750	64	0.12	<2	2	34
CC45658		<10	1	0.26	20	1.37	599	3	0.03	37	1230	87	0.07	<2	3	55
CC45659		<10	<1	0.26	20	1.36	536	5	0.02	60	2550	76	0.07	5	3	57
CC45660		<10	1	0.29	20	4.07	524	17	0.03	66	3670	34	0.06	14	2	64

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CERTIFICATE OF ANALYSIS VA08088168

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
CC45621		<20	0.01	<10	<10	32	<10	307
CC45622		<20	0.02	<10	<10	46	<10	543
CC45623		<20	0.03	<10	<10	52	<10	489
CC45624		<20	0.02	<10	<10	38	<10	613
CC45625		<20	0.02	<10	<10	32	<10	497
CC45626		<20	0.02	<10	<10	59	<10	1020
CC45627		<20	0.05	<10	<10	40	<10	145
CC45628		<20	0.06	<10	<10	46	<10	172
CC45629		<20	0.05	<10	<10	34	<10	322
CC45630		<20	0.02	<10	<10	16	<10	515
CC45631		<20	0.05	<10	<10	29	<10	92
CC45632		<20	0.06	<10	<10	34	<10	99
CC45633		<20	0.05	<10	<10	37	<10	93
CC45634		<20	0.04	<10	<10	43	<10	391
CC45635		<20	0.03	<10	<10	34	<10	723
CC45636		<20	0.02	<10	<10	25	<10	411
CC45637		<20	0.02	<10	<10	52	<10	637
CC45638		<20	0.02	<10	<10	45	<10	408
CC45639		<20	0.02	<10	<10	96	<10	590
CC45640		<20	0.01	<10	<10	54	<10	1090
CC45641		<20	0.01	<10	<10	58	<10	306
CC45642		<20	0.01	<10	<10	43	<10	355
CC45643		<20	0.02	<10	<10	81	10	352
CC45644		<20	0.03	<10	<10	61	<10	525
CC45645		<20	0.02	<10	<10	36	10	1540
CC45646		<20	0.02	<10	<10	36	<10	302
CC45647		<20	0.02	<10	<10	35	<10	872
CC45648		<20	0.03	<10	<10	28	<10	238
CC45649		<20	0.07	<10	<10	54	<10	361
CC45650		<20	0.05	<10	<10	47	<10	479
CC45651		<20	0.04	<10	<10	45	<10	721
CC45652		<20	0.07	<10	<10	39	<10	89
CC45653		<20	0.04	<10	<10	38	<10	94
CC45654		<20	0.03	<10	<10	45	<10	129
CC45655		<20	0.02	<10	<10	42	<10	504
CC45656		<20	0.04	<10	<10	44	<10	780
CC45657		<20	0.02	<10	<10	35	<10	569
CC45658		<20	0.03	<10	<10	44	10	733
CC45659		<20	0.02	<10	<10	58	<10	665
CC45660		<20	0.02	<10	<10	150	<10	658

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CERTIFICATE OF ANALYSIS VA08088168

Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CC45661		0.22	0.023	0.6	0.63	119	<10	130	<0.5	22	12.00	<0.5	7	14	17	3.79
CC45662		0.18	0.007	0.8	0.54	36	<10	370	<0.5	5	11.70	4.4	3	8	9	1.85
CC45663		0.18	0.031	0.9	1.71	42	<10	160	0.7	3	5.68	1.7	11	25	14	2.96
CC45664		0.20	0.005	<0.2	2.12	70	<10	170	0.9	9	1.93	2.1	12	32	14	4.51
CC45665		0.26	0.009	0.4	1.61	37	<10	200	0.7	4	3.07	2.1	10	27	13	3.26
CC45666		0.12	0.003	0.5	1.73	29	<10	570	0.8	3	0.90	4.4	13	27	14	4.23
CC45667		0.18	0.003	0.3	1.16	16	<10	150	0.6	<2	0.89	1.6	9	17	9	2.97
CC45668		0.18	0.001	0.2	1.96	27	<10	290	0.7	3	0.71	1.4	9	28	11	3.13
CC45669		0.26	0.014	0.2	1.21	51	<10	200	0.5	3	2.30	1.2	13	28	20	3.10
CC45670		0.22	0.004	0.3	1.57	25	<10	510	0.7	<2	1.34	1.0	11	37	20	3.27
CC45671		0.30	0.010	0.2	1.55	27	<10	190	0.7	<2	1.65	0.6	13	37	21	3.59
CC45672		0.24	0.004	0.2	1.71	14	<10	210	1.0	<2	0.89	<0.5	16	30	30	3.30
CC45673		0.34	0.005	0.2	0.41	13	<10	50	<0.5	<2	22.0	<0.5	3	6	8	0.96
CC45674		0.26	0.005	<0.2	1.36	32	<10	110	0.5	3	8.40	<0.5	15	54	24	3.82
CC45675		0.20	0.005	0.2	1.32	28	<10	520	0.6	3	1.49	<0.5	10	39	13	3.14
CC45676		0.22	0.010	0.2	1.10	17	<10	570	<0.5	<2	2.84	1.2	11	26	15	2.91
CC45677		0.12	0.003	0.2	1.07	31	<10	300	0.5	<2	3.17	1.3	11	25	18	2.91
CC45678		0.16	0.001	0.2	1.11	26	<10	340	0.5	3	2.01	2.6	13	21	20	3.39
CC45679		0.20	0.039	1.4	1.15	242	<10	940	0.6	68	3.67	2.8	12	29	21	4.52
CC45680		0.08	<0.001	<0.2	0.25	6	<10	90	<0.5	2	3.91	2.2	4	4	12	0.75
CC45681		0.18	<0.001	0.2	1.76	35	<10	190	0.7	3	1.66	1.4	29	18	24	4.64
CC45682		0.14	0.011	0.4	0.22	6	<10	410	<0.5	2	3.51	3.7	2	2	10	0.38
CC45683		0.26	0.002	0.4	2.18	37	<10	300	0.9	4	0.56	8.3	11	32	11	3.67
CC45684		0.20	0.003	0.3	2.12	18	<10	220	0.8	2	0.58	2.5	10	33	11	3.24
CC45685		0.24	0.009	1.1	1.33	26	<10	270	0.5	5	4.43	3.8	8	20	17	2.70
CC45686		0.24	0.008	0.5	1.26	39	<10	180	0.6	2	4.55	3.3	9	22	13	3.08
CC45687		0.20	0.005	0.4	1.66	17	<10	230	0.7	2	0.63	3.4	10	26	10	3.08
CC45688		0.14	0.001	0.3	1.43	22	<10	200	0.6	8	0.72	3.3	10	20	11	3.16
CC45689		0.20	0.004	0.4	1.93	27	<10	310	0.7	3	0.70	2.5	10	33	12	3.32
CC45690		0.24	0.044	0.7	1.23	676	<10	500	0.5	25	1.55	5.7	10	25	20	4.98
CC45691		0.12	0.003	<0.2	1.34	27	<10	300	0.5	<2	1.90	2.4	9	26	14	2.35
CC45692		0.12	0.022	0.2	1.88	31	<10	210	0.8	2	0.99	1.0	12	35	17	3.59
CC45693		0.14	0.009	0.3	1.16	12	<10	400	<0.5	<2	0.85	2.0	12	25	17	2.90
CC45694		0.20	0.001	<0.2	0.39	5	<10	80	<0.5	2	11.40	0.6	2	4	9	0.63
CC45695		0.18	0.009	0.2	1.63	25	<10	110	0.6	<2	11.80	0.5	23	102	43	3.57
CC45696		0.24	0.006	0.3	3.22	32	<10	340	1.0	<2	2.73	<0.5	29	133	48	5.47
CC45697		0.16	0.003	0.3	1.04	9	<10	470	<0.5	2	9.97	2.3	10	37	16	2.29
CC45698		0.14	0.002	0.3	0.94	31	<10	500	<0.5	2	2.01	1.9	8	23	11	2.31
CC45699		0.30	0.005	0.4	1.36	41	<10	230	0.6	3	0.69	0.9	12	35	11	4.29
CC45700		0.12	0.004	0.5	1.02	36	<10	510	0.6	4	1.45	2.8	7	17	14	2.29

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	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC45661		<10	<1	0.15	10	7.44	748	5	0.03	31	1480	37	0.18	2	2	72
CC45662		<10	1	0.05	10	7.97	1860	4	0.03	10	650	129	0.06	<2	1	51
CC45663		<10	<1	0.11	10	3.55	1200	7	0.03	42	1400	59	0.07	<2	3	39
CC45664		<10	<1	0.10	20	1.42	1775	13	0.02	40	430	67	0.04	<2	4	17
CC45665		<10	<1	0.11	20	1.96	1445	5	0.02	25	590	87	0.05	<2	3	22
CC45666		<10	<1	0.18	20	0.61	2910	5	0.02	26	470	140	0.03	<2	4	17
CC45667		<10	<1	0.06	10	0.41	1055	2	0.01	15	570	40	0.05	<2	2	11
CC45668		10	<1	0.07	10	0.60	835	2	0.02	20	730	40	0.04	<2	3	15
CC45669		<10	<1	0.07	10	0.67	772	1	0.02	35	980	23	0.12	<2	2	37
CC45670		<10	1	0.09	20	0.60	1045	1	0.02	34	770	49	0.07	<2	3	21
CC45671		<10	<1	0.07	20	0.88	710	1	0.02	40	740	21	0.03	<2	4	32
CC45672		<10	<1	0.11	30	0.87	792	2	0.01	36	700	11	0.03	<2	4	21
CC45673		<10	<1	0.04	<10	1.04	166	1	0.02	10	410	8	<0.01	<2	1	153
CC45674		<10	1	0.07	10	1.37	816	2	0.02	53	1020	13	0.09	<2	4	103
CC45675		<10	1	0.08	20	0.72	363	1	0.02	37	1060	20	0.09	<2	2	27
CC45676		<10	1	0.14	10	0.87	441	1	0.02	28	1050	23	0.12	<2	2	68
CC45677		<10	<1	0.08	20	0.52	884	1	0.02	33	1190	25	0.11	<2	2	52
CC45678		<10	1	0.09	10	0.38	733	2	0.01	31	1270	45	0.12	<2	2	52
CC45679		<10	<1	0.09	20	1.17	1040	3	0.02	38	1160	165	0.08	3	3	45
CC45680		<10	<1	0.06	10	0.11	377	1	0.02	7	970	9	0.17	<2	1	45
CC45681		<10	<1	0.13	20	0.57	936	3	0.01	30	2000	16	0.07	<2	3	24
CC45682		<10	1	0.05	<10	0.30	518	2	0.02	6	1240	12	0.24	<2	<1	25
CC45683		10	<1	0.06	10	0.54	1560	2	0.01	23	530	74	0.03	2	4	14
CC45684		10	<1	0.07	10	0.65	1365	2	0.02	23	500	32	0.03	<2	4	14
CC45685		<10	<1	0.05	10	2.10	1305	4	0.02	20	820	106	0.07	<2	2	25
CC45686		<10	<1	0.07	10	2.75	1420	5	0.02	21	670	69	0.05	<2	2	26
CC45687		<10	<1	0.08	20	0.47	1065	2	0.02	21	500	51	0.04	<2	3	13
CC45688		<10	1	0.08	10	0.39	1120	2	0.01	17	690	49	0.05	<2	3	12
CC45689		10	<1	0.10	20	0.71	1070	1	0.02	22	380	36	0.02	<2	4	16
CC45690		<10	<1	0.09	20	0.48	954	1	0.01	32	1790	61	0.16	2	2	20
CC45691		<10	1	0.09	10	0.52	904	1	0.03	20	1300	22	0.16	<2	1	46
CC45692		10	1	0.12	20	0.68	909	1	0.02	36	790	25	0.07	<2	3	35
CC45693		<10	1	0.16	20	0.42	1225	1	0.01	31	1120	13	0.09	<2	1	20
CC45694		<10	<1	0.04	<10	0.71	355	1	0.02	5	860	18	0.12	<2	<1	72
CC45695		<10	<1	0.09	10	1.76	1825	1	0.02	92	1150	16	0.17	<2	7	315
CC45696		10	<1	0.38	20	2.92	1110	<1	0.02	122	1600	29	0.07	<2	8	41
CC45697		<10	1	0.11	10	0.63	825	1	0.02	31	1130	31	0.11	<2	2	93
CC45698		<10	<1	0.10	10	0.41	552	1	0.02	21	940	30	0.13	<2	2	35
CC45699		<10	<1	0.14	20	0.52	489	1	0.01	38	760	43	0.06	<2	4	16
CC45700		<10	<1	0.11	10	0.42	770	3	0.02	21	1940	39	0.18	<2	1	20

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

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

Project: RAU

Finalized Date: 7-AUG-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08088168

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
CC45661		<20	0.01	<10	<10	24	10	108
CC45662		<20	0.01	<10	<10	34	10	1110
CC45663		<20	0.03	<10	<10	76	<10	337
CC45664		<20	0.04	<10	<10	106	10	420
CC45665		<20	0.03	<10	<10	61	<10	572
CC45666		<20	0.03	<10	<10	53	<10	1505
CC45667		<20	0.02	<10	<10	37	<10	403
CC45668		<20	0.03	<10	<10	69	<10	377
CC45669		<20	0.03	<10	<10	32	<10	263
CC45670		<20	0.03	<10	<10	42	<10	336
CC45671		<20	0.04	<10	<10	41	<10	214
CC45672		<20	0.06	<10	<10	34	<10	105
CC45673		<20	0.01	<10	<10	9	<10	100
CC45674		<20	0.04	<10	<10	34	<10	106
CC45675		<20	0.03	<10	<10	32	<10	243
CC45676		<20	0.02	<10	<10	25	<10	350
CC45677		<20	0.02	<10	<10	28	<10	307
CC45678		<20	0.02	<10	<10	31	<10	516
CC45679		<20	0.02	<10	<10	38	40	1055
CC45680		<20	0.01	<10	<10	7	<10	275
CC45681		<20	0.02	<10	<10	61	<10	316
CC45682		<20	0.01	<10	<10	5	<10	143
CC45683		<20	0.04	<10	<10	83	<10	1145
CC45684		<20	0.03	<10	<10	74	<10	303
CC45685		<20	0.02	<10	<10	63	<10	629
CC45686		<20	0.02	<10	<10	51	<10	654
CC45687		<20	0.03	<10	<10	57	<10	568
CC45688		<20	0.02	<10	<10	43	<10	428
CC45689		<20	0.04	<10	<10	72	<10	413
CC45690		<20	0.02	<10	<10	31	20	887
CC45691		<20	0.03	<10	<10	34	<10	188
CC45692		<20	0.04	<10	<10	51	<10	230
CC45693		<20	0.02	<10	<10	33	<10	134
CC45694		<20	0.01	<10	<10	7	<10	203
CC45695		<20	0.05	<10	<10	44	<10	90
CC45696		<20	0.17	<10	<10	59	<10	346
CC45697		<20	0.04	<10	<10	29	<10	671
CC45698		<20	0.03	<10	<10	29	<10	411
CC45699		<20	0.03	<10	<10	40	<10	631
CC45700		<20	0.02	<10	<10	35	<10	410

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Project: RAU

Finalized Date: 7-AUG-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08088168

Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CC45701		0.14	0.009	0.6	1.58	39	<10	390	0.6	6	1.29	1.5	12	29	25	2.93
CC45702		0.10	<0.001	0.2	0.39	8	<10	270	<0.5	2	2.59	0.6	18	4	27	1.77
CC45703		0.16	NSS	5.2	0.85	1075	<10	2340	0.5	161	4.31	7.6	4	13	21	9.11
CC45704		0.10	<0.001	0.7	1.19	44	<10	650	0.6	7	2.16	4.9	7	16	14	2.56
CC45705		0.16	0.003	0.3	1.67	39	<10	280	0.8	5	1.19	1.0	10	27	13	3.47
CC45706		0.16	0.002	0.6	0.97	39	<10	150	<0.5	6	5.14	1.2	7	16	12	2.33
CC45707		0.22	0.003	0.4	1.47	25	<10	330	0.5	4	1.27	1.5	8	24	9	3.18
CC45708		0.18	0.005	0.6	0.78	28	<10	250	0.5	3	7.97	2.9	7	15	11	2.59
CC45709		0.28	0.005	0.4	1.39	31	<10	240	0.6	8	4.09	1.4	9	22	11	3.21
CC45710		0.18	0.002	0.4	1.92	28	<10	590	0.8	6	0.72	5.4	12	32	13	3.62
CC45711		0.20	0.005	0.3	1.61	39	<10	290	0.6	4	2.80	1.0	13	41	29	3.16
CC45712		0.14	0.084	0.7	1.19	584	<10	830	0.6	28	5.28	8.5	17	34	17	7.08
CC45713		0.18	0.024	0.4	0.67	42	<10	160	<0.5	3	2.77	5.5	11	18	17	3.00
CC45714		0.18	0.026	0.4	1.28	191	<10	310	0.6	2	1.62	1.5	13	28	21	3.50
CC45715		0.26	0.007	<0.2	1.78	25	<10	250	0.5	5	0.23	<0.5	12	46	16	4.02
CC45716		0.20	0.007	0.3	0.65	55	<10	120	<0.5	2	5.15	1.0	18	13	33	6.13
CC45717		0.14	0.010	0.2	0.77	16	<10	180	<0.5	2	3.00	1.7	6	17	13	2.20
CC45718		0.18	0.030	0.3	3.45	58	<10	240	0.8	2	1.98	0.6	37	195	42	6.32
CC45719		0.14	0.002	0.2	1.83	27	<10	2380	0.7	3	1.26	1.3	11	37	18	3.15
CC45720		0.24	0.003	<0.2	2.09	43	<10	440	0.8	6	0.55	<0.5	11	45	14	3.68
CC45721		0.24	0.009	0.3	2.22	71	<10	580	0.8	12	0.58	0.6	10	39	12	4.23
CC45722		0.12	0.014	<0.2	1.60	55	<10	520	0.5	5	1.52	2.5	10	28	12	3.23
CC45723		0.20	0.001	0.2	1.39	13	<10	130	0.6	<2	2.08	0.9	28	9	35	5.61
CC45724		0.14	0.003	<0.2	0.38	6	<10	100	<0.5	<2	6.10	1.5	2	5	6	0.48
CC45725		0.16	0.006	1.2	1.77	102	<10	500	0.6	20	0.99	2.5	8	28	13	3.66
CC45726		0.18	0.005	0.7	1.34	41	<10	360	0.6	8	1.72	2.5	8	22	14	2.76
CC45727		0.22	0.016	0.4	0.83	39	<10	140	<0.5	4	8.87	0.9	6	16	13	2.35
CC45728		0.22	0.018	0.3	1.61	22	<10	270	0.6	3	0.99	1.3	9	25	11	2.84
CC45729		0.28	0.007	0.4	1.48	28	<10	280	0.7	4	1.10	1.7	10	26	13	3.36
CC45730		0.20	0.002	<0.2	1.80	28	<10	200	0.6	3	0.21	0.5	11	32	11	3.94
CC45731		0.16	0.003	0.2	2.50	30	<10	210	0.9	3	0.25	0.9	13	36	14	4.26
CC45732		0.24	0.008	0.3	1.84	57	<10	240	0.6	2	3.85	0.7	14	37	35	3.66
CC45733		0.22	0.157	5.8	1.61	482	<10	2600	0.6	548	2.33	2.3	13	34	16	7.09
CC45734		0.18	0.029	0.9	1.47	160	<10	2070	0.7	4	0.91	5.0	13	29	16	5.25
CC45735		0.18	0.011	0.5	1.23	49	<10	320	0.6	19	2.03	0.5	17	24	23	4.64
CC45736		0.24	0.007	0.2	2.50	12	<10	280	0.6	2	5.37	<0.5	31	115	61	6.34
CC45737		0.26	0.014	0.3	1.02	51	<10	160	0.5	2	5.40	<0.5	21	20	42	6.39
CC45738		0.28	0.004	<0.2	1.72	28	<10	240	0.8	2	0.47	<0.5	14	37	18	4.18
CC45739		0.18	0.007	0.6	1.61	44	<10	410	0.7	2	3.08	3.7	9	30	15	3.19
CC45740		0.24	0.005	0.2	3.49	15	<10	210	0.9	<2	1.13	<0.5	33	253	49	5.26

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Project: RAU

Finalized Date: 7-AUG-2008
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CERTIFICATE OF ANALYSIS VA08088168

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC45701		<10	<1	0.08	10	0.69	684	4	0.02	41	1510	43	0.09	2	2	25
CC45702		<10	1	0.06	10	0.20	674	1	0.02	15	1140	9	0.17	<2	1	35
CC45703		<10	1	0.04	10	1.65	1590	4	0.03	21	1390	704	0.15	3	1	34
CC45704		<10	<1	0.06	10	0.55	2020	2	0.02	15	1510	69	0.19	<2	1	20
CC45705		<10	1	0.07	10	0.67	1670	4	0.02	22	940	56	0.08	<2	2	19
CC45706		<10	1	0.06	10	2.63	879	3	0.02	19	840	51	0.10	3	2	32
CC45707		<10	<1	0.06	20	0.79	1485	3	0.01	21	540	80	0.03	3	3	17
CC45708		<10	<1	0.07	10	5.02	1490	2	0.02	18	810	90	0.04	8	2	45
CC45709		<10	<1	0.07	10	2.56	906	2	0.01	20	660	49	0.02	3	3	28
CC45710		10	<1	0.07	10	0.57	1755	1	0.01	25	850	64	0.05	4	3	15
CC45711		10	1	0.11	20	0.92	743	1	0.02	49	1050	25	0.08	4	3	32
CC45712		<10	<1	0.15	20	3.14	4120	1	0.02	55	1490	62	0.11	3	4	38
CC45713		<10	<1	0.09	20	0.27	829	<1	0.02	39	1800	67	0.20	3	1	41
CC45714		<10	<1	0.14	20	0.43	1525	<1	0.01	42	1360	35	0.10	5	2	47
CC45715		10	1	0.17	10	0.57	610	1	0.01	42	580	21	0.05	<2	2	13
CC45716		<10	<1	0.20	40	0.28	1175	1	0.01	84	1880	64	0.06	3	2	81
CC45717		<10	1	0.11	10	0.28	545	<1	0.02	19	1320	30	0.20	2	1	33
CC45718		10	1	0.23	20	3.03	1020	<1	0.01	203	2010	19	0.07	2	9	36
CC45719		10	<1	0.11	20	0.43	2320	2	0.01	20	1300	48	0.10	<2	2	31
CC45720		10	<1	0.09	20	0.63	661	2	0.01	35	750	42	0.04	4	3	18
CC45721		10	<1	0.11	20	0.54	432	2	0.01	35	830	68	0.04	<2	4	18
CC45722		<10	<1	0.07	10	0.49	423	2	0.01	29	770	61	0.07	4	3	22
CC45723		<10	1	0.11	20	0.47	1215	1	0.02	33	2120	10	0.11	<2	3	34
CC45724		<10	1	0.04	<10	2.84	371	<1	0.05	4	1000	4	0.17	2	1	38
CC45725		10	<1	0.09	10	0.71	684	1	0.05	23	580	160	0.09	2	3	16
CC45726		<10	<1	0.07	10	0.62	1365	1	0.05	21	1180	64	0.14	3	2	19
CC45727		<10	<1	0.06	10	5.96	1100	3	0.06	22	700	47	0.07	5	2	54
CC45728		<10	<1	0.06	10	0.66	868	1	0.04	23	680	47	0.06	5	3	19
CC45729		<10	<1	0.06	10	0.70	1530	2	0.02	25	640	58	0.04	3	3	16
CC45730		10	1	0.07	10	0.49	741	2	0.02	23	290	39	0.02	<2	3	11
CC45731		10	<1	0.07	10	0.49	679	2	0.02	29	450	51	0.03	<2	3	12
CC45732		<10	1	0.16	20	0.72	741	1	0.03	50	670	22	0.04	3	5	36
CC45733		<10	<1	0.15	50	1.00	1620	2	0.02	42	770	217	0.10	11	4	37
CC45734		10	<1	0.11	30	0.35	870	1	0.02	42	1310	146	0.09	7	4	26
CC45735		<10	<1	0.12	30	0.44	827	1	0.02	53	1810	22	0.11	<2	2	36
CC45736		10	<1	0.57	10	1.18	576	<1	0.03	212	1790	10	0.04	3	5	86
CC45737		<10	1	0.32	40	0.39	1105	1	0.05	96	1830	21	0.12	3	3	95
CC45738		10	1	0.15	30	0.52	866	1	0.04	44	730	22	0.05	3	3	16
CC45739		10	<1	0.12	20	0.87	1220	1	0.05	27	1300	69	0.16	3	2	22
CC45740		10	1	0.07	20	3.51	1340	<1	0.04	190	1090	12	0.06	3	14	26

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Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
CC45701		<20	0.03	<10	<10	57	10	344
CC45702		<20	0.01	<10	<10	9	<10	65
CC45703		<20	0.01	<10	10	35	30	1805
CC45704		<20	0.02	<10	<10	43	<10	529
CC45705		<20	0.03	<10	<10	76	<10	283
CC45706		<20	0.02	<10	<10	41	<10	306
CC45707		<20	0.03	<10	<10	48	10	619
CC45708		<20	0.01	<10	<10	32	<10	868
CC45709		<20	0.03	<10	<10	49	<10	525
CC45710		<20	0.03	<10	<10	86	<10	741
CC45711		<20	0.04	<10	<10	52	<10	199
CC45712		<20	0.02	<10	<10	37	10	1095
CC45713		<20	0.02	<10	<10	13	<10	742
CC45714		<20	0.02	<10	<10	33	<10	675
CC45715		<20	0.05	<10	<10	69	<10	115
CC45716		<20	0.01	<10	<10	15	<10	370
CC45717		<20	0.01	<10	<10	23	<10	299
CC45718		<20	0.19	<10	<10	66	<10	361
CC45719		<20	0.03	<10	<10	57	<10	571
CC45720		<20	0.04	<10	<10	70	<10	276
CC45721		<20	0.03	<10	<10	68	10	480
CC45722		<20	0.02	<10	<10	66	<10	530
CC45723		<20	0.02	<10	<10	34	<10	141
CC45724		<20	0.01	<10	<10	18	<10	155
CC45725		<20	0.04	<10	<10	64	<10	811
CC45726		<20	0.03	<10	<10	53	<10	434
CC45727		<20	0.03	<10	<10	45	<10	301
CC45728		<20	0.04	<10	<10	54	<10	355
CC45729		<20	0.02	<10	<10	55	<10	479
CC45730		<20	0.04	<10	<10	75	<10	353
CC45731		<20	0.04	<10	<10	60	<10	330
CC45732		<20	0.05	<10	<10	54	<10	240
CC45733		<20	0.03	<10	<10	42	110	699
CC45734		<20	0.02	<10	<10	47	70	2070
CC45735		<20	0.01	<10	<10	28	10	181
CC45736		<20	0.12	<10	<10	48	<10	228
CC45737		<20	0.02	<10	<10	21	<10	192
CC45738		<20	0.04	<10	<10	77	<10	186
CC45739		<20	0.02	<10	<10	47	<10	1015
CC45740		<20	0.25	<10	<10	108	<10	131

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

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

Project: RAU

Finalized Date: 7-AUG-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08088168

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
CC45741		0.26	0.003	<0.2	2.60	22	<10	520	0.8	2	0.52	<0.5	17	84	13	4.48
CC45742		0.20	0.030	0.4	1.16	37	<10	1680	0.6	4	4.79	6.6	11	37	17	4.66
CC45743		0.18	0.006	0.2	1.04	31	<10	150	0.6	2	2.46	1.5	14	19	20	4.29
CC45744		0.26	0.045	0.3	1.12	64	<10	360	0.5	6	6.82	1.3	11	23	23	3.86
CC45745		0.20	0.007	0.4	2.11	60	<10	540	0.8	3	1.39	1.0	19	32	34	5.21
CC45746		0.14	0.017	0.6	1.18	80	<10	560	0.5	12	2.93	2.1	20	17	34	4.34
CC45747		0.16	0.021	2.1	1.30	103	<10	620	0.6	13	3.25	4.0	14	22	24	4.08
CC45748		0.40	0.016	0.2	0.58	60	<10	140	<0.5	5	11.30	1.3	4	12	11	2.35
CC45749		0.14	0.014	0.3	1.82	31	<10	310	0.6	2	1.34	2.1	11	36	15	3.45
CC45750		0.26	0.004	0.2	1.63	23	<10	310	0.5	8	2.41	0.8	7	27	8	2.95

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Project: RAU

Finalized Date: 7-AUG-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08088168

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC45741		10	<1	0.10	20	1.16	944	1	0.04	58	640	17	0.06	2	3	17
CC45742		<10	<1	0.10	20	1.09	6810	1	0.03	42	1180	117	0.13	<2	2	78
CC45743		<10	<1	0.12	30	0.33	971	1	0.02	44	1160	93	0.14	<2	2	82
CC45744		<10	<1	0.11	20	3.00	704	2	0.03	38	1480	48	0.04	3	3	59
CC45745		<10	1	0.20	30	0.74	646	1	0.02	49	1470	54	0.07	<2	4	26
CC45746		<10	<1	0.10	20	0.93	901	3	0.03	42	1570	95	0.13	2	2	54
CC45747		<10	<1	0.09	20	1.33	1625	2	0.03	40	1640	199	0.11	<2	2	38
CC45748		<10	<1	0.06	10	7.60	695	5	0.02	21	620	58	0.02	<2	2	60
CC45749		<10	<1	0.14	20	0.68	1050	2	0.04	30	870	45	0.06	<2	3	30
CC45750		<10	<1	0.07	10	1.59	667	1	0.02	20	520	42	0.02	<2	3	23

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Project: RAU

Finalized Date: 7-AUG-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08088168

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
CC45741		<20	0.07	<10	<10	79	<10	137
CC45742		<20	0.02	<10	<10	40	10	1995
CC45743		<20	0.01	<10	<10	26	<10	487
CC45744		<20	0.03	<10	<10	43	10	461
CC45745		<20	0.02	<10	<10	67	<10	622
CC45746		<20	0.02	<10	<10	46	<10	763
CC45747		<20	0.02	<10	<10	54	10	1145
CC45748		<20	0.02	<10	<10	33	10	401
CC45749		<20	0.04	<10	<10	66	<10	309
CC45750		<20	0.03	<10	<10	60	<10	309

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1016-510 W HASTINGS ST
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Project: RAU

Finalized Date: 7-AUG-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08088168

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non-sufficient sample.

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Finalized Date: 19-JUL-2008
This copy reported on 20-JUL-2008
Account: RCM

CERTIFICATE VA08088166

Project: RAU

P.O. No.:

This report is for 10 Rock samples submitted to our lab in Vancouver, BC, Canada on 2-JUL-2008.

The following have access to data associated with this certificate:

AL ARCHER BILL WENGZYNOWSKI	DOUG EATON	JOAN MARIACHER

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	
ME-MS61	48 element four acid ICP-MS	
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES

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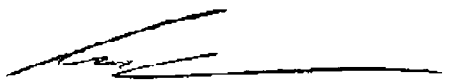
This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: RAU

Finalized Date: 19-JUL-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08088166

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
G004901		0.74	0.002	0.07	0.11	5	20	0.09	2.15	19.85	0.06	6.19	2.9	3	0.8	6.5
G004902		0.76	0.015	1.14	0.11	7.6	30	0.06	17	0.42	0.09	2.36	48.9	1	0.36	161
G004903		0.60	0.002	0.19	0.13	5	30	0.12	69.8	12.25	0.29	6.1	10.6	3	0.33	52.3
G004904		0.96	0.001	0.1	0.11	6	20	0.12	46.4	17.4	0.12	5.6	4.6	3	0.72	22.2
G004905		1.04	0.002	0.03	0.1	5	10	0.1	3.07	18.95	0.05	4.91	2.8	3	0.54	7.5
G004906		1.28	0.009	1.01	0.45	6.3	70	0.09	1770	0.83	0.15	8.79	18.4	19	0.58	149.5
G004907		0.62	0.002	0.85	0.59	7.5	40	0.29	23.4	8.95	0.13	15.55	32.8	20	0.88	190
G004911		2.26	0.002	0.99	0.46	291	30	0.46	171	0.42	1.14	6.84	14.5	10	1.74	1660
G004912		1.86	0.002	1.83	0.15	<0.2	10	<0.05	6160	0.26	0.27	3.07	1.9	15	1.4	1470
G004913		4.10	0.002	0.44	0.28	5.1	20	0.2	469	0.34	0.17	8.72	19.6	11	1.04	849

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Project: RAU

Finalized Date: 19-JUL-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08088166

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
G004901		0.72	0.65	<0.05	<0.1	0.006	0.05	3.4	2.8	10.65	581	0.12	<0.01	0.2	14.6	20
G004902		43	0.51	0.42	<0.1	0.048	0.03	1	0.6	0.4	111	0.56	<0.01	0.4	286	20
G004903		18.1	0.62	0.16	<0.1	0.033	0.02	3.5	2.2	7.75	442	0.12	<0.01	0.2	138.5	20
G004904		3.19	0.67	0.06	<0.1	0.008	0.04	3.4	3	10.7	404	0.08	<0.01	0.1	49.8	20
G004905		0.7	0.51	0.05	<0.1	0.005	0.03	2.5	2.6	11.5	506	0.13	<0.01	0.2	12.6	20
G004906		39.5	2.32	0.51	0.1	0.026	0.09	3.9	1.4	3.78	284	0.8	0.01	0.4	156	100
G004907		22.4	3.27	0.19	0.2	0.046	0.07	7	2.1	6.52	592	0.35	0.01	0.6	224	120
G004911		46	3.83	0.65	0.3	0.046	0.1	3.4	1.7	1.4	271	8.07	0.01	0.7	81.7	80
G004912		3.06	2.83	0.66	0.1	<0.005	0.09	1.9	5.8	0.24	67	1.37	<0.01	0.4	12	10
G004913		24.3	2.96	0.18	0.2	0.036	0.05	4.7	2.7	6.29	537	2.71	0.01	0.5	16.4	50

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: RAU

Finalized Date: 19-JUL-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08088166

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
G004901		2.8	7.6	<0.002	0.04	0.3	1.4	2	0.2	46	<0.05	<0.05	<0.2	0.005	0.06	0.1
G004902		8.7	2.4	0.002	>10.0	1.36	0.9	21	0.5	3.6	<0.05	1.2	<0.2	0.006	0.05	0.2
G004903		21.3	2.4	<0.002	0.46	0.55	1.4	3	0.3	23.6	<0.05	0.12	0.2	0.005	0.03	0.3
G004904		5.3	7.5	<0.002	0.09	0.32	0.8	3	0.2	37.8	<0.05	0.06	<0.2	<0.005	0.05	0.2
G004905		2	5.3	<0.002	0.09	0.43	0.6	2	0.2	41.3	<0.05	<0.05	<0.2	<0.005	0.04	0.2
G004906		13.4	7.1	<0.002	0.27	13.35	1.8	18	1.8	6.3	<0.05	1.86	0.5	0.016	0.12	0.4
G004907		3.5	9.6	<0.002	0.14	1.08	3.3	4	0.5	23.7	<0.05	0.14	1	0.017	0.19	0.7
G004911		292	22	0.002	0.13	36.4	1.6	4	1.3	4.3	<0.05	1.83	1.1	0.025	0.92	4.9
G004912		35	21.4	<0.002	0.21	18.65	<0.1	75	19.2	1.4	<0.05	17.2	0.6	0.008	0.27	0.1
G004913		10.7	12.3	<0.002	0.07	1.54	1.4	2	0.4	3.1	<0.05	1.15	0.6	0.018	0.2	2.1

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VANCOUVER BC V6B 1L8

Project: RAU

Finalized Date: 19-JUL-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08088166

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
G004901		2	20.1	8.2	12	1.5
G004902		4	54.1	2.5	13	3.7
G004903		3	5.9	6.7	65	1
G004904		2	0.8	6.2	20	0.7
G004905		2	1.2	3.1	6	1.1
G004906		11	9.5	7.7	25	4.4
G004907		12	3.9	15.2	24	6
G004911		17	8.2	7.2	2560	10.2
G004912		5	1.8	1	16	3
G004913		11	8.6	7.4	109	5.8

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Project: RAU

Finalized Date: 19-JUL-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08088166

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

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VANCOUVER BC V6B 1L8

Finalized Date: 8-JUL-2008
Account: RCM

CERTIFICATE VA08078991

Project: RAU (Regional)

P.O. No.:

This report is for 10 Rock samples submitted to our lab in Vancouver, BC, Canada on 16-JUN-2008.

The following have access to data associated with this certificate:

AL ARCHER BILL WENGZYNOWSKI	DOUG EATON	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
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	
ME-MS61	48 element four acid ICP-MS	
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM

To: **ATAC RESOURCES LTD.**
ATTN: AL ARCHER
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.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: RAU (Regional)

Finalized Date: 8-JUL-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08078991

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
C386037		0.74	0.007		0.32	6.66	7.3	3690	1.44	17.95	0.06	0.33	27.1	32	315	5.67
C386038		2.82	0.053		0.44	0.17	>10000	60	0.43	36.1	0.32	0.75	14.25	40.1	16	0.17
C386039		0.26	0.007		8.24	0.08	203	130	0.07	8.51	2.26	687	5.53	3.3	<1	0.23
C386040		0.58	0.008		0.32	0.15	2100	50	<0.05	8.13	0.14	2.68	3.04	6.9	<1	0.22
C386041		0.34	3.83		0.36	0.24	6540	100	0.12	194	0.32	1.84	9.68	1.7	<1	0.25
C386042		0.40	0.111		0.31	0.42	4980	110	0.16	13.15	11.05	3.32	18.55	4.2	1	1.38
C386043		0.72	0.002		>100	0.04	3730	20	0.08	388	0.26	32.2	10.65	6.1	<1	0.09
C386044		4.44	0.083		0.43	0.68	>10000	550	0.13	102	0.57	0.16	8.41	2.2	19	0.88
C386045		5.12	>10.0	22.5	0.88	0.04	>10000	20	<0.05	415	0.05	0.08	0.8	0.3	5	0.28
C386046		3.18	>10.0	13.60	0.5	0.07	>10000	60	<0.05	410	0.18	0.05	3.15	0.5	3	1.24

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

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: RAU (Regional)

Finalized Date: 8-JUL-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08078991

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	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
C386037		252	13.7	18.95	1.02	0.9	0.066	2.87	14	18.6	0.74	352	1.1	0.13	1.9	231
C386038		1005	38.1	0.94	0.57	0.2	0.096	0.02	5.6	1.1	0.31	1050	7.19	0.01	0.8	116
C386039		776	27.8	7.97	0.31	<0.1	22.7	0.02	2.6	0.9	0.71	53900	0.46	<0.01	0.6	4.9
C386040		67.3	46.4	1.23	0.54	<0.1	0.116	0.03	1.4	1.1	1.84	287	1.94	0.01	1	9.3
C386041		28.7	45.3	2.3	0.69	0.1	0.3	0.04	4.3	1.5	1.77	1750	11.65	0.01	1.4	11.6
C386042		6.4	18.6	2.56	0.3	0.1	0.131	0.13	6.5	2.5	4.83	3710	0.48	0.01	0.9	12.1
C386043		1555	>50	1.07	3.49	<0.1	0.099	0.01	5.9	1	0.07	751	2.45	<0.01	1	78.8
C386044		18.8	42.3	3.9	0.52	0.3	0.075	0.24	3.7	2.9	0.14	214	0.85	0.03	2.5	12.3
C386045		6.2	23.1	0.6	0.41	<0.1	0.198	0.05	<0.5	0.8	1.01	21	0.4	<0.01	0.8	1.5
C386046		5.6	25.5	1.15	0.47	0.1	0.211	0.1	1.5	0.9	2.45	128	0.35	<0.01	1.2	2.3

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Project: RAU (Regional)

Finalized Date: 8-JUL-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08078991

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
C386037		770	2.2	141.5	<0.002	0.19	34	25.5	2	18.6	44.1	0.09	0.27	1.9	0.213	0.86
C386038		110	37.3	1	0.004	0.05	41.4	1.7	6	0.6	5.9	<0.05	0.33	0.4	<0.005	0.57
C386039		10	369	1.7	<0.002	0.02	8.23	2.1	16	244	61.9	<0.05	0.09	0.6	<0.005	1.22
C386040		40	3.6	1.9	<0.002	0.13	1.31	0.8	4	1.5	3.3	<0.05	0.48	0.2	0.008	0.24
C386041		120	12.6	3.2	<0.002	0.15	24.6	1.5	3	0.6	8	<0.05	0.39	0.5	0.014	0.18
C386042		210	38.9	15.1	<0.002	0.08	7.64	0.9	3	0.8	67.7	<0.05	0.07	<0.2	0.014	0.11
C386043		10	>10000	0.8	0.006	0.22	300	1	9	86.2	3.5	<0.05	1.8	<0.2	<0.005	0.14
C386044		300	62.7	9.7	<0.002	0.16	1.87	1.8	2	0.8	15.3	0.1	0.21	2.3	0.081	0.08
C386045		110	28.1	3.6	<0.002	8.94	47.6	0.3	4	0.4	3.6	<0.05	0.47	<0.2	0.005	0.06
C386046		220	7.7	11.5	<0.002	6.02	36.4	0.6	8	0.5	14.3	<0.05	2.09	0.2	0.013	0.08

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Project: RAU (Regional)

Finalized Date: 8-JUL-2008
Account: RCM

CERTIFICATE OF ANALYSIS VA08078991

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
C386037		0.8	116	4.1	8.4	30	30.2
C386038		4.3	9	92.4	13.4	1285	8.9
C386039		1.1	5	0.5	6.3	>10000	1.1
C386040		0.7	9	0.9	1.6	575	1.8
C386041		3.1	12	1.2	6.8	250	4.2
C386042		0.7	8	1.6	14.9	601	5
C386043		3.1	3	0.4	9	>10000	1.3
C386044		0.3	28	1.4	1.4	103	9.9
C386045		0.1	3	116	0.3	23	1.8
C386046		0.2	6	51.9	1	12	5

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CERTIFICATE OF ANALYSIS VA08078991

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

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Finalized Date: 14-JUL-2008
Account: RCM

CERTIFICATE VA08078990

Project: RAU (Regional)

P.O. No.:

This report is for 13 Soil samples submitted to our lab in Vancouver, BC, Canada on 16-JUN-2008.

The following have access to data associated with this certificate:

AL ARCHER BILL WENGZYNOWSKI	DOUG EATON	JOAN MARIACHER

SAMPLE PREPARATION

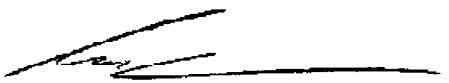
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
PUL-31	Pulverize split to 85% <75 um
SCR-01	Screen - Save plus fraction

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: **ATAC RESOURCES LTD.**
ATTN: AL ARCHER
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.

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CC12227		0.26	0.006	0.6	1.33	<2	<10	40	<0.5	<2	23.6	<0.5	6	20	10	1.54
CC12228		0.18	0.004	0.4	1.46	4	<10	30	<0.5	2	24.8	<0.5	5	14	9	1.08
CC12229		0.34	0.007	0.7	0.23	36	<10	150	<0.5	5	16.1	1.0	3	5	7	0.87
CC12230		0.34	0.004	0.4	0.24	6	<10	50	<0.5	<2	15.7	<0.5	2	4	4	0.47
CC12231		0.32	0.010	0.8	0.33	40	<10	250	<0.5	4	15.4	1.3	4	7	10	1.06
CC12240		0.18	0.003	0.4	1.74	12	<10	150	<0.5	2	17.4	0.6	14	57	22	3.13
CC12244		0.14	0.012	0.5	0.26	24	<10	120	<0.5	2	18.0	<0.5	3	7	7	0.83
CC12245		0.08	0.051	1.0	0.37	31	<10	180	<0.5	3	18.6	0.9	4	10	9	0.99
CC12246		0.20	0.016	0.7	0.39	22	<10	400	<0.5	7	18.6	1.1	6	18	11	1.33
CC12247		0.30	0.004	0.4	0.37	7	<10	160	<0.5	<2	16.1	0.6	4	5	6	0.85
CC12248		0.38	0.004	<0.2	0.20	<2	<10	160	<0.5	<2	16.3	0.6	2	4	6	0.53
CC12249		0.14	0.048	0.4	1.81	142	<10	440	<0.5	3	17.9	0.7	14	57	29	3.13
CC12250		0.26	0.004	<0.2	0.86	4	<10	100	<0.5	<2	20.2	<0.5	1	10	7	0.61

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CERTIFICATE OF ANALYSIS VA08078990

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC12227		10	<1	0.24	<10	2.25	656	1	0.02	17	220	6	<0.01	<2	3	382
CC12228		<10	<1	0.16	<10	2.86	201	1	0.03	9	130	3	<0.01	<2	3	239
CC12229		<10	<1	0.03	<10	9.94	504	2	0.02	6	320	116	0.02	2	1	54
CC12230		<10	<1	0.03	<10	9.72	190	1	0.02	2	330	14	0.01	<2	1	38
CC12231		<10	<1	0.05	10	9.59	612	2	0.02	10	390	146	0.02	2	1	55
CC12240		10	<1	0.27	10	2.67	611	1	0.02	52	460	28	0.04	<2	5	232
CC12244		<10	<1	0.06	<10	11.10	358	2	0.02	9	470	54	<0.01	<2	1	73
CC12245		<10	<1	0.11	10	10.95	524	3	0.02	11	400	122	<0.01	<2	1	88
CC12246		<10	<1	0.08	10	9.95	558	3	0.02	19	640	121	<0.01	<2	2	111
CC12247		<10	<1	0.05	10	10.25	386	1	0.01	5	530	40	0.02	<2	1	45
CC12248		<10	<1	0.03	<10	10.10	364	1	0.02	6	320	42	0.03	<2	1	36
CC12249		10	<1	0.36	10	3.17	642	<1	0.04	52	520	35	<0.01	<2	5	208
CC12250		<10	<1	0.28	<10	10.65	271	1	0.02	6	100	11	<0.01	<2	1	135

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CERTIFICATE OF ANALYSIS VA08078990

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
CC12227		<20	0.05	<10	<10	18	<10	40
CC12228		<20	0.04	<10	<10	17	<10	25
CC12229		<20	0.01	<10	<10	16	<10	336
CC12230		<20	0.01	<10	<10	11	<10	51
CC12231		<20	0.01	<10	<10	20	<10	408
CC12240		<20	0.14	<10	<10	32	<10	231
CC12244		<20	0.01	<10	<10	22	<10	176
CC12245		<20	0.01	<10	<10	21	<10	276
CC12246		<20	0.01	<10	<10	23	<10	363
CC12247		<20	0.03	<10	<10	16	<10	211
CC12248		<20	0.01	<10	10	12	<10	198
CC12249		<20	0.14	<10	10	35	<10	276
CC12250		<20	0.03	<10	10	12	10	104

APPENDIX V

ROCK SAMPLE DESCRIPTIONS

Rock Sample Descriptions Project: Rau Property: Rau

Sample Number:	Grid East:		Grid North:		Type:	Dimension:
G004901	UTM: 538584 E	UTM: 7119250 N	Sample Width: ~ 2 feet	Abundance:		
	Elevation: m					

Comments: Tan (weathering darker) fine to medium grained marble with coarser calcite veinlets. Contains thin bands and stringers (possible relict bedding or foliation) of darker material.

Sample Number:	Grid East:		Grid North:		Type:	Dimension:
G004902	UTM: 538584 E	UTM: 7119250 N	Sample Width: ~3.5 feet	Abundance:		
	Elevation: m					

Comments: Massive pyrite and boxwork limonite, with gossanous stain along exposed surfaces.

Sample Number:	Grid East:		Grid North:		Type:	Dimension:
G004903	UTM: 538584 E	UTM: 7119250 N	Sample Width: ~0.5 feet	Abundance:		
	Elevation: m					

Comments: Tan, fine to medium grained marble with intermingled, boxwork limonite

Sample Number:	Grid East:		Grid North:		Type:	Dimension:
G004904	UTM: 538584 E	UTM: 7119250 N	Sample Width: ~2 feet	Abundance:		
	Elevation: m					

Comments: Tan (weathering darker) fine to medium grained marble with coarser calcite veinlets. Contains thin bands and stringers (possible relict bedding or foliation) of darker material.

Sample Number:	Grid East:		Grid North:		Type:	Dimension:
G004905	UTM: 538584 E	UTM: 7119250 N	Sample Width: ~1.5 feet	Abundance:		
	Elevation: m					

Comments: Tan (weathering darker) fine to medium grained marble with coarser calcite veinlets. Contains thin bands and stringers (possible relict bedding or foliation) of darker material.

Sample Number:	Grid East:		Grid North:		Type:	Dimension:
G004906	UTM: 538584 E	UTM: 7119250 N	Sample Width: ~3.5 feet	Abundance:		
	Elevation: m					

Boxwork limonite with medium to coarse grained muscovite; vague banding in both outcrop and in hand samples that may reflect orientation of fracture or foliation

Rock Sample Descriptions Project: Rau Property: Rau

Sample Number:	Grid East:	E	Grid North:	N	Type:	Dimension:
G004907	UTM: 538584	E	UTM: 7119250	N	Sample Width: ~1.0 feet	Abundance:
	Elevation:	m				

Comments: tan marble intermingled with boxwork limonite

Sample Number:	Grid East:	E	Grid North:	N	Type:	Dimension:
G004911	UTM: 529039	E	UTM: 7199033	N	Sample Width:	Abundance:
	Elevation:	m				

Comments: Boxwork limonite; from gossan located along east-facing slope of northeast-trending ridge, north of Rau-08-01

Sample Number:	Grid East:	E	Grid North:	N	Type:	Dimension:
G004912	UTM: 529104	E	UTM: 7118965	N	Sample Width:	Abundance:
	Elevation:	m				

Comments: Quartz vein sample (float) found near gossan east-facing slope of northeat-trending ridge, north of Rau-08-01

Sample Number:	Grid East:	E	Grid North:	N	Type:	Dimension:
G004913	UTM: 529028	E	UTM: 7119045	N	Sample Width:	Abundance:
	Elevation:	m				

Comments: Boxwork limonite with fine-grained muscovite; 3.5 cm-wide quartz-CO3 veinlet with comb texture

Sample Number:	Grid East:	E	Grid North:	N	Type:	Dimension:
C104913	UTM: 511993	E	UTM: 7130224	N	Sample Width:	Abundance:
	Elevation:	m				

Comments: 1 block (40 x 25 x 20 cm) of massive quartz vein with blebs of rusty limonite and dark grey, soft (scratched easily with knife) metallic mineral (bismuthenite??). Taken from creek float.

Sample Number:	Grid East:	E	Grid North:	N	Type:	Dimension:
C104914	UTM: 511602	E	UTM: 7129549	N	Sample Width:	Abundance:
	Elevation:	m				

Comments: 1 piece (approximately 15 x 10 x 10 cm) of massive, white quartz vein with pods of rusty-brown limonite in blebs up to 3 cm long. Taken from E side of creek, in moss. By itself.

Rock Sample Descriptions Project: Rau Property: Rau

Sample Number:	Grid East:		E	Grid North:		N	Type:	Dimension:
C104915	UTM:	517093	E	UTM:	7127437	N	Sample Width:	Abundance:
	Elevation:		m					

Comments: dark rusty-red-purple ferricrete (semi-consolidate, easily broken up) taken from head of gossan. Ferricrete occurs as 1-2 m x 5 m long “outcrop”. Just below outflow of natural spring.

Sample Number:	Grid East:		E	Grid North:		N	Type:	Dimension:
C104916	UTM:	517031	E	UTM:	7127398	N	Sample Width:	Abundance:
	Elevation:		m					

Comments: fragments from 5 blocks of ferricrete exposed in 1 m x 0.5 m window within the caribou moss. Ferricrete is well-consolidate, dark brown-purple with occasional lighter orange fragments.

Sample Number:	Grid East:		E	Grid North:		N	Type:	Dimension:
C104917	UTM:	529248	E	UTM:	7119254	N	Sample Width:	Abundance:
	Elevation:		m					

Comments: 3 fragments from a 60 x 60 x 50 cm, massive, barren quartz vein. Very weak rusty staining on one side.

Sample Number:	Grid East:		E	Grid North:		N	Type:	Dimension:
C104918	UTM:	529242	E	UTM:	7119247	N	Sample Width:	Abundance:
	Elevation:		m					

Comments: 3 fragments from a 70 x 30 x 25 cm block of massive, barren quartz. Weak rust-staining on one face.

Sample Number:	Grid East:		E	Grid North:		N	Type:	Dimension:
C104919	UTM:	529258	E	UTM:	7119251	N	Sample Width:	Abundance:
	Elevation:		m					

Comments: 3 pieces of quartz vein with 5-80% limonite taken from within 30 x 30 cm area. Blocks no larger than 10 x 10 x 5 cm.

Sample Number:	Grid East:		E	Grid North:		N	Type:	Dimension:
C104920	UTM:	529260	E	UTM:	7119246	N	Sample Width:	Abundance:
	Elevation:		m					

Comments: 5 pieces of quartz vein from a block 30 x 25 x 20 cm. Quartz is massive, largely barren, but with small pods of limonite (<5%).

Rock Sample Descriptions Project: Rau Property: Rau

Sample Number:	Grid East:		Grid North:		Type:	Dimension:
C104921	UTM: 529261 E		UTM: 7119238 N		Sample Width:	Abundance:
	Elevation: m					

Comments: Pod of 5 blocks of quartz up to 25 x 20 x 20 cm. Quartz is massive, generally barren, but with local orange limonite (<5%). 5 pieces taken.

Sample Number:	Grid East:		Grid North:		Type:	Dimension:
C104922	UTM: 529262 E		UTM: 7119235 N		Sample Width:	Abundance:
	Elevation: m					

Comments: 3 fragments of quartz from a pod of blocks up to 60 x 30 x 20? Cm (pod is 1 x 0.5m). Quartz has local rusty staining.

Sample Number:	Grid East:		Grid North:		Type:	Dimension:
C104923	UTM: 529261 E		UTM: 7119234 N		Sample Width:	Abundance:
	Elevation: m					

Comments: Area (5 x 1 m) of approximately 60% quartz vein. 10 fragments taken from 10 blocks up to 40 x 40 x 30 cm. Samples vary from massive, barren quartz with up to about 50 % limonite.

Sample Number:	Grid East:		Grid North:		Type:	Dimension:
C104924	UTM: 529260 E		UTM: 7119228 N		Sample Width:	Abundance:
	Elevation: m					

Comments: Quartz continues linearly down from C104923 to here, zone is 1 x 0.5 m from which 6 fragments of quartz were taken. Generally barren, but up to 50 % limonite. Quartz makes up about 60% within the area.

Sample Number:	Grid East:		Grid North:		Type:	Dimension:
C104925	UTM: 529267 E		UTM: 7119221 N		Sample Width: float	Abundance:
	Elevation: m					

Comments: Area 2 x 2 m of quartz with variable amounts of limonite (none to 50%). One piece (with 50% limonite) has dark green, needle-like mineral (tourmaline?). -approximate edge of quartz train.

Sample Number:	Grid East:		Grid North:		Type:	Dimension:
C104926	UTM: 529220 E		UTM: 7119266 N		Sample Width:	Abundance:
	Elevation: m					

Comments: 6 fragments of quartz vein taken from 1 x 1 m area within float zone. Weak limonite and tourmaline. About 40% quartz within this area.

Rock Sample Descriptions Project: Rau Property: Rau

Sample Number:	Grid East:	E	Grid North:	N	Type:	Dimension:
C104927	UTM: 529226	E	UTM: 7119267	N	Sample Width:	Abundance:
	Elevation:	m				

Comments: 80 x 30 x 30 cm block of massive, barren, weakly rusty stained quartz in float train. 3 chips. Bottom of block is dolomite.

Sample Number:	Grid East:	E	Grid North:	N	Type:	Dimension:
C104928	UTM: 529228	E	UTM: 7119269	N	Sample Width:	Abundance:
	Elevation:	m				

Comments: 5 blocks of quartz up to 60 x 30 x 30 cm, in float train. Taken from area 3 x 1 m. Quartz appears barren with weak rust-staining. Within this area, quartz makes up about 30 –40% of rocks.

Sample Number:	Grid East:	E	Grid North:	N	Type:	Dimension:
C104929	UTM: 529239	E	UTM: 7119265	N	Sample Width:	Abundance:
	Elevation:	m				

Comments: Fragments of quartz taken across the quart float train (3 m wide). Majority of rocks are skarn. Quartz varies from barren to about 20% limonite. Most blocks <20 cm, 1 block is 70 x 50 x 25 cm.

Sample Number:	Grid East:	E	Grid North:	N	Type:	Dimension:
C104930	UTM: 529246	E	UTM: 7119262	N	Sample Width:	Abundance:
	Elevation:	m				

Comments: 30 cm chip sample across massive quartz vein. Minor rust staining. Quartz appears to be filling a fracture in skarn, but cannot get an orientation on it-strikes roughly 040. Chip sample may not be perpendicular to vein. Vein cuts off when it hits the adjacent LS bed.

Sample Number:	Grid East:	E	Grid North:	N	Type: float	Dimension:
C104931	UTM: 529249	E	UTM: 7119262	N	Sample Width:	Abundance:
	Elevation:	m				

Comments: 8 pieces of quartz ± skarn with limonite taken across a 3 m width. Majority of quartz is barren (often with weak rusty-staining, but 2 pieces had green skarn with about 20% limonite, and others had up to 30% limonite). Just below ridge.

Sample Number:	Grid East:	E	Grid North:	N	Type: float	Dimension:
C104932	UTM: 529249	E	UTM: 7119262	N	Sample Width:	Abundance:
	Elevation:	m				

Comments: 1 block (20 x 12 x 12 cm) of rusty weathering, dark green skarn with fibrous dark green mineral (tourmaline?). About 30% orange limonite. Small quartz crystals.

Rock Sample Descriptions Project: Rau Property: Rau

Sample Number:	Grid East:		E	Grid North:		N	Type:	Dimension:
C104933	UTM:	529065	E	UTM:	7119079	N	Sample Width:	Abundance:
	Elevation:		m					

Comments: 151/75 NE possible fracture that hosts orange-purple limonite with muscovite and quartz. Vein is no more than 10 cm wide. Host rock is buff weathering dolomite.

Sample Number:	Grid East:		E	Grid North:		N	Type:	Dimension:
C104934	UTM:	529116	E	UTM:	7119036	N	Sample Width:	Abundance:
	Elevation:		m					

Comments: 2 x 2 m area, 6 fragments of dark purple (with rusty interior) limonite collected. These fragment are from the largest pieces in the area (up to 15 x 12 x 10 cm). More smaller pieces not sampled, limonite 5-10% of rocks. Some limonite contains mica and calcite/quartz. This area more concentrated than surrounding areas.

Sample Number:	Grid East:		E	Grid North:		N	Type:	Dimension:
C104935	UTM:	529095	E	UTM:	7119003	N	Sample Width:	Abundance:
	Elevation:		m					

Comments: 1.5 x 1 m area, limonite makes up about 20-25% of rock. Composite sample of 6 fragments of limonite from blocks up to 15 x 10 x 5 cm. This area is more concentrated in limonite than surrounding areas. Limonite is brown weathering, boxwork with local muscovite, calcite and quartz.

Sample Number:	Grid East:		E	Grid North:		N	Type:	Dimension:
C104936	UTM:	529043	E	UTM:	7119041	N	Sample Width:	Abundance:
	Elevation:		m					

Comments: At top of limonite in float- largest blocks seen within the gossan (up to 40 x 40 x 8 cm). Within area 2 x 3 m, 7 pieces of limonite- fragments from each of these pieces were collected. Rusty to purple boxwork limonite with muscovite and minor quartz. Limestone outcrop about 5 m above sample.

Sample Number:	Grid East:		E	Grid North:		N	Type:	Dimension:
C104937	UTM:	529300	E	UTM:	7119052	N	Sample Width:	Abundance:
	Elevation:		m					

Comments: Chip sample across 1.5 m wide mineralized zone, within this zone is a 25 cm wide band of unmineralized, slightly dolomitized limestone. Structure on W side of zone consists of orange boxwork limonite with muscovite (about 50 cm wide). East structure consists of quartz with limonite. Cannot get a good measurement on the zone, but appears to be oriented steeply at about N.

Sample Number:	Grid East:		E	Grid North:		N	Type:	Dimension:
C104938	UTM:	529000	E	UTM:	7119024	N	Sample Width:	Abundance:
	Elevation:		m					

Comments: 9 m wide gossan with abundant small limonite fragments crosses the ridge here (about 20 m from skarn). 9 limonite fragments collected across the gossan at 1 m spacings. Orange to purple boxwork limonite.

Rock Sample Descriptions Project: Rau Property: Rau

Sample Number:	Grid East:	E	Grid North:	N	Type:	Dimension:
C104939	UTM: 529623	E	UTM: 7118719	N	Sample Width:	Abundance:
	Elevation:	m				

Comments: 1 block (about 40 x 30 x 30 cm) of massive quartz vein with beige to rusty staining and green tourmaline? Needles up to 3 cm long. Blocks of quartz vein in skarn float. 3 large blocks (up to 75 x 50 x 50 cm) and smaller ones within a 5 x 2 m area).

Sample Number:	Grid East:	E	Grid North:	N	Type:	Dimension:
C104940	UTM: 529624	E	UTM: 7118594	N	Sample Width:	Abundance:
	Elevation:	m				

Comments: 1 piece of orange-brown limonite taken from 1 m wide band of quartz and limonite outcrop along contact between skarn horizon and limestone. Limonite contains muscovite. No quartz was observed in this sample, but quartz vein is present within the 1 m wide band.

Sample Number:	Grid East:	E	Grid North:	N	Type:	Dimension:
C104941	UTM: 529624	E	UTM: 7118594	N	Sample Width:	Abundance:
	Elevation:	m				

Comments: light green and rusty weathering quartz vein with about 5% limonite, taken from 1 m wide band of quartz vein and limonite outcrop along contact between skarn and limestone.

Sample Number:	Grid East:	E	Grid North:	N	Type:	Dimension:
C104942	UTM: 529197	E	UTM: 7118783	N	Sample Width:	Abundance:
	Elevation:	m				

Comments: approximately 110 cm wide chip sample across massive quartz vein that trends 065/86 SE and cross-cuts skarn horizon. Quartz appears barren. Truncated on either end by limestone.

Sample Number:	Grid East:	E	Grid North:	N	Type:	Dimension:
C104943	UTM: 529124	E	UTM: 7118863	N	Sample Width:	Abundance:
	Elevation:	m				

Comments: 1 block (70 x 50 x 10 cm) of orange-brown-purple, swirly textured, boxwork limonite. 3 pieces broken off and sampled. Collected from limonite float train with abundant small pieces (4 m wide) and 5 larger blocks, with one blocks of limonitic quartz vein. All the large blocks are within a 2 x 3 m area.

Sample Number:	Grid East:	E	Grid North:	N	Type:	Dimension:
C104944	UTM: 529124	E	UTM: 7118863	N	Sample Width:	Abundance:
	Elevation:	m				

Comments: 1 block (60 x 30 x 25 cm) of orange-brown-purple, swirly-textured, boxwork limonite. 3 pieces of it were sampled. Collected from limonite float train with abundant small pieces (4 m wide) and 5 larger blocks, with one blocks of limonitic quartz vein. All the large blocks are within a 2 x 3 m area. See rep for C104943

Rock Sample Descriptions Project: Rau Property: Rau

Sample Number:	Grid East:		E	Grid North:		N	Type: float	Dimension:
C104945	UTM:	529124	E	UTM:	7118863	N	Sample Width:	Abundance:
	Elevation:		m					

Comments: 1 block (75 x 55 x 40 cm) of rusty weathering quartz. Most of the rock contains < 10% limonite, however, a 5 cm wide band along one side is 90-100% heavy, brown limonite (nor swirly like others). 3 pieces of it were sampled. Collected from limonite float train with abundant small pieces (4 m wide) and 5 larger blocks, with one blocks of limonitic quartz vein. All the large blocks are within a 2 x 3 m area.

Sample Number:	Grid East:		E	Grid North:		N	Type: float	Dimension:
C104946	UTM:	529121	E	UTM:	7118871	N	Sample Width:	Abundance:
	Elevation:		m					

Comments: 5 fragments of purple-grey weathering, orange-brown boxwork limonite with residual, fine-grained galena (difficult to tell percentage). Collected across 4 m width in float train with about 15% small limonite fragments.

Sample Number:	Grid East:		E	Grid North:		N	Type: float	Dimension:
C104947	UTM:	529287	E	UTM:	7119178	N	Sample Width:	Abundance:
	Elevation:		m					

Comments: 1 piece of orange-brown boxwork limonite in float (about 10 x 10 x 8 cm). 3 smaller pieces near it.

Sample Number:	Grid East:		E	Grid North:		N	Type: float	Dimension:
C104948	UTM:	527920	E	UTM:	7119333	N	Sample Width:	Abundance:
	Elevation:		m					

Comments: 1 piece (about 12 x 8 x 8 cm) of heavy, dense, orange limonite with small quartz crystals and dark purple (manganese?) patches. Taken from LS float. Only piece of limonite found.

Sample Number:	Grid East:		E	Grid North:		N	Type: float	Dimension:
C104949	UTM:	528730	E	UTM:	7119244	N	Sample Width:	Abundance:
	Elevation:		m					

Comments: 1 block (only 1 face exposed, 0.9 x 1 m) of rusty-brown-yellow weathering, light green-grey or just grey, heavy limestone?? (calcareous on unweathered, light grey parts). Contains disseminated and cavity-filling pyrite. 6 fragments from this face were sampled, with no attempt made at hygrading. Found on SE side of creekbed.

Sample Number:	Grid East:		E	Grid North:		N	Type: float	Dimension:
G004927	UTM:	528996	E	UTM:	7119036	N	Sample Width:	Abundance:
	Elevation:		m					

Comments: 6 pieces of yellow-green-purple weathering, semi-massive pyrite >> arsenopyrite? With quartz vein gangue. Pyrite crystals are up to 1.5 cm long. No piece is thicker than 3-4 cm. Found in brecciated limestone float near top of ridge. Taken from a 3 x 2 m area. non-sulphide bearing boxwork limonite also present. About 20 pieces total within the 2 x 3 m area.

Rock Sample Descriptions Project: Rau Property: Rau

Sample Number:	Grid East:		E	Grid North:		N	Type:	Dimension:
G004928	UTM:	529625	E	UTM:	7118588	N	Sample Width:	Abundance:
	Elevation:		m					

Comments: 1 block (1 m x 0.2 m x ?) massive, purple-tarnished, magnetic pyrrotite at edge of volcanic.

Sample Number:	Grid East:		E	Grid North:		N	Type:	Dimension:
G004929	UTM:	529616	E	UTM:	7118591	N	Sample Width:	Abundance:
	Elevation:		m					

Comments: 115 cm thick band of quartz vein with clotted chalcopyrite and up to semi-massive pyrrotite (magnetic). Band wraps around fold at edge of limestone, between the limestone and volcanic. Band is purple-rusty-green weathering. Difficult to get a fresh surface. Locally muscovite-rich. Does not respond to UV light. Minor calcite, rarely malachite-stained. Along this fold limb the band runs for about 10 m (full lenght of limb). Up and around fold is where G004928 was taken. Chip sample within a 50 cm panel.

Sample Number:	Grid East:		E	Grid North:		N	Type:	Dimension:
G004930	UTM:	530943	E	UTM:	7119393	N	Sample Width:	Abundance:
	Elevation:		m					

Comments: 5 pieces (generally small, but up to 8 x 6 x 3 cm) of purple, heavy, goethite rich limonite. Very dense

Sample Number:	Grid East:		E	Grid North:		N	Type:	Dimension:
G004931	UTM:	525008	E	UTM:	7123699	N	Sample Width:	Abundance:
	Elevation:		m					

Comments: In creekbed with abundant float, 1 piece (12 x 7 x 3 cm) of rusty weathering (throughout), heavy, minorly limonitic? Skarn? With patches (mm scale) of black quartz? Unlike other rocks in creekbed (mostly LS). Rock is non-calcareous and non-magnetic. More scattered pieces like this found up creek.

Sample Number:	Grid East:		E	Grid North:		N	Type:	Dimension:
G004932	UTM:	525008	E	UTM:	7123440	N	Sample Width:	Abundance:
	Elevation:		m					

Comments: 1 block (25 x 15 x 10 cm) of orange weathering, orange limonite-bearing (about 25%) quartz vein with minor calcite. Taken from creekbed.

Sample Number:	Grid East:		E	Grid North:		N	Type:	Dimension:
G004933	UTM:	525008	E	UTM:	7123275	N	Sample Width:	Abundance:
	Elevation:		m					

Comments: In creekbed, 1 piece (10 x 10 x 10 cm) of rusty-brown, heavy boxwork limonite with minor quartz vein.

Rock Sample Descriptions Project: Rau Property: Rau

Sample Number:	Grid East:		E	Grid North:		N	Type:	Dimension:
G004934	UTM:	524877	E	UTM:	7122796	N	Sample Width:	Abundance:
	Elevation:		m					

Comments: 1 piece (10 x 10 x 4 cm) of rusty-purple, boxwork limonite in float.

Sample Number:	Grid East:		E	Grid North:		N	Type:	Dimension:
G004935	UTM:	524902	E	UTM:	7122537	N	Sample Width:	Abundance:
	Elevation:		m					

Comments: Chip sample across massive quartz vein with rusty staining along one face. Vein is about 1.7 m wide and generally very clean.

APPENDIX VI

GEOLOGICAL AND GEOTECHNICAL LOGS

RAU PROJECT

PROPERTY: RAU

HOLE: RAU-08-01

Easting	Northing	Elev.	Depth (m)
528699	7118753	1384	94.81

Contractor: Superior Diamond Drilling
Drill:

Core size: BTW
Casing depth: 0.00 (m) out

Drilling dates:

Logged by: Luke Beronek

Target: 11.65 g/t gold in soil and gossanous outcrop along ridge

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	230°	-60°	compass				
94.49	230°	-63°	acid				

SUMMARY

From (m)	To (m)	Interval	Unit	Coments
0.00	4.96	4.96	OVB	
4.96	23.48	116.46	LST	
23.48	31.93	749.72	VOL	
31.93	41.35	1320.31	VOL-A	altered volcaniclastic
41.35	52.31	2163.02	LST	
52.31	59.66	3120.81	VOL-A	altered volcaniclastic
59.66	94.81	5656.36	LST	

SAMPLES

Numbers: G004501-G004539

Total: 38
Date sent:

COMMENTS

PROPERTY: RAU **HOLE: RAU-08-01**

Struct.		LITHOLOGY								MINERALS				SAMPLES				Blocks			GEOTECHNICAL			
																					REC		RQD	
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	py-dissem.	py-veinlet	po - (total)		From (m)	To (m)	Interval (m)	Sample	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent
		0	**4.96**	4.96		Box 1	FG-MG	MD-GY	**Overburden**; broken pieces of recrystallized limestone									0.00	7.62	7.62	2.97	39.0%	2.57	33.7%
									<10 cm in length, along core axis.									7.62	10.66	3.04	2.59	85.2%	2.57	84.5%
																		10.66	13.71	3.05	3.01	98.7%	2.89	94.8%
		4.96	**10.66**	5.7		Box 1	FG-MG	MD-GY	**85-90% recrystallized argillaceous limestone** with	t				7.79	8.79	1.00	G004501	13.71	16.76	3.05	2.95	96.7%	2.77	90.8%
									mottled texture overprinting primary laminae. Mottled									16.76	19.81	3.05	2.93	96.1%	2.62	85.9%
									texture stands out as dark- and light-coloured									19.81	22.86	3.05	2.86	93.8%	2.65	86.9%
									curviplanar to wavy divisions in core. Trace dissem.									22.86	25.90	3.04	2.98	98.0%	2.82	92.8%
									pyrite in this lithology.									25.90	27.43	1.53	1.68	109.8%	1.68	109.8%
																		27.43	30.48	3.05	3.03	99.3%	2.98	97.7%
						Box 1	FG-MG	MD-GY	**10-15% recrystallized fossiliferous limestone** with	t								30.48	33.52	3.04	3.01	99.0%	2.87	94.4%
									crinoid and bioclastic hash fragments up to 3mm long.									33.52	36.57	3.05	3.05	100.0%	2.98	97.7%
									Trace disseminated very fine grained pyrite.									36.57	39.62	3.05	2.99	98.0%	2.93	96.1%
																		39.62	42.67	3.05	2.91	95.4%	2.81	92.1%
		10.66	**22.3**	11.64		Box 2,3		MD-GY	**50% solution breccia** with angular to rounded clasts of					11.23	12.23	1.00	G004502	42.67	45.72	3.05	2.90	95.1%	2.62	85.9%
									limestone (some dolomitized), on average 1 cm x 2 cm					14.28	15.28	1.00	G004503	45.72	48.76	3.04	3.06	100.7%	2.97	97.7%
									long. Majority of carbonate fragments are 'clast					17.37	18.37	1.00	G004504	48.76	51.81	3.05	3.01	98.7%	2.87	94.1%
									supported', surrounded by calcite 'matrix'.					20.45	21.45	1.00	G004505	51.81	54.86	3.05	2.83	92.8%	2.41	79.0%
																		54.86	57.91	3.05	2.98	97.7%	2.55	83.6%
FO	62					Box 2,3	FG-MG	MD-GY	**50% recrystallized limestone**. Calcite stringers	t-w	t-w							57.91	60.96	3.05	2.98	97.7%	2.92	95.7%
									concordant with foliation, which may also be primary									60.96	64.00	3.04	2.99	98.4%	2.93	96.4%
									bedding. Most stringers are curved to irregular shaped.									64.00	67.60	3.60	3.00	83.3%	2.87	79.7%
																		67.60	70.10	2.50	2.94	117.6%	2.86	114.4%
VT	40								At 21.09 m : 1 mm pyrite crystals in calcite veinlet									70.10	73.15	3.05	3.02	99.0%	2.65	86.9%
									(~2-3 mm wide)									73.15	76.20	3.05	2.80	91.8%	2.60	85.2%
									At 21.49 m : very fine grained pyrite massive in habit									76.20	79.25	3.05	3.05	100.0%	2.67	87.5%
									along veinlet.									79.25	82.30	3.05	2.96	97.0%	2.88	94.4%
																		82.30	85.34	3.04	3.04	100.0%	3.91	128.6%
									Both veinlets have similar orientations and occur near									85.34	88.39	3.05	2.96	97.0%	2.87	94.1%
									solution breccia - recrystallized limestone contacts									88.39	91.44	3.05	2.59	84.9%	2.42	79.3%
																		91.44	94.81	3.37	3.37	100.0%	2.90	86.1%
		22.3	**23.48**	1.18		Box 4	FG-MG	LT-GY	**Gradational zone** that lies below breccia/recrystallized	m				22.31	23.31	2.00	G004506							
									limestone interval and above brown-red mineralized															
									zone. This recrystallized limestone unit has fine															
									grained pyrite in disseminated blebs (commonly															
									0.5mm x 7-10 mm long). Pyrite fills sinuous, irregular															
									shaped cracks (<1 mm). In total, up to 5-7% dissem.															
									pyrite.															
VT	50								At 22.40 m : 1 cm wide barren quartz veinlet with															
									calcite selvage															
		23.48	**25.2**	1.72		Box 4	MG	BR-RD	**Skarn** - recrystallized siliciclastic rock (shale, siltstone?)	m-s	t-w			23.31	24.31	1.00	G004507							
FO	45								rock is calcareous or has undergone carbonate					24.31	25.31	1.00	G004508							
									alteration. Mineralization occurs pervasively															
									as elongated, but patchy, accumulations of pyrite															
									along foliation; most accumulations are 0.5 mm x															

PROPERTY: RAU **HOLE: RAU-08-01**

Struct.		LITHOLOGY								MINERALS				SAMPLES				Blocks			GEOTECHNICAL			
																					REC		RQD	
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	py-dissem.	py-veinlet	po - (total)		From (m)	To (m)	Interval (m)	Sample	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent
									5mm long; up to 3 x 6mm long blebs of pyrite. Up to															
									7-10% pyrite															
		25.2	**29.45**	4.25		Box 4,5	MG	BR-RD	**"White Leopard Pyrrhotite Unit"** : recrystallized clastic	t-w		m		25.31	26.31	1.00	G004509							
									skarn rock. Distinctive texture in this interval - white					26.31	27.31	1.00	G004510							
									circular +/- oblate shaped calcite accumulations					27.31	29.31	2.00	G004511							
									surrounded by pyrite and pyrrhotite (weakly magnetic															
									when disseminated) that appear to be evenly															
									distributed, independent of foliation. Calcite accum's															
									are commonly 2-4 mm long x 1 mm wide. Up to 10															
									calcite veinlets per 1 m of core.															
VT	50								Example: at 25.70 m - magnetic (po-rich?) veinlets															
									1.5-2.0 mm wide. Pyrrhotite zones are not as															
									calcareous.															
		29.45	**31.93**	2.48		Box 5	FG-MG	BR-RD	**Skarn** - recrystallized siliciclastic rock, calcareous or	t		t		29.31	31.31	2.00	G004512							
									carbonate altered. Texture: some elongated pyrite					31.31	33.31	2.00	G004513							
									accum's, some disseminated pyrite and pyrrhotite.															
									Pyrrhotite occurs with calcite in <1mm irregular															
									shaped stringers (example: 31.18 m). Possibly some															
									fine grained biotite growth?															
		31.93	**34.38**	2.45			FG-MG	LT-GY	Light grey, fine to medium grained, metaclastic rock			t		33.31	35.31	2.00	G004514							
VT	60								with ~10 calcite veinlets per 1 m of core.															
									Pyrrhotite veinlet at 34.03 m; 2 mm wide. Po crystals															
									occur as accumlations; 0.5 mm to 1.0 mm.															
		34.38	**41.35**	6.97		Box 6,7	MG	DK-GY	**"Black Leopard Pyrrhotite Unit"**: another texturally	t		t		35.31	37.31	2.00	G004515							
FO	65								distinct interval; mainly dark coloured (with some					37.71	39.31	2.00	G004516							
									white) accumulations in skarn rock. Disseminated					BLANK (#1)			G004517							
									pyrite and pyrrhotite in part (some dark coloured grains					39.31	41.39	2.00	G004518							
									in accum's) with calcite. Pyrrhotite also in calcite															
									fracture fill (example: 36.90m). Overall, leopard spots															
									do not appear to follow foliation. Lower portion of the															
									interval has <0.5 m of 5-10 mm diameter oblate, white															
									calcite accumulations.															
		41.35	**43.89**	2.54		Box 7	FG-MG	LT-GY	**Recrystallized limestone** with <1mm stringers of	t		t		41.31	42.67	1.36	G004519							
FO	58								sulphides. This interval is gradation out of mineralized					42.67	43.89	1.22	G004520							
									skarn zone (above) into solution breccia (below).															
									Veinlet and disseminated blebs and aggregates of															
									pyrrhotite, up to 4mm wide. Pyrrhotite is pervasive															
									until 42.67 m, where sulphides are mainly pyrite.															

PROPERTY: RAU **HOLE: RAU-08-01**

Struct.		LITHOLOGY								MINERALS				SAMPLES				Blocks			GEOTECHNICAL			
																					REC		RQD	
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	py-dissem.	py-veinlet	po - (total)		From (m)	To (m)	Interval (m)	Sample	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent
		43.89	**52.31**	8.42		Box 8,9		MD-GY	**Solution breccia** with pyrite stringers (<1mm) at	t				43.89	46.04	2.15	G004521							
									various orientations; unclear what folation is.					50.95	52.93	1.98	G004522							
									Breccia has less 'matrix' that similar lithology at top of																
									hole. Lower 2.0 m of interval has trace to weak																
									disseminated pyrite.																
		52.31	**59.66**	7.35		Box 9,10	FG-MG	MD-GY	**Metaclastic skarn rock**, calcareous or carbonate	t-w		t		52.93	54.93	2.00	G004523							
FO	80								altered. Mostly pyrite appears along <1mm stringers					54.93	56.93	2.00	G004524							
									concordant with foliation. ~10 stringers per 10 cm of					56.93	58.28	1.35	G004525							
									core. <1% disseminated pyrrhotite.					58.28	59.66	1.38	G004526							
		59.66	**62.72**	3.06		Box 10,11			**Recrystallized argillaceous limestone**. Foliation show					61.52	62.52	1.00	G004527							
FO	40								by slightly curved to irregular shaped stringers (<1mm)															
		62.72	**94.81**	32.09		Box 11-16			**90% Solution breccia** - fairly monotonous w/specific					64.75	65.75	1.00	G004528							
FO	58								pyrite-rich intervals. 'Clast-supported' (w/calcite matrix)					67.81	68.81	1.00	G004529							
									textures dominate; pebble-sized fragments that are					71.00	72.00	1.00	G004530							
									angular to subrounded. Some partially dolomitized.					74.00	75.00	1.00	G004531							
									Minority of remaining core (<10%) is mottled					77.00	78.00	1.00	G004532							
									recrystallized limestone.					BLANK (#2)			G004533							
														80.00	81.00	1.00	G004534							
									From 68.55 - 76.20 m : pyrite-rich zone in breccia as	t-m	w-f			83.00	84.00	1.00	G004535							
									disseminated, veinlet, and vug-filling mineralization.					86.00	87.00	1.00	G004536							
									(e.g., 10 mm x 10mm vugs). Richest intervals have					89.00	90.00	1.00	G004537							
									~ 7% pyrite over 0.5 m. Veinlets as stringers (<1mm)					92.00	93.00	1.00	G004538							
									along foliation. Vugs occur where calcite matrix has					STANDARD (#1)			G004539							
									dissolved around clasts (sometimes dolomitic).															
									Background solution breccia commonly still has trace															
									pyrite mineralization.															
									No pyrrhotite observed in this interval.															
									Hole ends at 94.18m															

RAU PROJECT

PROPERTY: RAU

HOLE: RAU-08-02

Easting	Northing	Elev.	Depth (m)
528556	7119098	1273	131.06

Contractor: Superior Diamond Drilling
Drill:

Core size: BTW
Casing depth: (m) out

Drilling dates:

Logged by: Luke Beranic

Target: Gossan along creek

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	230°	-60°	compass				
131.06	230°	-60°	acid				

SUMMARY

From (m)	To (m)	Interval	Unit	Coments
0.00	6.10	6.10	OVB	
6.10	17.50	11.40	LST	
17.50	19.55	2.05	DOL	
19.55	28.53	8.98	LST	
28.53	33.98	5.45	DOL	
33.98	37.03	3.05	LST	
37.03	50.25	13.22	VOL-A	altered volcaniclastics
50.25	121.35	71.10	MZ	
121.35	131.06	9.71	LST	

SAMPLES

Numbers: G004540-G004613

Total: 75
Date sent:

COMMENTS

PROPERTY: RAU **HOLE**: Rau-08-02

Struct.		LITHOLOGY								MINERALS				SAMPLES				Blocks			GEOTECHNICAL			
																					REC		RQD	
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	pyrite	pyrrhotite	arsenopyrite	chalcopyrite	From (m)	To (m)	Interval (m)	Sample	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent
		0	**6.1**		LST			Lt GY	Overburden, broken LST. Irregular-shaped stringers									0.00	6.10	6.10				
									along FO with <1% calcite (Ca) and pyrite (Py)									6.10	9.10	3.00	1.98	66	0.75	25.0%
																		9.10	12.19	3.09	2.30	74	0.90	29.1%
		6.1	**7.35**		CRB		CG	Dk Gy	Broken LST (most <10 cm) but more coherent than					6.10	7.10	1.00	G004540	12.19	15.24	3.05	2.45	80	1.65	54.1%
FO	50								overburden. LST is rx and partially dolomitized.					STANDARD			G004541	15.24	18.29	3.05	2.74	90	1.97	64.6%
																		18.29	21.34	3.05	2.92	96	2.46	80.7%
		7.35	**11**					Dk BN						10.00	11.00	1.00	G004542	21.34	24.38	3.04	2.90	95	2.64	86.8%
									Boxwork limonite gossan interval w/ broken pieces, mainly <10 cm. Vuggy texture, both empty and with Py. Vugs up to 2-3 cm in size. Py-bearing vugs in lower 0.80 m of ~2.0 m interval. Gossan contact with underlying rock unit is observed; looks like sinuous, fluid flow boundary. Ca-alteration; gossan rock fizzes or represents carbonate replacement. Also light orange coloured oxides, jarosite? Vugs do not appear to have preferred orientation. Estimate of unoxidized py in lower 0.80 m section is ~1%.	t									24.38	27.43	3.05	2.96	97	2.96	97.0%
														13.24	14.24	1.00	G004543	27.43	30.48	3.05	2.89	95	2.64	86.6%
		11	**17.5**		Bx			Lt -Md GY	Dolomite solution breccia, with angular to rounded	t				15.24	16.24	1.00	G004544	30.48	33.53	3.05	3.04	100	3.04	99.7%
									dolomitic rock fragments surrounded by coarse-grained white dolomite xtls. Some <1 mm limonite									33.53	36.58	3.05	2.62	86	2.58	84.6%
									stringers with irregular to planar shapes. Occasional sections with grey fragments in grey 'matrix' that are rounded; possible evidence for milling. Contains large vugs formally occupied by pyrite, commonly 10 x 10 mm, up to 20 x 40 mm. CO3 and qtz veinlets occur along similar orientation to py and limonite veinlets. Veinlets make up 1% or less of this interval.									36.58	39.62	3.04	3.04	100	2.86	94.1%
VT	30																	39.62	42.67	3.05	3.05	100	2.53	83.0%
																		42.67	45.72	3.05	3.03	99	2.61	85.6%
		17.5	**19.55**		DOL		CG	TN-BR	Interval of coarse-grained, brown to rust-stained,	t	t			18.29	19.29	1.00	G004545	45.72	48.72	3.00	3.05	102	1.89	63.0%
VT	35								dolomite xtls with veinlets of pyrite up to 2-3 mm wide. Up to 5 pyrite veinlets per 10 cm of core; original disseminated pyrite could have been a few percent. Weakly magnetic zones in stringers and disseminations that could represent very fine grained pyrrhotite (po).									48.72	50.29	1.57	1.50	96	1.33	84.7%
																		50.29	53.34	3.05	2.92	96	2.85	93.4%
		19.55	**28.53**		LST		FG-MG	MD GY	Rx argillaceous limestone (partially dolomitized).	t	t			20.38	21.38	1.00	G004546	53.34	54.46	1.12	1.67	149	1.21	108.0%
FO	60								Medium- to coarse-grained pyrite along prominent					22.38	23.38	1.00	G004547	54.46	57.92	3.46	2.97	86	2.77	80.1%
FO	62								FO; ~ 10 veinlets (<1 cm) per 0.1 m of core. Rusty-					24.38	25.38	1.00	G004548	57.92	60.96	3.04	3.00	99	2.87	94.4%
									gossan zone within ARG LST ~23.00 m. ARG LST					26.38	27.38	1.00	G004549	60.96	64.00	3.04	3.03	100	3.04	100.0%
									transitions into Lt GY LST with elongated argillite									64.00	67.05	3.05	3.03	99	2.94	96.4%
									clasts' along FO, well observed ~26.78 m. These					28.53	29.53	1.00	G004550	67.05	70.10	3.05	3.05	100	2.99	98.0%
									clasts are probably remnant of original country rock					29.53	30.53	1.00	G004551	70.10	73.15	3.05	2.95	97	2.62	85.9%
									adjacent to carbonate that underwent replacement.					30.53	31.53	1.00	G004552	73.15	76.20	3.05	3.05	100	2.45	80.3%
									Medium- to coarse-grained Py (<1%) until 28 m.					31.53	32.53	1.00	G004553	76.20	79.24	3.04	3.05	100	2.81	92.4%
																		79.24	82.29	3.05	3.06	100	2.87	94.1%

PROPERTY: RAU **HOLE**: Rau-08-02

Struct.		LITHOLOGY								MINERALS				SAMPLES				Blocks			GEOTECHNICAL			
																					REC		RQD	
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	pyrite	pyrrhotite	arsenopyrite	chalcopyrite	From (m)	To (m)	Interval (m)	Sample	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent
		28.53	**33.98**		CRB		CG	WHT-GY	LST-DOL xtls with disseminated, fine-grained Po	t		t						82.29	85.34	3.05	3.07	101	2.71	88.9%
VT	50								(28.53-30 m). Clay or talc alteration in one patchy									85.34	88.39	3.05	3.03	99	2.44	80.0%
									interval, ~ a few cm wide. Po visible in irregular-									88.39	91.44	3.05	2.97	97	2.51	82.3%
									shaped stringers concordant with FO.									91.44	94.18	2.74	3.16	115	2.27	82.8%
																		94.18	97.53	3.35	2.72	81	2.72	81.2%
		33.98	**37.03**		LST		FG-MG	Md-Dk GY	ARG LST with Ca veinlets (tension cracks?); fresh					33.98	34.98	1.00	G004554	97.53	100.58	3.05	2.98	98	2.75	90.2%
VT	40								surface is greasy, graphitic in composition.									100.58	102.10	1.52	1.61	106	1.53	100.7%
FO	60																	102.10	105.15	3.05	2.99	98	2.85	93.4%
																		105.15	106.68	1.53	1.75	114	1.41	92.2%
		37.03	**50.25**				FG	Lt GN-GY	Talc-Sulphide Zone - Distinctive interval of soapy,	tw-w?	t			37.03	38.03	1.00	G004555	106.68	109.72	3.04	3.05	100	2.84	93.4%
FO	55								soft, green-grey talc with foliation-hosted py and po,					38.03	39.03	1.00	G004556	109.72	112.77	3.05	3.08	101	2.92	95.7%
									mostly within stringers (<1 mm) to thin veinlets					39.03	39.62	0.59	G004557	112.77	115.82	3.05	3.05	100	2.99	98.0%
									(1-3 mm).					39.62	40.62	1.00	G004558	115.82	118.87	3.05	2.89	95	2.89	94.8%
									Po-rich veinlet mineralization well-observed from					BLANK			G004559	118.87	121.92	3.05	3.10	102	2.67	87.5%
									38.45-44.87 m.					40.62	41.62	1.00	G004560	121.92	124.96	3.04	2.96	97	2.70	88.8%
									FO-hosted sulphides occur as thin accumulations					STANDARD			G004561	124.96	128.01	3.05	2.99	98	2.81	92.1%
									or aggregates; occasionally these are lenticular.					41.62	42.74	1.12	G004562	128.01	131.06	3.05	2.96	97	2.85	93.4%
VT	40								**Some Py veinlets (1 cm wide) ~40-41.00 m have					42.74	44.74	2.00	G004563							
									dramatically different orientation than FO and x-cut					44.74	46.74	2.00	G004564							
									main mineralization event.					46.74	48.74	2.00	G004565							
									~46.00 m : 0.5-1.0 cm Ca veinlets occur at 10					48.74	50.25	1.51	G004566							
									veinlets per 0.50 m of core.															
									From 48-50.25 m, Py and PO occur in oblate															
									shaped accumulations, strung out along FO.															
		50.25	**54.86**		SKN		FG-CG	Md-Dk GY	Gradation Zone into carbonate replacement skarn:	t	t	w-f		50.70	52.73	2.03	G004567							
VT	35								Rx argillaceous LST intermingled with argillite and					52.73	54.86	2.13	G004568							
FO	55								carbonaceous units; Py and Po present in 1-3 mm					BLANK			G004569							
									veinlets with some amoeba-like accumulations.															
									First appearance of arsenopyrite (Asp) at 52.78 m.															
									Asp as 2-8 mm euhedral xtls in contact zone with															
									graphitic rocks and carbonate skarn. From 52.78 -															
									54.86 m, Asp-rich interval (3-5%) with 10 cm-wide															
									semi-massive zone (15% +). Locally magnetic, Asp															
									may be intergrown with fine-grained Po.															
		54.86	**121.35**		SKN		FG-CG	Lt GY	Main Carbonate Replacement Sulphide Zone:					54.96	55.96	1.00	G004570							
									mineralized zone with Py>Asp>Po>Cpy is hosted					55.96	57.92	1.96	G004571							
Note: Divisions below are arbitrary; used to break up interval.									within coarse-grained Ca and Dol and fine-grained															
									white gypsum or talc.															
FO	50								54.86-56.76 m : Interval begins with 3 cm boxwork	t	t													
									limonite gossan. Py and Po along vague FO as 1-3															
									cm swaths. Po is bleb-like (1-2 mm); Po,Py ~1-2%															
FO	55								56.76-64.00 m : >90 % sulphides concordant to FO	t	t	t	t	57.92	59.32	1.40	G004572							
									with Py>Asp>Po within 2-5 mm bands or stringers.					59.32	60.72	1.40	G004573							
									Asp in distinct 0.25 m-wide zones, separated by					60.72	62.72	2.00	G004574							
									Py and Po -filled stringers. Possibly trace Cpy					62.72	64.72	2.00	G004575							
									intergrown with Py; evidence for Py-Po intergrowths															

PROPERTY: RAU **HOLE**: Rau-08-02

Struct.		LITHOLOGY								MINERALS				SAMPLES				Blocks			GEOTECHNICAL			
																					REC		RQD	
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	pyrite	pyrrhotite	arsenopyrite	chalcopyrite	From (m)	To (m)	Interval (m)	Sample	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent
									as well. Asp: 2-10 mm euhedral-subhedral xtls															
									intergrowth with Py, Po; in specific zones occurs at															
									3-4% level with some 10 cm intervals up to 7%.															
									Py: fine to coarse-grained xtls disseminated and in															
									veinlets, and semi-massive textures (e.g., 10 cm at															
									20%; 60.45 m). Overall, Py is 3-4% with 5-10 cm															
									zones up to 7%. Po: obvious darker colour in this															
									interval; mainly veinlets but also w/Asp as coarse															
									xtls along FO with Py. Conservative estimate is 1%.															
									Cpy: <1%, occurs sparsely with Po and Py, near Asp															
									zones.															
									64.00-68.29 m : Carbonate host to sulphides	tw-w-fair for Py & Po				64.72	66.72	2.00	G004576							
									changes to white, greasy, pearly gypsum (or talc?).					66.72	68.72	2.00	G004577							
									At 64 m, three 5-7 cm semi-massive (25%) Py															
									accumulations but no visible Po or Asp in them.															
									This interval is barren of Asp from 63.50-67.00 m															
									Asp occurs in trace amounts w/Py from 67-68.29 m.															
									67-68.29 m also comprises Po in 2-3 mm vugs															
									and veinlets (1-2%). Po rim observed w/Py core at															
									67.70 m. Py total in this interval 1-2%.															
									68.29-70.10 m : Po as vug-filling phase and along	t-tw	t	t-tw		68.72	70.72	2.00	G004578							
									FO as stringers until 69.60 m. Vugs filling xtls 10 x															
									10 mm. 0.2 m Asp zone as vug-filling phase and															
									concordant with FO ~69.50 m. From 69.60-70.10 m,															
									Py-rich interval (up to 3%) and one 10 cm-wide Asp															
									zone (1-2%). Still in gypsum/talc host zone.															
FO	55								70.10-74.10 m : Begins w/ two 3-5 cm metaclastic	t	t	t		70.72	72.72	2.00	G004579							
VT	50								(arg?) intervals along FO w/Py and Po along					72.72	74.72	2.00	G004580							
									contacts and in disseminations nearby. Py and Po					STANDARD			G004581							
									are typically fine to med-grained and total 2-3%, w/															
									zones up to 4% Py (e.g., ~8 veinlets of Py per 10 cm															
									of core). Asp not pervasive but over 0.3 m interval															
									at 1-2%.															
FO	52								74.10-79.74 m : Continuing in gypsum host. Mainly	Po,Py	tw-f	t		74.72	76.72	2.00	G004582							
									Py-rich (4-5%) as stringers to veinlets (1-5 mm)					76.72	78.22	1.50	G004583							
									along FO, with trace Po; ~ 20 Py-stringers per 50 cm					78.22	79.74	1.52	G004584							
									of core. At 75.50 m, up to 1 mm Asp xtls til 75.65 m,															
									and trace Po. Py and Po average 1-3% up to 3-5%.															
									At 78.30 m, 4-5 mm Po and Asp xtls w/ only 1% Py.															
									Asp in specific, 0.4 m intervals.															
FO	60								79.74-85.34 m : Py intergrown w/Po, concordant					BLANK			G004585							
									and discordant to FO. From 80.35-81.00 m, Asp-					79.74	81.74	2.00	G004586							
									rich (0.6 m interval) along FO and as disseminated					81.74	83.74	2.00	G004587							
									4-6 mm euhedral xtls; Asp 2-3% and up to 10%					83.74	85.74	2.00	G004588							
									within 0.2 m zone from 80.80-81.00 m. From 81-															

PROPERTY: RAU **HOLE**: Rau-08-02

Struct.		LITHOLOGY								MINERALS				SAMPLES				Blocks			GEOTECHNICAL			
																					REC		RQD	
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	pyrite	pyrrhotite	arsenopyrite	chalcopyrite	From (m)	To (m)	Interval (m)	Sample	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent
									83.95 m, mainly Py w/tracePo along FO. At 83.95 m,															
									contact w/greasy light green-grey metasedimentary															
									interval (1 cm or so). Py total 3-4% (~10 veinlets per															
									10-15 cm of core). From 83.95-85.34 m, mainly Py															
									with trace Po and Asp; Po intergrown with Py. Asp															
									only located adjacent to very thin metasedimentary															
									layers.															
FO	75								85.34-92.00 m : Continuing in gypsum host. Py and	f-m	t	t		85.74	87.74	2.00	G004589							
VT	30								Po both concordant and discordant to FO. Po less					87.74	89.74	2.00	G004590							
									abundant (~1%), and in veinlets and intergrown w/					89.74	91.74	2.00	G004591							
									disseminated Py. Py total is ~2%. Very fine-grained					91.74	93.74	2.00	G004592							
									silica vein (barren) cuts core axis at 0 degrees.															
									Asp, intergrown with Po and Py, is commonly 1%															
									or less; but over certain 0.15 m intervals is 2-3% as															
									2-3 mm xtls along FO. Trace Po; Py as stringers to															
									coarse-grained xtls totaling 3-5% of core.															
FO	90								92.00-96.90 m : Stringers of Py (2-3%) dominate w/	tw-w	t	t		93.74	95.74	2.00	G004593							
FO	65								trace intergrowths of Po. Interval of coarse-grained					95.74	97.74	2.00	G004594							
									Asp (1%) from 95.49-95.65 m, intergrown with Po.															
FO	70								96.90-102.10 m : Sulphides with coarse-grained	t	t	t		97.74	99.74	2.00	G004595							
									dolomite xtl host; no gypsum at this interval. From					99.74	101.74	2.00	G004596							
									96.90 to 100. 58 m, Py>Po>>Asp; Asp trace over 0.3					101.74	103.74	2.00	G004597							
									m interval from 99.50-99.80 m. Py pervasive,															
									commonly 10 veinlets per 10 cm of core. Po as 1-4															
									mm blebs or intergrown with Py; ~1% total. From															
									100.58-102.10 m, fine grained accumulations of															
									Py, ~2%. Asp observed from 100.58-101.12 m in															
									trace amounts as 1-3 mm xtls intergrown with Py															
									and Po. Po trace.															
FO	70								102.10-105.15 m : Med to coarse-grained Py along	w-f		t		103.74	105.74	2.00	G004598							
									FO; less veining that most of mineralized zone.															
									~5 veinlets per 10 cm of core, commonly 1-4 mm															
									wide, at Py ~2-3%, up to 5%. Asp in intervals,															
									commonly 0.2 m wide (~1% level, intergrown w/Py).															
									Asp in banded intervals 2, 5, 5, 2, and 11 cm wide															
									respectively in this zone; Asp up to 10% in those															
									bands.															
									105.15-107.45 m : Coarse dolomite xtl host. 9 cm-	w	t	tw		105.74	107.74	2.00	G004599							
									wide band of Asp, 4-14 mm xtls, at 5-7%. Trace Po;					BLANK			G004600							
									Py in veinlets and 2 cm swaths at 2-3%. At 106.68															
									meters, 2-3% Asp over 0.30 m interval, w/ 2-8 mm															
									xtls.															
FO	70								107.45-109.72 m : Over 0.5 m interval from 107.45	t		tw		107.74	109.74	2.00	G004601							
									to 107.95 m, three Asp bands 6, 10, and 5 cm wide.															

PROPERTY: RAU **HOLE**: Rau-08-02

Struct.		LITHOLOGY								MINERALS				SAMPLES				Blocks			GEOTECHNICAL			
																					REC		RQD	
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	pyrite	pyrrhotite	arsenopyrite	chalcopyrite	From (m)	To (m)	Interval (m)	Sample	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent
									Asp xtls intergrown with Py; Asp 5-7% over those															
									small intervals.															
									109.72-110.35 m : Asp as intervals 50, 15, and 8			tw		STANDARD			G004602							
									cm; 2-6 mm xtls along FO at 2-4S%. 110-110.10 m					109.74	111.74	2.00	G004603							
									Py has graphic (myrmekitic?) texture w/ Asp															
									discordant to FO.															
									110.35-113.12 m : Asp more diluted through core;	tw		t		111.74	113.74	2.00	G004604							
									appears in bands as 2-10 mm xtls adjacent to Py															
									veinlets. Asp ~1%. Py at ~7 veinlets per 10 cm.															
									Py at 1-3%.															
FO	70								113.12-115.82 m : Sulphides hosted in coarse	tw		t		113.74	115.74	2.00	G004605							
									carbonate xtls. Asp from 113.12-115.77; along FO															
									w/ Py at 1%. Some 10 cm intervals feature 2-3 cm															
									Asp-rich bands ~2% intergrown with Py. Py															
									predominantly as fine to medium grained xtls in															
									veinlets along FO; commonly 10 veinlets per 10 cm.															
									Total 2-3% Py, locally up to 5%.															
FO	60								115.82-118.95 m : From 115.82-116.36 m, Asp	tw		tw		115.74	117.74	2.00	G004606							
									~1%; 117.55-118.45 m, Asp in 5-10 mm bands					117.74	119.74	2.00	G004607							
									(~2%) and as xtls along FO intergrown w/Py. Py															
									as veinlets and lone xtls and aggregates along FO;															
									equal amounts of Asp and Py; 2%?															
FO	45								118.95-122.72 m : Coarse white dolomite xtl host.	t	tw	t		119.74	121.42	1.68	G004608							
									119.60-119.96 m, Asp as 2-6 mm xtls at 1% w/Py.															
									At 120.40 m, dolomite and mineralization zone					121.42	122.65	1.23	G004609							
									contacts w/ 'stringered' black graphitic country rock.															
									Below this, trace Asp and Py; largely vug-filling and															
									stringers containing Po. Vugs ~8 x 8 mm. Last gasp															
									of mineralization occurs from 120.40-121.35 m, w/															
									<1% Py, Asp, and Po in stringers. 121.35-122.72 m,															
									fine to medium grained, white, sucrosic calcite															
									contains black stringers with black cubic minerals															
									that are magnetic - - magnetite?															
		121.35	131.06	9.71	LST																			
									122.72-131.06 m : Footwall metasediment unit.					123.65	124.65	1.00	G004610							
									Barren.					125.65	126.65	1.00	G004611							
FO	45								From 122.72-124.06 m, drk grey mottled graphitic					127.65	128.65	1.00	G004612							
									limestone.					129.65	130.65	1.00	G004613							
FO	45								From 124.06-124.50 m, light grey to tan, talc rock.															
FO	45								From 124.50-131.06 m, dark grey mottled															
									argillaceous limestone w/ 1-2 mm 'black leopard'															
									spots in calcite.															
									131.06 m - End of hole.															
									Surface expression along -60 dip hole, along 230															

PROPERTY: RAU **HOLE**: Rau-08-02

Struct.		LITHOLOGY								MINERALS				SAMPLES				Blocks			GEOTECHNICAL			
																					REC		RQD	
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	pyrite	pyrrhotite	arsenopyrite	chalcopyrite	From (m)	To (m)	Interval (m)	Sample	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent
									degrees is 65.5 meters.															

RAU PROPERTY

PROPERTY: RAU

HOLE: RAU-08-03

Easting	Northing	Elev.	Depth (m)
528420	7119030	1242	62.55

Contractor: Superior Diamond Drilling
Drill:

SURVEY							
Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	060°	-50°	compass				

Core size: BTW
Casing depth: (m) out

Drilling dates:

Logged by: luke beranic

Target: Scisor on Rau-08-02

SUMMARY				
From (m)	To (m)	Interval	Unit	Coments
0	12.19		LST	
12.19	62.55		OX	boxwork limonite

SAMPLES	
Numbers:	G004826-G004844
Total:	19
Date sent:	

COMMENTS

Hole lost, very poor recovery

PROPERTY: Rau **HOLE: Rau 08-03**

Struct.		LITHOLOGY								ALT.			MINERALS				SAMPLES				Blocks			GEOTECHNICAL			
																								REC		RQD	
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:								From (m)	To (m)	Interval (m)	Sample	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent
		0	**12.19**						Overburden; mainly <10 cm pieces of								0.00	6.09	6.09	G004826							
									Lt GY LST and solution bx; light TN to								6.09	9.14	3.05	G004827							
									WHT sucrosic LST w/ gossan interval.								9.14	12.19	3.05	G004828							
																	12.19	15.24	3.05	G004829							
		12.19	**42.67**						This interval contains BRN-RD,								15.24	21.33	6.09	G004830							
									moderatley indurated, gossan and BRN								21.33	27.43	6.10	G004831							
									RD gossanous clay. No sulphides								27.43	28.95	1.52	G004832							
									preserved.								28.95	32.00	3.05	G004833							
																	Blank		n/a	G004834							
		42.67	58.92						Broken rx limestone, occasionally w								32.00	36.75	4.75	G004835							
									vuggy texture and trace oxidized pyrite								36.75	39.62	2.87	G004836							
									cubes. No indication of FO or BD. Minor								39.62	42.67	3.05	G004837							
									friable clay-gossan interval (<0.5 m).								Au Standard		n/a	G004838							
																	42.67	47.24	4.57	G004839							
		58.92	62.55						Friable BRN-RD gossanous clay w/								47.24	51.81	4.57	G004840							
									two <10 cm long rx LST pieces.								51.81	57.01	5.20	G004841							
																	57.01	60.96	3.95	G004842							
									No Bedrock; hole abandoned at 62.55 m								60.96	62.17	1.21	G004843							
									(205').								62.17	62.55	0.38	G004844							
									Minus 50 degree dip; surface expression																		
									of 40.17 m.																		

RAU PROJECT

PROPERTY: RAU

HOLE: RAU-08-04

Easting	Northing	Elev.	Depth (m)
528578	7119122	1296	187.45

Contractor: Superior Diamond Drilling
Drill:

Core size: BTW
Casing depth: (m) out

Drilling dates:

Logged by: Luke Beranic

Target: Step back from Rau-08-02

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	230°	-60°	compass				
187.45	230°	-60°	acid				

SUMMARY

From (m)	To (m)	Interval	Unit	Coments
0.00	3.04	3.04	OVB	
3.04	81.21	78.17	LST	
81.21	100.47	19.26	VOL-A	altered limestone
100.47	169.41	68.94	MZ	
169.41	175.59	6.18	MAR	
175.59	187.45	11.86	LST	

SAMPLES

Numbers: G004736-G004779

Total: 44
Date sent:

COMMENTS

PROPERTY: Rau **HOLE: Rau-08-04**

Struct.		LITHOLOGY								MINERALS				SAMPLES				Blocks			GEOTECHNICAL			
																					REC		RQD	
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	Py	Po	Asp	Cpy	From (m)	To (m)	Interval (m)	Sample	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent
																		0.00	3.04	3.04	0.05	1.6447	0	0.0%
		0	**3.04**						Overburden; few broken rock fragments <3 cm									3.04	6.09	3.05	1.68	55.082	0.95	31.1%
																		6.09	7.62	1.53	1.13	73.856	0.65	42.5%
		3.04	**81.21**		Bx		FG-CG	GY	75% clast- to matrix-supported solution breccia, with	t								7.62	10.66	3.04	2.76	90.789	2.01	66.1%
									large majority (>90%) LST; some dolomitized. Clasts are									10.66	13.71	3.05	2.30	75.41	1.3	42.6%
VT	45-70	16.26 m							elongated, typically 2 x 20 mm, subang. to subrounded.									13.71	15.24	1.53	1.11	72.549	1.04	68.0%
FO	85	74.50 m																15.24	16.76	1.52	1.35	88.816	0.51	33.6%
FO	65	78.50 m							25% mottled argillaceous limestone, white calcite marble	t								16.76	19.81	3.05	2.76	90.492	2.14	70.2%
									and grey massive limestone intermingled with bx.									19.81	22.86	3.05	2.72	89.18	2.07	67.9%
																		22.86	25.90	3.04	2.93	96.382	2.91	95.7%
									Some empty stockwork in calcite veins and solution bx									25.90	28.95	3.05	2.92	95.738	2.43	79.7%
									contain cavities up to 2 x 2 cm. At 28.95 m, 10 cm section									28.95	32.00	3.05	2.80	91.803	2.33	76.4%
									of solution bx containing 2% pyrite in total as veinlet and									30.00	35.05	5.05	2.79	55.248	1.94	38.4%
									vug-filling mineralization; 1% pyrite disseminated in									35.05	39.62	4.57	3.08	67.396	1.15	25.2%
									recrystallized argillaceous limestone at 30.00 m.									39.62	42.67	3.05	2.45	80.328	1.58	51.8%
																		42.67	45.72	3.05	2.70	88.525	1.84	60.3%
									Py content continues in trace amounts but becomes more					71.61	74.61	3.00	G004736	45.72	48.76	3.04	2.65	87.171	1.95	64.1%
									easily observed ~ 70.00 m; lithology changes from bx to					74.61	77.61	3.00	G004737	48.76	51.81	3.05	2.60	85.246	2.05	67.2%
									argillaceous limestone, thin calcite marble, and marble/					77.61	80.61	3.00	G004738	51.81	54.86	3.05	2.71	88.852	2.06	67.5%
									calcareous argillite intervals. Pyrite located in veinlets,									54.86	57.91	3.05	2.76	90.492	1.99	65.2%
									along LST-argillite contacts, and filling vugs in calcite									57.91	60.96	3.05	2.99	98.033	2.49	81.6%
									marble; commonly 1 x 1 mm or less.									60.96	62.48	1.52	1.43	94.079	1.27	83.6%
									At 76.68 m, fine-grained light grey marble which hosts	t	t-w							62.48	65.53	3.05	2.50	81.967	1.52	49.8%
									pyrite and pyrrhotite in veinlets and along pervasive rock									65.53	68.58	3.05	2.91	95.41	2.6	85.2%
									foliation. Pyrrhotite veinlet at 60 degrees to core axis,									68.58	71.62	3.04	2.43	79.934	2.17	71.4%
									6 mm-wide, contains 1-2 mm accumulations of very									71.62	74.66	3.04	2.91	95.724	2.46	80.9%
									fine grained pyrrhotite. From 76.68-78.00 m, pyrrhotite is									74.66	76.20	1.54	1.94	125.97	1.43	92.9%
									at 2% level, hosted in calcite marble.									76.20	79.24	3.04	3.00	98.684	2.8	92.1%
																		79.24	80.77	1.53	1.36	88.889	0.93	60.8%
		81.21	**100.47**		SKN		FG	Lt GN	Talc-Sulphide Interval. Begins with intermingled, FO,	tw	tw							80.77	83.82	3.05	2.84	93.115	2.2	72.1%
									green-grey talc siltstone or shale with black argillaceous									83.82	85.95	2.13	1.96	92.019	1.51	70.9%
FO	60	81.21 m							material; by 84.07 m, this zone transitions in green talc-									85.95	87.47	1.52	1.22	80.263	0.55	36.2%
FO	55	89.00 m							rich lithology. From 84.02-89.34 m, talc interval with					80.61	83.61	3.00	G004739	87.47	89.00	1.53	1.60	104.58	0.49	32.0%
FO	55	92.60 m							elongate, thin (1 x 2 mm) accumulations of py and po					83.61	86.61	3.00	G004740	89.00	91.44	2.44	2.01	82.377	1.24	50.8%
									along FO, both as disseminations and stringers (50-50).					86.61	89.61	3.00	G004741	91.44	94.48	3.04	2.89	95.066	2.3	75.7%
									From 89.34-94.48 m, sulphides are within lenticular,					89.61	92.61	3.00	G004742	94.48	97.53	3.05	2.82	92.459	2.44	80.0%
									elongate, oblate accumulations 4 x 15 mm. Intergrown py,					92.61	95.61	3.00	G004743	97.53	100.58	3.05	2.87	94.098	2.47	81.0%
									po, and cpy up to 10-12% total along 10 cm section;	tw	tw		tw	95.61	98.61	3.00	G004744	100.58	106.37	5.79	5.55	95.855	4.62	79.8%
									normal range in this interval 1-3%. From 98.48-100.42 m,					98.61	101.61	3.00	G004745	106.37	109.42	3.05	2.95	96.721	2.52	82.6%
									mix of both types of sulphide mineralization. Fresh									109.42	110.94	1.52	1.20	78.947	0.98	64.5%
									surface can occasionally have brown-red colour; may									110.94	113.98	3.04	2.96	97.368	2.51	82.6%
									possibly be garnet-biotite hornfels assemblage, too fine									113.98	117.04	3.06	2.98	97.386	2.66	86.9%
									to tell.									117.04	120.09	3.05	2.90	95.082	2.49	81.6%
																		120.09	120.70	0.61	0.65	106.56	0.52	85.2%
		100.47	**169.41**		SKN		CG	WHT-GY	Main Sulphide Zone. Py>asp>po>cpy hosted in dolomite,					101.61	102.61	1.00	G004746	120.70	123.44	2.74	2.48	90.511	2.3	83.9%
									calcite, and subordinate gypsum, generally along									123.44	126.49	3.05	2.91	95.41	2.59	84.9%
									consistent rock foliation.									126.49	129.54	3.05	2.75	90.164	2.66	87.2%
									At 100.47 m, large (10 x 10 mm) accumulations of py and					102.61	105.61	3.00	G004747	129.54	131.06	1.52	1.79	117.76	1.35	88.8%
FO	50	102.90 m							cpy in gypsum host. From 100.47-101.61 m, py and cpy at									131.06	133.50	2.44	2.52	103.28	2.2	90.2%
									5-10%, with some 3-5 cm-wide zones containing 15-30%									133.50	135.63	2.13	1.99	93.427	1.77	83.1%
									py. **At 101.61 m, first appearance of arsenopyrite**. 2 x									135.63	138.68	3.05	2.89	94.754	2.89	94.8%
									4 mm crystals; grades 10-12% over 30 cm interval at top.									138.68	141.73	3.05	2.95	96.721	2.9	95.1%
									Large 4-10 cm accumulations of sulphides occur every									141.73	144.78	3.05	2.89	94.754	2.77	90.8%
									5-7 cm, may reflect cyclic nature of clastic sediment									144.78	147.82	3.04	2.86	94.079	2.58	84.9%

PROPERTY: Rau **HOLE: Rau-08-04**

Struct.		LITHOLOGY								MINERALS				SAMPLES				Blocks			GEOTECHNICAL			
																					REC		RQD	
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	Py	Po	Asp	Cpy	From (m)	To (m)	Interval (m)	Sample	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent
									interbedded with limestone or structural control.									147.82	150.87	3.05	3.04	99.672	3.04	99.7%
																		150.87	153.92	3.05	2.99	98.033	2.78	91.1%
									** With comparison to 08-02, I identify the "top" of the									153.92	156.97	3.05	3.01	98.689	2.9	95.1%
									carbonate replacement mineralization as the first									156.97	160.02	3.05	3.00	98.361	2.93	96.1%
									appearance of arsenopyrite, although the thickness of the									160.02	163.06	3.04	3.01	99.013	2.94	96.7%
									main sulphide zone' is larger, due to varying amounts of									163.06	166.11	3.05	3.02	99.016	3.02	99.0%
									pyrite and pyrrhotite in 08-02 and 08-04.									166.11	169.16	3.05	2.94	96.393	2.77	90.8%
																		169.16	172.21	3.05	2.97	97.377	2.87	94.1%
FO	65	104.00 m							103.45-105.65 m : Bands to scattered swaths of pyrite	f-m	tw	t-w		105.61	108.61	3.00	G004748	172.21	175.26	3.05	3.06	100.33	3.06	100.3%
									and pyrrhotite (1-2 cm-wide) common to this interval. Both			up						175.26	178.30	3.04	3.02	99.342	3.02	99.3%
									disseminated along FO and <1 to 1 mm veinlets. 103.45-			to						178.30	181.35	3.05	2.98	97.705	2.9	95.1%
									104.00 m, py and po at 5-7%, including a 5 cm-wide			s-i						181.35	184.40	3.05	3.01	98.689	2.92	95.7%
									section of 6 x 8 mm arsenopyrite crystals at 15-20%. Asp									184.40	187.45	3.05	3.02	99.016	2.92	95.7%
									is patchy, as w/ Rau 08-02, not diluted through the entire															
									core. Vague evidence of paragenesis, looks like asp first,															
									then intergrown with py and po (see 104.11-104.16 m).															
									From 105.00-105.30 m, total asp is 7-10%.															
FO	55	107.50 m							105.65-109.95 m : minor interval of talc-rock and	t		t												
									argillaceous LST with trace to trace-weak py and asp															
									(asp as 2 x 8 mm xtls in calcite).															
									109.95-114.65 m : calcite host. Minor hydrothermal quartz	f-m	tw	t	t	108.61	111.61	3.00	G004749							
									along FO. Common 2-8 mm-wide bands of py					111.61	114.61	3.00	G004750							
									overgrowing po; po in veinlets and vug-filling. Trace to															
									trace-weak cpy. Overall: 5-7% py and po, 1% cpy, 1% asp.															
									111.80-112.28 m : 15-20% total py and po. Asp is															
									noticeably absent except for 1 section with 10 x 10 mm															
									crystals intergrown with po veinlet. Minor gypsum in															
									sections with carbonate. 113.98-114.45 m, 3-5% cpy and															
									po. Minor 5 cm-wide metaclastic/talc remnant. Kory															
									located a 7 x 20 mm **bismuthanite** crystal core splitting at															
									~111.00 m.															
FO	55	115.25 m							114.65-120.31 m: carbonate and gypsum host. Py is at	m-s	t	t	t	114.61	117.61	3.00	G004751							
									least 5% overall, 10-15 cm sections up to 10-15% with					117.61	119.61	2.00	G004752							
									trace cpy. Asp rare but in 5-25 cm-wide occurrences (e.g.					BLANK			G004753							
									119.00-119.20 m; 7-8% asp with 7 cm section therein that					119.61	121.61	2.00	G004754							
									is semi massive (25%)). Trace po in veinlets.					AU-STANDARD			G004755							
FO	60	120.70 m							120.31-126.17 m : Gypsum-dolomite host. 2-5 cm	f-m	t	t	t	121.61	124.61	3.00	G004756							
									swaths of Asp, averaging 2-3%. This interval is mainly py					124.61	127.61	3.00	G004757							
									(3-7%) with subordinate po with pyrite along metaclastic															
									remnants, commonly 1-2 cm-wide. Minor vug-filling po															
									and cpy. Approx 15 pyrite stringers per 10 cm of core;															
									stringers (75%), 2-3 mm veinlets (25%).															
									126.17-131.49 m: Dolomite host. Asp rare; 1-5 cm swath	f-m	t	t	t-w	127.61	130.61	3.00	G004758							
									with crystals 2 x 4 cm in size, disseminated. In one area,					130.61	133.61	3.00	G004759							
									asp overgrowing(?) pyrite in veinlet (but asp not in veinlet).															
									Locally t-w cpy w/py. Po mineralization mainly in vugs up															
									to 2 x 6 mm. Py bands here along FO are commonly w/cpy															
									2-8 mm wide, totalling 5-7%. ~8-10 py veinlets per 10 cm															
									of core.															

PROPERTY: Rau **HOLE: Rau-08-04**

Struct.		LITHOLOGY								MINERALS				SAMPLES				Blocks			GEOTECHNICAL			
																					REC		RQD	
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	Py	Po	Asp	Cpy	From (m)	To (m)	Interval (m)	Sample	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent
FO	65	131.44 m							From 130.63-130.95 m : 10-15% py w/ 1-2% cpy															
									131.49-137.35 m : rare asp, 3 bands 5, 5, and 7 cm-wide	f-m	t	t	t	133.61	136.61	3.00	G004760							
									at 1-2%. Po in vugs and veinlets with py, 2 x 10 mm in					136.61	139.61	3.00	G004761							
									vugs. Pyrite as 1-10 mm swaths and stringers; 10 per 10															
									cm of core at 5-7%.															
FO	60	141.70 m							137.35-143.11 m : Trace asp; a few xtls 4 x 10 mm. Py as	f	t	t	t	139.61	142.61	3.00	G004762							
VT	30								before in bands (up to 5 cm-wide at 10-15%) and veinlets					142.61	145.61	3.00	G004763							
									(6-10 per 10 cm of core), very fine to coarse grained (3 x 3															
									mm); overall at 3-5%. Po in vug-filling phase and w/ py															
									in veinlets *that cross-cut FO mineralization (30 degrees)*															
VT	30	147.90 m							143.11-148.80 m : Pyrite ~ 10 veinlets per 10 cm of core	f	t	t	t	145.61	148.61	3.00	G004764							
									at 3-5%; 2-3 cm-wide zones w/ cpy w/ total sulphide at															
									10-15%. From 144.78-145.27 m, asp xtls up to 10 x 10															
									mm in agglomerations (so zones of 20 x 20 mm, for															
									examples). Over this interval, asp at 1-2% po mainly in															
									trace amount, within 2 mm-wide veinlets at 30 degrees.															
									148.80-154.54 m : asp in trace amount. Py at 3-5% with	f	t	t	t	148.61	151.61	3.00	G004765							
									6-8 veinlets per 10 cm, as fine to medium grained (up to					151.61	154.61	3.00	G004766							
									2 mm). Near 154.37 m, 6-10 mm accumulations of															
									blue-grey mineral, not bismuthanite. Dolomite host.															
FO	55	155.0 m							154.54-160.31 m : Dolomite host. FO hosted sulphide, as	f-m			t-tw	154.61	157.61	3.00	G004767							
									above. Mainly disseminated, subordinate stringers or vts.					157.61	160.61	3.00	G004768							
									Little to no po or asp in this interval; graphitic- to															
									myrmeketic-like texture to py-cpy-dolomite (see 156-															
									156.97 m). Cpy at beginning of interval w/py (over 154.54															
									to 156.97 m at 2-3%, with one 30 cm interval at 7%). Py															
									in bands and swaths 2-20 cm-wide; ~4-7% with 10 cm															
									zones up to 10-12%.															
									160.31-166.11 m : From 163.20 to 168.69 m, pervasive	w-ms		wk-i		160.61	162.61	2.00	G004769							
									asp (1-8 mm) with py and cpy, commonly in 5-10 cm					162.61	164.61	2.00	G004770							
									bands. Over this entire interval of 163.20-168.69 m, asp					BLANK			G004771							
									at 4-5%, with 10 cm zones at 7-20% (semi-massive). Py					164.61	166.61	2.00	G004772							
									as before, ~3% with several 5-10 cm zones at 10-15%.															
FO	70	160.50 m							166.11-171.95 m : Asp as above; cpy at t-tw levels. Py at		t		t-w	166.61	168.61	2.00	G004773							
									5-10%. From 169.41-170.06 m, evidence for qtz-CO3					AU-STANDARD			G004774							
									veins that cross-cut FO at 05 degrees; some trace diss.					168.61	170.25	1.64	G004775							
									py, fine grained accumulations 2 x 3 mm. Adjacent to					170.25	173.15	3.00	G004776							
									qtz-CO3 is FO talc-rock and metaclastic rocks cut at 0					173.25	175.59	2.34	G004777							
									degrees and also concordant with FO. By 170.25 m,															
									lithology changes to calcite marble, with trace pyrite and															
									cpy and metaclastic (talc) wisps.															
									175.59 m : contact between fine-grained calcite marble					175.59	178.59	3.00	G004778							
									and 25 cm-wide black magnetite zone that grades into															
									dark grey mottled, recrystallized argillaceous limestone					181.59	184.59	3.00	G004779							
									and metaclastic interlaminations.															
FO	50	181.35 m																						

PROPERTY: Rau **HOLE: Rau-08-04**

Struct.		LITHOLOGY								MINERALS				SAMPLES				Blocks			GEOTECHNICAL			
																					REC		RQD	
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	Py	Po	Asp	Cpy	From (m)	To (m)	Interval (m)	Sample	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent
FO	50	187.45 m							EOH at 187.45 m (615')															

RAU PROJECT

PROPERTY: RAU

HOLE: RAU-08-05

Easting	Northing	Elev.	Depth (m)
528590	7119039	1288	187.45

Contractor: Superior Diamond Drilling
Drill:

Core size: BTW
Casing depth: (m) out

Drilling dates:

Logged by: A.R. Kojos

Target: Step over from Rau-08-02

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	230°	-60°	compass				
187.45	230°	-58°	acid				

SUMMARY

From (m)	To (m)	Interval	Unit	Coments
0.00	7.97	7.97	OVB	
7.97	57.16	49.19	LST	
57.16	67.95	10.79	VOL-A	altered volcaniclastic
67.95	156.33	88.38	MZ	
156.33	185.01	28.68	MAR	

SAMPLES

Numbers: G004780-G004824

Total: 45
Date sent:

COMMENTS

PROPERTY: RAU **HOLE: Rau-08-05**

Struct.		LITHOLOGY								MINERALS				SAMPLES				Blocks			GEOTECHNICAL			
																					REC		RQD	
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	py	po	asp	cpy	From (m)	To (m)	Interval (m)	Sample	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent
																		0.00	5.18	5.18	1.11	21.4%	0.26	5.0%
		0	**57.16**	57.16	LST	Count	FG	GY	90% LST and argillaceous LST (some partially dolomitized)	t								5.18	7.97	2.79	1.10	39.4%	0	0.0%
									10% solution bx; minor fossiliferous (crinoid hash) LST.									7.97	12.19	4.22	3.11	73.7%	1.37	32.5%
VT	30	5.10 m							Up to 4 mm-wide quartz veinlets with limonites (comb texture)									12.19	15.24	3.05	2.52	82.6%	1.62	53.1%
FO	55	5.10 m							that cross-cuts foliation at 55 degrees.									15.24	18.28	3.04	2.44	80.3%	1.47	48.4%
Fx	30	28.50 m																18.28	20.11	1.83	0.84	45.9%	0.31	16.9%
									Pink to orange to rusty CO3 veinlets from 0-30 degrees also									20.11	22.86	2.75	2.55	92.7%	1.92	69.8%
									cuts FO. Oxidized rusty to black limonites.									22.86	25.90	3.04	2.90	95.4%	2.43	79.9%
																		25.90	28.95	3.05	2.90	95.1%	2.14	70.2%
									From 16.50-21.16 m: fracture planes and FO planes (some)									28.95	32.00	3.05	2.89	94.8%	2.37	77.7%
									show orange calcite or siderite and prevalent gossany,									32.00	35.05	3.05	2.90	95.1%	2.51	82.3%
									boxwork limonite formally occupied by sulphides, vugs 2 x									35.05	38.10	3.05	2.87	94.1%	1.95	63.9%
									3 mm. Broken 7 cm pieces (3) of fine-grained white marble									38.10	41.14	3.04	3.00	98.7%	2.92	96.1%
									with gossan intervalas well. More 'clean' grey LST are cut									41.14	44.19	3.05	2.98	97.7%	2.79	91.5%
									with multiple Ca stringers at several orientations; fracture									44.19	47.24	3.05	2.84	93.1%	1.62	53.1%
									planes rich in jarosite-goethite.									47.24	50.29	3.05	2.17	71.1%	1.04	34.1%
																		50.29	53.03	2.74	2.45	89.4%	1.07	39.1%
									Trace 1 x 1 mm pyrite cubes in Ca veined LST; also black									53.03	55.47	2.44	2.52	103.3%	1.95	79.9%
									oxidized pyrite observed around pink-orange-red CO3 veinlets.									55.47	57.91	2.44	2.37	97.1%	1.88	77.0%
									Gossany boxwork limonite veinlets at 0 degrees to core axis									57.91	60.96	3.05	2.93	96.1%	2.43	79.7%
									scattered througout interval. At ~ 42.50 m, veined to solution									60.96	63.70	2.74	2.42	88.3%	1.77	64.6%
									bx contain calcite with limonite stain and elongate, yet									63.70	66.14	2.44	2.47	101.2%	1.85	75.8%
									irregular-shaped vugs (2 x 3 mm; up to 10 x 12 mm).									66.14	68.58	2.44	2.25	92.2%	2.19	89.8%
														49.95	52.95	3.00	G004780	68.54	71.32	2.78	2.48	89.2%	1.96	70.5%
FO	40								By 50.40 m, core turns to limestone and black shale interbeds	t				52.95	55.95	3.00	G004781	71.32	74.37	3.05	3.02	99.0%	2.74	89.8%
									(FO well observed). Shale or argillite looks sheared a bit; not					55.95	58.95	3.00	G004782	74.37	77.42	3.05	3.05	100.0%	2.83	92.8%
									always continuous along FO. ~ 1 x 1 mm grains. From 55.47					58.95	61.95	3.00	G004783	77.42	80.47	3.05	3.04	99.7%	2.85	93.4%
									to 57.16 m, this lithology begins to show py-bearing, planar,					61.95	64.95	3.00	G004784	80.47	83.67	3.20	3.01	94.1%	2.77	86.6%
									to irregular-shaped stringers along FO (~ 3 stringers per 10					64.95	67.95	3.00	G004785	83.67	86.72	3.05	2.96	97.0%	2.7	88.5%
									cm of core).									86.72	89.92	3.20	3.00	93.7%	2.88	90.0%
																		89.92	92.96	3.04	2.85	93.8%	2.46	80.9%
		57.16	**67.95**	10.79		TS	FG-CG	Lt GN	Talc-Sulphide' Interval as per Rau 08-02 and 08-04. Starts	t-tw								92.96	96.01	3.05	2.90	95.1%	2.67	87.5%
									arbitrarily at 57.16 m when rock beings to have light green									96.01	99.06	3.05	2.99	98.0%	2.58	84.6%
F)	60	57.91 m							colour, from light grey of calcareous rocks. In this hole, the									99.06	102.11	3.05	2.91	95.4%	2.62	85.9%
									host rock to mineralization is more indurated than in previous									102.11	105.16	3.05	2.95	96.7%	2.41	79.0%
									holes, and this hole is not very 'talc-like' in hardness. Perhaps									105.16	108.20	3.04	2.96	97.4%	2.84	93.4%
									very fine grained green siltstone or replaced calcareous shale.									108.20	111.25	3.05	2.95	96.7%	2.89	94.8%
									From 57.16-66.68 m, green colour dominates with FO-hosted									111.25	114.30	3.05	2.87	94.1%	2.77	90.8%
									py only. Top of the interval contains thin (1-2 mm) discontinous									114.30	117.34	3.04	2.97	97.7%	2.65	87.2%
									accumulations of py (mainly) at 1-3%. By 63.70 m, (after									117.34	118.56	1.22	1.10	90.2%	0.93	76.2%
									CO3 vein and gouge? interval 5 cm-wide with limonite stain)									118.56	121.61	3.05	2.90	95.1%	2.61	85.6%
									py in up to 1 cm amoeba-like accumulations with calcite in									121.61	123.44	1.83	1.65	90.2%	1.31	71.6%
									6 mm veinlets along FO; 1-3%). Rare lenticular structures (2 x									123.44	126.49	3.05	2.85	93.4%	2.35	77.0%
									10 mm) unlike 08-02 and 04 which are rich in them. From									126.49	129.54	3.05	2.70	88.5%	2.15	70.5%
FO	40	66.68 m							66.68-67.95 m: dark grey calcareous siltstone to shale with	tw	t-tw							129.54	132.58	3.04	2.94	96.7%	2.7	88.8%
									oblate to oval accumulations of up to 10 x 10 mm (commonly									132.58	135.63	3.05	2.98	97.7%	2.78	91.1%
									2 x 4 mm) along FO. Lower contact with interval of massive									135.63	138.68	3.05	2.87	94.1%	2.69	88.2%
									po. At 66.60 m, calcite veinlet nearly along core axis cuts FO									138.68	141.73	3.05	3.02	99.0%	3.02	99.0%
									and mineralization and contains amoeba-like accumulations									141.73	144.78	3.05	3.03	99.3%	2.73	89.5%
									of po 2 x 4 mm.									144.78	147.82	3.04	2.90	95.4%	2.47	81.3%
																		147.82	150.87	3.05	2.80	91.8%	2.32	76.1%
		67.95	**156.33**	88.38		MZ			Main Sulphide Zone.									150.87	153.92	3.05	2.81	92.1%	2.4	78.7%
									67.95-68.96 m: massive (+ 90%) po. Occasional lime green	t	x			67.95	69.71	1.76	G004786	153.92	156.97	3.05	2.92	95.7%	2.25	73.8%
									mineral within massive zone; scratches with fingernail, looks					BLANK			G004787	156.97	160.02	3.05	2.81	92.1%	2.50	82.0%

PROPERTY: RAU **HOLE: Rau-08-05**

Struct.		LITHOLOGY								MINERALS				SAMPLES				Blocks			GEOTECHNICAL			
																					REC		RQD	
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	py	po	asp	cpy	From (m)	To (m)	Interval (m)	Sample	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent
									like talc or chloritic talc. Interval has up to 8 x 8 mm pyrite									160.02	163.08	3.06	2.71	88.6%	0.83	27.1%
									growing in after po, with some accumulations 16 x 16 mm,									163.08	166.18	3.10	2.37	76.5%	1.96	63.2%
									making up 1% of the interval.									166.18	169.16	2.98	2.91	97.7%	2.80	94.0%
																		169.16	172.21	3.05	2.91	95.4%	2.83	92.8%
									68.96-69.46 m: contact between po and underlying interval at	i			w	69.71	71.16	1.45	G004788	172.21	175.26	3.05	2.98	97.7%	2.98	97.7%
									45 degrees to core axis. This interval begins with 0.20 m zone									175.26	178.31	3.05	3.03	99.3%	2.98	97.7%
									of semi-massive (+ 20%) pyrite with intergrown trace cpy. Py									178.31	181.36	3.05	2.92	95.7%	2.76	90.5%
									mainly as accumulations of 2 x 2 mm. Followed by 0.30 m									181.36	184.04	2.68	2.65	98.9%	2.65	98.9%
									interval of dolomite and gypsum hosted py and cpy, mainly									184.04	185.01	0.97	0.95	97.9%	0.90	92.8%
									3 mm-wide disseminated bands along FO. Some 6 to 8 x 8	f			w					**EOH**						
									mm accumulations of py-cpy have bornite-peacock colouring.															
FO	50	69.46 m							69.46-69.71 m: + 90% massive po with white gypsum and 3 x	t	x		t											
									8 mm py and cpy.															
FO	45	70.00 m							69.71-71.16 m: dominantly grey-green siltstone (w/sort of	t-w														
									milled lenticular texture along FO). Minor 6 cm-wide po-py															
									zone hosted in gypsum (semi-massive to massive).															
														71.16	71.50	0.34	G004789							
									71.1-71.50 m: +90% massive po with interstitial gypsum. Cut					71.50	73.38	1.88	G004790							
									by underlying py and py cubes (6 x 6 mm).		x														
									71.50-73.38 m: + 90% massive pyrite with interstitial calcite.	x														
									73.38-73.68 m: 30 cm section with 3-5% disseminated asp;					73.38	75.38	2.00	G004791							
									mainly as 4 x 4 euhedral xtls in white-grey dolomite.	w		f												
FO	60	74.37 m							From 73.38-78.74 m: After 30 cm asp section, core dominantly	m	t		t-w											
									py bands, irregularly shaped, intergrown with cpy?. Py bands															
									6-10 mm-wide, ~5%, up to 7%. Cpy at t-tw levels.															
									75.45-75.60 m: 15 cm section at 7% asp.			m		75.38	77.38	2.00	G004792							
									75.80-75.89 m: semi-massive asp with py and cpy with asp	w		s	tw											
									15-20%; py and cpy 5-7%.															
									76.00-76.51 m: asp as before; 0.50 m with py and cpy at 3-5%	w		m-s	tw											
									with 10 cm section at 7-10%															
									76.69-76.89 m: 0.20 interval of asp with py and cpy at 3-5%	w		m	tw											
									with 10 cm section at 7%.															
									77.42-78.53 m: 7-10% disseminated py with 5 cm (78.44-	f-m				77.38	79.38	2.00	G004793							
									78.49 m) section at 15%. ~10 veinlets per 10 cm of core.					79.38	82.38	3.00	G004794							
									79.06-85.85 m: grey LST and DOL w/minor gypsum intevals.	t	t													
									Fossiliferous (crinoid) zones as well of Bouvette Fm. Some					82.38	85.38	3.00	G004795							
									coarse, white-grey dolomite areas have 2 x 2 mm vugs															
									making up 2-3% of a 15 cm section; contains 1% coarse															
									py and black, amorphous magnetic mineral at <1%. Overall															
									this interval contains patchy (what appears to be vug-filling)															
									py and 2 x 2 mm po at 1%. From 80.66-80.90 m, po-rich ~2%															
									some appears as if it forms a selvage around 8 mm-wide															
									calcite vein that trends along the core axis.															
FO	50	88.50 m							85.85-90.24 m: return to status quo mineralization; overall py	tw	t	t-tw	t-tw	85.38	88.38	3.00	G004796							
									and cpy are less abundant than previous. Planar to irregular	up				88.38	91.38	3.00	G004797							
									stringers of py at ~5 per 10 cm of core at 2%; however from	to														
									86.07-86.20 m, 15% py. Asp occurs as 5-10 cmzones at 3%	s														

PROPERTY: RAU **HOLE: Rau-08-05**

LITHOLOGY										MINERALS				SAMPLES				Blocks			GEOTECHNICAL			
Struct.																					REC		RQD	
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	py	po	asp	cpy	From (m)	To (m)	Interval (m)	Sample	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent
									every 10-30 cm. one 30 cm zone of asp-py-cpy starting at															
									88.58 m that has 3-5% asp, 5% py, 1% cpy. Asp xtls are 2 x 6														
									mm. Po appears ~ 89.69 m, within 3 cm semi-massivce (10-														
									15%) zone. 89.69-90.24 m has 3-4% disseminated coarse														
									asp.															
									90.24-92.45 m: consistent, 5-10 cm wide asp bands at 10-	w	t	t-w	t	91.38	94.38	3.00	G004798							
									15% every 10 cm (spacing) or so. Usually w/py (or rimmed/			up		94.38	97.38	3.00	G004799							
									selvage-like). Appears to be cross-cut by py bands or veinlets.			to												
FO	45	93.0 m							Trace po w/py and filling 1 x 2 mm vugs. Total py from 90.24			s												
									to 96.01 m ~3%.															
FO	65	99.50 m							96.01-101.90 m: Coarse dolomite host; po fills vugs up to	f	t	t		97.38	100.38	3.00	G004800							
									6 x 12 mm as does py. Asp from 96.89-97.03 m, at 1-2%;					100.38	103.38	3.00	G004801							
									typical for this interval. Slight graphitic or myrmekitic texture															
									to dolomite-py intergrowths. Overall, py at ~5%															
									101.90-107.74 m: This interval has asp and py as before in	f		t	f	103.38	106.38	3.00	G004802							
									above interval but from 105.16-107.37 m, cpy at 3-5% level															
									as stringers and bands along FO; usually as coarse (2 x 2					106.38	109.38	3.00	G004803							
									mm) crystalline accumulations.															
									107.74-113.45 m: Coarse dolomite host with 3-5 cm patches	f		t	t	109.38	112.38	3.00	G004804							
FO	80	108.20 m							of 2 x 2 mm asp. After 111.25 m, py goes from 2% (~6 stingers	up				112.38	115.38	3.00	G004805							
FO	60	111.25 m							per 10 cm of core) to 5-8 mm wide bands ~5% including 3	to														
									separate 10 cm zones at ~15%. From 111.25-114.85 m, py	i														
									bands are ~10 mm-wide with 5-7 cm zones ~10%; normally															
									5-7%.															
									114.85-118.56 m : coarse white w/ orange-pink colouration															
									(limonites and or siderite?). Similar mineralization as above	ms		t		115.38	118.38	3.00	G004806							
									with pyrite at 5-7%. Trace asp over two 5 cm-wide bands. Few					118.38	121.38	3.00	G004807							
									5-7 cm metaclastic remnants along FO.					AU STANDARD			G004808							
FO	60	123.44 m							Slightly oxidized zone/some black Fe of Mn stain with gypsum	ms		t		121.38	123.38	2.00	G004809							
									patches. From 121.61-123.44 m, py w/ over 10 stringer-width					BLANK			G004810							
									bands per 10 cm of core; total in this interval ~7% or more.															
									1-2% fine-grained asp.					123.38	126.38	3.00	G004811							
														126.38	129.38	3.00	G004812							
									125.23-131.02 m: at 125.51 m, metaclastic remnant 10 cm	f				129.38	132.38	3.00	G004813							
									wide, followed by orange/altered dolomite with py. At 126.33 m															
									8 mm-wide galena vein cutting up core axis at 0 degrees.															
									More orange dolomite mineralized rock follows w/gossanous															
									milled, (bx?) plus minus boxwork limonite from 127-127.28 m.															
									Fault zone? Is that control on making this hole have thicker															
									intersection? By 130.0 m, mineralized zone out of orange															
									colour into grey dolomite hosted sulphides. Py at 3-5%.															
									131.02-136.82 m: 10% pyrite intergrown with fine-grained	ms-s			tw	132.38	134.38	2.00	G004814							
									asp; some 0.20 m zones of asp at 5-7%. From 135.55-35.70				to	134.38	136.38	2.00	G004815							
									meters, 10-12% py and semi-massive (5 cm or so) zones of				s	136.38	138.38	2.00	G004816							
									asp.															
									136.82-142.76 m : coarse white-grey dolomite host. This	s		f		138.38	140.38	2.00	G004817							

PROPERTY: RAU **HOLE: Rau-08-05**

LITHOLOGY										MINERALS				SAMPLES				Blocks			GEOTECHNICAL			
Struct.																					REC		RQD	
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	py	po	asp	cpy	From (m)	To (m)	Interval (m)	Sample	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent
									interval is perhaps the most sulphide rich of the entire					140.38	142.38	2.00	G004818							
									mineralized zone since the massive po and py. Mineralized					142.38	145.38	2.00	G004819							
									styles as before with consistent py at 10-15%, and asp from															
									3-5% with 10 cm zones at 7%.															
									142.76-150.04 m : waning mineralization. Contact with					145.38	147.38	2.00	G004820							
									underlying country rock at 150.04 m. This interval is					147.38	150.04	2.66	G004821							
									characterized by partially rusty dolomite w/py with zones of															
									asp.					150.04	153.04	3.00	G004822							
									Asp: from 142.76-144.0 m, at 2-5%. 145.01-145.24 m, 5-7%.					AU STANDARD			G004823							
									145.46-145.75 m, asp at 3%.															
														153.04	156.04	3.00	G004824							
									Gossanous zone with altered asp rom 145.75-147.20 m.															
									Py as bands or stringers, commonly at 3-5%. Asp in sparse															
									5 cm bands after 145.75 m.															
									Contact at 150.04 m; FO pyritic zone with green-grey siltstone															
									(almost talc-like) w/ 1-2%. By 151.15 m, talc-rock? grades into															
									mottled limestone and massive LST (rx); possibly some															
									biotite growth.															
									Contact w/white, magnetite-bearing marble at 156.33 m;															
									contains trace py and 2 mm accumulations at marble-															
									magnetite contact.															
		156.33	**185.01**	28.68		Marble			White marble w/ grey to dk. grey magnatite bands, trace py.	t				156.04	159.04	3.00	G004825							
									dom. along magnetite veins to veinlets, mag. veins/veinlets															
									occur in clusters w/ relatively pure marble approx. 30 cm to															
									1m between, minor pyrite rich stringers to veinlets congruent															
									w/ magnetite vein clusters, v. minor trace py. proximal to															
									clusters forming <1-2mm euhedral crystals															
									Minor limonite staining on fractures															
									Mag. bands are dom. low-angle (similar to foliation), minor															
									secondary high-angle bands are present															
									165.56 - 0.5 to 0.8cm py. veinlet, largest and most significant															
									interval all others are less then 0.2cm															
		EOH																						

RAU PROJECT

PROPERTY: RAU

HOLE: Rau-08-06

Easting	Northing	Elev.	Depth (m)
528467	7119179	1176	152.4

Contractor: Superior Diamond Drilling Inc.
Drill: Hyrdro Core Type 1200

SURVEY							
Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	230	-60	compass				
152.4	230	-62	acid test				

Core size: BTW
Casing depth: 3.30 (m) in/out out

Drilling dates: July 15th - July 17th 2008

Logged by: A. R. Kjos

Target: Mineralized (Tiger Striped) Zone, Au

SUMMARY				
From (m)	To (m)	Interval	Unit	Coments
0.00	5.70	5.70	OVB	
5.70	12.70	7.00	LST	
12.70	20.82	8.12	VOL-A	altered volcaniclastic
20.82	101.58	80.76	MZ	
101.58	152.40	50.82	LST	

SAMPLES	
Numbers:	G004845-G004886
Total:	42
Date sent:	July 21st 2008

COMMENTS
Collared just above mineralized zone

PROPERTY: RAU **HOLE: Rau-08-06**

Struct.		LITHOLOGY								MINERALS				SAMPLES				Blocks			GEOTECHNICAL			
									Count = Country; MZ= Mineralized Zone												REC		RQD	
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	Pyrite	AsP	Pyrrhotite		From (m)	To (m)	Interval (m)	Sample	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent
		0.00	5.70	5.70	LST	OB			overburden - brownish grey, heavly altered, micrite, v. poor									0.00	3.05	3.05	0.23	7.5%	0.00	0.0%
									recovery, sideritized									3.05	4.57	1.52	0.64	42.1%	0.00	0.0%
																		4.57	7.62	3.05	1.78	58.4%	1.05	34.4%
		5.70	7.73	2.03	LST	Count			dark grey, high angle calcite veined, fluid brecciated	t								7.62	10.67	3.05	2.83	92.8%	2.43	79.7%
									dolo-micrite, siderite staining in fractures, poor recovery at									10.67	13.72	3.05	2.69	88.2%	2.38	78.0%
									the end of the interval py is <1% disseminated;									13.72	16.70	2.98	2.64	88.6%	1.91	64.1%
									7.26 & 7.76 - only significant py veins in the interval					6.70	9.70	3.00	G004845	16.70	19.41	2.71	2.67	98.5%	2.42	89.3%
														9.70	12.70	3.00	G004846	19.41	22.86	3.45	2.73	79.1%	2.34	67.8%
		7.73	12.70	4.97	LST	Count			dark grey, heavly fluid brecciated, marble to dolomitic									22.86	24.38	1.52	1.24	81.6%	0.79	52.0%
									limestone, quartz matrix in brecciated zones, minor py									24.38	27.45	3.07	2.63	85.7%	1.88	61.2%
									veinlets and veins approx. every 5-20cm (cyclic), minor									27.45	30.48	3.03	2.57	84.8%	1.98	65.3%
									speckled 2mm avg. py adjacent to hvly. brecciated									30.48	33.53	3.05	2.58	84.6%	2.17	71.1%
									quatzose zones									33.53	36.58	3.05	2.72	89.2%	2.40	78.7%
																		36.58	39.62	3.04	2.68	88.2%	2.36	77.6%
		12.70	20.82	8.12	LST	Count			dark grey, heavly fluid brecciated, quartz infilled dolomite	w-m	t			12.70	15.70	3.00	G004847	39.62	42.67	3.05	2.83	92.8%	2.69	88.2%
									3-5 cm bands of splochy1-3mm pyrite every 10-15cm,					15.70	18.70	3.00	G004848	42.67	45.72	3.05	2.78	91.1%	2.63	86.2%
									irregular likely due to brecciation;					18.70	21.70	3.00	G004849	45.72	48.77	3.05	2.79	91.5%	2.64	86.6%
									13.01-13.12: 3-5% AsP in strongly brecciated zone									48.77	51.82	3.05	2.49	81.6%	2.01	65.9%
Fo	24	14.82							14.72-15.82: grey, limestone (micrite) well strongly foliated									51.82	53.34	1.52	1.29	84.9%	1.05	69.1%
									zone, v. minor trace pyalong foliation in lenticular to laminar									53.34	56.39	3.05	2.83	92.8%	2.56	83.9%
									stringers									56.39	59.44	3.05	2.65	86.9%	2.47	81.0%
									16.70-16.88: dk. green low-angle stringers, oxidized AsP?									59.44	62.48	3.04	2.72	89.5%	2.34	77.0%
									19.00-19.85: Qtz. vein w/ a 1x2cm mass of py along a frac.									62.48	65.53	3.05	2.84	93.1%	2.73	89.5%
																		65.53	68.58	3.05	2.72	89.2%	2.47	81.0%
		20.82	39.78	18.96		MZ			20.82-28.60: whitish grey dolomite w/ abundant calcite	m-s	t			21.70	24.70	3.00	G004850	68.58	71.63	3.05	2.70	88.5%	2.44	80.0%
									and quartz whitish grey dolomite w/ abundant 1x2cm py					24.70	27.70	3.00	G004851	71.63	74.68	3.05	2.66	87.2%	2.59	84.9%
									10-15%, 1-2% Asp dominently along fractures and in strong					27.70	30.70	3.00	G004852	74.68	77.72	3.04	2.76	90.8%	2.24	73.7%
									py zones;					30.70	32.70	2.00	G004853	77.72	80.77	3.05	2.89	94.8%	2.80	91.8%
Vn	52	28.60							28.60-39.78: greyish white, calcite veined, quartz replaced	m-s	w	t		32.70	34.70	2.00	G004854	80.77	83.82	3.05	2.91	95.4%	2.91	95.4%
									dolomite, local zones of strong approx. 12% AsP in irregular					34.70	36.70	2.00	G004855	83.82	86.87	3.05	2.81	92.1%	2.57	84.3%
									masses, AsP becomes interwove with py and and forms					36.70	39.70	3.00	G004856	86.87	89.92	3.05	3.00	98.4%	2.95	96.7%
									bands of veinlets in the lower half of the interval, all py and					39.70	Blank		G004857	89.92	92.96	3.04	2.89	95.1%	2.69	88.5%
									AsP x-tals are dom. sub-anhedral with minor euhedral,									92.96	96.01	3.05	2.87	94.1%	2.64	86.6%
									Photo: 1cm^2 AsP crystal, **Photo:** hvly. min. zone w/ v. st. AsP;									96.01	99.06	3.05	2.92	95.7%	2.55	83.6%
									5cm qurtz vein centered @ 21.30									99.06	102.10	3.04	2.57	84.5%	2.27	74.7%
									24.35: 2-4m zone of AsP crstallization in fractures, local									102.10	105.11	3.01	2.45	81.4%	2.05	68.1%
									zones of 5% py overall 2-3%py, **Photo:** AsP rich zone and									105.11	108.20	3.09	2.68	86.7%	1.73	56.0%
									qtz. vein									108.20	111.25	3.05	1.18	38.7%	0.33	10.8%
									28.08-28.60: 2-3% AsP rich zone, subhedral splochy									111.25	114.30	3.05	2.42	79.3%	1.59	52.1%
									35.50: v. abundant AsP 60-65%									114.30	117.35	3.05	2.83	92.8%	2.59	84.9%
									5cm qurtz vein centered @ 30.70									117.35	120.40	3.05	2.67	87.5%	2.40	78.7%
									39.40-39.78: qtz. vein w/ pyrite infill									120.40	123.44	3.04	2.76	90.8%	2.47	81.3%
									39.16-39.21: quartz vein									123.44	126.49	3.05	2.35	77.0%	1.67	54.8%
									39.00-39.78: 2-3cm of solid AsP at beginning of interval									126.49	128.02	1.53	1.31	85.6%	0.86	56.2%
									38.60-39.78: trace phyrotie occurs hear w/ the strongest									128.02	131.06	3.04	2.90	95.4%	2.90	95.4%
									showing in a veinlet at 40.02									131.06	134.11	3.05	2.74	89.8%	2.50	82.0%
									As you go through the interval the minerilized									134.11	135.64	1.53	1.05	68.6%	0.87	56.9%
									zones become more rythmic and AsP becomes increasing									135.64	138.68	3.04	2.89	95.1%	2.68	88.2%
									constained to bands, overall reduction in AsPfrom weak									138.68	141.73	3.05	2.72	89.2%	2.57	84.3%
									at the top to trace at the bottom of the interval									141.73	144.78	3.05	2.78	91.1%	2.40	78.7%
																		144.78	149.35	4.57	4.29	93.9%	4.27	93.4%
		39.78	54.85	15.07		MZ			lt. grey, well foliated, dolomite to local limestone, locally	t-w	t	t		39.70	42.70	3.00	G004858	149.35	152.40	3.05	2.94	96.4%	2.72	89.2%

PROPERTY: RAU **HOLE: Rau-08-06**

Struct.		LITHOLOGY								MINERALS				SAMPLES				Blocks			GEOTECHNICAL			
									Count = Country; MZ= Mineralized Zone												REC		RQD	
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	Pyrite	AsP	Pyrrhotite		From (m)	To (m)	Interval (m)	Sample	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent
									marble, py throughout interval is trace with weak stringers to					42.70	45.70	3.00	G004859	**EOH**						
Fo	45	40.25							veinlets, **Photo:** stringer to veinlet min. (tiger striped);					45.70	48.70	3.00	G004860							
									47.60: three dk. green alt. stringers, oxidized AsP?					48.70	51.70	3.00	G004861							
									50.64-51.50:localized unmineralized , v. minor <1mm <1%					51.70	Au Standard		G004862							
									disseminated pyrite					51.70	54.70	3.00	G004863							
									51.89: minor AsP zone, 2cm of approx. 7%															
		54.85	62.28	7.43		MZ			lt. grey, moderately well strongly foliated dolo-micrite to	ms	w			54.70	56.70	2.00	G004864							
									marble, py dominently follows foliation but there are local					56.70	58.70	2.00	G004865							
Fo	46	59.44							zones w/ strong Asp similar to previous interval, the end of					58.70	60.70	2.00	G004866							
									the interval looses strong AsP and foliation,and py grades					60.70	62.70	2.00	G004867							
									out from 5-7% to 1-2% over approx. 15-20cm;					62.70	64.70	2.00	G004868							
									57.88-57.93: moderately strong pyrite and aresenopyrite					64.70	66.70	2.00	G004869							
									zone (along frac?)					66.70	68.70	2.00	G004870							
									61.40-61.83: min. zone 15%Py 10%AsP, Py inclusions in															
									AsP crystals															
									62.66-62.73: intense AsP and Py in vug fill w/ limonite															
									staining															
									62.90: moderate AsP zone															
									63.20: **Photo:** strongly pyritic zone															
									63.20-63.32: strong AsP and pyrite zone, Py inclusions in															
									arsenopyrite															
									65.69-66.18: local zones of 1-2cm pyrite veins															
									End of interval looks like fluid breccia replacment and has															
									strong to intense pyrite															
		62.28	76.93	14.65		MZ			talcy weakly mineralized meta-limestone, local 5-7cm	t-tw				68.70	71.70	3.00	G004871							
									zones of speckled pyrite loosely forming bands sub-					71.70	74.70	3.00	G004872							
Fo	50	74.68							parallel to foliation, bands/zones spaced irregulary from					74.70	77.70	3.00	G004873							
									5-10cm up to 0.5m apart, minor calcite veining,															
									Photo: dk. red mineral garnet;															
									74.98-75.09: vugy zone w/ approx. 2mm euhedral pyrite															
		76.93	96.03	19.10		MZ			greyish white marble, w/ 2-4% pyrite, pyrite veinlets and	f				77.70	80.70	3.00	G004874							
									veins are grouped and the groups are 5-15cm apart,					80.70	83.70	3.00	G004875							
Fo	20	89.92							parallel to sub-parallel to foliation, appears they are					83.70	86.70	3.00	G004876							
									replacing muddy/silty lenticular to planar laminae,					86.70	89.70	3.00	G004877							
									Photo: limonite stained voids;					89.70	92.70	3.00	G004878							
									82.06-82.13: **Photo:** dissem. 3-4mm euhedral pyrite in a					92.70	Au Standard		G004879							
									argillite band					92.70	95.70	3.00	G004880							
									86.87-89.10: **Photos:** dk. grey dolomite stringers, marble (2)					95.70	98.70	3.00	G004881							
									92.50: **Photo:** non-replaced laminae/"veins" w/ py stringers															
									along edges															
									93.17-93.42: large qtz. vein with void space euhedral qtz.															
									crystal intergrowth															
		96.03	101.58	5.55		MZ			lt grey, strongly to locally intensely pyrite banded (veins	S				98.70	101.70	3.00	G004882							
									5-7cm avg., up to 15cm) quartzose dolomite, more heavly					101.70	Blank		G004883							
Vn	50	95.70							mineralized then any other interval that dosn't have AsP,															
									Photo: pyrite bands at base of MZ;															
									97.13-97.26: quartz vein w/ 3-5 cm of massive Py at its top															
									and bottom, local euhedral 8mm cubic Py below vein															

PROPERTY: RAU **HOLE: Rau-08-06**

Struct.		LITHOLOGY								MINERALS				SAMPLES				Blocks			GEOTECHNICAL			
									Count = Country; MZ= Mineralized Zone												REC		RQD	
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	Pyrite	AsP	Pyrrhotite		From (m)	To (m)	Interval (m)	Sample	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent
		101.58	152.40	50.82	Arg	Count			brownish dk. Grey, moderately to strongly foliated, mottled,	t				101.70	104.70	3.00	G004884							
						Earn?			weakly calcite veined, locally dolomitic, calcareous					104.70	107.70	3.00	G004885							
Fo	25	117.35							argillite, local non-mottled 1-3m intervals, <1% <1mm					107.70	110.70	3.00	G004886							
Fo	26	147.37							dissem. pyrite, minor rusty 3-5cm zones at base of interval															
									, limonite stained adjacent to fractures, low-angle calcite															
									veins to stringers, local minor quartz veins dominently in															
									the last 20m of the interval, **Photo:** average well foliated LST															
									147.37: **Photo:** limonite altered zone adjacent to fracture															
		152.40	**EOH**																					

RAU PROJECT

PROPERTY: RAU

HOLE: Rau-08-07

Easting	Northing	Elev.	Depth (m)
528628	7119153	1339	245.36

Contractor: Superior Diamond Drilling Inc.
Drill: Hyrdro Core Type 1200

SURVEY							
Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	230	-60	compass				
245.36	230	-63	acid test				

Core size: BTW
Casing depth: 3.30 (m) out

Drilling dates: July 20th - July 23rd, 2008

Logged by: A. R. Kjos

Target: Mineralized Zone, Au Play, Anticlinal Trap in assymetrically folded limestone (Bouvette fm.)

SUMMARY				
From (m)	To (m)	Interval	Unit	Coments
0.00	4.82	4.82	OVB	
4.82	22.20	17.38	LST	
22.20	40.08	17.88	VOL	
40.08	136.89	96.81	DOL	
136.89	172.87	35.98	VOL-A	altered volcaniclastic
172.87	242.24	69.37	MZ	
242.24	245.41	3.17	LST	

SAMPLES	
Numbers:	H246001-H246038
	H246250-H246260; H246263-H246272
Total:	59
Date sent:	

COMMENTS

Void spaces in hanging wall rock, rods dropped 1-2 ft. while drilling. Asp is present throughtout the mineralized zone, but only is significant at the top and bottom of the minerized interval. The top of the interval has stronger AsP then the bottom, relatively. It appears that Py and AsP crystallized synonymously, overgrowths of each on one another are present within the same vein.

PROPERTY: RAU **HOLE: Rau-08-07**

Struct.		LITHOLOGY							*Count = Country; MZ= Mineralized Zone; TS=Talc Sulphide*	MINERALS				SAMPLES				Blocks			GEOTECHNICAL			
																					REC		RQD	
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	Pyrite	AsP	Pyrrhotite	Bismuthinite	From (m)	To (m)	Interval (m)	Sample	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent
		0.00	4.82	4.82	OB	Count			Overburden, pebbly limestone, v. poor recovery									0.00	4.57	4.57	0.12	2.6%	0.00	0.0%
														22.20	23.86	1.66	H246663	4.57	7.62	3.05	2.30	75.4%	0.28	9.2%
		4.82	15.7	10.88	LST	Count			dk. grey, fluid brecciated, limestone, locally dolomitic, high					23.86	25.86	2.00	H246664	7.62	9.14	1.52	1.35	88.8%	1.14	75.0%
									& low angle calcite veins to stringers, **Photo:** fluid breccia;					25.86	27.64	1.78	H246665	9.14	10.67	1.53	1.08	70.6%	0.64	41.8%
Vn	38	15.70							15.60-15-70: thick calcite vein					27.64	30.64	3.00	H246666	10.67	13.72	3.05	2.54	83.3%	2.17	71.1%
														30.64	33.64	3.00	H246667	13.72	15.24	1.52	1.47	96.7%	1.31	86.2%
		15.70	28.02	12.32	LST	Count			dk.-lt. grey, locally well foliated, locally mottled, locally	t				33.64	35.44	1.80	H246668	15.24	18.29	3.05	2.52	82.6%	1.11	36.4%
									dolomitic, micrite (limestone), w/ minor dominately					35.44	38.08	2.64	H246669	18.29	21.34	3.05	2.87	94.1%	2.68	87.9%
									low-angle calcite veining					38.08	40.08	2.00	H246670	21.34	24.38	3.04	2.67	87.8%	2.17	71.4%
									22.35-23.30: trace approx. 1-2mm pyrite (anhedral, spaced					40.08	42.05	1.97	H246671	24.38	27.43	3.05	2.74	89.8%	2.07	67.9%
									5-7cm apart)					BLANK			H246672	27.43	30.48	3.05	2.37	77.7%	1.34	43.9%
									25.85-26.30: vugy limonite stained zone									30.48	32.00	1.52	1.39	91.4%	1.01	66.4%
		22.2	***40.08***		***VOL***				***Volcaniclastic Unit***									32.00	35.05	3.05	2.56	83.9%	1.72	56.4%
		28.02	40.9	12.88	LST	Count			talcy soft zone, lt grey to off white, mottled, micrite;	t								35.05	38.10	3.05	2.90	95.1%	2.80	91.8%
									28.89: Py vein along frac.									38.10	41.15	3.05	2.86	93.8%	2.52	82.6%
Fo	34	30.25							30.25-31.54: local zone of dolomite, mottled w/ heavy calcite									41.15	42.67	1.52	1.21	79.6%	0.95	62.5%
									replacement									42.67	45.72	3.05	2.51	82.3%	1.71	56.1%
																		45.72	48.77	3.05	2.31	75.7%	1.20	39.3%
		40.90	136.89	95.99	DOL	Count			dk. grey, moderately to heavily fluid brecciated,	t				130.52	133.52	3.00	H246250	48.77	51.82	3.05	1.91	62.6%	0.64	21.0%
									dolomatized micrite (limestone), abundant calcite veins to					133.52	Au-Standard		H246251	51.82	54.86	3.04	2.56	84.2%	1.77	58.2%
Vn	50	44.24							stringers, sunbordinate quartz veins, local pebbly zones w/					133.52	136.52	3.00	H246252	54.86	57.91	3.05	2.01	65.9%	1.25	41.0%
									poor recovery, minor limonite staining in fractures, fluid									57.91	60.96	3.05	2.92	95.7%	2.72	89.2%
Vn	35	61.63							brecciated limestone is dolomatized w/ calcite infill, local									60.96	64.01	3.05	3.02	99.0%	1.95	63.9%
									1-3cm argillite intervals;									64.01	67.06	3.05	1.61	52.8%	1.30	42.6%
Vn	50	71.15							61.63-61.97: py is localized as massive crystal growth in									67.06	70.10	3.04	2.87	94.4%	2.80	92.1%
									1-3cm voids, along with euhedral to subhedral quartz									70.10	73.15	3.05	2.68	87.9%	2.47	81.0%
Vn	29	80.36							crystals, **Photo:** py. crystals in voids									73.15	76.20	3.05	2.84	93.1%	2.08	68.2%
									74.60: 1cm wide py. vein									76.20	79.25	3.05	2.59	84.9%	2.43	79.7%
Vn	34	107.53							107.36: **Photo:** fluid breccia 2									79.25	82.30	3.05	2.71	88.9%	2.45	80.3%
																		82.30	85.34	3.04	2.94	96.7%	2.46	80.9%
Vn	72	119.12																85.34	88.39	3.05	2.81	92.1%	2.47	81.0%
																		88.39	91.14	2.75	2.56	93.1%	2.56	93.1%
		136.84	145.00	8.16	LST	TS			dk. grey, moderately foliated (parallel to bedding), weakly	t-w				136.52	139.52	3.00	H246253	91.14	94.18	3.04	2.78	91.4%	2.44	80.3%
									calcite veined, pyritic (1-2mm, subhedral), locally dolomitic					139.52	142.52	3.00	H246254	94.18	97.23	3.05	2.76	90.5%	2.11	69.2%
Fo	32	138.68							(adjacent to qtz. veins), quartz banded micrite (limestone),					142.52	145.52	3.00	H246255	97.23	100.28	3.05	2.88	94.4%	1.06	34.8%
									graphitic in fractures;					145.52	148.52	3.00	H246256	100.28	103.33	3.05	2.96	97.0%	2.83	92.8%
Fo	31	104.59							139.60-139.74, 139.96-140.12, & 140.38-140.44: quartz					148.52	151.52	3.00	H246257	103.33	106.38	3.05	2.90	95.1%	2.68	87.9%
									bands					151.52	Blank		H246258	106.38	109.42	3.04	2.81	92.4%	2.57	84.5%
									136.84-140.58: all significant Py is in this interval, Py is					151.52	154.52	3.00	H246259	109.42	112.47	3.05	2.62	85.9%	1.59	52.1%
									parallel to foliation, but not yet sufficient to form continuous					154.52	157.52	3.00	H246260	112.47	115.52	3.05	2.82	92.5%	2.42	79.3%
									stringers									115.52	118.57	3.05	2.86	93.8%	2.61	85.6%
									140.58-141.30: greenish grey talcy zone, no mineralization									118.57	121.62	3.05	2.86	93.8%	1.53	50.2%
									except one Py band 30-40% 6cm wide centered at 144.41									121.62	124.66	3.04	2.72	89.5%	2.63	86.5%
																		124.66	126.49	1.83	1.76	96.2%	1.57	85.8%
		145.00	156.70	11.70	DOL	TS			grades into, dk grey, calcite banded, dolomicrite, locally	t								126.49	129.54	3.05	2.76	90.5%	2.58	84.6%
									non-dolomitic, minor <1% disseminated pyrite									129.54	132.59	3.05	3.01	98.7%	2.85	93.4%
																		132.59	135.64	3.05	2.84	93.1%	2.45	80.3%
		156.70	169.52	12.82	LST	TS			lt. brown to gray, leopard spotted (calcite amygduols),	t		t-w		157.52	160.52	3.00	H246001	135.64	138.68	3.04	2.81	92.4%	1.78	58.6%
									dolomicrite, trace to weak pyrrhotite					160.52	163.52	3.00	H246002	138.68	141.73	3.05	2.67	87.5%	2.24	73.4%
									167.91-169.52: fair pyrrhotite interval, abundant 1-2mm					163.52	166.52	3.00	H246003	141.73	144.78	3.05	2.93	96.1%	2.62	85.9%
									pyrrhotite stringers along foliation, 1.5-2mm masses at					166.52	169.52	3.00	H246004	144.78	147.83	3.05	2.88	94.4%	2.79	91.5%
									base of interval, sharp contact w/ underlying									147.83	150.88	3.05	2.81	92.1%	2.47	81.0%

PROPERTY: RAU **HOLE: Rau-08-07**

LITHOLOGY										MINERALS				SAMPLES				Blocks			GEOTECHNICAL			
Struct.									*Count = Country; MZ= Mineralized Zone; TS=Talc Sulphide*												REC		RQD	
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	Pyrite	AsP	Pyrrhotite	Bismuthinite	From (m)	To (m)	Interval (m)	Sample	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent
									massive pyrrhotite replaced zone									150.88	153.92	3.04	2.76	90.8%	2.14	70.4%
																		153.92	156.97	3.05	2.86	93.8%	2.71	88.9%
		169.52	172.87	3.35	LST	TS			greenish lt. grey LST, foliation parallel and subordinate	w-f				169.52	172.87	3.35	H246005	156.97	160.02	3.05	2.86	93.8%	2.40	78.7%
									high-angle calcite veins, Py follows foliation and is in weak									160.02	163.07	3.05	2.70	88.5%	1.92	63.0%
									stringers to veinlets, 20cm quartz vein marks the end of the									163.07	164.59	1.52	1.42	93.4%	1.22	80.3%
									interval w/ 5-7cm of massive Py above and below the vein,									164.59	167.64	3.05	2.65	86.9%	1.54	50.5%
									Photo: Quartz vein marking top of MZ									167.64	170.69	3.05	2.84	93.1%	2.77	90.8%
																		170.69	173.74	3.05	2.65	86.9%	2.22	72.8%
		172.87	180.72	7.85		MZ			calcite and subordinate dolomite hosted sulphide	ms-s	s-i	t		172.87	174.87	2.00	H246006	173.74	176.78	3.04	2.87	94.4%	2.39	78.6%
									mineralizaion, AsP is in more massive zones/bands					174.87	176.87	2.00	H246007	176.78	179.83	3.05	2.73	89.5%	2.30	75.4%
									wheras Py is in stringers to veins and regularly spaced					176.87	178.87	2.00	H246008	179.83	184.40	4.57	3.90	85.3%	2.38	52.1%
									every 1-2cm, **Photo:** Tiger Striped mineralization (Py st-vns),					178.87	180.87	2.00	H246009	184.40	187.45	3.05	2.69	88.2%	2.51	82.3%
									Photo: massive AsP @ fracture, **Photo:** AsP crystals with					180.87	Blank		H246010	187.45	190.50	3.05	2.71	88.9%	2.26	74.1%
									tremolite;									190.50	192.02	1.52	1.21	79.6%	0.74	48.7%
									v. strong AsP zones 45-70% (174.10-174.50, 174.62-									192.02	195.07	3.05	2.98	97.7%	2.35	77.0%
									174.72, 175.73-175.78, 175.84-175.94, & 176.14-176.20)									195.07	198.12	3.05	2.69	88.2%	2.26	74.1%
									176.20: tremolite									198.12	201.17	3.05	2.44	80.0%	1.77	58.0%
									176.32-176.54: only minor mineralization in this zone									201.17	204.22	3.05	2.92	95.7%	2.74	89.8%
																		204.22	207.26	3.04	2.61	85.9%	2.53	83.2%
		180.72	242.24	61.52	DOL	MZ			grey, dolomite hosted sulphide minerilization, lose of	ms-s	t-w	t-f	t	180.87	183.87	3.00	H246011	207.26	210.31	3.05	2.48	81.3%	1.51	49.5%
									significant AsP mineralization, Py is 10-15% throughout					183.87	186.87	3.00	H246012	210.31	213.36	3.05	2.68	87.9%	1.28	42.0%
Fo	34	181.92							most of interval, forming cyclic stripes along foliation and					186.87	189.87	3.00	H246013	213.36	214.88	1.52	1.52	100.0%	1.25	82.2%
									subordinately along fractures, additionally small pyrrhotite					189.87	192.87	3.00	H246014	214.88	217.93	3.05	2.90	95.1%	2.87	94.1%
Fo	29	184.50							bands (1-3cm) throughout interval along foliation, minor					192.87	195.87	3.00	H246015	217.93	220.98	3.05	2.86	93.8%	2.80	91.8%
									quartz veins form congruent with heavily mineralized zones;					195.87	Au-Standard		H246016	220.98	224.03	3.05	2.93	96.1%	2.79	91.5%
Vn	30	198.10							181.61-128.18: limestone interval with only 2-5% Py					195.87	198.87	3.00	H246017	224.03	227.08	3.05	2.74	89.8%	2.21	72.5%
									sub-parallel to foliation					198.87	201.87	3.00	H246018	227.08	230.12	3.04	2.76	90.8%	1.99	65.5%
Fo	31	207.90							182.18-185.67: cyclically banded pyrite 5-7%					201.87	204.87	3.00	H246019	230.12	233.17	3.05	2.91	95.4%	2.91	95.4%
									183.75-183.97: strongly pyritic zone 15-20%, massive					204.87	207.87	3.00	H246020	233.17	236.22	3.05	3.01	98.7%	2.99	98.0%
Vn	33	217.93							to banded					207.87	210.87	3.00	H246021	236.22	239.27	3.05	2.95	96.7%	2.77	90.8%
									186.32-188.61: approx. 55cm quartz vein at start of interval,					210.87	212.87	2.00	H246022	239.27	242.32	3.05	2.93	96.1%	2.40	78.7%
Fo	46	236.32							pyrite replaced fluid breccia w/ 1-3cm relic clasts, minor					212.87	214.87	2.00	H246023	242.32	245.36	3.04	2.97	97.7%	2.69	88.5%
									mineralization in matrix and along fractures (<1%)					214.87	216.87	2.00	H246024	245.36	248.41	3.05	2.69	88.2%	2.60	85.2%
									188.61-210.44: characteristic "Tiger Striped" Py ineterval,					216.87	218.87	2.00	H246025	**EOH**						
									py forms stringers to veinlets and 2-5cm banded zones,					218.87	220.87	2.00	H246026							
									Photo: "Tiger" zone					220.87	222.87	2.00	H246027							
									Minor <1% trace pyrrhotite along Fx & Fo at 201.73, 201.87,					222.87	224.87	2.00	H246028							
									205.63, 207.41, & 208.30, **Photo**: pyrrhotite along fracture					224.87	Au-Standard		H246029							
									206.00-218.00: trace bismuthinite, up to 20x5mm crystals					224.87	226.87	2.00	H246030							
									Massive Py Bands:					226.87	228.87	2.00	H246031							
									211.07-211.13: 40% Py					228.87	231.87	3.00	H246032							
									211.20-211.91: 55-60% Py					231.87	234.87	3.00	H246033							
									214.42-214.79: 75-80% Py					234.87	237.87	3.00	H246034							
									216.68-216.87: 85% Py, **Photo:** massive Py band					237.87	240.87	3.00	H246035							
									223.31-223.97: 40% Py					240.87	Blank		H246036							
									227.37-227.81: approx. 5% AsP forming crude veinlets															
									parallel to foliation with pyrite overgrowths for 2-4cm at the															
									top and bottom of this interval															
									227.99-237.51: approx. 3% local zones of AsP along Fo															
									238.06-228.19: **Photo:** pyrrhotite band (25-30%)															
									238.80-238.54: strong AsP zone approx. 15%															
									237.87-242.42: transition zone, decreasing mineralization															

PROPERTY: RAU **HOLE: Rau-08-07**

Struct.		LITHOLOGY								MINERALS				SAMPLES				Blocks			GEOTECHNICAL			
									Count = Country; MZ= Mineralized Zone; TS=Talc Sulphide												REC		RQD	
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	Pyrite	AsP	Pyrrhotite	Bismuthinite	From (m)	To (m)	Interval (m)	Sample	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent
									down holetowards end of interval, dominately stringers of															
									pyrite only, v minor Asp stringers															
		242.24	245.41	3.17	LST	Count			dk. grey-grey, argillicous, mottled, strongly foliated micrite,					240.87	243.87	3.00	H246037							
									fraccures are talcy, minor high-angle and foliation parallel					243.87	246.87	3.00	H246038							
Fo	31	245.40							calcite veining, **Photo:** mottled well foliated footwall															
		248.41	**EOH**																					

RAU PROJECT

PROPERTY: Rau

HOLE: Rau-08-08

Easting	Northing	Elev.	Depth (m)
528628	7119153	1339	274.32

Contractor: Superior Diamond Drilling Inc.
Drill: Hyrdro Core Type 1200

SURVEY							
Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	230	76	compass				
274.32	230	76	acid test				

Core size: BTW
Casing depth: 3.04 (m) in/out out

Drilling dates: July 20th - 23rd, 2008

Logged by: A. R. Kjos

Target: Mineralized Zone, Au Play, Anticlinal Trap in assymetrically folded limestone (Bouvette fm.)

SUMMARY				
From (m)	To (m)	Interval	Unit	Coments
0.00	3.96	3.96	OVB	
3.96	23.62	19.66	DOL	
23.62	43.20	19.58	VOL	
43.20	57.59	14.39	LST	
57.59	71.54	13.95	DOL	
71.54	167.43	95.89	LST	
167.43	192.94	25.51	VOL-A	altered volcaniclastic
192.94	263.10	70.16	MZ	
263.10	274.32	11.22	LST	

SAMPLES	
Numbers:	H246039-H246087
	H246673-H246682
Total:	59
Date sent:	

COMMENTS

calcite amygduols are foliated, implying some replacement was synonymous or prior to structural deformation

PROPERTY: Rau **HOLE: Rau-08-08**

Struct.		LITHOLOGY							*Count = Country; MZ= Mineralized Zone; TS=Talc Sulphide*	MINERALS				SAMPLES				Blocks			GEOTECHNICAL			
																					REC		RQD	
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	Pyrite	Arsenopyrite	Pyrrhotite	Chalcopyrite	From (m)	To (m)	Interval (m)	Sample	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent
		0.00	3.96	3.96		OB			Overburden									0.00	3.96	3.96	1.20	30.3%	0.00	0.0%
																		3.96	6.10	2.14	1.51	70.6%	1.27	59.3%
		3.96	23.06	19.10	DOL	Count			dk. grey, fluid brecciated, heavily calcite veined (up to 20cm					23.62	26.17	2.55	H246673	6.10	8.23	2.13	1.89	88.7%	1.68	78.9%
									thick), dolomicrite (dolomatized limestone)					26.17	28.17	2.00	H246674	8.23	10.67	2.44	2.15	88.1%	1.72	70.5%
Vn	44	20.02												28.17	31.17	3.00	H246675	10.67	13.72	3.05	2.82	92.5%	2.36	77.4%
														31.17	34.17	3.00	H246676	13.72	16.76	3.04	2.64	86.8%	2.00	65.8%
		23.06	26.23	3.17	LST	Count			grey-brownish grey, moderately foliated, micrite w/ calcite	t				BLANK			H246677	16.76	19.81	3.05	2.61	85.6%	1.83	60.0%
									stringers, pyrite is dominately in the last 1/3 of the interval					34.17	36.17	2.00	H246678	19.81	22.86	3.05	2.98	97.7%	2.87	94.1%
									25.42: 4cm lenticular pyrite band, other Py stringers in					36.17	38.20	2.03	H246679	22.86	25.91	3.05	2.68	87.9%	2.24	73.4%
									vicinity					38.20	40.20	2.00	H246680	25.91	28.96	3.05	2.91	95.4%	2.63	86.2%
		23.62	***43.2***		***VOL***				***Volcaniclastic unit***					40.20	43.20	3.00	H246681	28.96	29.57	0.61	0.61	100.0%	0.00	0.0%
		26.23	34.35	8.12	DOL	Count			greenish brown to rusty brown, moderately to strongly	t				43.20	45.20	2.00	H246682	29.57	32.00	2.43	2.03	83.5%	1.76	72.4%
									foliated, leopard spotted (5mm avg. calcite amygduols,									32.00	33.22	1.22	1.21	99.2%	0.44	36.1%
Fo	52	28.86							sheared),dolomite with foliation parallel calcite veinlets to									33.22	35.05	1.83	1.46	79.8%	1.22	66.7%
									veins									35.05	38.10	3.05	2.81	92.1%	2.48	81.3%
									26.23-27.92: heavily chloritized zone									38.10	41.15	3.05	2.89	94.8%	2.57	84.3%
									28.96-29.57: very poor zone of recovery, oxidized, heavy									41.15	44.20	3.05	2.94	96.4%	2.62	85.9%
									limonite staining									44.20	47.24	3.04	2.89	95.1%	2.45	80.6%
									32.94-33.30: heavily broken up zone									47.24	50.29	3.05	2.76	90.5%	2.40	78.7%
																		50.29	53.34	3.05	2.96	97.0%	2.10	68.9%
		34.35	44.06	9.71	LST	Count			greenish brown to rusty brown, mod. to strongly foliated,	t-f								53.34	56.39	3.05	2.81	92.1%	2.60	85.2%
									weakly amygduloidal (but larger up to 1.5cm), weakly									56.39	59.44	3.05	2.84	93.1%	2.51	82.3%
Vn	39	35.03							dolomitic, micrite (limestone), pyrite is in stringers to veins									59.44	62.48	3.04	3.05	100.3%	2.75	90.5%
									and sub-anhedral crystals (up to 1cm) along foliation									62.48	65.53	3.05	2.69	88.2%	2.09	68.5%
																		65.53	68.58	3.05	2.93	96.1%	2.87	94.1%
		44.06	57.59	13.53	LST	Count			grey-dk. grey, mod. foliated, mod. fluid brecciated,	t-w								68.58	71.63	3.05	3.01	98.7%	2.74	89.8%
									dolomicrite to micrite, with pyrite stringers along foliation;									71.63	74.68	3.05	2.77	90.8%	2.34	76.7%
Fo	34	53.04																74.68	77.72	3.04	2.68	88.2%	1.77	58.2%
																		77.72	80.77	3.05	2.61	85.6%	2.26	74.1%
		57.59	71.54	13.95	DOL	Count			grey, weakly fluid brecciated, pyritic, dolomicrite with	t-w								80.77	83.82	3.05	2.68	87.9%	2.25	73.8%
									intermittent 5-25cm calc-argillite intervals, weak to mod.									83.82	86.87	3.05	2.81	92.1%	2.32	76.1%
Fo	36	65.15							calcite veined, Py presents as stringers along foliation and									86.87	89.92	3.05	2.87	94.1%	2.58	84.6%
									as coarse Euhedral crystals;									89.92	91.44	1.52	1.32	86.8%	0.75	49.3%
									57.59 & 68.43: 3-4 cm Py bands, **Photo:** Py band									91.44	94.49	3.05	2.75	90.2%	1.73	56.7%
									62.77 & 67.30: coarse Euhedral Py crystals,									94.49	97.54	3.05	2.63	86.2%	1.89	62.0%
									Photos: Cr Py crystals (3), Cr Py crystal (2)									97.54	100.58	3.04	2.84	93.4%	2.01	66.1%
																		100.58	103.63	3.05	2.81	92.1%	2.21	72.5%
		71.54	135.85	64.31	LST	Count			dk. grey-grey, heavily fluid brecciated, slightly argillicious,	t								103.63	105.16	1.53	1.48	96.7%	0.50	32.7%
									dolomicrite to micrite, limonite and hematite prevelent									105.16	108.20	3.04	2.65	87.2%	1.22	40.1%
									along fracures, heavily calcite veined (stringers to veins),									108.20	111.25	3.05	2.26	74.1%	1.30	42.6%

RAU PROJECT

PROPERTY: RAU

HOLE: Rau-08-09

Easting	Northing	Elev.	Depth (m)
528634	7118974	1313	204.22

Contractor: Superior Diamond Drilling Inc.
Drill: Hyrdro Core Type 1200

SURVEY							
Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	230°	-60	compass				
200	230°	-59°	acid				

Core size: BTW
Casing depth: 12.19 (m) out

Drilling dates: July 29th - 30th, 2008

Logged by: A. R. Kjos

Target: strike extension of main zone

SUMMARY				
From (m)	To (m)	Interval	Unit	Coments
0.00	18.24	18.24	OVB	
18.24	99.90	81.66	LST	
99.90	105.89	5.99	VOL-A	altered volcaniclastic
105.89	129.93	24.04	MZ	
129.93	163.98	34.05	LIM	
163.98	190.50	26.52	MAR	
190.50	204.22	13.72	CAV	cavern

SAMPLES	
Numbers:	H246118-H246148
Total:	31
Date sent:	

COMMENTS

Encountered large voids (greater then 20 feet), while drilling hole, cord to 670', rods serpeated due to bad "faulted" ground. Acid test was conducted instead of IceField probe due to lack of hole stability and rod seperation.

PROPERTY: **HOLE:**

Struct.		LITHOLOGY								MINERALS				SAMPLES				Blocks			GEOTECHNICAL				
																					REC		RQD		
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	Py	P0			From (m)	To (m)	Interval (m)	Sample	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent	Mag Sup.
		0	**18.24**	18.24	OVB				OB - Pebbly fluid brec. Micrite - dolomicrite																
																		0.00	4.57	4.57	0.35	8%	0.00	0%	-
		18.24	**99.9**	81.66	LST, BX				grey, moderate to strongly foliated,	t				93.90	96.90	3.00	H246118	4.57	7.62	3.05	0.32	10%	0.00	0%	-
FO	22	28.95							fluid brecciated, styllitic oxidized locally (sig. zones noted) PY					96.90	99.90	3.00	H246119	7.62	10.67	3.05	0.97	32%	0.00	0%	-
UN	45								moderate - heavily calcite veined, fossiliferous (coral,crinoid)					99.90	102.90	3.00	H246120	10.67	13.72	3.05	0.45	15%	0.00	0%	-
FO	51	42.77							micrite to dolomicre					102.90	105.89	2.99	H246121	13.72	15.24	1.52	1.96	129%	0.14	9%	-
									photo: crinoid - 35.82					105.89	107.89	2.00	H246122	15.24	18.29	3.05	0.94	31%	0.38	12%	-
									photo: styllite - 28.05					107.89	109.89	2.00	H246123	18.29	21.34	3.05	2.63	86%	1.10	36%	-0.09
FO	30	57.83							matrix in fluid breccia is dominantly Calcite w/ minor quartz replacement					STANDARD		#####	H246124	21.34	23.77	2.43	1.74	72%	1.11	46%	-0.20
									16.50 - 28.76 - styllite zone					109.89	111.89	2.00	H246125	23.77	25.91	2.14	1.88	88%	1.44	67%	-0.12
														111.89	113.89	2.00	H246126	25.91	28.96	3.05	2.71	89%	2.39	78%	-0.15
VN	59	71.93							35.01 - 35.23 - weak-fair PY zone in veinlets up to 8 mm and disseminated					BLANK		#####	H246127	28.96	32.00	3.04	2.74	90%	2.22	73%	-0.15
									5137-53.90: oxidized zone w/ lam py. Eu x-tal					113.89	115.89	2.00	H246128	32.00	35.05	3.05	2.92	96%	2.37	78%	-0.07
FO	31	87.92							photo: 69.23 - coral					115.89	117.89	2.00	H246129	35.05	38.10	3.05	2.52	83%	1.22	40%	-0.16
									86.63 - 87.45: hem, stained heavily oxidized zone					117.89	119.89	2.00	H246130	38.10	40.23	2.13	1.93	91%	2.22	104%	2.13
FO	33	95.61							92.66 - 94.80 heavily oxidized poor rec, w/ abunt. quartz					119.89	121.89	2.00	H246131	40.23	42.67	2.44	2.26	93%	1.76	72%	-0.19
									rubble, minor LST hunks					121.89	124.89	3.00	H246132	42.67	45.72	3.05	2.18	71%	0.18	6%	-0.20
		99.9	**105.89**	5.99	TS	TS			greenish to brownish grey, oxidized, moderately to strongly	W				124.89	127.89	3.00	H246133	45.72	48.77	3.05	2.75	90%	2.14	70%	-0.14
FO	50	100.32							foliated, quartz replaced, pyritic (bands 2-3 cm avg. loc.)					127.89	129.89	2.00	H246134	48.77	51.82	3.05	2.75	90%	1.95	64%	-0.09
FO	39	105.02							up to 1 cm x - ▲	possible t				129.89	132.59	2.70	H246135	51.82	53.95	2.13	1.93	91%	1.66	78%	0.16
									soft, ▲locally as w/ majority of hole, loc. Argillicious	bismathinite				132.59	135.64	3.05	H246136	53.95	56.39	2.44	1.90	78%	1.48	61%	-0.17
									101.52-96.60 quartz replaced zone					135.64	138.68	3.04	H246137	56.39	58.83	2.44	2.20	90%	1.98	81%	-0.09
														138.68	143.21	4.53	H246138	58.83	60.96	2.13	2.02	95%	1.81	85%	-0.05
		105.89	**129.98**	24.09	MZ				brownish grey, oxidized, st foliated, massive sulphide, fluid	X	X-I			143.21	149.35	6.14	H246139	60.96	63.09	2.13	1.73	81%	0.38	18%	-0.10
tw	28	109.7							brecciated calcite and quartz veined argilliceous									63.09	65.53	2.44	2.08	85%	1.42	58%	-0.08
														STANDARD			H246140	65.53	67.06	1.53	1.35	88%	0.61	40%	-0.01
									105.89-106.68 - upper transition zone, abunt - argilliceous					153.92	160.02	6.10	H246141	67.06	68.58	1.52	1.03	68%	0.60	39%	0.05
									quartz replaced fluid breccia and pyrite banding					160.02	164.59	4.57	H246142	68.58	71.63	3.05	2.61	86%	2.11	69%	-0.16
									106.68-107.70 massive Py zone 80-90% granular w/ quartz					164.59	167.64	3.05	H246143	71.63	72.54	0.91	0.91	100%	0.79	87%	0.01
									infill 108.62 - :massive P0 zone w/ 15-25% average					167.64	170.69	3.05	H246144	72.54	74.68	2.14	1.72	80%	1.35	63%	0.06
									Photo: P0 salvage to massive, up to 3 cm bands of >90%					BLANK			H246145	74.68	76.20	1.52	1.52	100%	0.23	15%	0.38
									forms as massive bands and salvages oxidized of mushy (loc)					170.69	173.71	3.02	H246146	76.20	79.25	3.05	2.65	87%	2.37	78%	-0.08
														173.71	184.40	10.69	H246147	79.25	81.38	2.13	1.98	93%	1.34	63%	-0.12
VN	66	112.88							110.68-113.67 only trace Py, and S-I P0 is damaged in					184.40	187.40	3.00	H246148	81.38	83.82	2.44	1.78	73%	1.09	45%	-0.07
									bands and large masses minor argilliceous									83.82	86.87	3.05	0.80	26%	0.50	16%	-0.12
FO	46	119.07							"veins"									86.87	89.92	3.05	2.42	79%	1.00	33%	0.01
									113.67-115.82: weakly-moderately									89.92	92.96	3.04	2.30	76%	1.05	35%	-0.13
									min. zone Py and P0									92.96	96.01	3.05	2.91	95%	0.00	0%	0.24
									115.52-121.93 Massive P0 Zone I-X w/ I-S py, megacrystic									96.01	99.06	3.05	2.12	70%	1.00	33%	0.07
									py up to 2 cm Eu									99.06	100.58	1.52	1.50	99%	0.29	19%	0.36
									py x-tals encassed in massive P0									100.58	102.11	1.53	1.50	98%	0.00	0%	-0.10
									min. parallels foliaiton									102.11	106.68	4.57	2.96	65%	0.41	9%	0.00
		121.93	129.98						last 1 1/2 grades into tiger striped P0 interval then striped of	M	MS							106.68	109.73	3.05	2.24	73%	0.14	5%	6.42
FO	47	124.67							interval almost all min. directly parallels foliation forming, dam									109.73	112.78	3.05	2.59	85%	1.84	60%	13.8
	48	129.34							stringers to veinlets w/ a light grey dolomitic matrix and py									112.78	115.82	3.04	2.40	79%	1.07	35%	7.31
									is most abundant and has largest masses at the base of the									115.82	118.87	3.05	2.68	88%	2.44	80%	9.64
									interval									118.87	121.93	3.06	2.44	80%	1.12	37%	6.23
																		121.93	124.97	3.04	3.02	99%	2.83	93%	9.73
		129.98	**163.98**	34	LIM, OX				heavily oxidized zone - heavily altered w/ very poor recovery	tw	tw							124.97	126.49	1.52	1.51	99%	1.10	72%	7.66

PROPERTY: **HOLE:**

Struct.		LITHOLOGY								MINERALS				SAMPLES				Blocks			GEOTECHNICAL				
																					REC		RQD		
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	Py	P0			From (m)	To (m)	Interval (m)	Sample	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent	Mag Sup.
									sparse remenent unoxidized pieces, same portions are very									126.49	129.54	3.05	2.30	75%	2.07	68%	8.16
									soft and talcy, mass of 1 1/2 cm x 1/2 py along vein									129.54	131.64	2.10	1.12	53%	0.27	13%	3.48
									at the base of intr.									131.64	132.59	3.05	0.84	28%	0.70	23%	0.10
									149.35-153.92									132.59	135.64	3.05	0.82	27%	0.00	0%	-0.13
									no recovery; wash away									135.64	138.68	3.04	1.22	40%	0.00	0%	0.06
																		138.68	140.21	1.53	0.37	24%	0.00	0%	0.04
		163.98	**190.5**	26.52	MAR				weakly oxidized zone reddish light grey	t								140.21	143.26	3.05	0.18	6%	0.00	0%	0.11
																		143.26	146.30	3.04	0.23	8%	0.00	0%	-0.05
	frac	92	171.49						manble to dolomite w/ trace pyrite, weak calcite veins									146.30	149.35	3.05	0.46	15%	0.00	0%	-0.03
									and mod about fractures (high-angle)									149.35	153.92	4.57	0.00	0%	0.00	0%	-0.11
									175.00-184.40 void space no recovery 16 cm before void									153.92	160.02	6.10	0.45	7%	0.00	0%	0.08
									boxwork									160.02	164.59	4.57	1.10	24%	0.61	13%	0.10
																		164.59	167.64	3.05	2.02	66%	1.72	56%	0.14
		184.4	190.5															167.64	170.69	3.05	0.25	8%	0.13	4%	0.16
	F0	34	185.42						offwhite st,									170.69	173.74	3.05	2.34	77%	2.03	67%	0.15
	FO	35	188.68						▲marble w/ trace py, fluid brecciated weakly calcite veined	t				large void only 25 cm of material				173.74	184.40	10.66	0.27	3%	0.10	1%	-0.10
									grey stringers high angle of parallel to fol.					recovered				184.40	185.93	1.53	1.34	88%	1.10	72%	-0.09
																		185.93	188.98	3.05	2.83	93%	2.75	90%	-0.08
		190.5	**204.22**	13.72	CAV				Cavern - recovered only 28 cm of oxidized mush, large void									188.98	190.05	1.07	0.47	44%	0.42	39%	0.09
									was encountered, which results in rod separation									190.05	204.22	14.17	0.34	2%	0.00	0%	0.57
		204.22			EOH																				

RAU PROJECT

PROPERTY: RAU

HOLE: Rau-08-010

Easting	Northing	Elev.	Depth (m)
528680	7118915	1344	111.25

Contractor: Superior Diamond Drilling Inc.
Drill: Hyrdro Core Type 1200

SURVEY							
Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	230°	-60	compass				

Core size: BTW
Casing depth: 3.04 (m) out

Drilling dates:

Logged by: A. R. Kjos

Target: strike extension of mineralized zone

SUMMARY				
From (m)	To (m)	Interval	Unit	Coments
0.00	6.89	6.89	OVB	
6.89	30.75	23.86	LST	
30.75	88.25	57.50	MZ	upper mineralized horizon
88.25	111.25	23.00	DOL	

SAMPLES

Numbers: H246149-H246177

Total: 29
Date sent:

COMMENTS

hole did not extend far enough, only intersected the upper horizon

PROPERTY: **HOLE:**

Struct.		LITHOLOGY								MINERALS				SAMPLES				Blocks			GEOTECHNICAL				
																					REC		RQD		
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	Py	P0	ASP		From (m)	To (m)	Interval (m)	Sample	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent	Mag Sup
		0	**6.89**		OVB	OB			Overburden blocky oxidized dolomicrite to micrite, calcite																
									veined									0.00	3.05	3.05	0.26	8.5%	0.00	0.0%	
		6.89	**30.75**		LST	Count			grey-dark grey mod. Foliated, calcite veinlets to veins (sub.	t								3.05	4.57	1.52	0.30	19.7%	0.00	0.0%	
									stringers), fluid brecciated mod.- weakly dolomitic, micrite									4.57	7.62	3.05	1.58	51.8%	0.96	31.5%	-0.13
VN	37	14.2							(LST) 26.94 -27.02 massive py band, poor rec.					24.75	27.75	3.00	H246149	7.62	9.14	1.52	1.24	81.6%	0.65	42.8%	-0.17
FO	38	25.23												27.75	30.75	3.00	H246150	9.14	12.19	3.05	1.70	55.7%	0.78	25.6%	-0.19
														30.75	33.75	3.00	H246151	12.19	15.24	3.05	2.45	80.3%	1.22	40.0%	-0.12
		30.75	**88.25**		MZ	MZ			Grey - dark, grey, heavily calicte veined, py banded fluid	w	fw	t		33.75	36.75	3.00	H246152	15.24	18.29	3.05	2.35	77.0%	1.44	47.2%	-0.12
									brecciated, dolomicritic, weak hem staining in fracture					36.75	39.35	2.60	H246153	18.29	21.34	3.05	0.87	28.5%	0.22	7.2%	-0.13
VN	48	36.77							39.35-39.90 massive sulphide int 95%, 90% Py 5% P0					39.35	39.90	0.55	H246154	21.34	22.86	1.52	1.18	77.6%	0.65	42.8%	-0.07
														BLANK			H246155	22.86	25.91	3.05	2.51	82.3%	0.68	22.3%	-0.13
VN	54	41.35							41.81-41.89 Massive 100%					39.90	42.90	3.00	H246156	25.91	27.43	1.52	1.28	84.2%	0.61	40.1%	-0.09
									P0: Photo					42.90	45.90	3.00	H246157	27.43	30.48	3.05	2.14	70.2%	1.08	35.4%	-0.17
														45.90	48.90	3.00	H246158	30.48	33.53	3.05	2.60	85.2%	1.13	37.0%	1.27
									P0 tends to occur in discrete bands ± Py but trace P0					STANDARD			H246159	33.53	36.57	3.04	2.65	87.2%	2.34	77.0%	0
									can be found sporadically throughout the interval					48.90	51.90	3.00	H246160	36.57	38.10	1.53	1.40	91.5%	1.25	81.7%	0.16
VN	73	44.51							Py is prevalent throughout interval and is dam. Weak local,					51.90	53.90	2.00	H246161	38.10	41.15	3.05	2.68	87.9%	2.11	69.2%	9.06
									cyclic 4-20 cm average bands, w/ X-l pyrite are where the Ma					53.90	55.90	2.00	H246162	41.15	42.67	1.52	1.10	72.4%	0.69	45.4%	2.63
									53.79-55.71 lg. Qtz vein w/ mod. Py veinlets to veins/ bands					55.90	58.90	3.00	H246163	42.67	44.81	2.14	2.14	100.0%	1.82	85.0%	-0.19
FC	51	48.79							and local trace-with ASP along fractures and dissem.					58.90	61.90	3.00	H246164	44.81	47.24	2.43	1.80	74.1%	1.43	58.8%	-0.05
									w/ Eu x-tals up to most					61.90	64.90	3.00	H246165	47.24	50.29	3.05	2.45	80.3%	2.11	69.2%	-0.13
									4 mm, trace throughout of qtz vein locally weak					64.90	67.90	3.00	H246166	50.29	53.34	3.05	2.66	87.2%	1.68	55.1%	-0.16
														67.90	70.90	3.00	H246167	53.34	56.39	3.05	2.57	84.3%	1.50	49.2%	-0.09
FO	46	57.8							Photo: 55.22-55.42 weak ASP					70.90	73.90	3.00	H246168	56.39	59.44	3.05	2.65	86.9%	1.80	59.0%	1.39
									63.43-63.50 P0					73.90	76.90	3.00	H246169	59.44	62.48	3.04	2.85	93.8%	2.23	73.4%	8.55
									vein 100% x-treme					STANDARD			H246170	62.48	65.53	3.05	2.76	90.5%	2.37	77.7%	7.62
									64.69-65.15 - x-treme					76.90	79.90	3.00	H246171	65.53	68.58	3.05	2.89	94.8%	2.68	87.9%	7.08
									~85% py interval, last 1 cm gradually grade down to intense					79.90	82.90	3.00	H246172	68.58	71.63	3.05	2.71	88.9%	2.42	79.3%	1.01
									65.81-66.00 I.X. P0 with 35-4% P0 at the centre of interval					82.90	85.90	3.00	H246173	71.63	74.68	3.05	2.80	91.8%	2.41	79.0%	0.93
									grading out each way					85.90	88.25	2.35	H246174	74.68	77.72	3.04	2.72	89.5%	2.24	73.7%	7.44
														BLANK			H246175	77.72	80.77	3.05	2.66	87.2%	2.08	68.2%	3.22
									75.82-76.00 S-I					88.25	91.25	3.00	H246176	80.77	83.82	3.05	2.74	89.8%	2.41	79.0%	3.83
VN	41	74.38							P0 interval with large Eu - Subhedral 1-1.5 cm py x-tals					91.25	94.25	3.00	H246177	83.82	86.87	3.05	2.85	93.4%	2.66	87.2%	0.09
									being encassed, possibly salvage along fractures									86.87	89.92	3.05	2.83	92.8%	2.79	91.5%	2.12
									although foli still controls much of the mineralization large									89.92	92.96	3.04	2.87	94.4%	2.60	85.5%	0.19
									bands seem to be associated w/ fractures									92.96	96.01	3.05	2.80	91.8%	2.66	87.2%	-0.07
UN	24	81.07							interval is locally marbelized adjacent to heavy mineralization									96.01	99.06	3.05	2.91	95.4%	2.82	92.5%	-0.47
																		99.06	102.11	3.05	2.80	91.8%	2.74	89.8%	-0.44
									76.00-79.70 marblized zone with frac p0 dam as salvages									102.11	105.16	3.05	3.05	100.0%	2.96	97.0%	0.27
									88.83-89.00 arblized zone w f-m P0 salvage									105.16	108.20	3.04	2.73	89.8%	2.25	74.0%	0.17
									87.25-88.25 quartz vein w/ms P0 salvage at top, t ASP,									108.20	109.73	1.53	1.36	88.9%	1.21	79.1%	-0.02
									and a MS-S py band marking its bottom									109.73	111.25	1.52	1.52	100.0%	1.35	88.8%	0.06
									83.60-83.82 marble interval f-m py to P0 mass (st-veins)																
		88.25	**111.25**		DOL, BX				grey to dark grey, heavily calcite veined, fol., heavily fluid	t															
FO	41	89.05							brecciated dolomicrite to local micrite, loc. Py. banding																
									in upper 2 m of int, 98.46 batchul ▲																
									2 x 1.5 cm py : photo																
		111.25			EOH																				

RAU PROJECT

PROPERTY: RAU

HOLE: Rau-08-11

Easting	Northing	Elev.	Depth (m)
528645	7119082	1324	278.89

Contractor: Superior Diamond Drilling Inc.
Drill: Hyrdro Core Type 1200

SURVEY							
Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	230°	-60°	compass				
275.54	230°	-54°	icefield				

Core size: BTW
Casing depth: 4.57 (m) out

Drilling dates: August 1st - 4th, 2008

Logged by: Matt Dumalla & Adam R. Kjos

Target: Mineralized Zone, Au Play

SUMMARY				
From (m)	To (m)	Interval	Unit	Coments
0.00	4.57	4.57	OB	blocky limestone, well foliated
4.57	19.67	15.10	LST	
19.67	41.15	21.48	VOL	
41.15	58.16	17.01	LST	
58.16	96.06	37.90	DOL	
96.06	103.75	7.69	LST	
103.75	107.49	3.74	DOL	
107.49	127.17	19.68	LST	
127.17	165.91	38.74	VOL-A	altered volcaniclastics
165.91	235.65	69.74	MZ	
235.65	240.08	4.43	MAR	
240.08	243.96	3.88	VOL-A	altered volcaniclastics
243.96	278.89	34.93	MAR	

SAMPLES	
Numbers:	H246178-H246224
	H246683-H246692
Total:	57
Date sent:	

COMMENTS

PROPERTY: Rau **HOLE: Rau-08-11**

Struct.		LITHOLOGY								MINERALS				SAMPLES				Blocks			GEOTECHNICAL				
									Count = Country; MZ= Mineralized Zone; TS=Talc Sulphide												REC		RQD		
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	Pyrite	Arsenopyrite	Pyrrhotite	Magnetite	From (m)	To (m)	Interval (m)	Sample	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent	Mag. Susceptibility
		0.00	4.57	4.57	OVB				lt. grey, blocky, well foliated, limestone									0.00	3.04	3.04	0.02	1%	0.00	0%	-0.02
		19.67	***41.15***		***VOL***				***Volcaniclastic Unit***					19.67	22.72	3.05	H246683	3.04	4.57	1.53	0.54	35%	0.00	0%	0.18
		4.57	58.16	53.59	LST				grey-t. grey, locally strongly foliated, locally weakly dolomitic,	t	t		t-w	22.72	25.41	2.69	H246684	4.57	6.10	1.53	1.11	73%	0.80	52%	-0.01
									micrite (limestone), w/ weak calcite stringers to veins,					25.41	28.41	3.00	H246685	6.10	9.14	3.04	2.76	91%	1.35	44%	-0.04
Fo	39	15.04							locally amygduloidal (calcite), locally pyritic in marbelized					28.41	30.72	2.31	H246686	9.14	12.19	3.05	2.57	84%	1.76	58%	0
									zones, interval becomes dolomitic and more heavily calcite					30.72	32.15	1.43	H246687	12.19	15.24	3.05	2.62	86%	2.04	67%	-0.09
Fo	33	34.85							veined at its base;					BLANK			H246688	15.24	18.29	3.05	2.40	79%	1.70	56%	0.01
									19.86-22.36: marbelized interval w/ ms Py along foliation,					32.15	35.15	3.00	H246689	18.29	21.34	3.05	2.73	90%	2.40	79%	-0.02
Fo	40	41.45							moderate AsP locally at base of interval					35.15	38.15	3.00	H246690	21.34	24.38	3.04	2.47	81%	1.70	56%	0.08
									25.60-31.58: 0.3-1cm calcite amygduols, w/ weak 2-3mm					38.15	41.15	3.00	H246691	24.38	27.43	3.05	2.94	96%	2.31	76%	45.8
Vn	21	51.84							dissem. magnetite					41.15	43.15	2.00	H246692	27.43	30.48	3.05	2.88	94%	2.40	79%	46.6
									32.25-35.57: calcite amygduols w/ trace 2-3mm									30.48	33.53	3.05	2.76	90%	2.46	81%	46.6
Vn	61	55.48							disseminated magnetite									33.53	35.05	1.52	1.44	95%	1.35	89%	4.57
									39.15-41.12: soft chloritized zone w/ pyrite stringers along									35.05	38.10	3.05	2.66	87%	1.94	64%	2.26
									foliation									38.10	41.15	3.05	2.98	98%	2.63	86%	0.54
																		41.15	44.20	3.05	3.00	98%	2.69	88%	-0.2
		58.16	67.71	9.55	DOL				dk. grey, moderately foliated, oxidized, blocky, dolomicrite	t?								44.20	47.24	3.04	3.00	99%	2.00	66%	-0.19
									heavily broken up interval, w/ calcite veins to stringers									47.24	50.29	3.05	2.95	97%	1.68	55%	0.04
Vn	63	63.42																50.29	53.34	3.05	2.99	98%	2.66	87%	0.12
																		53.34	54.86	1.52	1.85	122%	1.55	102%	-0.28
		67.71	96.06	28.35	DOL				grey-lt. grey, dominately heavily fluid brecciated dolomite	t								54.86	57.91	3.05	2.65	87%	1.82	60%	-0.27
									w/ a quartz and secondary calcite matrix, quartz stringers to									57.91	59.44	1.53	0.64	42%	0.11	7%	-0.13
Vn	51	69.60							veins, and v. minor disseminated pyrite, gradational with									59.44	60.96	1.52	0.79	52%	0.00	0%	-0.12
									the next interval over the last 4.5m									60.96	64.01	3.05	2.59	85%	1.67	55%	-0.13
Fo	38	78.52																64.01	67.06	3.05	2.08	68%	0.23	8%	-0.12
																		67.06	70.10	3.04	2.73	90%	1.61	53%	-0.22
Fx	23	85.04																70.10	73.15	3.05	3.05	100%	2.85	93%	-0.09
																		73.15	76.20	3.05	2.52	83%	2.52	83%	-0.2
Vn	44	92.60																76.20	77.72	1.52	2.00	132%	2.00	132%	-0.19
																		77.72	80.77	3.05	2.91	95%	2.66	87%	-0.15
		96.06	103.75	7.69	LST				dk. grey-grey, strongly foliated, weakly fluid brecciated,	w	w	t		Secondary sample should				80.77	83.21	2.44	2.34	119%	1.33	109%	-0.17
									weakly-mod. dolomitic, micrite, w. calcite stringers to veins					possibly be considered for this				83.21	85.34	2.13	1.96	110%	0.21	62%	-0.13
Fo	39	98.54							Py and AsP for as weak stringers to veins along foliation					interval				85.34	88.39	3.05	2.99	64%	2.36	7%	-0.19
									w/ some minor secondary disseminated up to 8mm									88.39	91.44	3.05	2.74	98%	2.52	77%	-0.09
Fo	57	103.31							(2-4mm avg.) Euhedral-Subhedral crystals									91.44	92.96	1.52	1.50	180%	1.28	166%	-0.12
																		92.96	97.54	4.58	4.57	33%	3.36	28%	-0.02
		103.75	107.49	3.74	DOL				grey-dk. grey, heavily fluid brecciated, calcite to quartz	t								97.54	100.58	3.04	3.01	150%	3.00	111%	-0.13
									veined dolomite									100.58	103.63	3.05	3.06	99%	2.73	98%	0.01
Vn	55	106.78																103.63	106.68	3.05	2.88	100%	2.14	90%	0.08
																		106.68	109.73	3.05	4.04	94%	2.34	70%	
		107.49	127.17	19.68	LST				Grey LST solution breccia									109.73	114.30	4.57	1.33	88%	0.56	51%	
		108.66							as above, crackle texture									114.30	115.82	1.52	2.41	88%	1.01	37%	
									112.90 start of calcite veins									115.82	118.87	3.05	2.59	79%	1.85	33%	
Vn	45	113.60							large calcite crystals with limonite on fractures									118.87	121.92	3.05	1.43	85%	1.43	61%	
									two perpendicular fracture sets									121.92	123.44	1.52	2.78	94%	2.18	94%	
									116.10 fracture with strong limonite over 10 cm					121.17	124.17	3.00	H246178	123.44	126.49	3.05	1.35	91%	0.92	71%	
Vn	45	122.50												124.17	127.17	3.00	H246179	126.49	128.02	1.53	2.82	88%	2.66	60%	
														127.17	130.17	3.00	H246180	128.02	131.06	3.04	2.57	93%	1.81	88%	
		127.17	163.07	35.9	TS				Talc sulphide	w				130.17	133.17	3.00	H246181	131.06	134.11	3.05	2.85	84%	2.63	59%	

PROPERTY: Rau **HOLE: Rau-08-11**

Struct.		LITHOLOGY								MINERALS				SAMPLES				Blocks			GEOTECHNICAL				
									Count = Country; MZ= Mineralized Zone; TS=Talc Sulphide												REC		RQD		
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	Pyrite	Arsenopyrite	Pyrrhotite	Magnetite	From (m)	To (m)	Interval (m)	Sample	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent	Mag. Susceptibility
									light grey to green finely folliated becoming whiter					133.17	136.17	3.00	H246182	134.11	137.16	3.05	2.83	93%	2.52	86%	
Fo	55	131.00							wavy folliation	t				136.17	138.82	2.65	H246183	137.16	140.21	3.05	1.54	93%	0.93	83%	195
									131.50 darker grey with coarser folliations	t				138.82	141.82	3.00	H246184	140.21	141.73	1.52	2.94	101%	2.61	61%	143
Fo	50	134.00							light grey finely folliated becoming brown					141.82	144.82	3.00	H246185	141.73	144.78	3.05	2.81	96%	2.81	86%	171
									137.16 dark grey-brown massive to finely folliated					144.82	147.82	3.00	H246186	144.78	147.83	3.05	3.05	92%	2.70	92%	41.5
									with calcite veins <1cm					147.82	150.82	3.00	H246187	147.83	150.88	3.05	3.05	100%	2.89	89%	1.13
		138.82			TS				grey brown with weak to moderate calcite			m		150.82	153.82	3.00	H246188	150.88	153.92	3.04	3.05	100%	2.71	95%	0.36
									variable magnetic phyrotte with calcite veins & diss					153.82	156.82	3.00	H246189	153.92	156.97	3.05	3.04	100%	2.10	89%	-0.04
									~2% diss over 10 cm					156.82	159.82	3.00	H246190	156.97	160.02	3.05	3.03	100%	1.82	69%	0.57
									139.82 light grey, phyrotite with calcite			w		159.82	162.41	2.59	H246191	160.02	163.07	3.05	2.67	99%	1.55	60%	2.26
Fo	60	142.46							increased magnetics mag+po to 148.70			w	m	162.41	163.97	1.56	H246192	163.07	166.12	3.05	3.05	88%	3.03	51%	1.38
Fo	45	148.70							grey folliatied talc sulphide, non magnetic					163.97	165.91	1.94	H246193	166.12	169.16	3.04	3.05	100%	2.93	100%	2.56
									abrubt contact with magnetic					BLANK			H246194	169.16	172.21	3.05	2.97	100%	2.25	96%	19.6
									calcite veins parallel to bedding/folliations					165.91	168.91	3.00	H246195	172.21	175.26	3.05	3.03	97%	2.61	74%	2.84
Vn	55	149.65							calcite veins @55TCA with 5-10% bladed dark green crystal	t				168.91	171.91	3.00	H246196	175.26	178.31	3.05	3.05	99%	2.82	86%	13.6
									2-8mm long, often in fan like clusters, tremoline					171.91	174.91	3.00	H246197	178.31	181.36	3.05	2.95	100%	2.95	92%	10.8
		152.00							grey brwon with sucrosic textured calcite	t				STANDARD			H246198	181.36	184.40	3.04	2.49	97%	2.20	97%	3.09
									becoming more tan-brown to 154.00					174.91	177.91	3.00	H246199	184.40	187.45	3.05	3.05	82%	2.72	72%	1.75
Fo	55	155.25							light brown with pyrite in calcite veins x-cut folliation	w				177.91	180.39	2.48	H246200	187.45	190.89	3.44	2.08	89%	2.08	79%	4.77
Vn	25													180.39	182.30	1.91	H246201	190.89	192.02	1.13	2.73	184%	2.63	184%	1.79
		158.00							moderatie pyrite in grey TS	m				182.30	185.27	2.97	H246202	192.02	195.07	3.05	2.79	90%	2.79	86%	1.56
		163.07	163.25	0.18	FLT				Grey fault gouge and rubble main fault 163.20-163.25					185.27	188.27	3.00	H246203	195.07	198.12	3.05	2.07	91%	2.07	91%	1.44
		163.25	165.91	2.66	TS				light grey talc sulphide, weak dolomite	w				188.27	191.27	3.00	H246204	198.12	199.64	1.52	3.05	136%	2.63	136%	2.88
Fx	40								with disseminated pyrite and fracture fillings					191.27	194.27	3.00	H246205	199.64	202.69	3.05	2.85	100%	2.59	86%	1.25
Fo	55	163.98							dark grey finely folliated, strong pyrte along folliations	s				194.27	197.27	3.00	H246206	202.69	205.74	3.05	3.05	93%	2.96	85%	0.32
									with calcite (pyrite replacing calcite)					197.27	200.27	3.00	H246207	205.74	208.79	3.05	3.10	100%	3.10	97%	0.25
		165.91	235.65	69.74	MZ				main mineralized zone	s				200.27	203.27	3.00	H246208	208.79	211.84	3.05	3.06	102%	3.06	102%	0.33
									breccia texture to 169.25 with dolomite alteration					203.27	206.27	3.00	H246209	211.84	214.88	3.04	3.05	101%	2.69	101%	0.2
									169.25-170.25 dolomite with pyrite	I				206.27	209.27	3.00	H246210	214.88	217.93	3.05	3.05	100%	2.85	88%	0.41
Fo	70	170.25							Grey-white dolomite with pyrite and phyrotite	s		w		209.27	212.27	3.00	H246211	217.93	220.98	3.05	3.04	100%	2.16	93%	0.4
Vn	20								172.36 grey dolomitized with calcite veins	w		m		BLANK			H246212	220.98	224.03	3.05	3.03	100%	1.75	71%	0.21
									174.86-177.55 ~1% po with local py	w		w		212.27	215.27	3.00	H246213	224.03	227.08	3.05	3.07	99%	1.34	57%	0.24
Fo	60								177.55 weakly folliated	w	t	w		215.27	218.27	3.00	H246214	227.08	230.12	3.04	2.98	101%	2.86	44%	0.24
									start of Arsenopyrite, increasing with depth					218.27	221.27	3.00	H246215	230.12	233.17	3.05	3.02	98%	2.75	94%	0.18
									178.31	w	w	w		221.27	224.27	3.00	H246216	233.17	236.22	3.05	3.10	99%	3.05	90%	0.75
									180.50 dolomite crystals	s	s	w		224.27	227.08	2.81	H246217	236.22	239.27	3.05	3.05	102%	2.22	100%	161
									181.3	m	m	w		227.08	229.92	2.84	H246218	239.27	242.32	3.05	2.92	100%	2.86	73%	161
									191.70 – talc crystals on fractures	w	w	t		229.92	232.65	2.73	H246219	242.32	245.36	3.04	3.05	96%	2.87	94%	0.42
Fo	55	192.02							sulphides on folliation planes, less talc on fractures	m	m	t		232.65	235.65	3.00	H246220	245.36	248.41	3.05	2.85	100%	2.80	94%	0.57
Fo	60	203.70							5 cm fracture zone with strong talc on surface	m	m	t		235.65	237.65	2.00	H246221	248.41	251.46	3.05	3.07	93%	2.73	92%	0.81
		211.84								m	w	t		237.65	240.08	2.43	H246222	251.46	254.51	3.05	3.05	101%	2.88	90%	0.73
Fo	45	214.88							Gougy 1 cm zone	m	w	t		STANDARD			H246223	254.51	257.56	3.05	1.54	100%	0.93	94%	0.22
		220.64							fractures containing talc	m	w	t		240.08	242.32	2.24	H246224	257.56	259.08	1.52	3.10	101%	2.63	61%	0.26
		225.00							more oxidized, limonite, locally strong pyrite	m	t							259.08	262.13	3.05	2.86	102%	2.80	86%	0.38
		230.00								m	w							262.13	265.18	3.05	3.05	94%	2.91	92%	0.44
		235.65	240.08	4.43	Mar				grey to white marble with dissemninated magnetite	w			w					265.18	268.22	3.04	1.60	100%	1.51	96%	0.69
Fo	50	240.08	243.96	3.88	VOL				finely laminated volcanics with strong diss. Mag				s					268.22	269.75	1.53	3.20	105%	3.10	99%	0.91
									patchy calcite “blebs” <5mm + trace tremolite									269.75	272.80	3.05	2.97	105%	2.84	102%	0.27

PROPERTY: Rau **HOLE: Rau-08-11**

Struct.		LITHOLOGY								MINERALS				SAMPLES				Blocks			GEOTECHNICAL				
									Count = Country; MZ= Mineralized Zone; TS=Talc Sulphide												REC		RQD		
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	Pyrite	Arsenopyrite	Pyrrhotite	Magnetite	From (m)	To (m)	Interval (m)	Sample	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent	Mag. Susceptibility
		243.96	278.89	34.93	Mar				mixed calcite and marble with brown grey volcaniclastic									272.80	275.84	3.04	2.92	98%	2.79	93%	0.48
									sucrosic texture									275.84	278.89	3.05	missing interval in records				
									Locally <10 cm banded volcaniclastic sections																
Fo	55	255.00																							
Fo	55	269.00																							
		278.89							**END OF HOLE**																

RAU PROJECT

PROPERTY: RAU

HOLE: Rau-08-12

Easting	Northing	Elev.	Depth (m)
528628	7119153	1339	274.32

Contractor: Superior Diamond Drilling
Drill:

SURVEY							
Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	050°	-84°	compass				
274.01	050°	-85°	icefield				

Core size: BTW
Casing depth: 3.04 (m) out

Drilling dates:

Logged by: M.R.Dumala

Target: downdip extension of mineralized horizon

SUMMARY				
From (m)	To (m)	Interval	Unit	Coments
0.00	36.58	36.58	LST	
36.58	78.26	41.68	VOL	
78.26	108.00	29.74	LST	
108.00	199.63	91.63	DOL	
199.63	216.43	16.80	VOL-A	altered volcaniclastic
216.43	274.32	57.89	LST	

SAMPLES	
Numbers:	H246225-H246249
	H246693-H246709
Total:	42
Date sent:	

COMMENTS

PROPERTY: RAU **HOLE:** RAU-08-12

Struct.		LITHOLOGY								MINERALS				SAMPLES				Blocks			GEOTECHNICAL				
																					REC		RQD		
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	Pyrite	Arsenopyrite	Phyrotite	Magnetite	From (m)	To (m)	Interval (m)	Sample	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent	Magnetic Susceptibility
		0.00	51.70	51.70	LST				grey limestone									0.00	4.57	4.57	1.82	40	1.18	26	0.04
FO	40								wavy folliation									4.57	7.62	3.05	2.93	96	2.55	84	0.11
		36.58	***78.26***		***VOL***				***Volcaniclastic Unit***					36.58	39.62	3.04	H246693								
FO	20	9.50							white folliated limestone	t				39.62	42.72	3.10	H246694	7.62	10.67	3.05	3.02	99	2.69	88	0.04
		12.19							grey folliated limestone	t				42.72	45.72	3.00	H246695	10.67	12.19	1.52	1.51	99	1.51	99	0.03
FO	40	18.29												45.72	48.72	3.00	H246696	12.19	15.24	3.05	3.05	100	2.77	91	0.04
VN	45	21.50							31 cm QZ vein, brecciated contacts	t				48.72	51.72	3.00	H246697	15.24	18.29	3.05	2.96	97	2.66	87	0.01
		29.52							grey to light grey LST “swirly” texture with trace fossils					51.72	54.72	3.00	H246698	18.29	21.34	3.05	3.10	102	2.08	68	0.00
FO	25	36.58							limonite altered pyrite zone, poor recover	I				54.72	57.72	3.00	H246699	21.34	24.38	3.04	3.05	100	2.86	94	0.02
		40.76							grey LST with locally strong pyrite bands up to 10 cm	m				BLANK			H246700	24.38	27.43	3.05	3.10	102	2.88	94	0.04
									Upper 75 cm dolomite grading to LST					57.72	60.72	3.00	H246701	27.43	30.48	3.05	3.02	99	2.26	74	0.00
									Lower contact becoming forest green with moderate pyrite					60.72	63.72	3.00	H246702	30.48	33.53	3.05	2.94	96	2.60	85	0.01
FO	40	48.48							dark green-grey Lst with weak shear like folliation	w				63.72	66.49	2.77	H246703	33.53	36.58	3.05	3.10	102	2.63	86	0.10
									pyrite forming along folliations and with blebby calcite					66.49	68.49	2.00	H246704	36.58	39.62	3.04	1.25	41	0.29	10	0.00
									folliation appears plasticly deformed, no sign of rotation					68.49	70.26	1.77	H246705	39.62	42.67	3.05	2.82	92	2.08	68	3.64
		51.70	55.87	4.17	DOL				Tan-grey dolomite with local LST patches	w				70.26	73.26	3.00	H246706	42.67	45.72	3.05	3.02	99	2.61	86	0.16
FO	25								moderate to strong “shear like” folliation					73.26	75.26	2.00	H246707	45.72	48.77	3.05	3.05	100	2.69	88	9.06
									more compitant grey dolomite					75.26	78.26	3.00	H246708	48.77	51.82	3.05	3.04	100	2.84	93	2.20
									pyrite disseminated in 30-50 cm bands of fine grain DOL					78.26	80.26	2.00	H246709	51.82	54.86	3.04	3.05	100	2.71	89	2.64
		55.87	67.15	11.28	LST				Tan-green strongly folliated LST, shear like folliation	w								54.86	57.91	3.05	3.05	100	2.65	87	0.56
									abundant carbonates in breccia matrix									57.91	60.96	3.05	3.05	100	2.95	97	0.06
CN	35								strong brecciation at lower contact									60.96	64.01	3.05	2.99	98	2.85	93	0.04
		67.15	71.37	4.22	DOL				greenish tan strongly deformed dolomite “shear like”	t								64.01	67.06	3.05	2.97	97	2.49	82	0.06
									Matrix – pale green “plastic” dolomite									67.06	70.10	3.04	3.05	100	2.77	91	0.04
									with clasts of calcite <1 cm									70.10	73.15	3.05	3.05	100	3.05	100	0.03
									gradational contact									73.15	76.20	3.05	3.00	98	3.00	98	0.04
		71.37	78.88	7.51	LST				sucrosic tan-brown limestone with moderate pyrite	m								76.20	79.25	3.05	3.03	99	2.86	94	0.04
		72.51							abrupt contact	w								79.25	82.30	3.05	3.07	101	2.59	85	0.03
CN		78.88	108.00	29.12	LST		BX		limestone fluid breccia	w								82.30	88.39	6.09	2.96	49	2.28	37	0.02
									calcite matrix with limestone clasts becoming more									88.39	89.92	1.53	1.54	101	0.84	55	0.02
									dolomitized after 80.00									89.92	92.96	3.04	2.74	90	1.33	44	0.02
FO	30	92.62								t								92.96	96.01	3.05	2.69	88	0.23	8	0.04
									very broken and rubly between 95.00 and 97.00									96.01	97.54	1.53	1.54	101	1.00	65	0.03
		108.00	199.63	91.63	DOL		BX		dolomite fluid breccia	t								97.54	100.58	3.04	3.05	100	1.44	47	0.04
																		100.58	103.63	3.05	2.97	97	1.72	56	0.02
																		103.63	106.68	3.05	3.05	100	2.34	77	0.05
																		106.68	109.73	3.05	3.05	100	2.29	75	0.03
																		109.73	112.78	3.05	3.02	99	2.95	97	0.02
																		112.78	115.82	3.04	2.95	97	1.59	52	-0.02
																		115.82	118.87	3.05	2.01	66	0.47	15	0.04
FO	35	116.00																118.87	121.92	3.05	2.97	97	2.17	71	0.00
FX	50	124.00							calcite in fractures									121.92	124.97	3.05	3.00	98	2.22	73	0.02
VN	10	124.75							Massive 1-2 cm pyrite crystals in calcite vein	m								124.97	128.02	3.05	3.00	98	2.07	68	0.00
																		128.02	131.06	3.04	2.80	92	1.42	47	0.00
										t								131.06	131.98	0.92	1.30	141	0.64	70	-0.03
																		131.98	134.11	2.13	1.88	88	0.95	45	-0.07
																		134.11	136.25	2.14	2.59	121	1.83	86	0.07
FO	50	137.00							dolomite fluid breccia with weak folliation									136.25	138.68	2.43	1.98	81	0.98	40	0.02
																		138.68	141.12	2.44	2.38	98	1.91	78	0.01
																		141.12	143.26	2.14	2.16	101	1.61	75	0.00

PROPERTY: RAU **HOLE:** RAU-08-12

Struct.		LITHOLOGY								MINERALS				SAMPLES				Blocks			GEOTECHNICAL				
																					REC		RQD		
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	Pyrite	Arsenopyrite	Phyrotite	Magnetite	From (m)	To (m)	Interval (m)	Sample	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent	Magnetic Susceptibility
																		143.26	144.78	1.52	1.54	101	0.59	39	0.03
																		144.78	147.83	3.05	2.98	98	2.10	69	0.06
FO	40	147.83							weak folliation									147.83	149.35	1.52	1.80	118	0.65	43	0.03
																		149.35	152.40	3.05	2.65	87	0.96	31	0.02
																		152.40	155.45	3.05	3.05	100	1.73	57	0.06
		155.25							increased pyrite along fractures, locally 1% over 10 cm	w								155.45	158.50	3.05	3.02	99	2.65	87	0.10
VN	60	156.40							21 cm vuggy pink dolomite vein with pyrite at contacts	m								158.50	161.54	3.04	3.05	100	2.60	86	0.05
									1-2 cm massive py, strong wavey folliation at upper contact									161.54	164.59	3.05	2.88	94	1.69	55	0.03
									weakly folliated dolomite fluid breccia below									164.59	167.64	3.05	2.93	96	2.32	76	-0.02
VN	80	164.00							narrow white dolomite veins									167.64	170.69	3.05	3.10	102	2.62	86	0.01
VN	20								multiple orrientations									170.69	173.74	3.05	3.05	100	2.60	85	0.02
FX	45	175.00							dark grey fluid breccia with crackle texture									173.74	176.79	3.05	3.10	102	2.76	90	0.01
		185.62							yellowish white sucrosic coarse crystaline dolomite	w			m					176.79	179.83	3.04	3.06	101	1.83	60	-0.03
									with magnetite and minor disseminated pyrite									179.83	182.88	3.05	3.00	98	2.67	88	0.00
																		182.88	185.93	3.05	3.05	100	2.32	76	0.86
																		185.93	188.98	3.05	2.80	92	2.28	75	2.24
		187.76							grey fluid breccia as before	t								188.98	192.02	3.04	3.00	99	2.93	96	0.02
CN	25								abrupt contact					193.63	196.63	3.00	H246225	192.02	195.07	3.05	3.10	102	3.05	100	-0.04
FO	30	199.63	250.70	51.07	TS				Grey-brown weakly folliated talc sulphide	w		t		196.63	199.63	3.00	H246226	195.07	198.12	3.05	3.05	100	3.05	100	0.01
VN	55								with calcite veins <0.5 cm to 1 cm, py+po with calcite					199.63	202.63	3.00	H246227	198.12	201.17	3.05	3.10	102	3.05	100	0.38
VN	55	209.20							1.5 cm calcite vein with po in brownish, fine grain TS	w		t		202.63	205.63	3.00	H246228	201.17	202.69	1.52	1.57	103	1.57	103	0.92
		210.50							dark forest green needly crystals (tremolite)					205.63	208.63	3.00	H246229	202.69	205.74	3.05	3.05	100	2.90	95	0.78
														208.63	211.63	3.00	H246230	205.74	208.79	3.05	3.05	100	2.92	96	5.05
														211.63	214.63	3.00	H246231	208.79	211.84	3.05	3.02	99	2.63	86	0.66
														214.63	216.43	1.80	H246232	211.84	214.88	3.04	3.04	100	2.86	94	0.66
														216.43	219.43	3.00	H246233	214.88	217.93	3.05	2.96	97	2.56	84	1.23
FO	25	216.43							light grey to white talc sulphide becoming finely laminated					219.43	220.75	1.32	H246234	217.93	220.98	3.05	3.10	102	2.44	80	-0.05
														220.75	223.75	3.00	H246235	220.98	224.03	3.05	3.04	100	2.91	95	0.09
VN	35	219.64							52 cm calcite vein					BLANK			H246236	224.03	227.08	3.05	3.03	99	3.03	99	-0.02
		220.50							calcite veins with well formed crystals with red oxide coating					223.75	226.75	3.00	H246237	227.08	230.12	3.04	3.05	100	3.05	100	-0.04
FO	10								grey strongly folliated “toothpaste” talc sulphide	t				226.75	229.75	3.00	H246238	230.12	233.17	3.05	3.05	100	3.05	100	0.37
									containing strong calcite					STANDARD			H246239	233.17	236.22	3.05	3.05	100	3.05	100	0.63
FO	10	233.29							grey strongly folliated talc sulphide, less chaotic than above	w				229.75	232.75	3.00	H246240	236.22	239.27	3.05	3.01	99	3.01	99	0.33
														232.75	235.75	3.00	H246241	239.27	242.32	3.05	3.05	100	3.05	100	0.52
														235.75	238.75	3.00	H246242	242.32	245.36	3.04	3.05	100	3.05	100	1.33
														238.75	241.75	3.00	H246243	245.36	251.46	6.10	5.94	97	5.54	91	1.31
		250.70	274.32	23.62	LST				grey semi massive to finely folliated limestone	t				241.75	244.75	3.00	H246244	251.46	256.03	4.57	4.40	96	4.17	91	0.06
		253.40							grey brecciated limestone	t				244.75	247.75	3.00	H246245	256.03	259.08	3.05	3.10	102	2.87	94	0.10
FO	30	262.52												247.75	250.70	2.95	H246246	259.08	262.13	3.05	3.05	100	2.58	85	0.07
														250.70	253.40	2.70	H246247	262.13	264.26	2.13	2.70	127	2.21	104	-0.07
VT	25	272.50							veinlets containing pyrite, core becoming more massive	t				253.40	256.40	3.00	H246248	264.26	266.70	2.44	1.97	81	1.80	74	-0.01
									less folliated	t				256.40	259.40	3.00	H246249	266.70	269.75	3.05	2.70	89	2.32	76	0.04
																		269.75	272.80	3.05	2.95	97	2.89	95	0.09
		274.32			EOH													272.80	274.32	1.52	1.87	123	1.73	114	0.04

RAU PROJECT

PROPERTY: RAU

HOLE: Rau-08-13

Easting	Northing	Elev.	Depth (m)
528743	7118863	1393	222.81

Contractor: Superior Diamond Drilling
Drill:

Core size: BTW
Casing depth: 3.04 (m) out

Drilling dates:

Logged by: M.R.Dumala

Target: strike extension of mineralized zone

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	230°	-60°	compass				

SUMMARY

From (m)	To (m)	Interval	Unit	Coments
0.00	24.38	24.38	OVB	
24.38	34.23	9.85	VOL	
34.23	36.45	2.22	VOL-A	altered volcaniclastic
36.45	148.80	112.35	DOL	
148.80	152.13	3.33	QV	
152.13	184.30	32.17	DOL	
184.30	186.35	2.05	QV	
186.35	192.40	6.05	DOL	
192.40	195.15	2.75	QV	
195.15	197.58	2.43	DOL	
197.58	202.17	4.59	QV	
202.17	222.81	20.64	DOL	

SAMPLES

Numbers: H246261-H246300
H246551-H246564
Total: 54
Date sent:

COMMENTS

did not extend deep enough to intersect discovery horizon

PROPERTY: RAU **HOLE:** RAU-08-13

Struct.		LITHOLOGY								MINERALS				SAMPLES				Blocks			GEOTECHNICAL				
																					REC		RQD		
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	Pyrite	Arsenopyrite	Phyrotite	Magnetite	From (m)	To (m)	Interval (m)	Sample	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent	Infilling
		0.00	24.38	24.38	OVB				heavily oxidized and rubly, brecciated LST and DOL									0.00	6.10	6.10	0.70	11	0.00	0	
																		6.10	9.14	3.04	2.20	72	0.51	17	
																		9.14	12.19	3.05	2.16	71	0.22	7	
																		12.19	15.24	3.05	2.08	68	0.00	0	
																		15.24	16.15	0.91	0.48	53	0.17	19	
																		16.15	18.29	2.14	0.47	22	0.20	9	
																		18.29	19.89	1.60	1.38	86	0.70	44	
																		19.89	24.38	4.49	1.57	35	0.58	13	
		24.38	34.23	9.85	VOL				volcaniclastic	t								24.38	27.43	3.05	0.70	23	0.00	0	
FO	60	29.25							calcite veins parallel to folliation									27.43	28.96	1.53	1.20	78	0.15	10	
									increased mag sus									28.96	30.48	1.52	2.64	174	1.67	110	1.36
									gradational contacts					31.23	34.23	3.00	H246261	30.48	33.53	3.05	2.55	84	2.14	70	0.78
FO	55	34.23	36.45	2.22	LST				strongly sericite altered LST with moderate pyrite	m				34.23	36.45	2.22	H246262	33.53	35.05	1.52	1.74	114	1.69	111	1.93
									minor dolomite					36.45	38.50	2.05	H246263	35.05	38.10	3.05	3.25	107	2.44	80	0.34
		36.45	148.50	112.05	DOL				dolomite fluid breccia with limonite stains on fractures					38.50	41.50	3.00	H246264	38.10	41.15	3.05	3.00	98	2.82	92	0.00
		38.50							no alteration, crackle to brecciated textures	w								41.15	44.20	3.05	2.85	93	2.23	73	0.04
									patchy pyrite on folliation, trace scheelite?									44.20	47.24	3.04	3.05	100	2.34	77	0.38
		43.00							stronger pyrite over 30 cm, crackle texture	m								47.24	50.29	3.05	2.93	96	2.12	70	-0.05
									altered/oxidized interval 44.50 to 47.00									50.29	53.34	3.05	2.98	98	2.18	71	-0.01
		47.50							increased brecciation									53.34	56.39	3.05	2.60	85	2.01	66	0.00
									oxidizeed interval between 53.50 and 55.00 with two									56.39	59.44	3.05	3.05	100	2.98	98	0.47
									7 cm gougy zones									59.44	62.48	3.04	3.05	100	2.08	68	3.96
FX	85	58.75							pyrite in fractures and disseminations	t								62.48	65.53	3.05	3.01	99	2.84	93	-0.02
VN	30	60.55							60 cm qz vein with po+py	l		s						65.53	67.08	1.55	1.46	94	1.16	75	-0.01
									bleaching/alteration around vein									67.08	70.10	3.02	3.05	101	2.97	98	-0.02
VN	55	61.20							occasional calcite veins <2 mm	t								70.10	73.15	3.05	3.20	105	2.97	97	-0.04
		66.60							10 cm patch of pyrite sand/rubble	m								73.15	76.20	3.05	3.25	107	3.05	100	0.00
									slightly altered nearby									76.20	79.25	3.05	2.78	91	2.52	83	-0.01
		78.30							pyrite increasing	w				78.26	81.26	3.00	H246265	79.25	82.30	3.05	2.93	96	2.69	88	0.01
		84.20							micritic texture					81.26	84.26	3.00	H246266	82.30	83.82	1.52	1.43	94	1.29	85	0.03
		85.07							24 cm massive py+po	l		s		84.26	87.26	3.00	H246267	83.82	86.87	3.05	2.95	97	2.65	87	4.30
									minor talc on fractures					87.26	90.26	3.00	H246268	86.87	89.92	3.05	3.05	100	2.87	94	1.20
FO	40	91.00							folliated dolostone patches within breccia	w				90.26	93.26	3.00	H246269	89.92	92.96	3.04	2.84	93	2.43	80	0.08
														93.26	95.50	2.24	H246270	92.96	94.49	1.53	1.66	108	1.58	103	0.05
		95.50							1.55 m strongly altered					95.50	97.05	1.55	H246271	94.49	97.54	3.05	2.95	97	2.03	67	1.85
														BLANK			H246272	97.54	100.58	3.04	3.05	100	2.73	90	0.03
		97.05							more micritic texture, minor talc on fractures					97.05	100.05	3.00	H246273	100.58	103.63	3.05	3.03	99	2.34	77	0.11
														100.05	103.05	3.00	H246274	103.63	106.68	3.05	3.10	102	2.28	75	0.07
		103.91							75 cm strong pyrite	s				103.05	106.05	3.00	H246275	106.68	109.73	3.05	2.78	91	2.68	88	-0.02
FX	50								pyrite along fractures and disseminations near fractures					STANDARD			H246276	109.73	111.86	2.13	2.22	104	2.09	98	0.02
														106.05	109.05	3.00	H246277	111.86	114.30	2.44	2.54	104	2.16	89	-0.03
														109.05	112.05	3.00	H246278	114.30	117.35	3.05	3.04	100	2.51	82	-0.06
		112.33							pyrite concentrated around fractures	t				112.05	115.05	3.00	H246279	117.35	120.40	3.05	3.07	101	2.86	94	-0.04
														115.05	118.05	3.00	H246280	120.40	123.44	3.04	2.90	95	1.63	54	0.00
														118.05	121.05	3.00	H246281	123.44	126.49	3.05	3.05	100	3.00	98	0.02
FO	25	123.75							pyrite strong over 5 cm, with coarse doalomite crystals	m				121.05	124.05	3.00	H246282	126.49	129.54	3.05	3.05	100	2.50	82	-0.02
														124.05	127.05	3.00	H246283	129.54	131.06	1.52	1.54	101	0.54	36	0.07
		129.54							intense to strong pyrite to 132.54 with dolomite	s				127.05	129.54	2.49	H246284	131.06	135.64	4.58	4.45	97	3.05	67	0.01
									stronger dolomite over 10cm around contacts					129.54	132.54	3.00	H246285	135.64	138.68	3.04	2.98	98	1.50	49	-0.03
									intense brecciation below pyrite vein, red glassy crystals on	m				132.54	135.54	3.00	H246286	138.68	142.65	3.97	2.87	72	1.81	46	0.03
									fractures, rombs					135.54	138.54	3.00	H246287	142.65	144.78	2.13	1.57	74	0.77	36	0.50

PROPERTY: RAU **HOLE:** RAU-08-13

Struct.		LITHOLOGY								MINERALS				SAMPLES				Blocks			GEOTECHNICAL				
																					REC		RQD		
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	Pyrite	Arsenopyrite	Phyrotite	Magnetite	From (m)	To (m)	Interval (m)	Sample	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent	Infilling
		138.00							less brecciation and pyrite	t				138.54	141.54	3.00	H246288	144.78	147.72	2.94	2.58	88	1.68	57	0.03
		144.78							talc vein ~2 cm near vuggy altered pyrite over 5 cm	w				141.54	144.54	3.00	H246289	147.72	148.35	0.63	1.94	308	1.47	233	1.09
									fluid breccia altered for 30 cm above VN					144.54	147.54	3.00	H246290	148.35	150.88	2.53	1.62	64	1.25	49	13.80
		148.80	152.13	3.33	QV				quartz vein with moderate pyrite +/-po+/- ma	m		w	t	BLANK			H246291	150.88	153.92	3.04	2.82	93	2.53	83	0.18
														147.54	149.13	1.59	H246292	153.92	155.45	1.53	1.53	100	1.39	91	0.03
														149.13	152.13	3.00	H246293	155.45	158.50	3.05	3.10	102	2.82	92	0.08
		152.13	184.30	32.17	DOL				dolomite fluid breccia with pyrite	w				152.13	155.13	3.00	H246294	158.50	161.54	3.04	3.15	104	2.92	96	0.06
VN	60								calcite veins < 1 cm 5-10 per metre					155.13	158.13	3.00	H246295	161.54	164.59	3.05	3.05	100	2.91	95	0.00
									core becoming magnetic due to phyrotite	m		w		158.13	161.13	3.00	H246296	164.59	167.64	3.05	3.02	99	2.76	90	0.00
									increased quartz					STANDARD			H246297	167.64	170.69	3.05	3.10	102	3.02	99	0.02
														161.13	164.13	3.00	H246298	170.69	173.74	3.05	3.00	98	2.83	93	0.04
														164.13	167.13	3.00	H246299	173.74	176.72	2.98	3.20	107	3.02	101	0.00
														167.13	170.13	3.00	H246300	176.72	181.36	4.64	4.43	95	4.36	94	0.01
														170.13	173.13	3.00	H246551	181.36	184.40	3.04	3.02	99	2.54	84	26.60
		184.30	186.35	2.05	QV				quartz vein with moderate pyrite +/-po + dolomite	w		m		173.13	176.13	3.00	H246552	184.40	185.93	1.53	1.43	93	1.12	73	10.40
VN	50	186.35	192.40	6.05	DOL				fluid breccia as before, py+po with veining	m				176.13	179.13	3.00	H246553	185.93	188.98	3.05	3.10	102	2.95	97	0.14
		192.40	195.15	2.75	QV				quartz vein with phrotite and pyrite on contacts					179.13	182.13	3.00	H246554	188.98	192.02	3.04	3.05	100	2.75	90	0.08
		195.15	197.58	2.43	DOL									182.13	184.30	2.17	H246555	192.02	195.07	3.05	2.98	98	2.98	98	9.78
		197.58	202.17	4.59	QV				quartz vein with phyrotite and pyrite, locally massive <1 cm	m		s		184.30	187.20	2.90	H246556	195.07	198.12	3.05	3.05	100	2.82	92	0.78
		202.17	222.81	20.64	DOL				Dolomite fluid breccia, no quarttz					187.20	190.20	3.00	H246557	198.12	201.17	3.05	3.03	99	2.19	72	2.99
									strongly brecciated between 205 and 208					190.20	192.30	2.10	H246558	201.17	204.22	3.05	3.15	103	2.40	79	11.50
									204.90 to 206.00 strongly altered/bleached					192.30	195.30	3.00	H246559	204.22	206.65	2.43	2.54	105	2.20	91	0.04
														195.30	197.58	2.28	H246560	206.65	208.79	2.14	1.77	83	1.45	68	0.05
														197.58	201.17	3.59	H246561	208.79	210.92	2.13	2.31	108	1.91	90	0.04
														201.17	202.17	1.00	H246562	210.92	212.45	1.53	1.59	104	1.20	78	0.07
		210.92							less brecciation					202.17	204.17	2.00	H246563	212.45	219.88	7.43	2.19	29	1.96	26	-0.01
		213.26							crackle texture					204.17	207.17	3.00	H246564	219.88	216.71	-3.17	1.72	-54	0.64	-20	0.02
		216.50							30 cm zone of strong brecciation									216.71	218.50	1.79	1.81	101	1.28	72	-0.01
																		218.50	220.07	1.57	1.38	88	1.02	65	0.00
																		220.07	221.89	1.82	1.49	82	1.04	57	-0.02
		222.81			EOH				END OF HOLE									221.89	222.81	0.92	0.93	101	0.30	33	0.00

RAU PROJECT

PROPERTY: RAU

HOLE: Rau-08-14

Easting	Northing	Elev.	Depth (m)
528358	7118951	1238	164.59

Contractor: Superior Diamond Drilling
Drill:

Core size: BTW
Casing depth: (m) out

Drilling dates:

Logged by: M.R.Dumala

Target: south limb of fold

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	050°	-50°	compass				
149.05	050°	-47°	icefield				

SUMMARY

From (m)	To (m)	Interval	Unit	Coments
0.00	3.05	3.05	OVB	
3.05	19.57	16.52	VOL	
19.57	24.07	4.50	MAR	
24.07	45.24	21.17	LST	
45.24	113.60	68.36	MAR	
113.60	164.59	50.99	LST	

SAMPLES

Numbers: H246565-H246584

Total: 20
Date sent:

COMMENTS

PROPERTY: RAU **HOLE:** RAU-08-14

Struct.		LITHOLOGY								MINERALS				SAMPLES				Blocks			GEOTECHNICAL				
																					REC		RQD		
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	Pyrite	Phyrotite	Scheelite	Magnetite	From (m)	To (m)	Interval (m)	Sample	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent	Magnetic Susceptibility
		0.00	3.05	3.05	OV B				rubble, marble and skarn from below									0.00	3.05	3.05	1.02	33	0.13	4	
		3.05	19.57	16.52	VOL				green fine grain volcaniclastic					3.05	6.05	3.00	H246565	3.05	4.57	1.52	1.44	95	0.63	41	0.80
									calcite amagdules and veinlets					6.05	9.05	3.00	H246566	4.57	6.10	1.53	1.33	87	0.93	61	0.60
FO	50	6.10							relic bedding					9.05	12.05	3.00	H246567	6.10	7.62	1.52	1.49	98	1.17	77	3.52
									7.50-8.00 magnetic				m	12.05	15.05	3.00	H246568	7.62	9.14	1.52	1.34	88	0.60	39	22.90
														15.05	17.57	2.52	H246569	9.14	10.67	1.53	1.47	96	1.15	75	0.53
														17.57	19.57	2.00	H246570	10.67	12.19	1.52	1.39	91	1.27	84	0.55
														BLANK			H246571	12.19	14.63	2.44	1.78	73	1.38	57	0.44
																		14.63	16.15	1.52	1.43	94	1.43	94	0.44
																		16.15	18.29	2.14	2.40	112	2.26	106	0.63
																		18.29	21.34	3.05	2.41	79	1.82	60	7.40
		19.57	24.07	4.50	Mar				Grey-white foliated marble, upper contact magnetic to 20.10		w		s	19.57	21.57	2.00	H246572	21.34	23.47	2.13	2.54	119	2.07	97	0.04
FO	45	20.10									t			21.57	24.07	2.50	H246573	23.47	25.91	2.44	2.00	82	1.66	68	0.98
		24.07	45.24	21.17	LST				Grey-brown limestone with Po+/-Sc		w	t		24.07	27.07	3.00	H246574	25.91	28.96	3.05	3.05	100	2.92	96	0.47
									moderate folliation					27.07	30.07	3.00	H246575	28.96	31.39	2.43	2.67	110	1.91	79	0.55
									becoming more grey with depth					30.07	33.07	3.00	H246576	31.39	33.53	2.14	1.91	89	1.72	80	1.10
FO	50								Po disseminated and with calcite					STANDARD			H246577	33.53	35.66	2.13	2.37	111	2.17	102	1.98
									scheelite often with calcite <<0.5%					33.07	36.07	3.00	H246578	35.66	38.10	2.44	2.17	89	2.12	87	0.38
									LST partially recrystallized					36.07	39.07	3.00	H246579	38.10	41.15	3.05	3.02	99	2.88	94	0.19
														39.07	41.24	2.17	H246580	41.15	42.67	1.52	1.79	118	1.32	87	0.29
														41.24	43.24	2.00	H246581	42.67	45.72	3.05	2.74	90	2.29	75	0.45
FO	50	45.24	113.60	68.36	Mar				Marble with weak folliation, trace Scheelite near contact			t		43.24	45.24	2.00	H246582	45.72	48.77	3.05	3.06	100	2.59	85	0.06
														45.24	47.24	2.00	H246583	48.77	51.82	3.05	3.05	100	2.60	85	0.06
														47.24	50.24	3.00	H246584	51.82	54.86	3.04	3.05	100	2.73	90	-0.03
FO	70	51.65							17 cm band of red oxidation									54.86	57.91	3.05	3.05	100	2.98	98	0.19
		55.00							gradational change to greyish colour over 2 m									57.91	60.35	2.44	2.59	106	2.28	93	0.00
FO	50	62.48																60.35	62.48	2.13	2.02	95	1.93	91	0.10
FX	60								reddish colour near 62.50 with sevearal ~5 mm fractures									62.48	65.53	3.05	2.78	91	1.57	51	0.06
									containing oxides									65.53	67.06	1.53	1.49	97	0.64	42	0.00
									grdationally back to white after 69.00									67.06	68.58	1.52	1.33	88	0.31	20	0.06
																		68.58	70.10	1.52	1.42	93	0.94	62	-0.03
																		70.10	71.63	1.53	1.49	97	1.18	77	-0.02
																		71.63	74.68	3.05	3.04	100	2.83	93	0.02
		75.00							black and brown laminations in marble									74.68	77.72	3.04	3.10	102	3.10	102	0.08
																		77.72	80.77	3.05	3.02	99	2.80	92	0.29
FO	50																	80.77	83.82	3.05	3.05	100	2.91	95	0.11
																		83.82	86.87	3.05	3.05	100	3.05	100	0.13
																		86.87	89.92	3.05	3.06	100	2.77	91	0.03
																		89.92	92.96	3.04	3.05	100	3.00	99	0.01
																		92.96	96.01	3.05	3.05	100	2.98	98	0.04
																		96.01	99.06	3.05	3.05	100	2.97	97	0.00
																		99.06	101.50	2.44	2.15	88	1.97	81	-0.02
																		101.50	102.12	0.62	1.32	213	1.25	202	0.08
																		102.12	104.55	2.43	1.73	71	1.09	45	0.00
																		104.55	107.59	3.04	3.04	100	2.60	86	0.04
																		107.59	108.81	1.22	1.28	105	1.18	97	0.00
FO	45	108.50																108.81	111.25	2.44	2.39	98	2.21	91	0.05
		113.60	143.50	29.90	LST				Grey brecciated limestone with calcite matrix	t								111.25	114.30	3.05	3.05	100	2.99	98	0.04
FO	45								some sections of crackle breccia up to 50 cm wide									114.30	117.35	3.05	3.01	99	2.22	73	0.19
																		117.35	118.87	1.52	1.73	114	1.29	85	0.05
FO	30	119.00							pyrite along fractures with calcite	t								118.87	121.92	3.05	2.82	92	2.24	73	0.73

PROPERTY: RAU **HOLE:** RAU-08-14

Struct.		LITHOLOGY								MINERALS				SAMPLES				Blocks			GEOTECHNICAL				
																					REC		RQD		
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	Pyrite	Phyrotite	Scheelite	Magnetite	From (m)	To (m)	Interval (m)	Sample	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent	Magnetic Susceptibility
									partially recrystallized limestone									121.92	124.97	3.05	2.98	98	2.69	88	0.08
																		124.97	128.02	3.05	3.10	102	3.02	99	0.02
																		128.02	131.06	3.04	3.07	101	2.75	90	-0.01
																		131.06	132.59	1.53	1.36	89	1.21	79	0.13
																		132.59	135.64	3.05	3.06	100	2.48	81	0.24
FO	45	134.00																135.64	137.77	2.13	2.25	106	1.51	71	0.22
																		137.77	138.68	0.91	0.88	97	0.53	58	0.55
		139.00							Starting to contain spotted limestone beds, increasing									138.68	141.73	3.05	2.93	96	2.08	68	0.94
									with depth									141.73	144.77	3.04	2.49	82	1.68	55	0.65
		143.50	164.59	21.09	LST				Brown to grey spotted limestone	t								144.77	145.08	0.31	0.58	187	0.57	184	0.55
									minor pyirte seen in lenses and disseminated									145.08	147.83	2.75	3.02	110	2.94	107	0.37
									slightly higher magnetic sus									147.83	150.88	3.05	2.91	95	2.96	97	0.45
									weak to no folliation									150.88	153.92	3.04	3.04	100	2.80	92	0.35
FO	50	154.00								t								153.92	156.67	2.75	2.38	87	1.89	69	0.19
																		156.67	158.50	1.83	1.56	85	1.02	56	0.52
																		158.50	161.54	3.04	2.87	94	2.26	74	0.39
		164.59			EOH													161.54	164.59	3.05	3.15	103	2.53	83	0.33

RAU PROJECT

PROPERTY: RAU

HOLE: Rau-08-15

Easting	Northing	Elev.	Depth (m)
528764	7118799	1411	132.59

Contractor: Superior Diamond Drilling
Drill:

SURVEY							
Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	230°	-60°	compass				

Core size: BTW
Casing depth: 3.04 (m) out

Drilling dates:

Logged by: M.R.Dumala

Target: strike extension of mineralized horizons

SUMMARY				
From (m)	To (m)	Interval	Unit	Coments
0.00	6.60	6.60	OVB	
6.60	59.40	52.80	LST	
59.40	60.84	1.44	DOL	
60.84	66.42	5.58	LST	
66.42	68.75	2.33	MAR	
68.75	85.35	16.60	VOL	
85.35	89.48	4.13	VOL-A	altered volcaniclastic
89.48	137.50	48.02	DOL	

SAMPLES	
Numbers:	
Total:	
Date sent:	

COMMENTS
core barrel separated, hole lost

PROPERTY: RAU **HOLE:** RAU-08-15

Struct.		LITHOLOGY								MINERALS				SAMPLES				Blocks			GEOTECHNICAL				
																					REC		RQD		
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	Pyrite	Phyrotite	Chalcopyrite	Magnetite	From (m)	To (m)	Interval (m)	Sample	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent	Magnetic Susceptibility
		0.00	6.60	6.60	OVB				rubble consisting of limestone									0.00	3.66	3.66	0.10	3			
		6.60	59.40	52.80	LST				grey brecciated limestone, locally dolomitized									3.66	4.57	0.91	0.30	33			
									intense brecciation with little folliation									4.57	6.10	1.53	1.05	69	0.22	14	
																		6.10	6.71	0.61	0.52	85	0.10	16	
																		6.71	9.14	2.43	2.36	97	1.61	66	-0.03
																		9.14	11.28	2.14	1.97	92	1.15	54	0.04
																		11.28	13.72	2.44	2.33	95	1.70	70	0.05
																		13.72	15.85	2.13	1.74	82	1.21	57	0.00
VN	45	14.17							25 cm quartz vein with intense brecciation below									15.85	18.29	2.44	2.53	104	2.15	88	0.03
																		18.29	21.34	3.05	2.89	95	2.63	86	0.03
																		21.34	24.08	2.74	2.90	106	2.39	87	0.02
																		24.08	25.91	1.83	1.89	103	1.53	84	-0.01
																		25.91	28.96	3.05	3.05	100	2.54	83	0.02
																		28.96	32.00	3.04	2.93	96	2.59	85	0.04
FO	50	33.00							minor folliation									32.00	35.05	3.05	2.94	96	2.44	80	0.04
																		35.05	36.27	1.22	1.07	88	0.63	52	-0.01
															-			36.27	37.19	0.92	0.97	105	0.48	52	-0.14
																		37.19	39.62	2.43	2.36	97	2.18	90	0.00
FO	70	41.50							Increased folliation, with strong oxidiation									39.62	42.67	3.05	3.05	100	2.18	71	-0.07
																		42.67	45.72	3.05	3.10	102	1.90	62	0.02
		46.00							gradationally becoming brecciated									45.72	48.77	3.05	2.94	96	2.28	75	0.04
																		48.77	51.82	3.05	3.05	100	2.67	88	0.00
		52.25							massive texture									51.82	54.86	3.04	2.89	95	2.16	71	0.00
VN	65								calcite veining									54.86	57.00	2.14	2.49	116	1.79	84	0.00
		59.40	60.84	1.44	DOL				dolostone breccia	t								57.00	59.44	2.44	2.19	90	1.42	58	0.03
		60.84	66.42	5.58	LST				brecciated limeston									59.44	62.48	3.04	3.10	102	2.37	78	0.01
VN	80								strong calcite veins, crystalline and glassy appearance									62.48	65.53	3.05	2.94	96	1.90	62	0.00
									64.12 to 64.60									65.53	68.58	3.05	3.10	102	2.52	83	0.04
		66.42	68.75	2.33	Mar				Grey-white marble with gradational contacts	t								68.58	71.63	3.05	3.05	100	2.70	89	18.00
FO	60	68.75	85.35	16.60	VOL				Brown-grey-green volcaniclastic	t	w	t						71.63	74.07	2.44	2.35	96	1.71	70	0.80
									with po+ma near 69.80				w					74.07	76.20	2.13	2.19	103	2.02	95	33.50
FX	30	72.00							fracture with brassy mineral with pearly luster, concoidal									76.20	79.25	3.05	3.10	102	3.05	100	48.30
									fracture, rhombic crystals – pyrite/marcasite?									79.25	82.30	3.05	3.05	100	2.73	90	46.70
									occuring with glassy yellow-brown needles, striated									82.30	85.30	3.00	2.96	99	2.83	94	5.05
									fizz with acid (not vigorously) – witherite/wollastonite?									85.30	88.39	3.09	3.07	99	2.82	91	0.14
									Red mineral (hematite? Or arsinde) occuring with calcite									88.39	91.44	3.05	3.05	100	2.64	87	0.00
									disseminated chalcopyrite throughout skarn zone									91.44	94.49	3.05	3.05	100	2.11	69	0.04
FO	55	85.35	89.48	4.13	VOL				strongly sericite altered volcaniclastic	w	t							94.49	97.54	3.05	3.02	99	2.62	86	-0.03
									pyrite along folliation and in local masses									97.54	100.58	3.04	3.04	100	2.34	77	0.02
		89.48	137.50	48.02	DOL				brecciated dolostone									100.58	102.72	2.14	1.79	84	0.94	44	-0.03
FX	25	93.00							strongly oxidized fracture with pyrite+limonite+malachite	m								102.72	105.16	2.44	2.52	103	1.69	69	-0.02
									stong brecciation after 100.45, strong dolomitization									105.16	107.29	2.13	1.89	89	1.28	60	-0.04
																		107.29	109.73	2.44	2.56	105	1.93	79	0.01
																		109.73	112.47	2.74	2.53	92	2.53	92	-0.01
																		112.47	113.39	0.92	0.62	67	0.31	34	-0.02
																		113.39	115.82	2.43	2.78	114	2.55	105	-0.02
																		115.82	118.87	3.05	3.05	100	2.94	96	0.00
																		118.87	121.62	2.75	2.54	92	2.23	81	-0.01
VT	45								grey dolostone breccia with dolomite veinlets	t								121.62	123.44	1.82	1.94	107	1.32	73	0.03
									minor quartz and trace pyrite									123.44	126.49	3.05	3.00	98	2.65	87	-0.06
																		126.49	128.32	1.83	1.56	85	0.72	39	0.00

PROPERTY: RAU **HOLE:** RAU-08-15

Struct.		LITHOLOGY								MINERALS				SAMPLES				Blocks			GEOTECHNICAL				
																					REC		RQD		
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	Pyrite	Phyrotite	Chalcopyrite	Magnetite	From (m)	To (m)	Interval (m)	Sample	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent	Magnetic Susceptibility
																		128.32	131.06	2.74	2.75	100	2.49	91	0.06
																		131.06	134.11	3.05	3.05	100	2.89	95	0.00
																		134.11	135.94	1.83	1.83	100	1.40	77	0.02
																		135.94	137.16	1.22	1.34	110	0.87	71	0.00
		137.50			EOH													137.16	137.50	0.34	0.00	0	0.00	0	

RAU PROJECT

PROPERTY: RAU

HOLE: Rau-08-15B

Easting	Northing	Elev.	Depth (m)
528764	7118799	1411	227.08

Contractor: Superior Diamond Drilling
Drill:

Core size: BTW
Casing depth: 3.04 (m) out

Drilling dates:

Logged by: M.R.Dumala

Target: strike extension of mineralized horizons

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	230°	-55°	compass				
225.25	230°	-47°	icefield				

SUMMARY

From (m)	To (m)	Interval	Unit	Coments
0.00	4.27	4.27	OVB	
4.27	70.44	66.17	LST	
70.44	75.64	5.20	VOL-A	altered volcaniclastic
75.64	87.48	11.84	VOL	
87.48	91.76	4.28	VOL-A	altered volcaniclastic
91.76	96.01	4.25	LST	
96.01	227.08	131.07	DOL	

SAMPLES

Numbers: H246585-H246608

Total: 24
Date sent:

COMMENTS

PROPERTY: RAU **HOLE:** RAU-08-15B

Struct.		LITHOLOGY								MINERALS				SAMPLES				Blocks			GEOTECHNICAL				
																					REC		RQD		
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	Pyrite	Arsenopyrite	Pyrhotite	Magnetite	From (m)	To (m)	Interval (m)	Sample	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent	Magnetic Susceptibility
		0.00	4.27	4.27	OVB				ruble, pieces of limestone from below									0.00	4.27	4.27	0.49	11			
		4.27	70.44	66.17	LST		BX		grey brecciated limestone with calcite matrix									4.27	5.49	1.22	1.21	99	0.41	34	
VN	45								ruble to ~9.00 m									5.49	7.62	2.13	1.93	91	1.42	67	0.07
VN	65								multiple vein directions									7.62	9.45	1.83	1.65	90	1.08	59	0.06
																		9.45	12.19	2.74	2.76	101	2.39	87	0.02
																		12.19	14.48	2.29	2.04	89	2.04	89	-0.02
																		14.48	16.76	2.28	2.42	106	2.26	99	0.00
																		16.76	19.51	2.75	2.83	103	2.31	84	0.00
VN	0	19.51							calcite vein sub parallel to core axis, large voids (up to 4 cm)									19.51	22.86	3.35	3.05	91	2.34	70	0.00
									Vein ~1 cm wide for 30 cm									22.86	25.91	3.05	2.02	66	1.70	56	0.02
FO	0	26.62							folliation from clast alignment									25.91	27.34	1.43	2.92	204	2.72	190	0.01
																		27.34	30.48	3.14	2.48	79	2.32	74	0.01
VN	20	31.45							calcite ein with voids (0.5 cm wide)									30.48	33.53	3.05	2.94	96	2.81	92	0.03
																		33.53	36.58	3.05	3.00	98	2.71	89	0.00
VN	80	36.58							limonite altered pyrite									36.58	38.10	1.52	1.65	109	1.51	99	-0.03
																		38.10	41.15	3.05	2.94	96	2.58	85	-0.05
VT	75	41.00							wavy folliation ~ parallel to core axis	t								41.15	44.20	3.05	3.05	100	2.59	85	-0.06
		44.20							veinlets of calcite	t								44.20	46.33	2.13	2.26	106	1.17	55	-0.07
																		46.33	48.77	2.44	2.20	90	1.65	68	-0.01
																		48.77	51.82	3.05	3.10	102	2.90	95	0.01
																		51.82	54.86	3.04	2.94	97	2.66	88	-0.02
FO	20	52.50							trace pyrite with calcite veins									54.86	57.91	3.05	2.98	98	2.89	95	-0.06
VN	50																	57.91	59.74	1.83	1.82	99	1.53	84	-0.01
																		59.74	62.48	2.74	2.43	89	2.20	80	-0.04
FX	80	64.00							heavily fractured limestone to marble (gradational)									62.48	65.23	2.75	3.05	111	2.05	75	-0.05
																		65.23	67.06	1.83	1.52	83	1.52	83	-0.03
VN	30	68.97							fine grain light grey limestone w/ calcite veins					68.97	70.44	1.47	H246585	67.06	70.10	3.04	3.15	104	2.87	94	0.00
FO	50	70.44	75.64	5.20	SKN				strongly sericite altered limestone skarn	w				70.44	73.44	3.00	H246586	70.10	71.63	1.53	1.72	112	1.37	90	0.03
									gradational contact	m				73.44	75.64	2.20	H246587	71.63	74.68	3.05	3.00	98	3.00	98	0.42
		75.64	87.48	11.84	VOL				forest green, fine grain volcaniclastic with calcite	w			m	75.64	78.64	3.00	H246588	74.68	77.72	3.04	2.96	97	2.65	87	0.49
									Maroon-red mineral (hematite) with calcite					78.64	81.64	3.00	H246589	77.72	80.77	3.05	2.88	94	2.70	89	4.24
VN	50								magnetic					81.64	84.64	3.00	H246590	80.77	82.30	1.53	1.91	125	1.18	77	11.00
														84.64	87.48	2.84	H246591	82.30	85.34	3.04	2.83	93	3.74	123	8.43
														BLANK			H246592	85.34	86.87	1.53	1.49	97	1.38	90	0.75
FO	45	87.48	91.76	4.28	VOL				Tan-grey strongly sericite altered volcaniclastic	m				87.48	90.48	3.00	H246593	86.87	89.92	3.05	3.10	102	2.99	98	0.21
														90.48	91.76	1.28	H246594	89.92	92.96	3.04	3.00	99	2.78	91	0.12
VN	80	91.76	96.01	4.25	LST		BX		brecciated limestone with weak to moderate pyrite	w				91.76	93.76	2.00	H246595	92.96	96.01	3.05	3.02	99	3.00	98	0.19
									dolomitic in places					93.76	96.01	2.25	H246596	96.01	99.06	3.05	3.10	102	2.51	82	0.03
FO	60	96.01	227.08	131.07	DOL		BX		dolomite fluid breccia, no sulphides					96.01	99.01	3.00	H246597	99.06	102.11	3.05	3.05	100	2.85	93	0.01
																		102.11	105.16	3.05	2.96	97	2.45	80	0.00
																		105.16	107.59	2.43	2.21	91	1.35	56	-0.03
																		107.59	109.73	2.14	1.74	81	0.86	40	0.02
																		109.73	112.78	3.05	2.86	94	2.44	80	0.00
																		112.78	115.82	3.04	3.07	101	2.62	86	0.00
FX	45	117.50							pyrite on fractures, cubic 0.5 to 1 cm	w								115.82	118.87	3.05	2.63	86	2.23	73	-0.01
										t								118.87	121.62	2.75	3.02	110	2.81	102	-0.02
		120.00							pyrite on fractures – fine grain	w								121.62	124.66	3.04	3.01	99	3.00	99	0.01
		121.00							no pyrite									124.66	126.49	1.83	1.94	106	1.94	106	0.03
																		126.49	129.54	3.05	2.84	93	2.65	87	0.01
		130.00							weak silicification starting, strong dolomite breccia									129.54	132.59	3.05	3.15	103	2.75	90	-0.02

PROPERTY: RAU **HOLE:** RAU-08-15B

Struct.		LITHOLOGY								MINERALS				SAMPLES				Blocks			GEOTECHNICAL				
																					REC		RQD		
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	Pyrite	Arsenopyrite	Pyrhotite	Magnetite	From (m)	To (m)	Interval (m)	Sample	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent	Magnetic Susceptibility
									with dolomite-silica matrix									132.59	135.64	3.05	3.02	99	2.65	87	0.03
																		135.64	138.68	3.04	3.10	102	2.95	97	0.00
																		138.68	140.21	1.53	1.26	82	0.89	58	-0.01
																		140.21	143.26	3.05	2.85	93	2.61	86	-0.01
																		143.26	145.39	2.13	2.57	121	2.23	105	0.04
																		145.39	147.83	2.44	1.92	79	1.48	61	0.06
																		147.83	150.88	3.05	2.93	96	2.60	85	0.02
																		150.88	153.92	3.04	2.96	97	2.44	80	-0.04
		154.00							broken and rubly to 158.90									153.92	155.45	1.53	1.29	84	0.79	52	0.35
																		155.45	156.21	0.76	0.50	66	0.10	13	0.02
																		156.21	157.89	1.68	1.15	68	0.10	6	0.04
VN	45								quartz+/-dol veins after rubbly interval									157.89	158.80	0.91	0.82	90	0.12	13	0.06
FO	80								weak to moderate silicifiaction									158.80	161.54	2.74	2.34	85	1.87	68	-0.04
																		161.54	164.59	3.05	3.15	103	2.78	91	0.00
																		164.59	167.64	3.05	3.10	102	3.05	100	-0.04
																		167.64	170.69	3.05	3.06	100	2.61	86	0.03
																		170.69	173.74	3.05	3.05	100	2.98	98	-0.01
														175.20	178.20	3.00	H246598	173.74	176.78	3.04	2.94	97	2.57	85	-0.04
		178.23							pale red mineral (sphallerite? Realgar?) with carbonates	w				178.20	181.20	3.00	H246599	176.78	178.92	2.14	2.64	123	1.75	82	0.14
		178.60							15 cm strongly brecciated zone, possible healed fault	w				181.20	184.20	3.00	H246600	178.92	181.36	2.44	2.06	84	1.59	65	0.02
									70% dolomite matrix					184.20	187.20	3.00	H246601	181.36	184.40	3.04	3.03	100	2.40	79	0.13
VN	40	182.83							start of quartz veining	m				187.20	190.20	3.00	H246602	184.40	186.84	2.44	2.25	92	1.50	61	0.03
									silicification starts 60 cm above (gradational)					190.20	193.20	3.00	H246603	186.84	188.48	1.64	2.23	136	1.69	103	0.12
									Pyrite +/- sp(?) with quartz + calcite veins					STANDARD			H246604	188.48	190.80	2.32	1.74	75	1.32	57	0.06
									rubbly between 190.00 and 193.20					193.20	196.20	3.00	H246605	190.80	193.24	2.44	2.34	96	0.29	12	0.06
									contains quartz with red coating on fractures					196.20	198.58	2.38	H246606	193.24	195.07	1.83	1.59	87	1.05	57	0.00
		198.58							83 cm wide quartz vein with trace pyrite	t				198.58	199.58	1.00	H246607	195.07	198.12	3.05	3.15	103	2.90	95	0.03
									limestoned with crackle texture following QV					199.58	202.58	3.00	H246608	198.12	201.17	3.05	3.04	100	2.41	79	0.10
									with calcite fill, little to no quartz									201.17	202.69	1.52	1.28	84	1.07	70	0.01
		205.00							minor quartz with trace disseminated pyrite	t								202.69	205.74	3.05	3.02	99	2.67	88	0.01
																		205.74	208.79	3.05	3.05	100	3.05	100	0.04
																		208.79	211.84	3.05	3.05	100	3.05	100	0.01
																		211.84	214.88	3.04	2.82	93	2.62	86	0.04
																		214.88	217.63	2.75	3.15	115	2.99	109	0.05
VN	70	219.00							1-2 cm quartz veins									217.63	220.68	3.05	3.10	102	2.75	90	0.05
VN	50								quartz veins									220.68	223.72	3.04	3.02	99	2.61	86	0.02
		224.00							10 cm oxidized zone	t								223.72	226.16	2.44	2.49	102	2.05	84	0.35
		226.00							gouge zone, fault									226.16	227.08	0.92	0.60	65	0.00	0	
		227.08			EOH																				

RAU PROJECT

PROPERTY: RAU

HOLE: Rau-08-16

Easting	Northing	Elev.	Depth (m)
528425	7119249	1322	83.52

Contractor: Superior Diamond Drilling
Drill:

SURVEY							
Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	230°	-60°	compass				

Core size: BTW
Casing depth: 3.04 (m) out

Drilling dates:

Logged by: M.R.Dumala

Target: Strike extension of mineralized horizon

SUMMARY				
From (m)	To (m)	Interval	Unit	Coments
0.00	8.84	8.84	LST	
8.84	83.52	74.68	LIM	oxidized/boxwork limonite

SAMPLES	
Numbers:	H246609-H246650
Total:	42
Date sent:	

COMMENTS

rods lost

PROPERTY: RAU **HOLE:** RAU-08-16

Struct.		LITHOLOGY								ALTERATION				SAMPLES				Blocks			GEOTECHNICAL			
																					REC		RQD	
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	Limonite				From (m)	To (m)	Interval (m)	Sample	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent
									Limestone					0.00	5.18	5.18	H246609	0.00	5.18	5.18	0.34	7		
									Limestone					5.18	5.79	0.61	H246610	5.18	5.79	0.61	0.14	23		
									Limestone					5.79	8.84	3.05	H246611	5.79	8.84	3.05	0.28	9		
									Limonite altered Limestone	I				8.84	9.45	0.61	H246612	8.84	9.45	0.61	0.10	16		
									Limonite and quartz	I				9.45	15.24	5.79	H246613	9.45	15.24	5.79	0.37	6		
									no recovery	I							NSS	15.24	19.81	4.57	0.00	0		
									mud	I				19.81	21.95	2.14	H246614	19.81	21.95	2.14	1.45	68		
									sand	I				21.95	22.86	0.91	H246615	21.95	22.86	0.91	0.34	37		
									sand	I				22.86	23.47	0.61	H246616	22.86	23.47	0.61	0.14	23		
									quartz pebbles	I				23.47	24.69	1.22	H246617	23.47	24.69	1.22	0.10	8		
														STANDARD			H246618							
									sand and quartz fragments	I				24.69	25.69	1.00	H246619	24.69	25.69	1.00	0.25	25		
									quartz fragments	I							NSS	25.69	26.52	0.83	0.07	8		
									sand	I				26.52	27.74	1.22	H246620	26.52	27.74	1.22	0.25	20		
									quartz fragments + sand and mud	I				27.74	29.26	1.52	H246621	27.74	29.26	1.52	0.22	14		
														BLANK			H246622							
									sand	I				29.26	30.78	1.52	H246623	29.26	30.78	1.52	0.72	47		
									Limestone	I							NSS	30.78	32.00	1.22	0.08	7		
									clay, sand and mud with limestone	I				32.00	33.53	1.53	H246624	32.00	33.53	1.53	1.55	101		
									clay and sand	I				33.53	35.05	1.52	H246625	33.53	35.05	1.52	1.05	69		
									sandy clay	I				35.05	36.58	1.53	H246626	35.05	36.58	1.53	0.41	27		
									sandy clay	I				36.58	38.10	1.52	H246627	36.58	38.10	1.52	0.22	14		
									no recovery	I							NSS	38.10	39.62	1.52	0.00	0		
									no recovery	I							NSS	39.62	41.15	1.53	0.00	0		
									quartz fragments and limestone	I				41.15	42.67	1.52	H246628	41.15	42.67	1.52	0.35	23		
									limestone and sandy clay	I				42.67	44.80	2.13	H246629	42.67	44.80	2.13	0.17	8		
									sandy clay	I				44.80	45.72	0.92	H246630	44.80	45.72	0.92	0.18	20		
									limestone and quartz	I				45.72	47.24	1.52	H246631	45.72	47.24	1.52	0.22	14		
									quartz fragments	I				47.24	50.29	3.05	H246632	47.24	48.77	1.53	0.08	5		
									quartz fragments	I								48.77	50.29	1.52	0.10	7		
									sandy clay and quartz	I				50.29	53.34	3.05	H246633	50.29	53.34	3.05	0.34	11		
														STANDARD			H246634							
									sandy clay and quartz	I				53.34	59.44	6.10	H246635	53.34	59.44	6.10	0.36	6		
									clayey sand	I				59.44	60.05	0.61	H246636	59.44	60.05	0.61	0.16	26		
									Limestone	I							NSS	60.05	60.96	0.91	0.02	2		
									clay and sand	I				60.96	65.84	4.88	H246637	60.96	65.84	4.88	0.30	6		
									Limestone – solid core	I				65.84	66.75	0.91	H246638	65.84	66.75	0.91	1.05	115	0.52	57
														BLANK			H246639							
									sandy and mud	I				66.75	67.06	0.31	H246640	66.75	67.06	0.31	0.34	110		
									Limestone – solid core	I				67.06	68.58	1.52	H246641	67.06	68.58	1.52	1.40	92	0.26	17
									Limestone	I							NSS	68.58	70.10	1.52	0.07	5		
									hard clay and limestone	I				70.10	71.63	1.53	H246642	70.10	71.63	1.53	1.26	82		
									limestone and sandy clay	I				71.63	73.76	2.13	H246643	71.63	73.76	2.13	1.35	63		
									limestone and clay	I				73.76	74.98	1.22	H246644	73.76	74.98	1.22	1.01	83		
									limestone rubble and sand	I				74.98	76.20	1.22	H246645	74.98	76.20	1.22	1.00	82		
									Limestone – solid core	I				76.20	77.32	1.12	H246646	76.20	77.32	1.12	0.20	18		
									sand and limestone	I				77.32	79.25	1.93	H246647	77.32	79.25	1.93	0.94	49		
									boxwork limestone	I				79.25	80.77	1.52	H246648	79.25	80.77	1.52	1.30	86	0.72	47
									boxwork limestone	I				80.77	82.30	1.53	H246649	80.77	82.30	1.53	1.40	92	0.68	44
									boxwork limestone	I				82.30	83.52	1.22	H246650	82.30	83.52	1.22	0.26	21		
		82.30			EOH																			

RAU PROJECT

PROPERTY: RAU

HOLE: Rau-08-17

Easting	Northing	Elev.	Depth (m)
528638	7118701	1360	150.27

Contractor: Superior Diamond Drilling
Drill:

Core size: BTW
Casing depth: 3.04 (m) out

Drilling dates:

Logged by: M.R.Dumala

Target: scissor hole on RAU-08-01

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	050°	-50°	compass				
149.96	050°	-42°	icefield				

SUMMARY

From (m)	To (m)	Interval	Unit	Coments
0.00	3.50	3.50	OVB	
3.50	36.04	32.54	LST	
36.04	50.15	14.11	MAR	
50.15	51.14	0.99	VOL-A	altered volcaniclastics
51.14	140.36	89.22	DOL	
140.36	141.36	1.00	QV	
141.36	150.27	8.91	DOL	

SAMPLES

Numbers: H246651-H246662

Total: 12
Date sent:

COMMENTS

PROPERTY: RAU **HOLE:** RAU-08-17

Struct.		LITHOLOGY								MINERALS				SAMPLES				Blocks			GEOTECHNICAL				
																					REC		RQD		
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	Pyrite	Phyrotite	Arsenopyrite		From (m)	To (m)	Interval (m)	Sample	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent	Magnetic Susceptibility
		0.00	3.50	3.50	OVB				Limestone overburden									0.00	3.05	3.05	0.34	0	0.10	3	
		3.50	13.58	10.08	LST		BX		Brecciated limestone									3.05	4.57	1.52	1.63	107	1.06	70	0.00
FO	55																	4.57	10.67	6.10	6.08	100	2.56	42	0.02
FO	65								gradational contact									10.67	13.72	3.05	2.96	97	2.87	94	0.00
FO	65	13.58	36.04	22.46	LST		FO		becoming more folliated and less brecciated	t								13.72	16.76	3.04	2.96	97	2.96	97	0.02
									1 mm calcite amagdules within folliation									16.76	18.29	1.53	1.79	117	1.79	117	0.12
FO	60	18.29							grey limestone – more magneticf									18.29	21.34	3.05	3.05	100	2.90	95	0.13
FO	60	20.80					FO		strong folliation	w								21.34	24.38	3.04	3.10	102	2.32	76	0.02
FO	65	22.67					FO	VU	small vugs within folliation	w								24.38	26.21	1.83	1.52	83	0.90	49	0.08
		23.91					FO		back to strongly folliated, with decreased magnetics	t								26.21	28.96	2.75	2.77	101	2.40	87	0.11
FO	25	26.50							calcite veins with folliation									28.96	32.00	3.04	3.05	100	2.82	93	0.06
FO	20	28.50							shallowing of folliation									32.00	35.05	3.05	3.10	102	2.85	93	0.00
FO	55	33.50																35.05	38.10	3.05	2.98	98	2.75	90	0.07
		35.90							jet black mineral with pyrite + trace malachite in calcite									38.10	41.15	3.05	2.99	98	2.95	97	0.03
CN	85	36.04	50.15	14.11	Mar				White-grey marble, sharp upper contact									41.15	44.20	3.05	2.91	95	2.72	89	0.01
																		44.20	45.72	1.52	1.39	91	0.25	16	0.01
		47.22							becoming oxidized, gradational to 48.00									45.72	48.77	3.05	3.02	99	1.49	49	0.28
		48.65							weak oxidation									48.77	50.29	1.52	1.18	78	0.57	38	-0.02
		50.15	51.14	0.99	VOL				intensely oxidized, strongly folliated, poor recovery									50.29	53.34	3.05	2.57	84	1.84	60	-0.05
		51.14	66.84	15.70	DOL		BX		Grey-white dolomite, extremely fine grain disseminated	t		t						53.34	56.39	3.05	2.95	97	2.48	81	-0.05
									sulphides, smells of sulphur when broken					57.84	60.84	3.00	H246651	56.39	59.44	3.05	3.20	105	2.69	88	-0.05
									grey clasts (sulphides?) with white, med-grain dolomite					60.84	63.84	3.00	H246652	59.44	62.48	3.04	3.20	105	2.60	86	0.01
									matrix					63.84	66.84	3.00	H246653	62.48	65.53	3.05	3.05	100	2.74	90	-0.01
CN	40	66.84	80.23	13.39	DOL		MA	OX	coarse grain brown dolomite – oxidized	t	t			66.84	69.84	3.00	H246654	65.53	68.58	3.05	3.10	102	2.52	83	2.07
									increased magnetic susceptibility					69.84	72.84	3.00	H246655	68.58	71.63	3.05	3.00	98	2.70	89	2.49
									67.49 to 67.71 white-grey dolomite					72.84	74.84	2.00	H246656	71.63	74.68	3.05	3.00	98	2.82	92	2.34
									limonite alteration halos around fractures	w	t			74.84	77.23	2.39	H246657	74.68	76.20	1.52	1.58	104	1.02	67	2.46
FX	35	74.35							siderite forming around fractures	w				77.23	80.23	3.00	H246658	76.20	79.25	3.05	3.04	100	2.84	93	3.03
FO	50	76.16							end of siderite fractures	w				BLANK			H246659	79.25	82.30	3.05	2.92	96	2.48	81	0.98
CN	60	80.23	140.36	60.13	DOL		BX		sharp contact, same brecciated dolomite as before					80.23	83.23	3.00	H246660	82.30	85.34	3.04	3.02	99	1.80	59	0.03
VN	40	83.25							carbonate veins <1 cm									85.34	88.39	3.05	3.10	102	3.05	100	0.04
																		88.39	91.44	3.05	2.93	96	2.72	89	-0.01
		92.00							end of sulphur smell									91.44	94.49	3.05	3.05	100	2.45	80	0.01
		94.00							more massive to crackle texture									94.49	97.54	3.05	2.98	98	2.64	87	0.03
																		97.54	100.58	3.04	3.02	99	2.28	75	0.00
																		100.58	103.63	3.05	2.98	98	2.29	75	0.01
		103.75							moderately to strongly dolomite altered									103.63	106.68	3.05	2.83	93	2.28	75	1.66
									becoming rubbly at 106.68									106.68	109.73	3.05	2.74	90	2.40	79	-0.03
		107.00							weak sulphur smell									109.73	112.78	3.05	2.96	97	2.20	72	-0.06
																		112.78	115.85	3.07	3.10	101	2.99	97	-0.04
																		115.85	118.87	3.02	3.10	103	2.96	98	0.00
VN	30																	118.87	121.92	3.05	3.10	102	2.19	72	-0.05
																		121.92	124.36	2.44	2.44	100	1.44	59	-0.05
																		124.36	126.49	2.13	2.14	100	1.59	75	-0.03
																		126.49	129.54	3.05	3.05	100	3.05	100	-0.05
VN	20	132.30							start of silicification (QV's with pyrite)	t								129.54	132.59	3.05	2.90	95	2.78	91	-0.01
																		132.59	135.64	3.05	3.10	102	2.43	80	-0.02
FO	55	138.68							folliation in white dolomite veinlet									135.64	138.68	3.04	3.20	105	2.68	88	0.01
VN	35	140.36	141.36		QV				quartz vein with pyrite	I								138.68	141.73	3.05	3.15	103	2.96	97	-0.21
		141.36	150.27		DOL		BX			w				140.36	141.36	1.00	H246661	141.73	144.78	3.05	3.10	102	2.58	85	0.05
FO	40	144.36							crackle texture, weak folliation	t				141.36	144.36	3.00	H246662	144.78	147.83	3.05	3.00	98	2.23	73	0.02

PROPERTY: RAU **HOLE:** RAU-08-17

Struct.		LITHOLOGY								MINERALS				SAMPLES				Blocks			GEOTECHNICAL				
																					REC		RQD		
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	Pyrite	Phyrotite	Arsenopyrite		From (m)	To (m)	Interval (m)	Sample	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent	Magnetic Susceptibility
		150.27			EOH													147.83	150.27	2.44	2.31	95	1.69	69	0.04

RAU PROJECT

PROPERTY: RAU

HOLE: Rau-08-18

Easting	Northing	Elev.	Depth (m)
528541	7119240	1192	233.78

Contractor: Superior Diamond Drilling
Drill:

SURVEY							
Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	230°	-60°	compass				
230	230°	-62°	acid				

Core size: BTW
Casing depth: 3.04 (m) in

Drilling dates:

Logged by: M.R.Dumala

Target: down dip extension of Rau-08-06

SUMMARY				
From (m)	To (m)	Interval	Unit	Coments
0.00	4.00	4.00	OVB	
4.00	74.53	70.53	DOL	
74.53	102.72	28.19	VOL-A	altered volcaniclastic
102.72	121.04	18.32	LST	
121.04	128.02	6.98	DOL	
128.02	175.36	47.34	MZ	
175.36	196.23	20.87	VOL-A	altered volcaniclastic
196.23	211.01	14.78	DOL	
211.01	233.78	22.77	PY	massive pyrite

SAMPLES	
Numbers:	H246710-H246800
	H246851
Total:	92
Date sent:	

COMMENTS

hole terminated in massive pyrite, ran out of rods; cassing left in; acid test only due to stuck core tube

PROPERTY: RAU **HOLE:** RAU-08-18

Struct.		LITHOLOGY								MINERALS				SAMPLES				Blocks			GEOTECHNICAL				
																					REC		RQD		
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	Pyrite	Phyrotite	Arsenopyrite		From (m)	To (m)	Interval (m)	Sample	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent	Magnetic Susceptibility
		0.00	4.00	4.00	OVB				overburden, mostly from below									0.00	3.96	3.96	0.44	11			
		4.00	69.20	65.20	DOL		BX		brecciated dolostone					3.96	6.10	2.14	H246710	3.96	6.10	2.14	1.62	76	0.74	35	
														6.10	7.62	1.52	H246711	6.10	7.62	1.52	1.63	107	0.45	30	0.02
														7.62	10.67	3.05	H246712	7.62	10.67	3.05	2.81	92	1.69	55	-0.02
														10.67	13.72	3.05	H246713	10.67	13.72	3.05	2.57	84	1.90	62	0.05
FO	50	14.75												13.72	16.72	3.00	H246714	13.72	16.46	2.74	2.87	105	2.02	74	-0.03
FO	70	18.00												16.72	19.72	3.00	H246715	16.46	18.29	1.83	1.90	104	1.59	87	0.03
														19.72	22.72	3.00	H246716	18.29	21.34	3.05	2.90	95	2.36	77	0.03
														STANDARD			H246717	21.34	24.38	3.04	2.65	87	2.13	70	0.00
														22.72	25.72	3.00	H246718	24.38	27.43	3.05	3.05	100	2.85	93	0.00
														25.72	28.72	3.00	H246719	27.43	30.48	3.05	3.05	100	2.82	92	0.00
														28.72	31.72	3.00	H246720	30.48	32.92	2.44	2.18	89	1.96	80	0.02
														31.72	34.72	3.00	H246721	32.92	35.05	2.13	2.09	98	1.94	91	0.00
		35.10							Grey-white zoned dolomite matrix with black needly					34.72	37.72	3.00	H246722	35.05	37.80	2.75	2.68	97	2.29	83	0.01
									mineral (amphibole?)					37.72	40.72	3.00	H246723	37.80	39.62	1.82	1.49	82	1.39	76	0.03
														40.72	43.72	3.00	H246724	39.62	41.76	2.14	2.62	122	2.42	113	0.00
														43.72	46.72	3.00	H246725	41.76	44.20	2.44	2.05	84	1.74	71	0.04
														46.72	49.72	3.00	H246726	44.20	45.72	1.52	1.43	94	0.93	61	0.01
														49.72	52.72	3.00	H246727	45.72	48.77	3.05	2.77	91	2.37	78	-0.02
														BLANK			H246728	48.77	51.82	3.05	3.10	102	2.79	91	0.02
														52.72	55.72	3.00	H246729	51.82	53.34	1.52	1.74	114	1.62	107	0.03
														55.72	58.72	3.00	H246730	53.34	54.86	1.52	1.52	100	1.51	99	0.00
		60.00							stronger brecciation, some alteration	t				58.72	61.72	3.00	H246731	54.86	57.91	3.05	3.05	100	2.85	93	3.05
										w				61.72	64.72	3.00	H246732	57.91	60.96	3.05	3.01	99	2.62	86	4.30
FO	60	65.41							pyrite banding	w				64.72	67.20	2.48	H246733	60.96	64.01	3.05	3.10	102	2.61	86	6.18
														67.20	69.20	2.00	H246734	64.01	67.06	3.05	3.05	100	2.62	86	14.10
FO	75	69.20	74.53	5.33	DOL				transition zone	w				69.20	72.20	3.00	H246735	67.06	70.10	3.04	3.03	100	2.83	93	4.04
									well formed, 7 mm pyrite crystals on fractures					72.20	74.53	2.33	H246736	70.10	73.15	3.05	3.04	100	2.29	75	6.43
FO	70	74.53	102.72	28.19	TS				Grey-brown, strongly folliated talc-sulphide	w	t			74.53	77.53	3.00	H246737	73.15	76.20	3.05	3.10	102	2.78	91	4.47
														77.53	80.53	3.00	H246738	76.20	79.25	3.05	3.06	100	2.62	86	18.80
FO	65	82.50												80.53	83.53	3.00	H246739	79.25	82.30	3.05	3.05	100	2.68	88	11.60
FO	60	85.50												83.53	86.53	3.00	H246740	82.30	85.34	3.04	3.05	100	2.97	98	10.50
														86.53	89.53	3.00	H246741	85.34	88.39	3.05	2.96	97	2.33	76	3.95
FO	55	92.00												89.53	92.53	3.00	H246742	88.39	91.44	3.05	3.15	103	2.65	87	1.61
														BLANK			H246743	91.44	94.49	3.05	3.05	100	2.69	88	1.99
														92.53	95.53	3.00	H246744	94.49	99.36	4.87	3.05	63	2.70	55	1.29
FO	47	97.50							becoming light grey, gradational, chlorite stain on fractures	w				95.53	97.54	2.01	H246745	99.36	102.11	2.75	1.84	67	1.02	37	0.14
									more talc					97.54	100.54	3.00	H246746	102.11	105.16	3.05	2.97	97	2.48	81	1.14
FO	40	102.15								w				100.54	102.72	2.18	H246747	105.16	108.20	3.04	2.93	96	2.60	86	1.35
		102.72	121.04	18.32	LST		BX		less folliated, talc on fractrues	w				102.72	105.72	3.00	H246748	108.20	111.25	3.05	3.00	98	2.73	90	0.59
VN	15								calcite veins with ~5-10% pyrite over 5-10 cm					105.72	108.72	3.00	H246749	111.25	114.30	3.05	3.10	102	2.93	96	4.10
FO	62	111.00								w	t			108.72	111.72	3.00	H246750	114.30	117.04	2.74	2.59	95	2.08	76	11.80
FO	45	114.30								w	w			111.72	114.72	3.00	H246751	117.04	120.09	3.05	3.05	100	2.58	85	11.40
														114.72	117.04	2.32	H246752	120.09	121.92	1.83	2.06	113	1.90	104	0.57
														STANDARD			H246753	121.92	124.97	3.05	3.05	100	2.83	93	4.39
														117.04	119.04	2.00	H246754	124.97	128.02	3.05	2.97	97	2.97	97	6.84
									becoming dolomitic					119.04	121.04	2.00	H246755	128.02	131.06	3.04	3.05	100	2.44	80	3.52
		121.04	128.02	6.98	DOL				transition zone	w	w			121.04	124.04	3.00	H246756	131.06	134.11	3.05	3.15	103	2.58	85	10.30
		123.04								m	m			124.04	126.04	2.00	H246757	134.11	137.16	3.05	3.10	102	2.80	92	1.75
														126.04	128.02	1.98	H246758	137.16	140.21	3.05	3.05	100	2.83	93	3.74

PROPERTY: RAU **HOLE:** RAU-08-18

Struct.		LITHOLOGY								MINERALS				SAMPLES				Blocks			GEOTECHNICAL				
																					REC		RQD		
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	Pyrite	Phyrotite	Arsenopyrite		From (m)	To (m)	Interval (m)	Sample	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent	Magnetic Susceptibility
		128.02	175.36	47.34	MZ				main mineralized zone – dolomite	s	s	w		128.02	131.02	3.00	H246759	140.21	143.26	3.05	3.00	98	2.91	95	0.85
FO	30	129.00							folliation defined by sulphides	s	m	m		131.02	134.02	3.00	H246760	143.26	146.30	3.04	3.10	102	3.02	99	1.69
FO	70	134.00							sulphide folliation, more typical angle	s	m	m		134.02	137.02	3.00	H246761	146.30	149.35	3.05	3.08	101	2.99	98	1.89
									tiger striped texture					137.02	140.02	3.00	H246762	149.35	152.40	3.05	2.95	97	2.90	95	0.16
FO	75	135.00							py/as/po varriable 1 to 10%	s	w	m		140.02	143.02	3.00	H246763	152.40	155.45	3.05	2.96	97	2.77	91	0.03
									Pyrite locally massive over 5-10 cm					143.02	146.02	3.00	H246764	155.45	158.50	3.05	2.04	67	2.02	66	0.11
FO	60	143.26								s	t	m		146.02	149.02	3.00	H246765	158.50	161.54	3.04	3.05	100	2.57	85	0.44
		148.00							increased pyrite	I		m		149.02	152.02	3.00	H246766	161.54	164.59	3.05	3.05	100	2.62	86	0.15
		149.23					MA		Massive to semimassive pyrite	60		m		BLANK			H246767	164.59	167.64	3.05	3.05	100	2.36	77	0.08
									Bands <1 m with <20% pyrite, overall ~60% pyrite					152.02	155.02	3.00	H246768	167.64	170.69	3.05	2.90	95	2.58	85	0.80
FO	50	155.70							fine grain arsenopyrite forming along folliations	40		m		155.02	158.02	3.00	H246769	170.69	173.74	3.05	3.03	99	2.21	72	0.20
FO	70								1.4 m massive fine grain pyrite	95				158.02	161.02	3.00	H246770	173.74	176.78	3.04	3.05	100	2.90	95	1.55
		163.38							10-20% pyrite	15				161.02	163.38	2.36	H246771	176.78	179.83	3.05	2.89	95	2.84	93	3.64
														163.38	166.34	2.96	H246772	179.83	182.88	3.05	3.10	102	3.05	100	4.22
														STANDARD			H246773	182.88	185.93	3.05	3.05	100	2.91	95	4.05
FO	55	166.00							folliation defined by sulphides	s		w		166.34	169.34	3.00	H246774	185.93	188.98	3.05	3.05	100	2.95	97	2.54
														169.34	172.36	3.02	H246775	188.98	192.02	3.04	3.02	99	2.94	97	3.91
														172.36	175.36	3.00	H246776	192.02	196.60	4.58	4.63	101	3.92	86	2.96
FO	60	175.36	196.23	20.87	TS				Brown-white, folliated talc sulphide, fizzes with acid	m	w			175.36	178.36	3.00	H246777	196.60	198.12	1.52	1.51	99	0.95	62	-0.03
									Phyrotite + brown glassy mineral, disseminated					178.36	181.36	3.00	H246778	198.12	200.86	2.74	2.62	96	2.39	87	-0.07
									(realgar?, sphallerite?....)					181.36	184.36	3.00	H246779	200.86	202.69	1.83	1.94	106	1.77	97	0.06
FO	60	184.00							Very fine, disseminated black crystals, trace amounts					184.36	187.36	3.00	H246780	202.69	205.74	3.05	3.01	99	2.37	78	0.04
														BLANK			H246781	205.74	208.79	3.05	3.03	99	2.71	89	0.11
														187.36	190.36	3.00	H246782	208.79	211.84	3.05	3.02	99	2.79	91	0.15
														190.36	193.36	3.00	H246783	211.84	214.88	3.04	2.83	93	2.22	73	0.08
														193.36	196.23	2.87	H246784	214.88	217.93	3.05	3.10	102	2.31	76	0.07
		196.23	197.07	0.84	DOL				graphitic interval, poor recovery (fault?)	w				196.23	198.23	2.00	H246785	217.93	220.98	3.05	3.10	102	2.70	89	0.04
									defines contact with dolomite breccia below					198.23	201.23	3.00	H246786	220.98	224.03	3.05	3.02	99	2.75	90	0.08
		197.07	211.01	13.94	DOL		BX		brecciated dolomite, pyrite stronger near contact	t				201.23	204.23	3.00	H246787	224.03	227.08	3.05	3.05	100	2.26	74	0.06
FO	60	204.00												204.23	207.23	3.00	H246788	227.08	228.90	1.82	1.74	96	0.16	9	0.09
														207.23	210.01	2.78	H246789	228.90	230.12	1.22	0.95	78	0.22	18	0.15
														210.01	211.01	1.00	H246790	230.12	231.65	1.53	1.41	92	0.25	16	0.08
														STANDARD			H246791	231.65	233.78	2.13	2.40	113	1.48	69	0.09
CN	50	211.01	233.78	22.77	PY		MA		massive pyrite	99				211.01	213.01	2.00	H246792								
									contains small quartz inclusions + some calcite					213.01	216.01	3.00	H246793								
									silver mineral on fracture (bismuthinite?)					216.01	219.01	3.00	H246794								
									Red-yellow glassy mineral with quartz/calcite,					219.01	222.01	3.00	H246795								
									(realgar?, sphallerite?....)					222.01	225.01	3.00	H246796								
									also forming around pyrite crystals and fractures					225.01	228.01	3.00	H246797								
FO	60	218.75							folliation defined by fine grain pyrite bands					228.01	230.12	2.11	H246798								
														BLANK			H246799								
														230.12	231.65	1.53	H246800								
		233.78			EOH				hole terminated in massive pyrite, no more rods					231.65	233.78	2.13	H246851								

APPENDIX VII

PETROGRAPHIC REPORT

Vancouver Petrographics Ltd.

8080 GLOVER ROAD, LANGLEY, B.C. V1M 3S3
PHONE: 604-888-1323 • FAX: 604-888-3642
email: vanpetro@vanpetro.com
Website: www.vanpetro.com

Report for: Archer Cathro and Associates Ltd.,
1016 - 510 West Hastings Street.,
VANCOUVER, B.C.
V6B 1L8

Report 080924

October 22, 2008

SAMPLES:

A suite of core samples from the Rau property of ATAC Resources Ltd., numbered as below, was submitted by Matthew Dumala, with a request for thin section work.

Sample	Drill Hole	Depth(m.)
1	RAU-08-13	29.50
2	RAU-08-13	34.85
3	RAU-08-07	30.75
4	RAU-08-07	38.34
5	RAU-08-02	50.00
6	RAU-08-14	18.00
7	RAU-08-06	101.00
8	Hand Specimen (no location provided)	

SUMMARY:

These samples can be subdivided into two groups on the basis of the petrographic observations.

Group A comprises Samples 2, 4, 5 and 7.

These rocks have a heterogenous, streaky/clumpy macroscopic appearance (see off-cuts) and are petrographically bimodal, being made up of two texturally and mineralogically distinct components.

The first of these is a non-foliated, equigranular intergrowth of calcite, phlogopitic mica, opaques (probably Fe sulfides) and, in some cases, a little quartz; this assemblage consistently exhibits a mosaic-like texture of grains 0.1 - 0.4 mm or so in size. The other component is a minutely fine-grained, silt-like intergrowth of sericite and probable quartz in varied proportions.

In Samples 2 and 4 the fine-grained, carbonate-free phase is relatively abundant. It shows microtextural features of cryptofragmental or vitric aspect delineated by minor dust-sized opaques or sub-opaques. This component forms a host to lensy/ laminar segregations and vari-sized clumps of the coarser, calcite-rich assemblage.

In Samples 5 and 7 the coarser calcite-rich assemblage is very much the dominant constituent, forming a matrix in which the fine silt-like phase forms sporadic pockets and streaks.

Group B comprises Samples 1, 3, 6 and 8.

This is a somewhat varied group as regards mineralogy and texture. A distinctive feature is the absence of the granular calcite/phlogopite/pyrite assemblage characterizing Group A.

Samples 3 and 8 are distinguished by the presence of prominent segregations of sparry calcite, having the appearance of amygdules. In the case of Sample 3 the calcite bodies are set in a minutely fine-grained matrix composed dominantly of compact biotite with intimately intergrown cherty quartz. The latter occurs as tiny, sub-prismatic grains and small, polygranular clumps of clast-like appearance.

In Sample 8 the carbonate amygdules are set in a groundmass or matrix of minutely felted sericite, within which the distribution of micron-sized sub-opaque material delineates possible relict flow and vitric textures - suggesting that it may represent totally altered volcanic glass. This rock is strongly pervaded by limonite, of probable supergene origin.

Sample 1 also contains apparent amygdules of calcite, but these are smaller, of oriented lenticular form, and partly coalesce to form sub-parallel laminae. As in Sample 3 the matrix in this sample appears to be composed almost entirely of fine-grained compact biotite with possible occult quartz, but it lacks the small-scale cryptofragmental features observable in Sample 3.

Sample 6 differs from the others of this group in that it lacks carbonate amygdules and contains abundant chlorite. It exhibits a cryptofragmental texture of close-packed lenticular bodies, 0.1 - 2.0 mm in size. These are composed of calcite, chlorite, biotite and fine-grained quartz in varied proportions, and are set in a matrix/interstitial phase of minutely fine-grained chlorite and accessory quartz. Tiny disseminated opaques delineate the flattened, clast-like bodies, and define a distinct foliation; this texture resembles that of an altered tuff or volcaniclastic.

X-ray diffraction:

XRD scans were run, for confirmatory purposes, on 5 of the 8 samples. In all cases the patterns obtained were dominated by the peaks of calcite, sericite and/or biotite, and quartz. No significant contents of feldspars were indicated.

Samples 5 and 7 have the field designation "talc sulfide" in the letter accompanying the samples. XRD scans failed to confirm the presence of talc in either case, so this terminology appears erroneous.

Interpretative comments:

The petrographic study leaves the genetic character of this suite of rocks in doubt. The observed features are not those of any "normal" volcanics. This is true both of their overall composition (dominated by calcite and micas, with feldspars rare to absent), and the absence - except for the apparent amygdules in a few samples - of typical igneous textures. Microtextures in the fine-grained silt-like component in some of the samples are suggestive of altered glassy tuffaceous or volcaniclastic affinities.

The study does, on the other hand, demonstrate certain inherent similarities within this set of samples.

Individual petrographic descriptions, illustrative photo-micrographs, and XRD data charts are attached.

J.F. Harris Ph.D.

SAMPLE 1: Rau 08-13 29.50 m.

Estimated mode

Biotite	75
Carbonate	20
Quartz	5
K-feldspar	trace
Opaques	trace

This is a macroscopically heterogeneous rock (see off-cut) in which the dominant component is a fine-grained, minutely foliaceous matrix. The latter is speckled with small lenticles of grey, non-etched material, partly coalescing to sub-parallel strings and laminae. Tiny specks of an apparent potassic constituent (distinguishable by its positive yellow cobaltinitrite stain reaction) are a trace accessory, mainly in marginal association with the unetched component.

Petrographic examination reveals that the matrix is composed essentially of compact, sub-oriented, pale to medium brown biotite, of grain size 10 - 100 microns. A minor proportion of intergrown micron-sized material of quartzo-feldspathic aspect is locally distinguishable in intimate intergrowth with the biotite.

The unetched phase in the off-cut is found to be calcite, as vari-sized lenses and clumps of interlocking/anhedral grains, 30 - 300 microns in size. Minor quartz, biotite and possible K-feldspar are intergrown associates in some of these segregations, which typically range in size from 0.2 - 2.0 mm.

A little carbonate is also seen as individual specks in the biotitic matrix.

Traces of opaques occur as occasional, randomly disseminated grains and grain clusters.

SAMPLE 2: Rau 08-13 34.85 m.

Estimated mode

Sericite	40
Phlogopite	10
Carbonate	22
K-feldspar	1
Quartz	18
Opaques	9

The off-cut corresponding to the sectioned portion of this sample is of generally similar appearance to that of Sample 1, showing a sinuous, lensy/laminar foliation defined by variations in grain size and mineralogical proportions.

It is also distinctive for its significant content of fine-grained disseminated sulfides and - as can be seen from macroscopic comparison of the two thin sections - differs from Sample 1 in that the matrix is almost colourless rather than red-brown.

Petrographic examination shows that the matrix in the present case consists of compact, minutely foliaceous sericite with varied proportions of intergrown, minutely fine-grained material believed to be mainly quartz. A lensy microtexture, suggestive of flattened fragments, is delineated within the matrix component by wisps of dust-sized opaque material (probably rutile).

The other principal component of the rock is a coarser polymineralic assemblage composed of carbonate with varied proportions of intergrown, pale brown phlogopite, quartz and opaques, as a granular anhedral intergrowth of grain size 0.1 - 0.4 mm. This coarser assemblage occurs as laminar/lenticular segregations up to several mm in thickness, and as smaller clumps, throughout the fine matrix phase.

The opaques cannot be positively identified in a non-polished section, but appear to be mainly pyrite and/or pyrrhotite.

SAMPLE 3: Rau 08-07 30.75 m.

Estimated mode

Biotite	38
Quartz)	28
Feldspars)	
Carbonate	32
Opaques	2

The off-cut of this sample differs strikingly from those of Samples 1 and 2, being characterized by the segregated mode of occurence of the carbonate as discrete pebble-like or crypto-amygdaloidal bodies ranging from 1 -10 mm or more in size. The fine-grained matrix which hosts the latter shows a distinct pale yellow etch/stain reaction suggestive of the presence of a significant proportion of feldspars.

Petrographic examination reveals that the matrix is composed of an intimate intergrowth of minutely fine-grained, compact biotite and quartzo-feldspathic material in the form of tiny prismatic grains and small, fragment-like, polygranular bodies up to 200 microns in size. Sub-parallel wisps and networks of micron-sized opaques/sub-opaques are a minor accessory.

The amygdule-like segregations consist of monomineralic calcite, of grain size ranging up to several mm.

An XRD scan run on this sample confirmed the presence of calcite, biotite and quartz, but failed to indicate a significant content of feldspars.

SAMPLE 4: Rau 08-07 38.34 m.

Estimated mode

Sericite	44
Opaque dust	2
K-feldspar	2
Quartz	8
Carbonate	24
Phlogopite	16
Pyrite?	4

The etched and stained off-cut corresponding to the sectioned area of this sample is of similar general appearance to Samples 1 and 2. It shows a clumpy, crypto-fragmental texture of ovoid to elongate bodies up to 5 mm or so in size. Petrographic examination confirms the similarity to Sample 2.

This rock consists of a clumpy/streaky melange of two or more textural/ mineralogical variants.

One of these is an equigranular, mosaic-textured assemblage of grain size 100 - 300 microns, consisting of carbonate, phlogopite and accessory opaques (pyrite?).

The other is a finer-grained phase, mainly consisting of essentially monomineralic sericite as minutely felted aggregates dusted with wisps of dust-sized opaques/sub-opaques; the latter sometimes delineate textures suggestive of glassy volcanic ancestry (see photos). Locally the sericite contains more or less abundant intergrown quartz.

The distributional relationship of these two components is difficult to relate to the macroscopic features, but it appears that the ovoid bodies are mainly composed of the compact sericite phase, and the intervening material is the granular carbonate/phlogopite assemblage with strings of disseminated pyrite.

SAMPLE 5: Rau 08-02 50.00 m.

Estimated mode

Carbonate	48
Muscovite)	30
Phlogopite)	
Quartz	20
Pyrite?	1

The off-cut corresponding to the sectioned portion of this sample shows a heterogeneous, clumpy/streaky texture, similar to that of Samples 1, 2 and 4. However, it is distinctive for the absence of accessory K-feldspar (indicated by the lack of specks of positive yellow cobaltinitrite stain on the off-cut).

Petrographic examination shows that, in this case, the dominant textural component is a non-foliated, equigranular intergrowth of carbonate and a near-colourless mica (muscovite and/or phlogopite), with minor disseminated opaques (possible pyrite). This appears to represent the same assemblage described as a subsidiary component in Samples 2 and 4.

In the present rock the carbonate-rich assemblage forms a matrix to a silt-like, low-birefringent, colourless phase (probably mainly quartz) of grain size 10 - 100 microns. This partly occurs diffusely, as a minor intergranular component within the carbonate-rich aggregate described above, but - more prominently - forms segregated streaks and semi-connected pockets, 0.1 - 1.0 mm in size. In some cases this silt-like component contains fine-grained accessory sericite and traces of dust-sized opaques.

The origin of this, and other similar rocks of the suite, is uncertain. The rock does not exhibit foliation or other textural features suggestive of metamorphic modification. XRD scans indicate the near-absence of feldspar.

Note that the field name of "talc sulfide" is not confirmed by the XRD spectrum, which includes no peaks of talc.

SAMPLE 6: Rau 08-14 18.00 m.

Estimated mode

Carbonate	30
Biotite	5
Chlorite	38
Quartz	22
Opaque dust	5

The off-cut of this sample is of more evenly fine-grained appearance than most others of the suite, and exhibits a distinctive greenish colour. It is speckled with tiny apparent clasts or microphenocrysts.

Petrographic examination confirms its distinctive character, revealing a striking wacke-like, cryptofragmental texture of more or less close-packed ovoid bodies, 0.1 - 2.0 mm in size, in a foliaceous, fine-grained matrix/interstitial phase (see photos).

The clast-like bodies are composed of microgranular carbonate with accessory biotite, or of intergrowths of carbonate, chlorite and fine-grained quartz in varied proportions.

The matrix/interstitial phase in which they are set consists dominantly of fine-grained, compact chlorite and accessory silt-sized quartz. It contains relatively abundant opaques (hematite or rutile?), as tiny lath-like grains, 2 - 20 microns in size. These concentrate as anastomosing wisps outlining the clasts and defining a distinct lensy foliation.

This rock has the textural aspect of a modified tuff or volcaniclastic.

SAMPLE 7: Rau 08-06 101.00 m.

Estimated mode

Carbonate	60
Phlogopite	14
Quartz	5
K-feldspar	3
Sericite	12
Opaques	6

The off-cut of this sample has a heterogenous clumpy/streaky texture similar to that of Samples 1, 2 and 4. Like them it contains tiny specks of apparent K-feldspar (yellow-stained) as a minor accessory.

Thin section examination shows that, in fact, it most closely resembles Sample 5, but with the mosaic-textured, carbonate-rich assemblage more strongly dominant.

The latter consists of a compact aggregate of calcite of grain-size 0.1 - 0.5 mm, with more or less abundant pale brown (phlogopitic) biotite and opaques (probable pyrite), plus lesser quartz and/or feldspar, as intergrown accessories.

A much finer component (of grain-size 10 - 100 microns) composed of compact, locally foliaceous sericite with included wisps of micron-sized opaque or sub-opaque material, occurs as more or less diffuse pockets and streaks within the granular carbonate-rich matrix. Scattered individual biotite flakes (similar to those in the carbonate) are sometimes also present in this fine sericitic phase.

Without benefit of a polished surface to allow for reflected light observations, little comment can be made on the identity and mode of occurrence of the opaque constituents in this rock. These are most strongly concentrated in an irregular banded zone in the centre of the sectioned area, and are thought to consist mainly of aggregates of fine-grained pyrite. In part the opaques exhibit a striking network-like, intergranular/cementing relationship to the hosting carbonate, locally appearing to penetrate calcite cleavages. A proportion of the opaques are of flaky/acicular form and may be something other than pyrite.

Rau-08-06 101.0m (cont'd).

Note that an XRD scan on this sample (designated "talc sulfide/ volcanic" in your covering letter) failed to confirm the presence of talc.

SAMPLE 8: "Hand Specimen"

Estimated mode

Sericite	58
Sub-opaque dust	2
Limonite	15
Calcite amygdules	24
Quartz	1

The off-cut corresponding to the sectioned portion of this sample has the aspect of an altered, fine-grained felsic volcanic, abundantly studded with carbonate-filled amygdules.

Petrographic examination shows that the matrix consists of a minutely felted aggreqate of essentially monomineralic sericite of grain size 2 - 20 microns, in which wisps of micron-sized sub-opaques locally define a possible relict vitric texture.

The amygdules are composed of mosaic-textured carbonate, of grain size 0.5 - 1.0 mm, occasionally with traces of intimately intergrown fine-grained quartz.

The rock is abundantly impregnated with earthy limonite as a diffuse speckling of the matrix, and as rims to the amygdules. This is presumably a weathering effect.

It resembles Sample 3 in texture, though not in mineralogy.

Petrographic observations do not support the classification of this rock (in your covering letter) as a "quartz-feldspar porphyry". Rather it would seem to be an altered glassy amygdaloidal volcanic.

PHOTOMICROGRAPHS

All photos are by transmitted light. Full frame width equals approximately 2 mm.

Sample 1: Rau 08-13 29.50 m.

Photo IMG-1343: Typical area, showing parallelism of lenticular bodies of carbonate (white) in a fine-grained matrix dominated by biotite (brown).

Photo IMG-1344: Same field as 1343 in cross-polarized light. Note granular mosaic texture of the carbonate bodies (much coarser than the hosting matrix).

Sample 2: Rau 08-13 34.85 m.

Photo IMG-1345: The lower right half of this field shows part of a lenticular segregation of mosaic-textured calcite (white) with intergrown phlogopite (pale yellowish) and probable pyrite (opaque, black). The upper left half of the field shows the hosting matrix phase of compact sericite (yellowish) with intergrown patches of fine-grained siliceous material (lighter). Dust-sized opaques (black) delineate this cryptofragmental texture.

Photo IMG-1346: Same field as 1345 in cross-polarized light. In the lower right half the phlogopite shows bright colours, the carbonate appears as pearly greys, and the pyrite (opaque) appears black. In the upper left half of the field the compact, minutely felted sericite appears tan with pastel-coloured flecks, and the cherty siliceous component appears blue-grey/yellowish white.

Sample 3: Rau 08-07 30.75 m.

Photo IMG-1349: This field illustrates the matrix or groundmass phase, consisting of small, fragment-like siliceous bodies (white) in a matrix of compact, fine-grained biotite (brown). An accessory component of dust-sized opaques (black) is also present, but does not exhibit the well-developed rimming relationship to the clast-like bodies seen in Sample 2. The sharply defined white area at bottom right is part of an apparent amygdule of coarse-grained calcite.

Photo IMG-1350: Same field as 1349 in cross-polarized light. The clast-like bodies and dispersed specks of minutely microgranular quartz appear white/grey. The biotite appears brown. The coarse carbonate of the amygdule shows shadowy variations in anisotropy (incipient recrystallization?).

Sample 4: Rau 08-07 38.34 m.

Photo IMG-1351: Shows sharply defined segregations (left, and bottom right) of a granular, mosaic-textured, polymineralic phase similar to that in Sample 2 (see photos IMG-1345/6). This consists of carbonate (white), phlogopite (yellowish) and probable pyrite (black). Central part of the field shows the fine-grained matrix phase of compact sericite, with dust-sized opaque material delineating a relict texture of possible feldspathic volcanic aspect.

Photo IMG-1352: Same field as 1351 in cross-polarized light. In the granular polymineralic phase the carbonate appears as pearly greys, the phlogopite as bright colours, and the probable pyrite (opaque) as black. The minutely felted sericite of the fine matrix phase appears as pastel colours.

Sample 5: Rau 08-02 50.00 m.

Photo IMG-1356: The light-coloured central part of the field is the granular aggregate of intergrown calcite and phlogopite/ muscovite which constitutes the dominant component in this sample. The darker areas at left and far right are pockets of the minutely fine-grained, silty/siliceous component, dusted with micron-sized opaques.

Photo IMG-1355: Same field as 1356 in cross-polarized light. Note close similarity of the central area to the granular polymineralic component illustrated in Samples 2 and 4 (see photos 1346 and 1356), except for a lower abundance of opaques. The areas representing the minutely fine-grained silty component (left and far right) show diffuse intergrowths of sericite (tan colours) and quartz (bluish greys).

Sample 6: Rau 08-14 18.00 m.

Photo IMG-1357: Typical field, illustrating the prominently developed lenticular texture of apparent flattened clasts, delineated by fine-grained opaques (black; locally showing partial lath-like form). The lenticular bodies consist of intergrowths of chlorite (pale green), calcite and cherty quartz (white), plus flecks of biotite (brown). The minutely fine-grained interstitial matrix phase is composed of chlorite, quartz and opaques.

Photo IMG-1358: Same field as 1357 in cross-polarized light. Calcite (confined to the fragment-like bodies) appears as tan and pearly grey colours; the chlorite appears dark blue; the cherty quartz as speckled greys; and the opaques as black.

Sample 7: Rau 08-06 101.00 m.

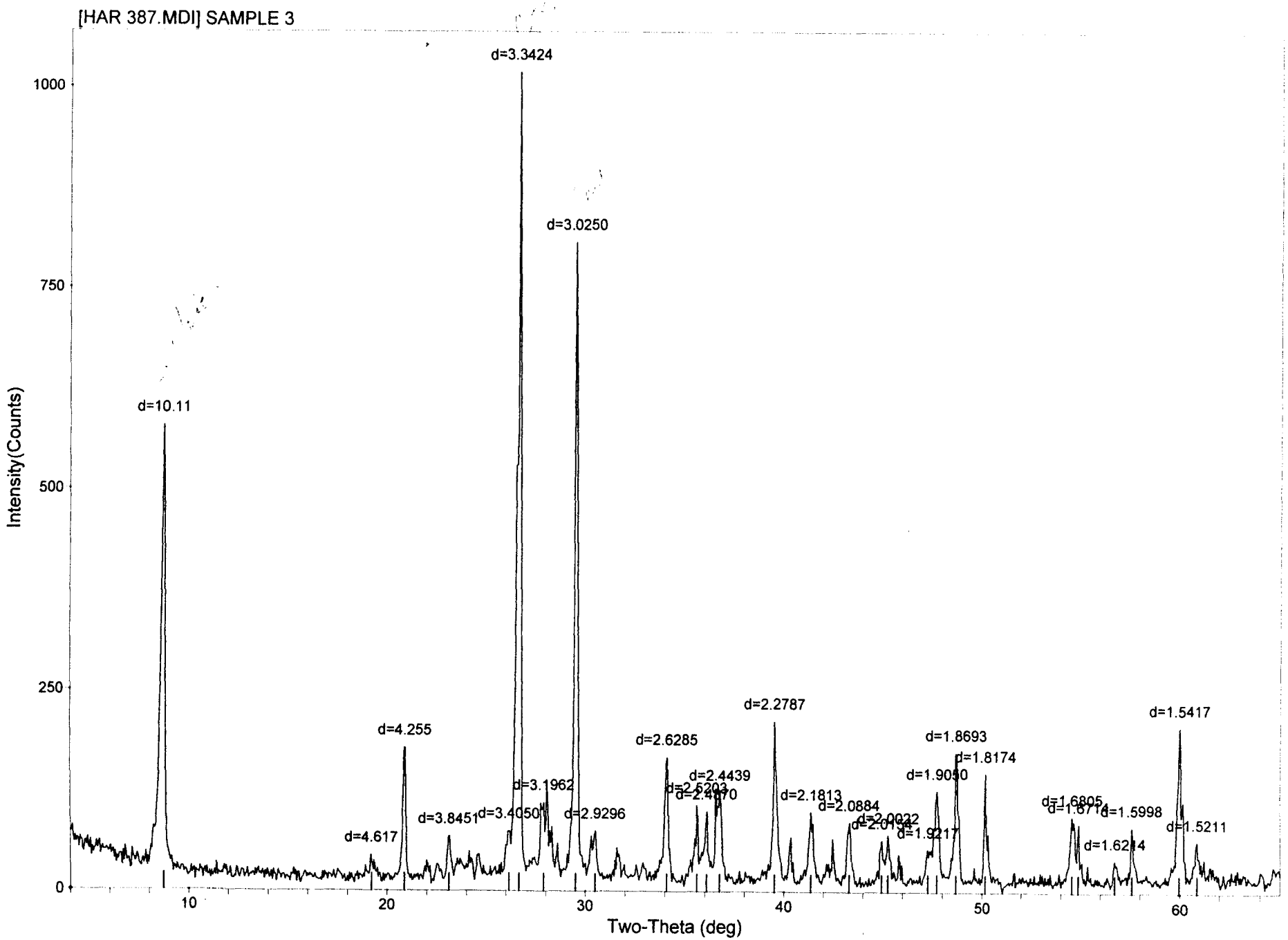
Photo IMG-1359: The bulk of this field is made up of the same granular polymineralic assemblage of carbonate (white), phlogopitic biotite (light orange), and opaques (black) seen in other samples of the suite. The areas at lower left and lower centre, showing trains of dust-sized opaques (black), are pockets of the subsidiary component of fine-grained compact sericite.

Photo IMG-1360: Same field as 1359 by cross-polarized light. The granular carbonate appears tan and pearly grey; the phlogopite flakes as bright colours, and the opaques as black areas. Note local penetration of carbonate cleavages by the opaques. The felted sericite of the subsidiary component (lower centre) appears as pastel colours.

Sample 8: Hand Specimen

Photo IMG-1361: Typical field, showing carbonate amygdules (top right; lower left) in a fine-grained groundmass of compact sericite in which a small scale, flow-like fabric is delineated by wisps of dust-sized sub-opaque material (grey). The coarser dark brown speckles and strings are limonite. The latter shows a rimming relationship to the amygdule at lower left.

Photo IMG-1362: Same field as 1361 in cross-polarized light. Note the coarse, sparry grain structure of the carbonate. The compact sericite (greys and pastel colours) locally shows platy fluidal features resembling the textures of some volcanic glass or vitric tuffs.



Materials Data, Inc.

[XRD]<C:\Documents and Settings\XRD Computer\MDI\DataScan\Controllers\Goniom1\data-2008> Tuesday, October 14, 2008 11:32a (MDI/JADE8)

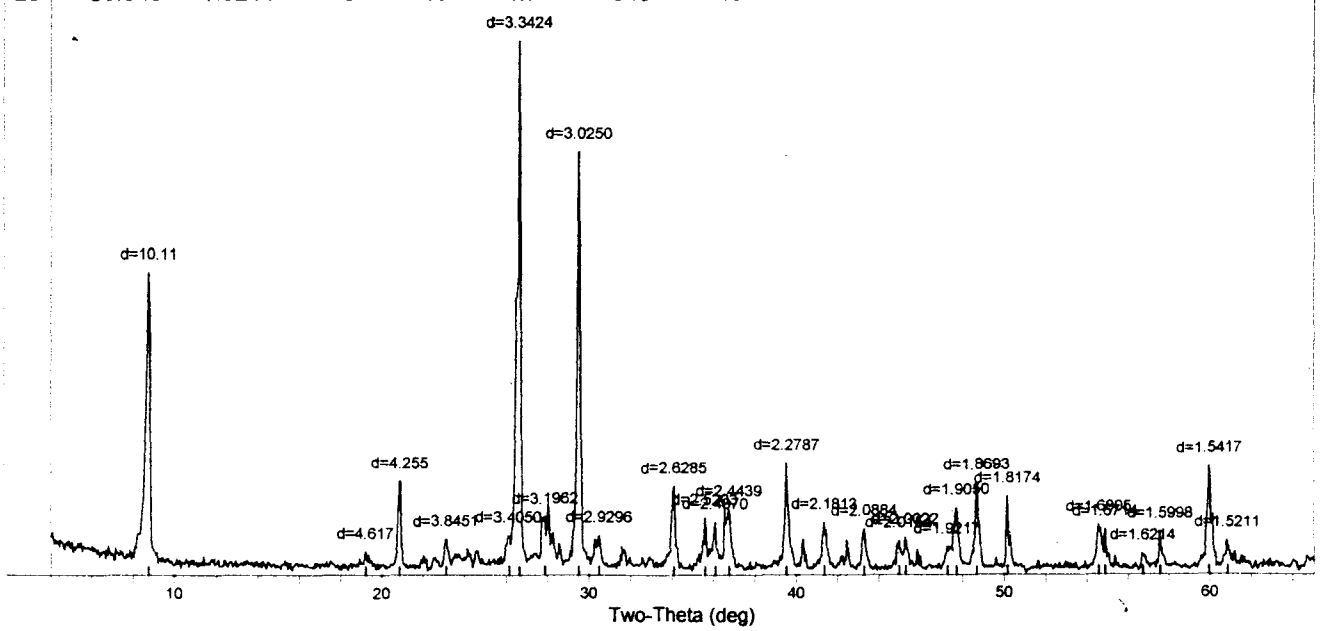
[HAR 387.MDI] SAMPLE 3 | **Peak Search Report**

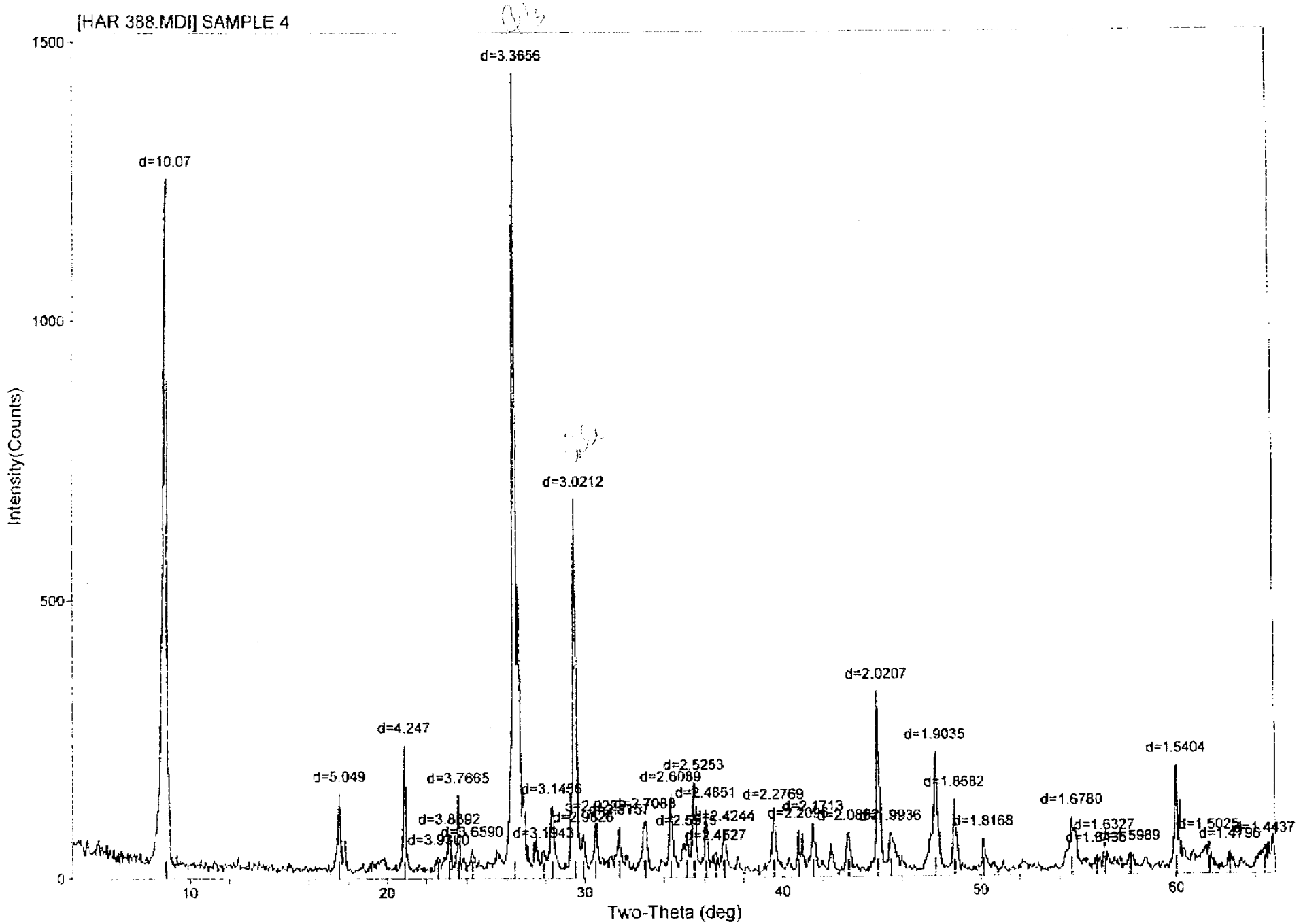
SCAN: 4.0/65.0/0.05/1(sec), Cu, I(max)=1019, 10/14/08 11:32a

PEAK: 11(pts)/Parabolic Filter, Threshold=3.0, Cutoff=0.1%, BG=3/1.0, Peak-Top=Summit

NOTE: Intensity = Counts, 2T(0)=0.0(deg), Wavelength to Compute d-Spacing = 1.54059Å (Cu/K-alpha1)

#	2-Theta	d(Å)	BG	Height	H%	Area	A%	FWHM
1	8.740	10.1089	33	545	55.2	2936	66.4	0.229
2	19.208	4.6171	17	27	2.8	147	3.3	0.228
3	20.862	4.2546	16	163	16.5	637	14.4	0.166
4	23.113	3.8451	18	50	5.1	240	5.4	0.204
5	26.150	3.4050	29	46	4.6	346	7.8	0.321
6	26.648	3.3424	32	987	100.0	4420	100.0	0.190
7	27.892	3.1962	33	78	7.9	522	11.8	0.284
8	29.505	3.0250	30	777	78.7	2965	67.1	0.162
9	30.489	2.9296	19	56	5.7	346	7.8	0.262
10	34.082	2.6285	18	150	15.2	702	15.9	0.198
11	35.592	2.5203	15	93	9.4	613	13.9	0.280
12	36.085	2.4870	22	78	7.9	446	10.1	0.243
13	36.745	2.4439	13	111	11.3	859	19.4	0.328
14	39.514	2.2787	16	197	20.0	966	21.9	0.209
15	41.358	2.1813	15	85	8.6	473	10.7	0.236
16	43.288	2.0884	14	73	7.4	341	7.7	0.198
17	44.940	2.0154	16	48	4.9	240	5.4	0.211
18	45.253	2.0022	12	59	6.0	562	12.7	0.407
19	47.262	1.9217	13	40	4.1	465	10.5	0.492
20	47.701	1.9050	16	111	11.2	828	18.7	0.318
21	48.670	1.8693	21	154	15.6	654	14.8	0.181
22	50.156	1.8174	16	133	13.5	450	10.2	0.143
23	54.565	1.6805	14	81	8.2	600	13.6	0.314
24	54.887	1.6714	15	71	7.2	296	6.7	0.176
25	56.729	1.6214	15	25	2.5	95	2.2	0.165
26	57.567	1.5998	15	67	6.8	329	7.4	0.208
27	59.951	1.5417	13	194	19.7	1131	25.6	0.247
28	60.849	1.5211	18	46	4.7	345	7.8	0.317




[HAR 388.MDI] SAMPLE 4
Intensity(Counts)
Two-Theta (deg)
d=10.07
d=3.3656
d=3.0212
d=4.247
d=5.049
d=3.7665
d=3.8892
d=3.6590
d=3.1456
d=3.1943
d=2.5253
d=2.6089
d=2.4851
d=2.2769
d=2.0207
d=1.9035
d=1.8682
d=1.8168
d=1.6780
d=1.6327
d=1.5404
d=1.4437

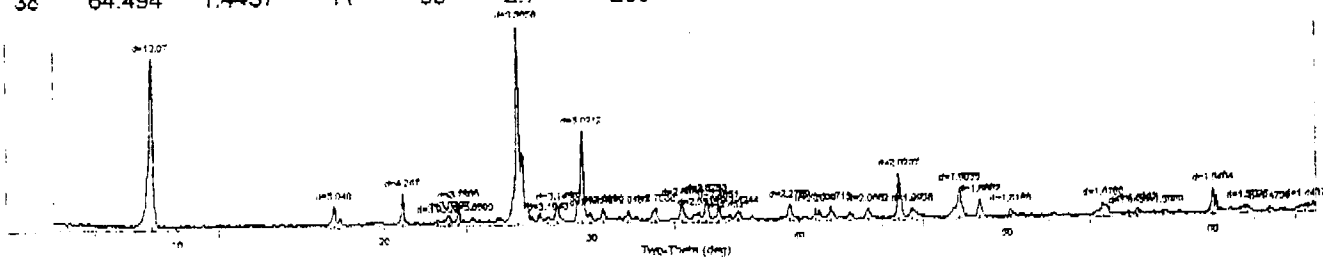
[HAR 388.MDI] SAMPLE 4 | Peak Search Report

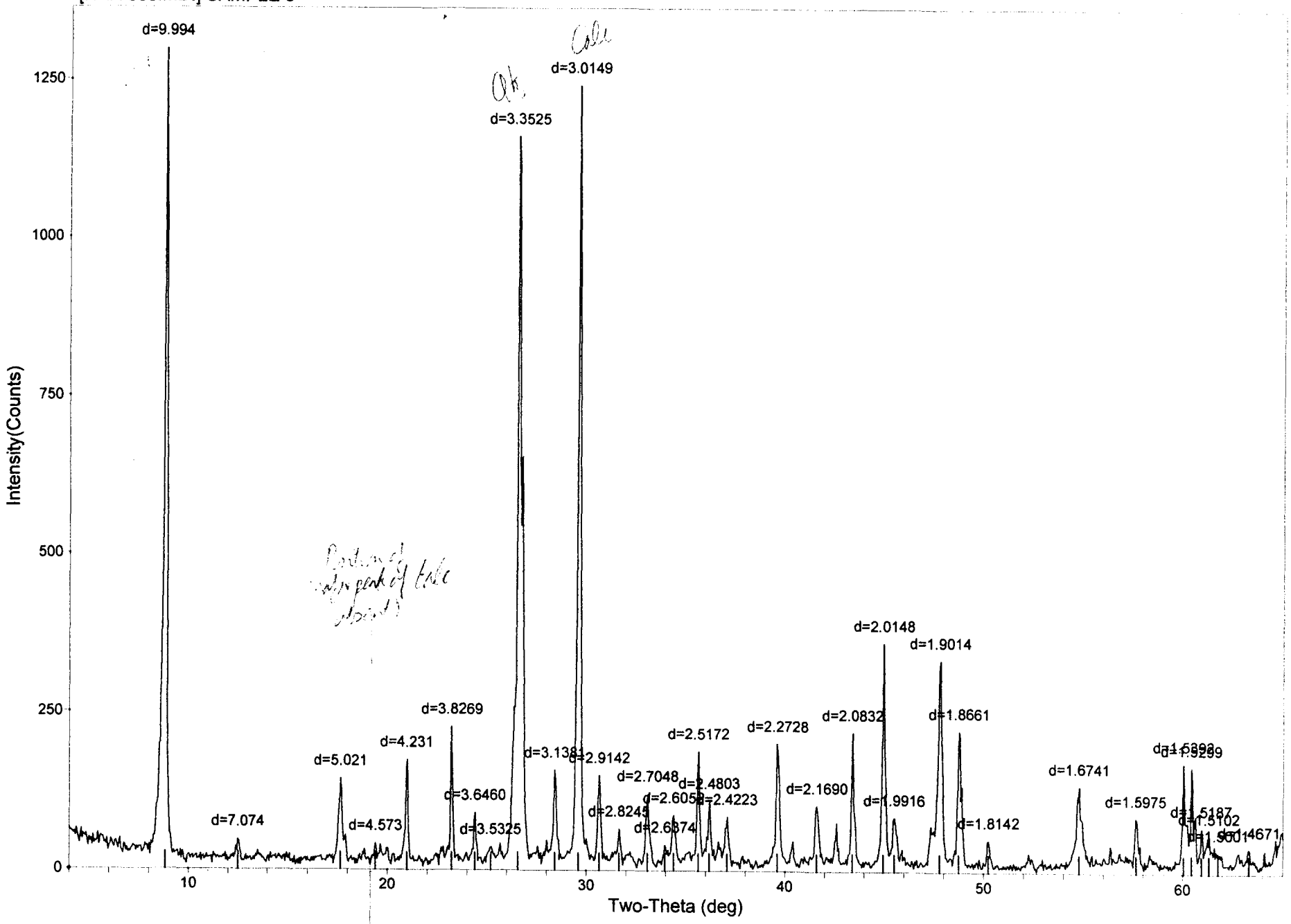
SCAN: 4.0/65.0/0.05/1(sec), Cu, I(max)=1444, 10/14/08 11:59a

PEAK: 11(pts)/Parabolic Filter, Threshold=3.0, Cutoff=0.1%, BG=3/1.0, Peak-Top=Summit

NOTE: Intensity = Counts, 2T(0)=0.0(deg), Wavelength to Compute d-Spacing = 1.54059Å (Cu/K-alpha1)

#	2-Theta	d(Å)	BG	Height	H%	Area	A%	FWHM
1	8.772	10.0727	29	1226	87.0	5920	100.0	0.205
2	17.552	5.0488	16	136	9.7	533	9.0	0.166
3	20.899	4.2471	19	221	15.7	596	10.1	0.114
4	22.607	3.9309	15	23	1.7	218	3.7	0.395
5	23.149	3.8392	15	60	4.3	555	9.4	0.390
6	23.602	3.7665	15	134	9.5	390	6.6	0.123
7	24.306	3.6590	24	28	2.0	73	1.2	0.111
8	26.462	3.3656	35	1409	100.0	5740	97.0	0.173
9	27.909	3.1943	19	31	2.2	245	4.1	0.341
10	28.349	3.1456	19	110	7.8	702	11.9	0.272
11	29.542	3.0212	23	657	46.6	2795	47.2	0.181
12	29.934	2.9826	25	53	3.8	315	5.3	0.252
13	30.560	2.9229	28	70	4.9	212	3.6	0.129
14	31.753	2.8157	19	72	5.1	413	7.0	0.243
15	33.042	2.7088	19	83	5.9	402	6.8	0.205
16	34.346	2.6089	19	131	9.3	530	9.0	0.171
17	35.143	2.5515	29	42	3.0	224	3.8	0.228
18	35.521	2.5253	36	136	9.6	422	7.1	0.132
19	36.114	2.4851	31	90	6.4	207	3.5	0.098
20	36.609	2.4527	20	24	1.7	134	2.3	0.242
21	37.050	2.4244	14	64	4.6	401	6.8	0.264
22	39.547	2.2769	14	103	7.3	560	9.5	0.231
23	40.805	2.2096	19	64	4.5	125	2.1	0.083
24	41.557	2.1713	22	73	5.2	204	3.5	0.119
25	43.337	2.0862	12	66	4.7	326	5.5	0.211
26	44.817	2.0207	12	321	22.8	1224	20.7	0.162
27	45.459	1.9936	16	61	4.3	568	9.6	0.394
28	47.741	1.9035	16	207	14.7	1171	19.8	0.240
29	48.701	1.8682	16	121	8.6	435	7.3	0.153
30	50.173	1.8168	12	54	3.8	253	4.3	0.199
31	54.654	1.6780	14	89	6.3	768	13.0	0.367
32	55.898	1.6435	16	18	1.2	62	1.1	0.151
33	56.302	1.6327	18	39	2.8	202	3.4	0.218
34	57.602	1.5989	18	19	1.3	117	2.0	0.264
35	60.007	1.5404	16	179	12.7	661	11.2	0.157
36	61.686	1.5025	14	42	3.0	484	8.2	0.493
37	62.745	1.4796	13	26	1.8	85	1.4	0.140
38	64.494	1.4437	11	38	2.7	290	4.9	0.324





Materials Data, Inc.

[XRD]<C:\Documents and Settings\XRD Computer\MDI\DataScan\Controllers\Goniom1\data-2008> Tuesday, October 14, 2008 10:43a (MDI/JADE8)

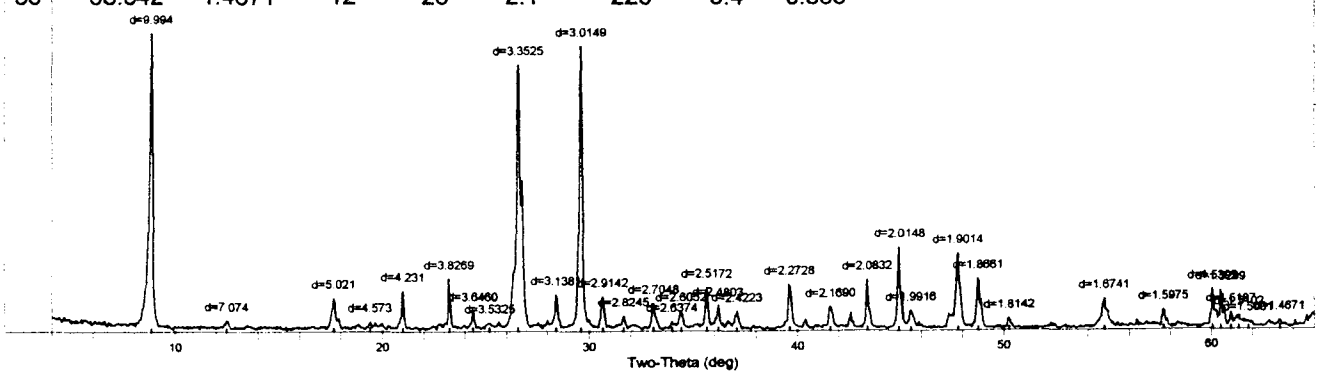
[HAR 385.MDI] SAMPLE 5 | **Peak Search Report**

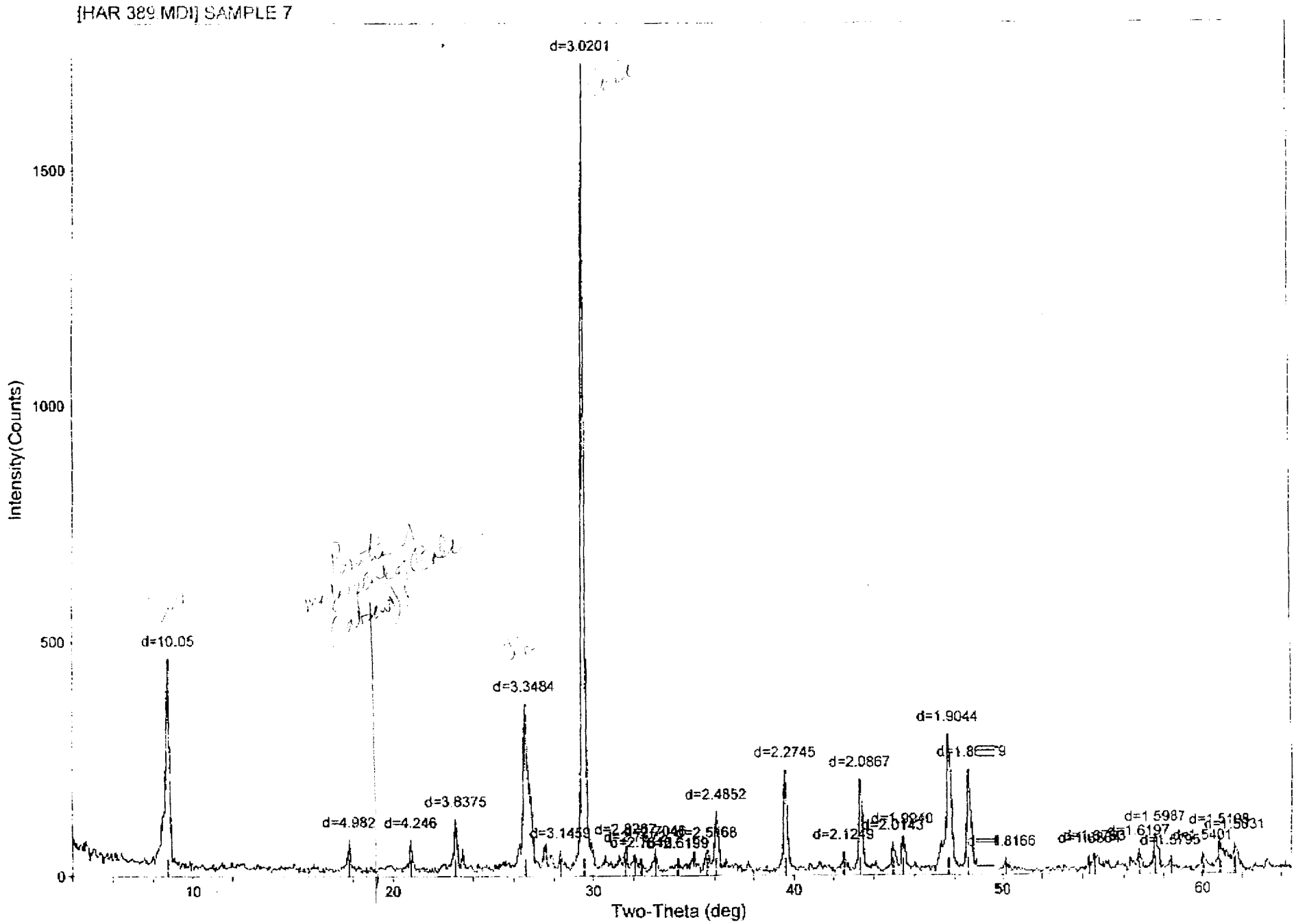
SCAN: 4.0/65.0/0.05/1(sec), Cu, I(max)=1299, 10/14/08 10:42a

PEAK: 11(pts)/Parabolic Filter, Threshold=3.0, Cutoff=0.1%, BG=3/1.0, Peak-Top=Summit

NOTE: Intensity = Counts, 2T(0)=0.0(deg), Wavelength to Compute d-Spacing = 1.54059Å (Cu/K-alpha1)

#	2-Theta	d(Å)	BG	Height	H%	Area	A%	FWHM
1	8.841	9.9937	17	1282	100.0	5882	89.6	0.195
2	12.503	7.0736	17	30	2.3	103	1.6	0.146
3	17.649	5.0212	18	126	9.8	577	8.8	0.196
4	19.396	4.5728	17	24	1.9	137	2.1	0.240
5	20.981	4.2308	16	158	12.3	497	7.6	0.134
6	23.224	3.8269	21	206	16.1	508	7.7	0.105
7	24.393	3.6460	16	74	5.8	234	3.6	0.135
8	25.190	3.5325	15	21	1.7	209	3.2	0.418
9	26.567	3.3525	26	1135	88.5	6568	100.0	0.246
10	28.419	3.1381	21	137	10.7	559	8.5	0.174
11	29.606	3.0149	33	1209	94.3	4178	63.6	0.147
12	30.654	2.9142	26	124	9.7	368	5.6	0.126
13	31.652	2.8245	16	49	3.8	220	3.3	0.191
14	33.092	2.7048	12	109	8.5	440	6.7	0.172
15	33.964	2.6374	13	27	2.1	137	2.1	0.219
16	34.396	2.6052	16	71	5.5	401	6.1	0.240
17	35.638	2.5172	18	171	13.3	692	10.5	0.172
18	36.186	2.4803	28	82	6.4	233	3.5	0.120
19	37.084	2.4223	14	71	5.6	408	6.2	0.244
20	39.621	2.2728	12	190	14.8	881	13.4	0.197
21	41.604	2.1690	18	85	6.7	402	6.1	0.200
22	43.401	2.0832	11	209	16.3	699	10.6	0.142
23	44.954	2.0148	12	350	27.3	1314	20.0	0.160
24	45.507	1.9916	14	72	5.6	542	8.2	0.322
25	47.796	1.9014	13	322	25.1	1912	29.1	0.252
26	48.760	1.8661	12	211	16.5	971	14.8	0.195
27	50.250	1.8142	10	40	3.1	147	2.2	0.158
28	54.792	1.6741	13	123	9.6	829	12.6	0.286
29	57.657	1.5975	13	73	5.7	285	4.3	0.167
30	60.059	1.5392	11	162	12.7	765	11.6	0.200
31	60.461	1.5299	10	157	12.2	874	13.3	0.237
32	60.955	1.5187	10	61	4.7	373	5.7	0.261
33	61.335	1.5102	13	46	3.6	555	8.4	0.511
34	61.794	1.5001	13	20	1.6	321	4.9	0.678
35	63.342	1.4671	12	26	2.1	226	3.4	0.363




[HAR 389 MDI] SAMPLE 7
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1000
500
0
Intensity(Counts)
d=10.05
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d=4.246
d=3.8375
d=3.3484
d=3.1459
d=2.4852
d=2.2745
d=2.0867
d=1.9044
d=1.8166
d=1.5987
10
20
30
40
50
60
Two-Theta (deg)

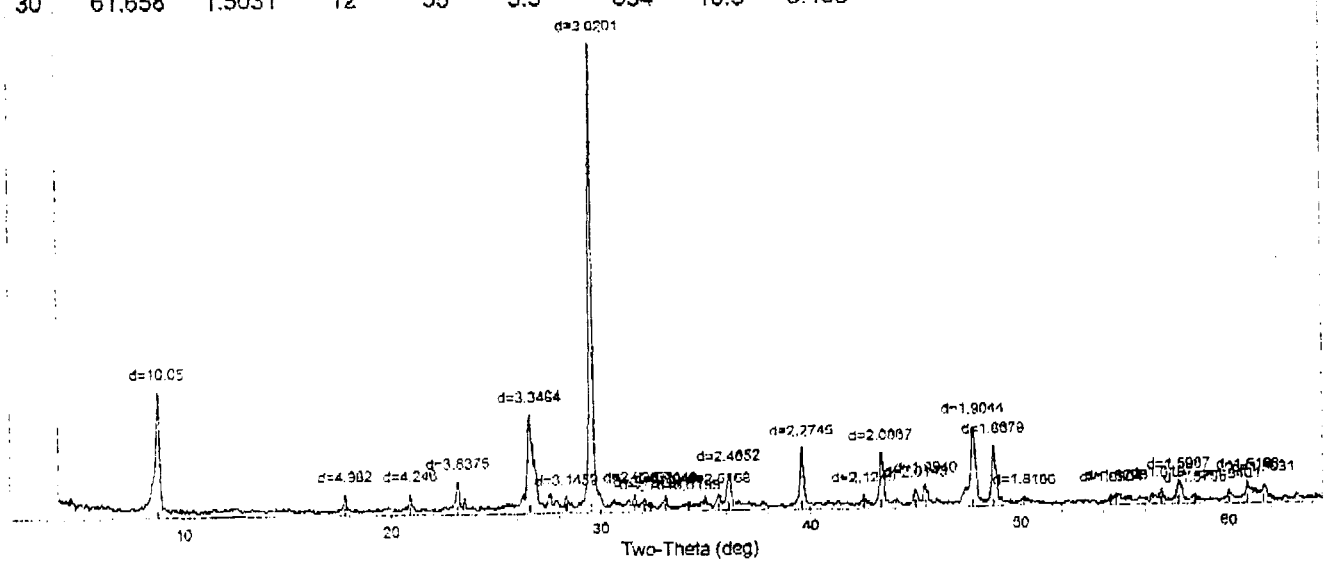
[HAR 389.MDI] SAMPLE 7 — **Peak Search Report**

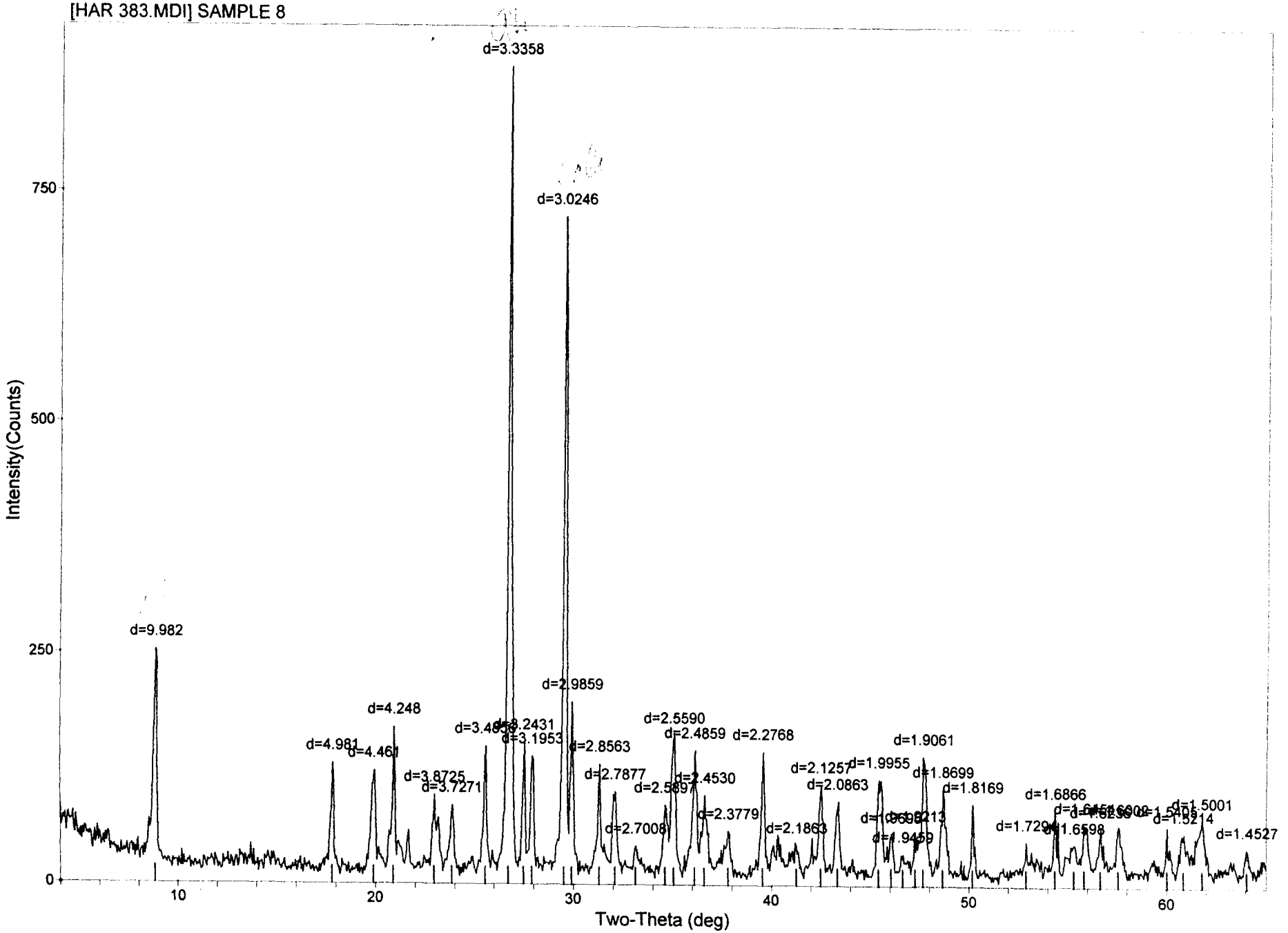
SCAN: 4.0/64.5/0.05/1(sec), Cu, I(max)=1726, 10/14/08 12:58p

PEAK: 11(pts)/Parabolic Filter, Threshold=3.0, Cutoff=0.1%, BG=3/1.0, Peak-Top=Summit

NOTE: Intensity = Counts, 2T(0)=0.0(deg), Wavelength to Compute d-Spacing = 1.54059Å (Cu/K-alpha1)

#	2-Theta	d(Å)	BG	Height	H%	Area	A%	FWHM
1	8.788	10.0544	28	437	25.7	2322	37.8	0.226
2	17.791	4.9816	13	66	3.9	279	4.5	0.179
3	20.904	4.2462	15	63	3.7	226	3.7	0.153
4	23.159	3.8375	15	108	6.3	559	9.1	0.220
5	26.600	3.3484	26	343	20.1	2275	37.0	0.282
6	28.347	3.1459	22	33	2.0	84	1.4	0.107
7	29.554	3.0201	21	1705	100.0	6150	100.0	0.153
8	31.627	2.8267	12	51	3.0	420	6.8	0.353
9	32.087	2.7872	12	34	2.0	248	4.0	0.314
10	32.393	2.7616	11	23	1.3	132	2.1	0.244
11	33.095	2.7046	12	46	2.7	159	2.6	0.146
12	34.198	2.6199	11	21	1.2	156	2.5	0.316
13	35.644	2.5168	17	38	2.2	167	2.7	0.188
14	36.113	2.4852	19	118	6.9	573	9.3	0.207
15	39.591	2.2745	11	216	12.7	981	16.0	0.193
16	42.509	2.1249	13	36	2.1	119	1.9	0.142
17	43.325	2.0867	14	192	11.2	895	14.5	0.198
18	44.966	2.0143	13	56	3.3	244	4.0	0.185
19	45.449	1.9940	13	70	4.1	443	7.2	0.268
20	47.719	1.9044	20	282	16.5	1637	26.6	0.247
21	48.708	1.8679	17	210	12.3	1030	16.7	0.209
22	50.177	1.8166	11	23	1.3	98	1.6	0.186
23	54.357	1.6864	12	27	1.6	104	1.7	0.161
24	54.607	1.6793	13	31	1.8	286	4.6	0.389
25	56.794	1.6197	19	36	2.1	137	2.2	0.160
26	57.609	1.5987	16	69	4.0	321	5.2	0.198
27	58.377	1.5795	13	21	1.2	63	1.0	0.130
28	60.023	1.5401	14	30	1.8	119	1.9	0.167
29	60.909	1.5198	18	60	3.5	459	7.5	0.327
30	61.658	1.5031	12	55	3.3	634	10.3	0.486





Materials Data, Inc.

[XRD]<C:\Documents and Settings\XRD Computer\MDI\DataScan\Controllers\Goniom1\data-2008> Tuesday, October 14, 2008 10:06a (MDI/JADE8)

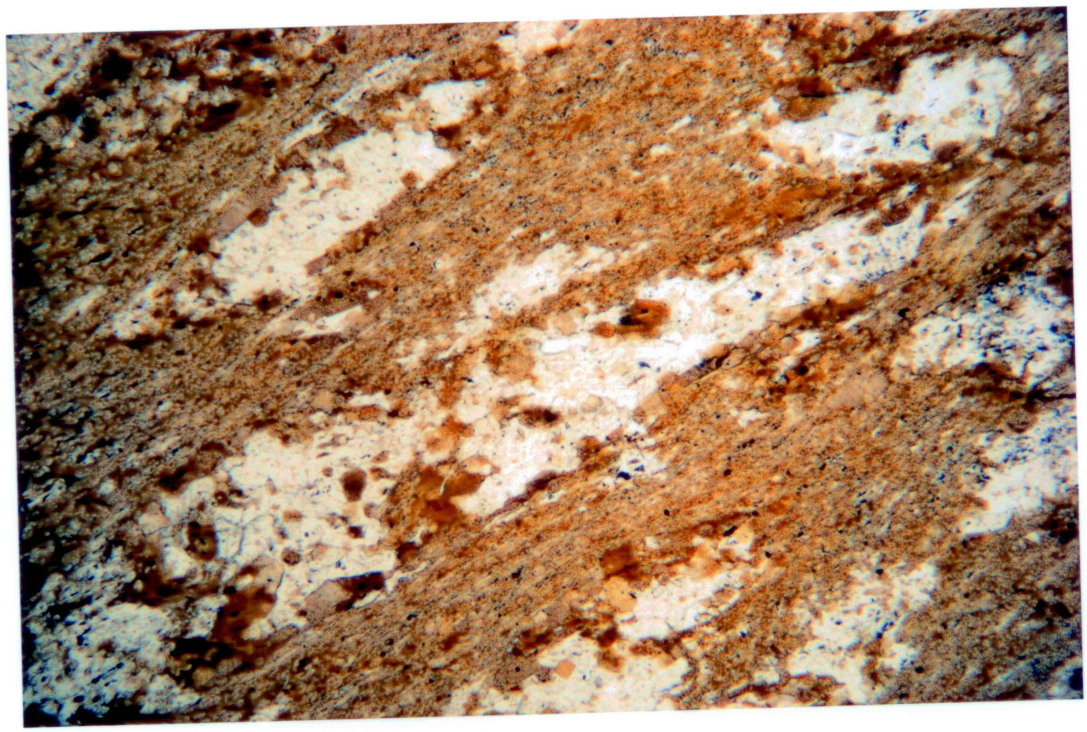
[HAR 383.MDI] SAMPLE 8 | **Peak Search Report**

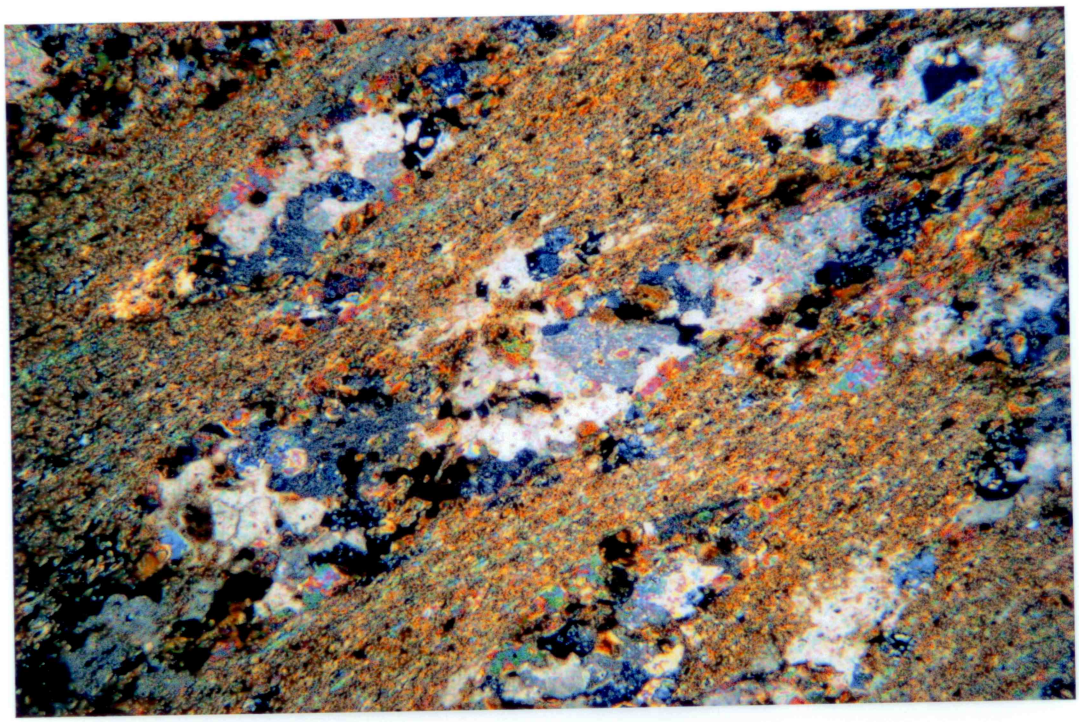
SCAN: 4.0/65.0/0.05/1(sec), Cu, I(max)=887.0, 10/14/08 10:01a

PEAK: 11(pts)/Parabolic Filter, Threshold=3.0, Cutoff=0.1%, BG=3/1.0, Peak-Top=Summit

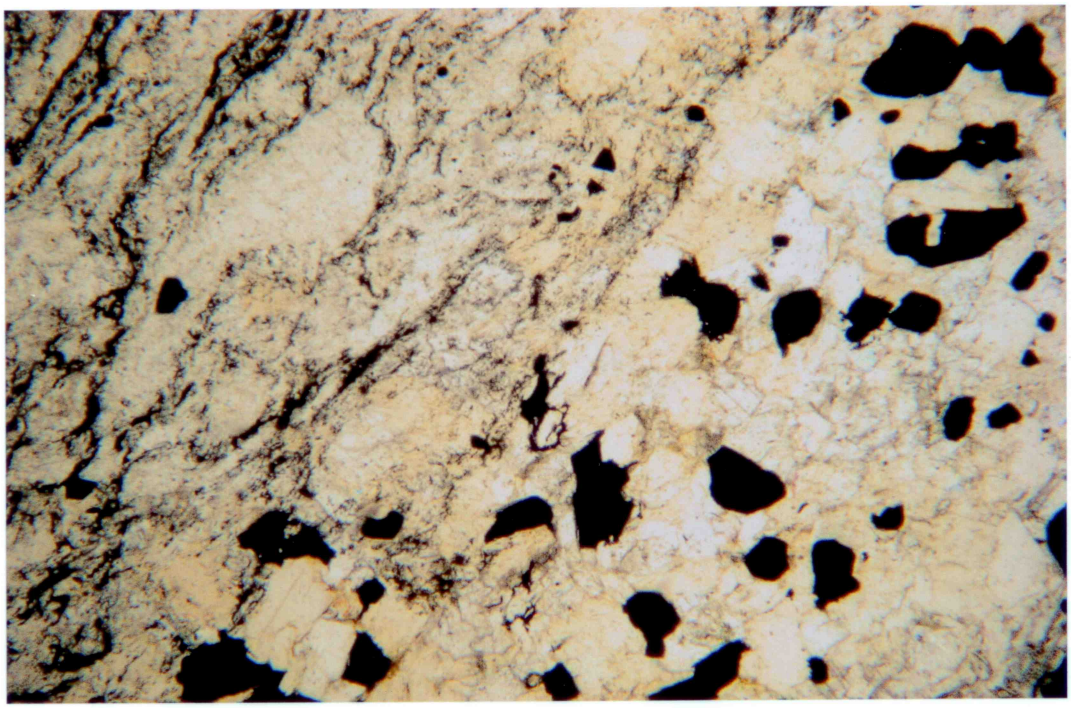
NOTE: Intensity = Counts, 2T(0)=0.0(deg), Wavelength to Compute d-Spacing = 1.54059Å (Cu/K-alpha1)

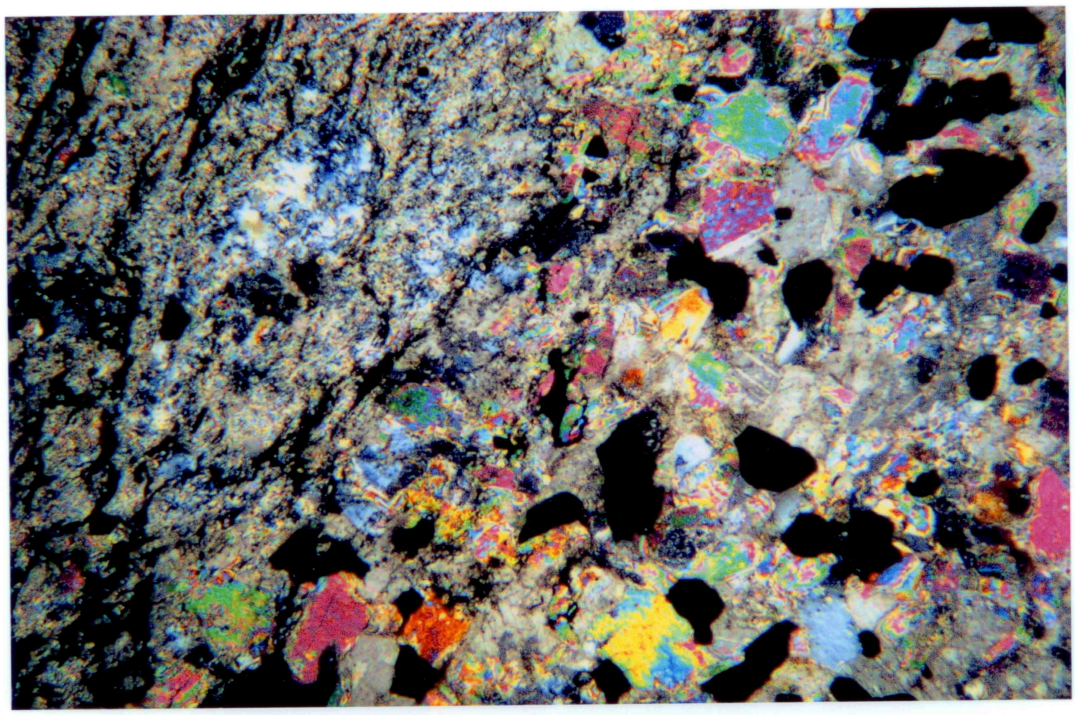
#	2-Theta	d(Å)	BG	Height	H%	Area	A%	FWHM
1	8.851	9.9824	23	230	26.8	1243	35.0	0.229
2	17.792	4.9811	17	114	13.3	466	13.1	0.174
3	19.888	4.4606	14	109	12.7	728	20.5	0.284
4	20.896	4.2477	18	152	17.6	721	20.3	0.202
5	22.947	3.8725	23	74	8.6	391	11.0	0.226
6	23.855	3.7271	16	70	8.2	351	9.9	0.212
7	25.535	3.4856	21	129	15.0	466	13.1	0.153
8	26.702	3.3358	27	860	100.0	3548	100.0	0.175
9	27.480	3.2431	28	126	14.7	372	10.5	0.125
10	27.899	3.1953	25	114	13.2	430	12.1	0.161
11	29.509	3.0246	22	701	81.5	2938	82.8	0.178
12	29.900	2.9859	22	176	20.5	701	19.7	0.169
13	31.291	2.8563	24	107	12.4	272	7.7	0.108
14	32.081	2.7877	21	80	9.3	381	10.8	0.204
15	33.143	2.7008	19	23	2.7	75	2.1	0.138
16	34.608	2.5897	17	70	8.2	516	14.5	0.312
17	35.037	2.5590	17	145	16.8	1133	31.9	0.333
18	36.102	2.4859	19	127	14.8	762	21.5	0.255
19	36.604	2.4530	22	76	8.9	470	13.2	0.262
20	37.803	2.3779	12	47	5.4	395	11.1	0.360
21	39.550	2.2768	12	133	15.4	613	17.3	0.196
22	41.259	2.1863	20	24	2.8	138	3.9	0.244
23	42.492	2.1257	17	93	10.8	561	15.8	0.256
24	43.335	2.0863	15	77	9.0	412	11.6	0.226
25	45.413	1.9955	16	100	11.6	785	22.1	0.335
26	46.048	1.9695	12	44	5.1	696	19.6	0.670
27	46.640	1.9459	12	23	2.7	188	5.3	0.346
28	47.271	1.9213	12	46	5.4	391	11.0	0.360
29	47.673	1.9061	22	119	13.8	739	20.8	0.264
30	48.654	1.8699	19	87	10.1	421	11.9	0.205
31	50.170	1.8169	14	76	8.9	241	6.8	0.135
32	52.898	1.7294	13	36	4.2	340	9.6	0.401
33	54.352	1.6866	21	63	7.3	164	4.6	0.111
34	55.302	1.6598	22	24	2.8	225	6.4	0.399
35	55.827	1.6454	22	46	5.3	468	13.2	0.436
36	56.644	1.6236	23	41	4.8	154	4.3	0.160
37	57.551	1.6002	14	53	6.2	377	10.6	0.302
38	60.006	1.5405	19	47	5.4	163	4.6	0.148
39	60.837	1.5214	20	39	4.6	312	8.8	0.338
40	61.794	1.5001	15	59	6.9	616	17.4	0.442
41	64.047	1.4527	15	28	3.2	105	2.9	0.161



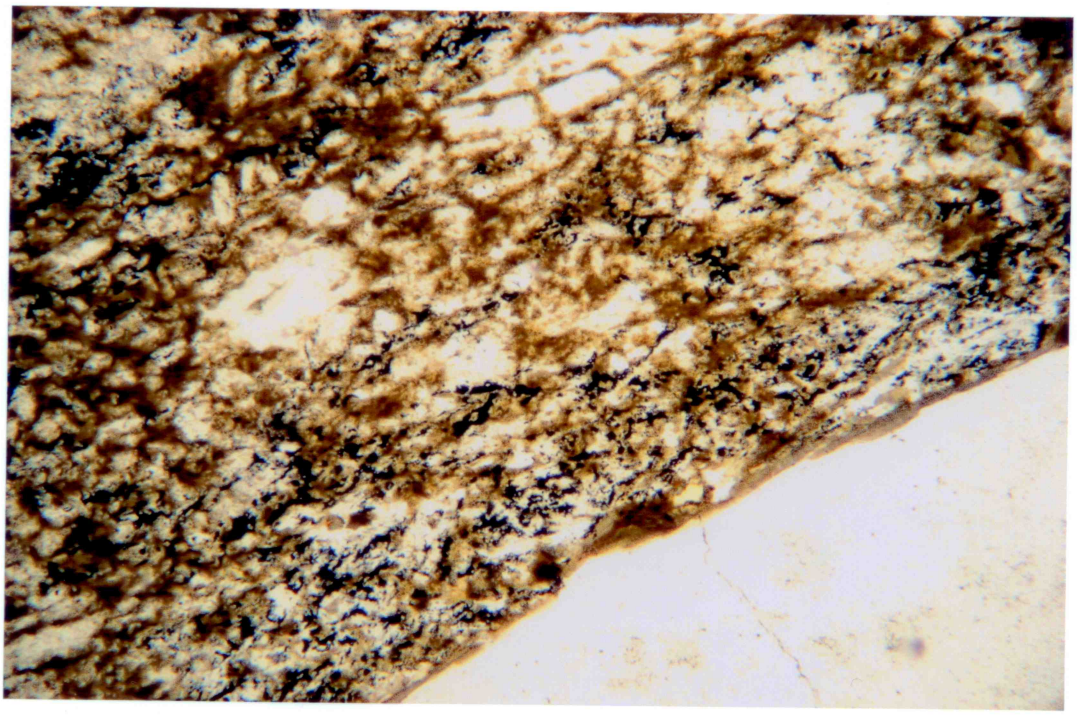


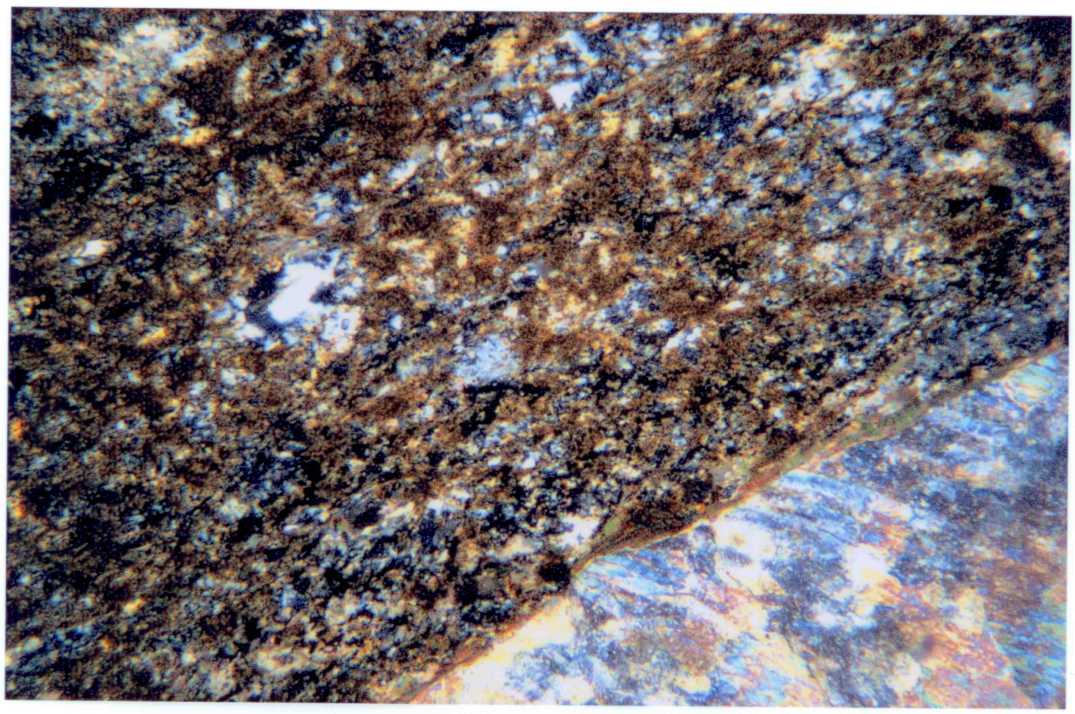
SAMPLE 1



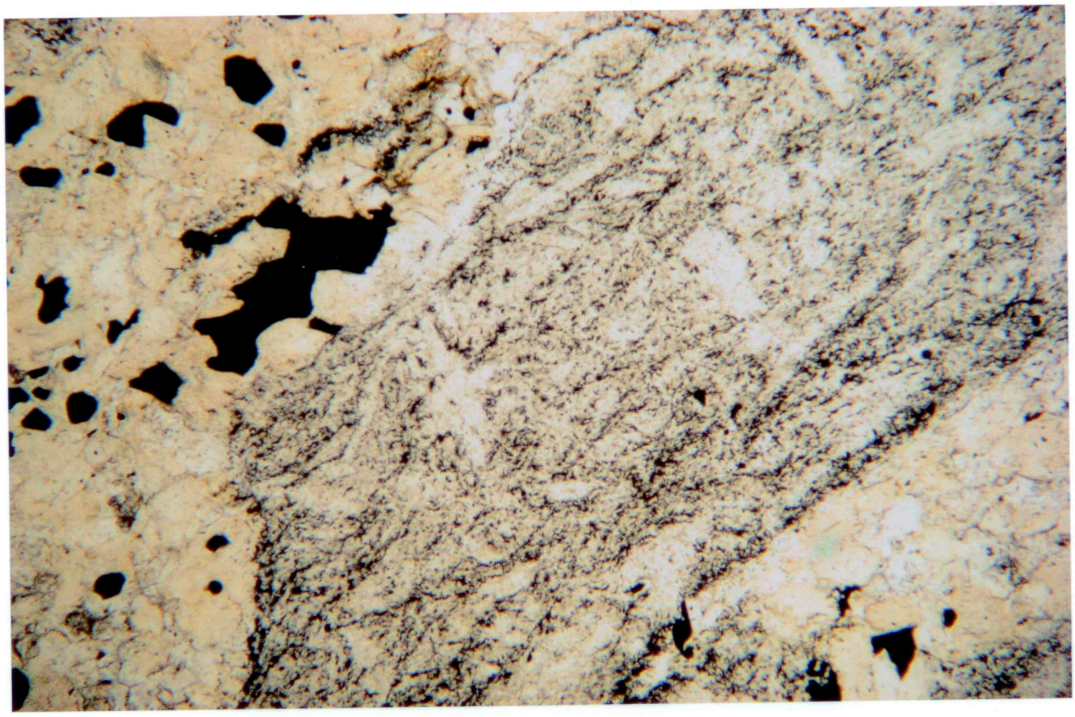


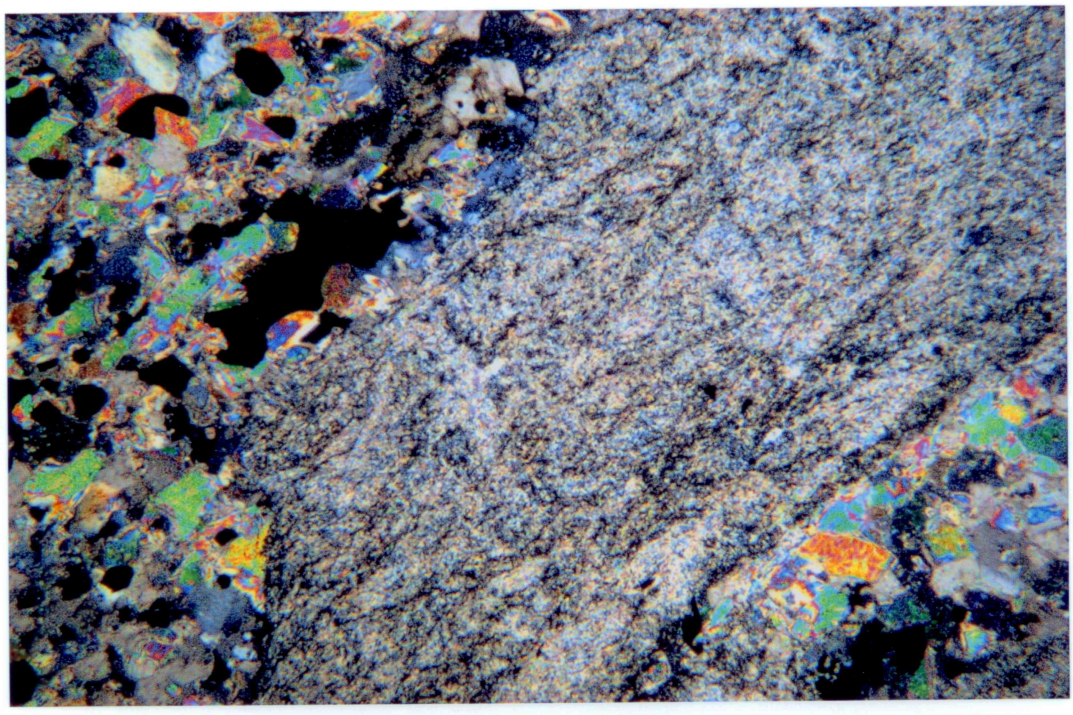
SAMPLE 2





SAMPLE 3





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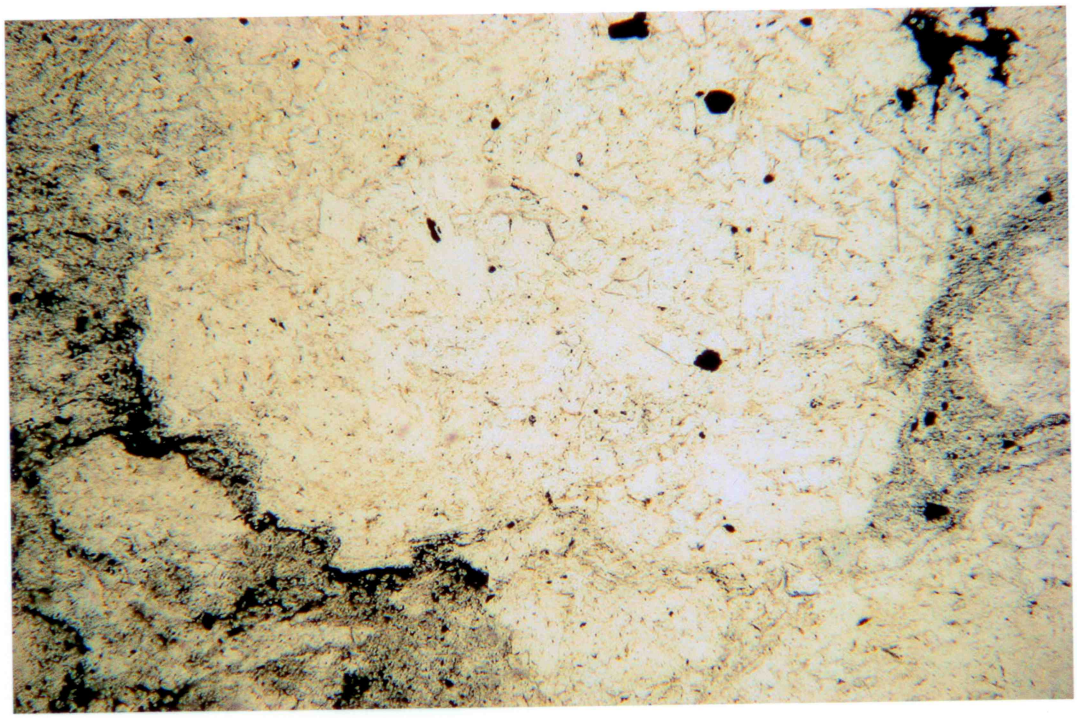

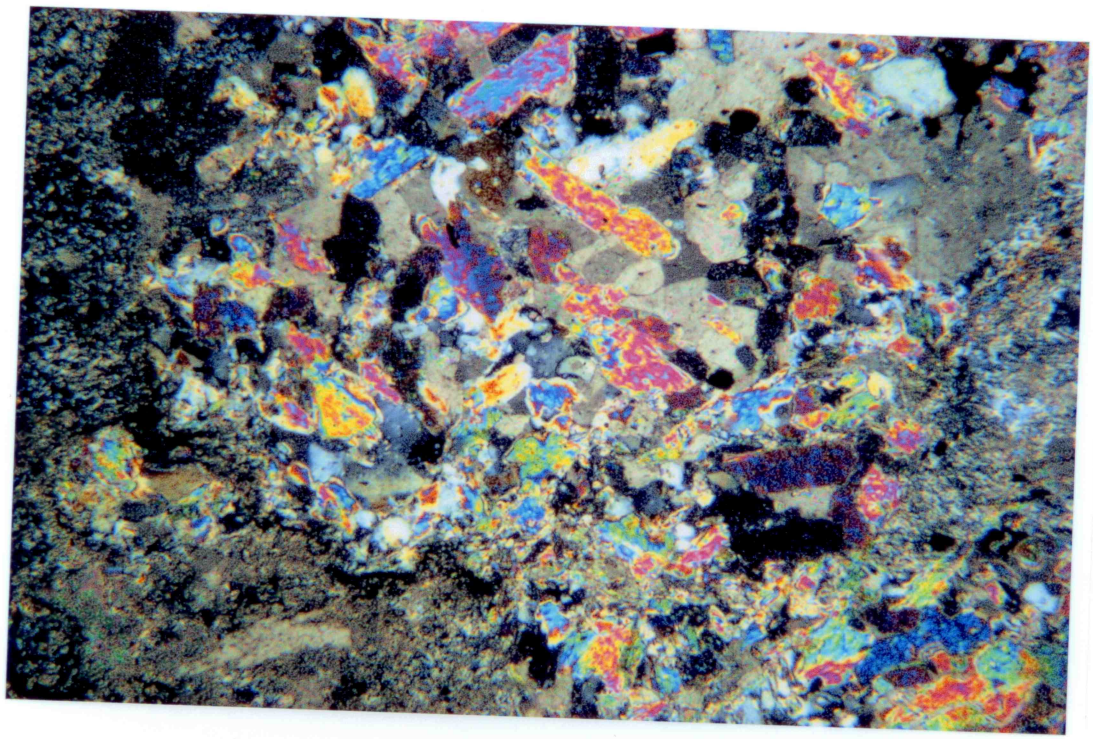

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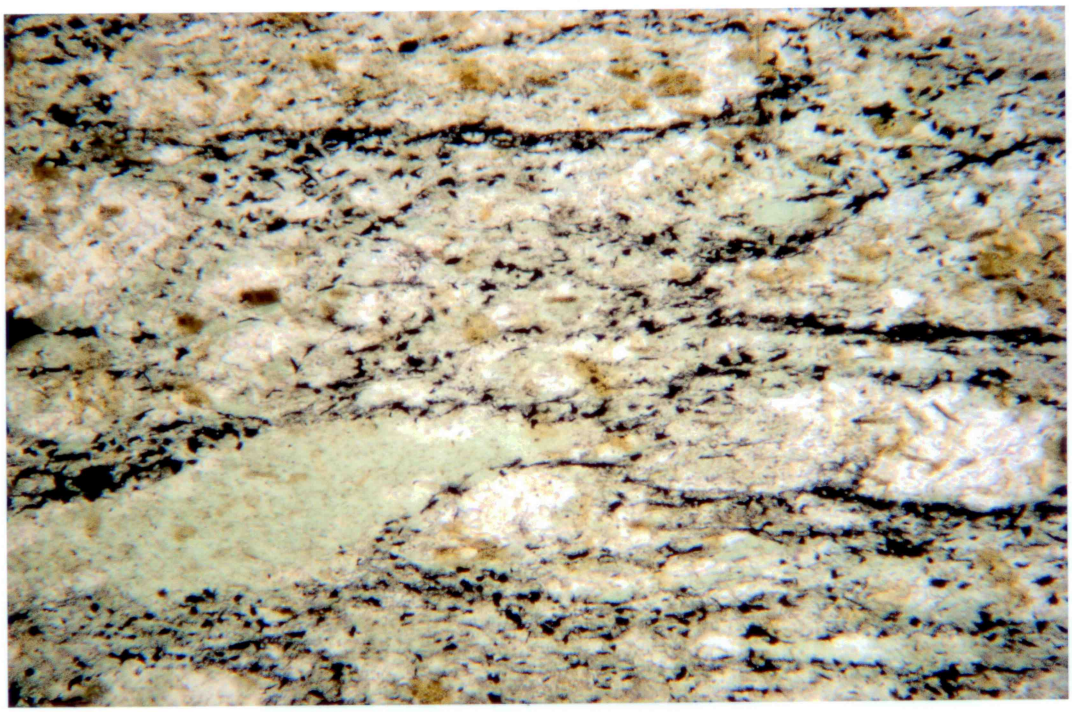

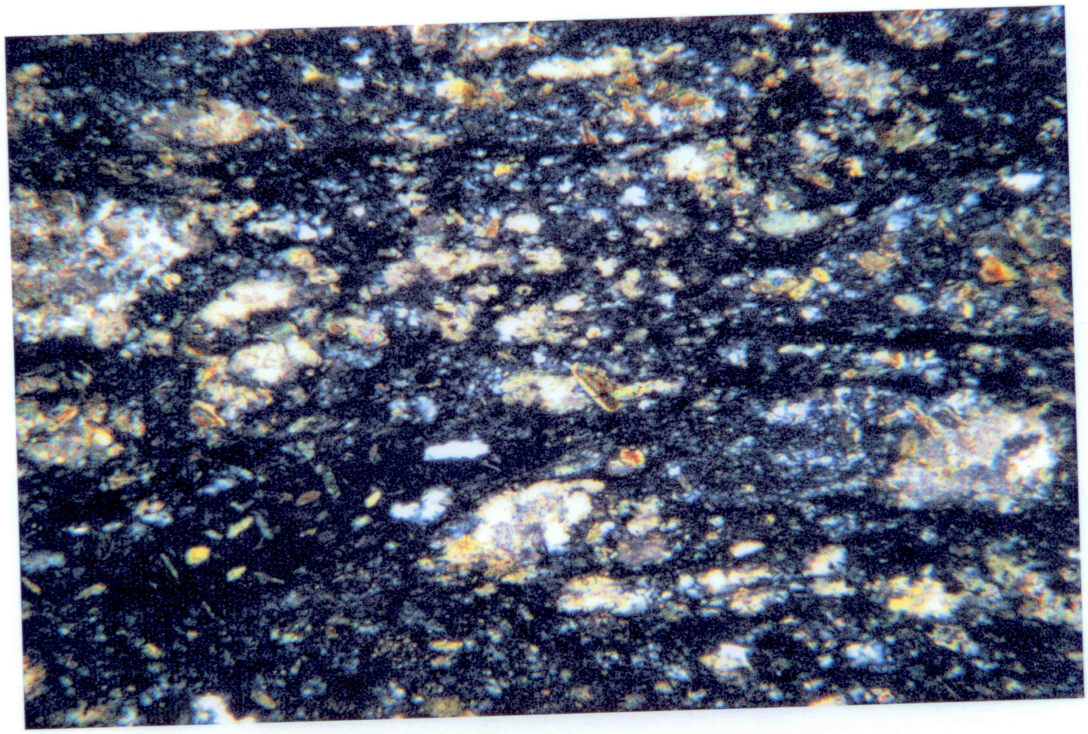

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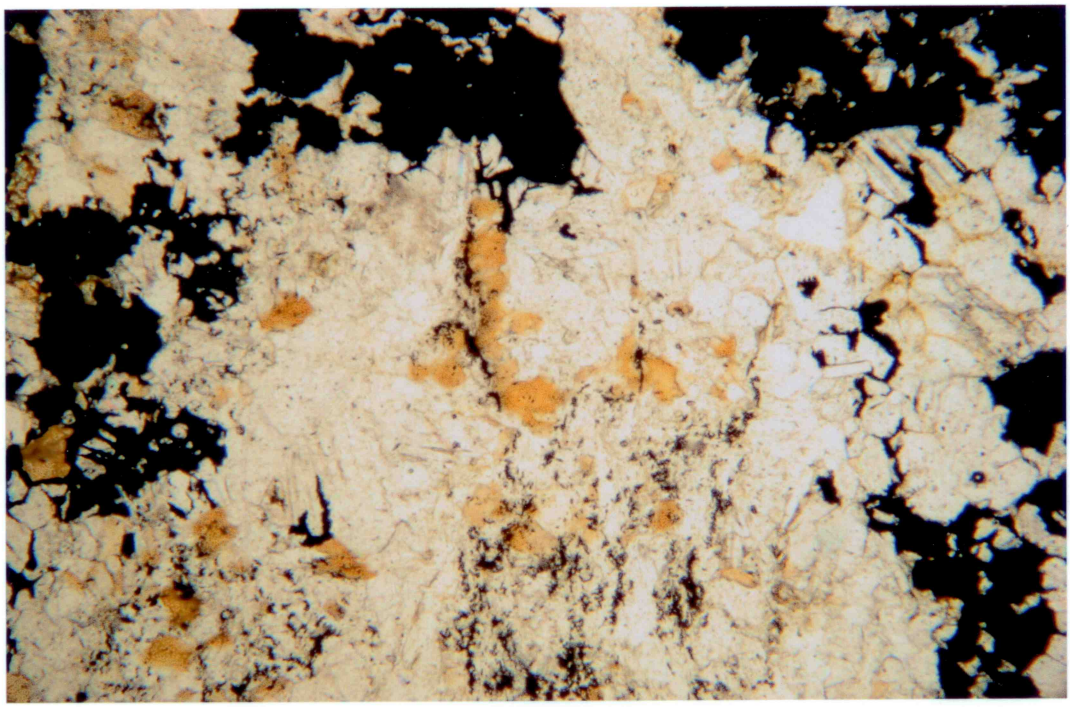

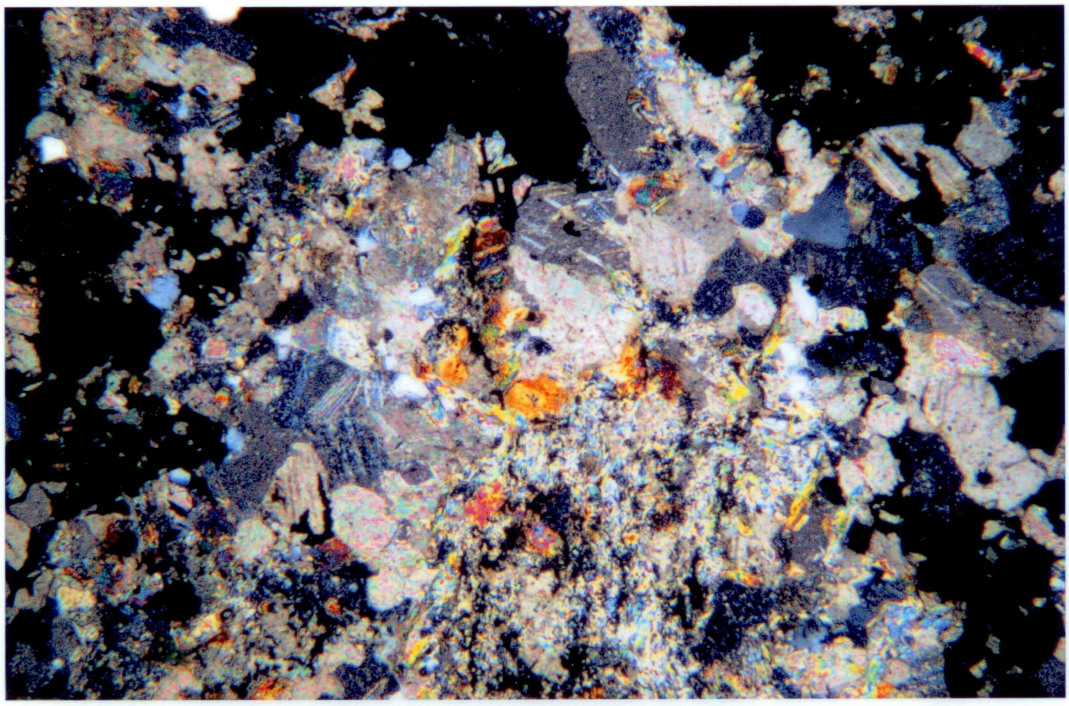

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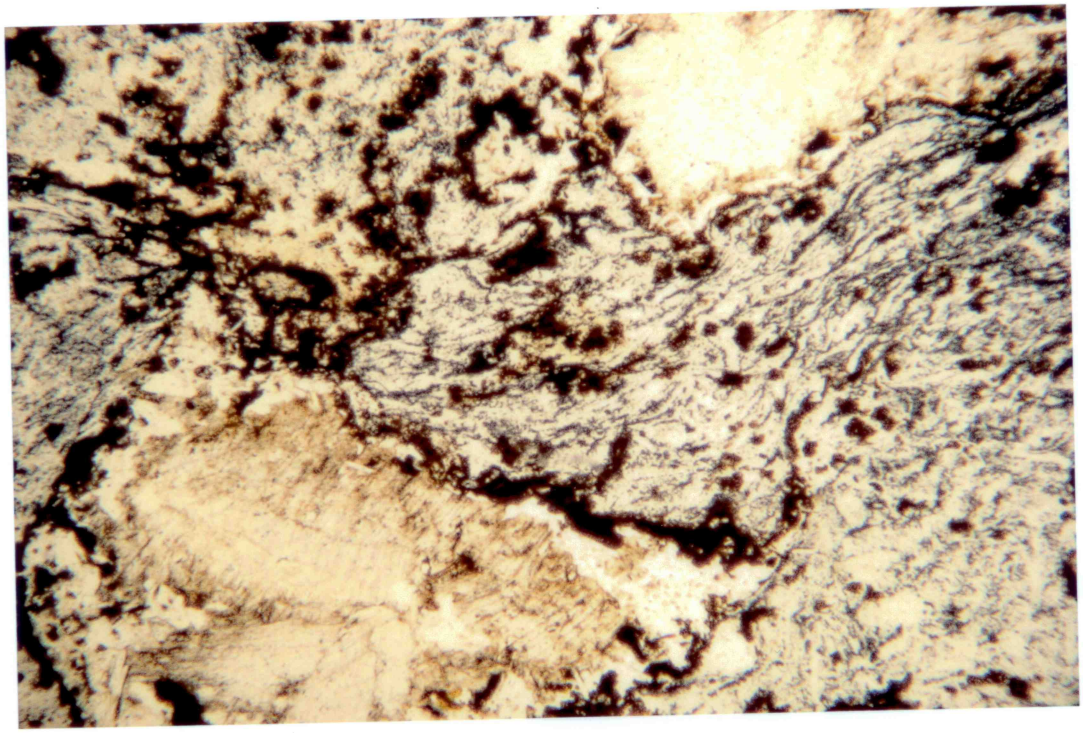
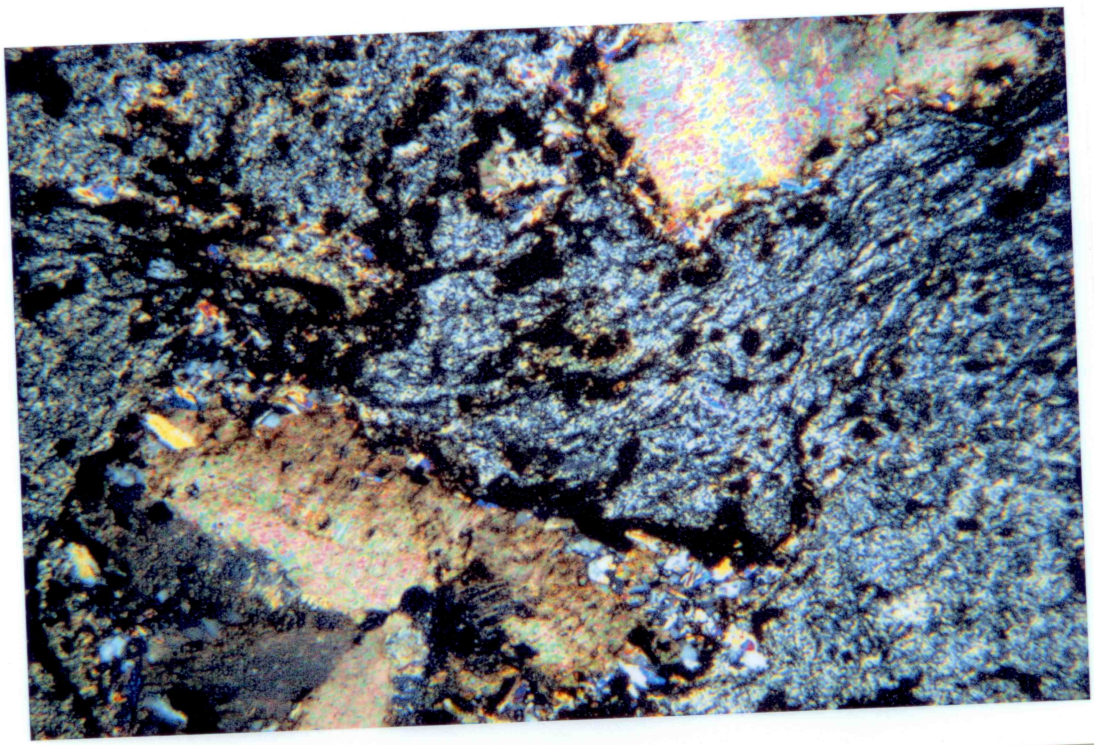




SAMPLE 8

APPENDIX VIII

DENSITY MEASUREMENTS

Hole	Depth	Unit	Magnetic Susceptibility	length (cm)	Weight -in air	-in water	Density	S.G.
Rau-08-15B	184.40	DOL	0.10	14.2	537.9	346.5	2.73	2.81
Rau-08-18	54.00	DOL	-0.06	15.6	602.6	390.5	2.79	2.84
Rau-08-17	85.34	DOL	0.08	12.2	471.5	304.6	2.79	2.83
Rau-08-17	132.30	DOL	-0.02	11.0	426.4	275.3	2.80	2.82
Rau-08-15B	98.92	DOL	-0.04	13.2	513.4	331.4	2.81	2.82
Rau-08-13	53.34	DOL	0.00	11.0	427.9	276.8	2.81	2.83
Rau-08-11	79.13	DOL	0.00	18.6	727.0	443.3	2.82	2.56
Rau-08-12	131.98	DOL	0.00	10.4	407.1	260.8	2.83	2.78
Rau-08-15	100.58	DOL	0.00	10.6	415.3	266.2	2.83	2.79
Rau-08-13	117.35	DOL	0.00	13.4	529.7	342.7	2.85	2.83
Rau-08-13	83.82	DOL	0.02	13.9	549.5	356.9	2.85	2.85
Rau-08-15B	124.66	DOL	0.02	14.9	591.9	382.2	2.87	2.82
Rau-08-12	147.83	DOL	0.02	14.4	572.8	370.1	2.87	2.83
Rau-08-15	123.44	DOL	-0.06	12.3	490.3	316.1	2.88	2.81
Rau-08-12	167.70	DOL	0.00	15.9	634.1	409.8	2.88	2.83
Rau-08-11	95.91	DOL	0.04	15.2	608.5	398.2	2.89	2.89
Rau-08-17	104.25	DOL	2.21	12.9	520.5	346.3	2.91	2.99
Rau-08-15B	164.60	DOL	0.02	13.9	562.4	364.4	2.92	2.84
Rau-08-17	62.50	DOL	0.00	9.9	409.4	264.2	2.98	2.82
Rau-08-12	124.97	DOL	0.02	9.5	395.1	255.8	3.00	2.84
Rau-08-13	73.15	DOL	-0.02	9.0	375.5	241.0	3.01	2.79
Rau-08-13	155.45	DOL	0.00	13.2	559.4	365.9	3.06	2.89
Rau-08-13	164.59	DOL	0.06	7.1	305.1	197.7	3.10	2.84
Rau-08-17	68.45	DOL	2.93	11.2	503.4	351.0	3.24	3.30
Rau-08-12	185.93	DOL	3.32	11.6	565.1	402.7	3.52	3.48
Rau-08-13	95.60	DOL	3.13	10.4	508.7	354.8	3.53	3.31
Rau-08-13	131.25	DOL	0.06	13.6	735.7	542.4	3.90	3.81
Rau-08-13	188.98	DOL	-0.02	10.5	599.2	445.9	4.12	3.91
						Average	**3.02**	**2.96**
Rau-08-14	114.30	LST	0.10	9.7	361.4	229.2	2.69	2.73
Rau-08-12	15.19	LST	0.02	15.5	585.6	370.7	2.73	2.72
Rau-08-15B	54.06	LST	0.02	12.2	464.0	293.7	2.75	2.72
Rau-08-14	128.02	LST	0.04	13.8	525.2	332.2	2.75	2.72
Rau-08-17	18.29	LST	0.34	10.7	412.9	263.7	2.79	2.77
Rau-08-12	103.63	LST	0.02	12.8	496.5	321.3	2.80	2.83
Rau-08-11	123.44	LST	0.04	18.6	722.6	459.9	2.80	2.75
Rau-08-14	28.96	LST	0.26	10.8	420.2	269.1	2.81	2.78
Rau-08-14	147.83	LST	0.38	10.5	413.0	267.10	2.84	2.83
Rau-08-15B	16.26	LST	0.04	13.4	528.9	334.5	2.85	2.72
Rau-08-18	114.30	LST	8.42	9.4	372.4	239.7	2.86	2.81
Rau-08-12	251.46	LST	0.00	8.2	327.2	211.7	2.88	2.83
Rau-08-12	31.44	LST	0.02	11.2	448.4	287.8	2.89	2.79
Rau-08-17	32.00	LST	0.00	9.5	381.1	242.2	2.90	2.74
Rau-08-15	11.28	LST	0.00	12.0	485.8	312.5	2.92	2.80
Rau-08-15	51.82	LST	0.04	13.2	537.6	344.3	2.94	2.78
Rau-08-15	25.91	LST	0.02	10.5	446.0	284.9	3.07	2.77
Rau-08-02	24.38	LST			140.1	89.2		2.75
Rau-08-02	127.95	LST			94.9	60.8		2.78

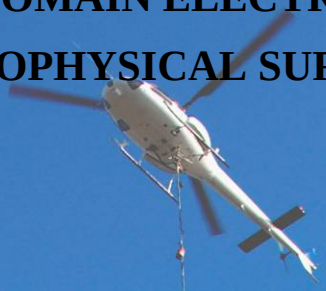
Hole	Depth	Unit	Magnetic Susceptibility	length (cm)	Weight -in air	-in water	Density	S.G.
Rau-08-02	122.82	LST			107.8	69.6		2.82
Rau-08-02	36.40	LST			621.1	404.1		2.86
Rau-08-02	28.12	LST			501.2	330.0		2.93
						Average	**2.84**	**2.78**
Rau-08-11	275.84	MAR	0.38	17.0	448.0	289.8		2.83
Rau-08-14	92.96	MAR	0.02	16.6	510.8	383.8	2.22	
Rau-08-17	41.15	MAR	-0.06	9.5	346.2	217.9	2.63	2.70
Rau-08-14	74.68	MAR	-0.12	13.4	491.3	309.7	2.65	2.71
Rau-08-14	48.77	MAR	0.04	15.6	581.1	367.0	2.69	2.71
Rau-08-14	54.86	MAR	0.38	10.9	415.1	259.3	2.75	2.66
Rau-08-14	35.66	MAR	0.38	11.3	432.8	275.4	2.76	2.75
Rau-08-15	68.58	MAR	0.10	9.8	394.5	252.0	2.91	2.77
Rau-08-11	239.27	MAR	0.32	13.0	526.7	339.5	2.92	2.81
Rau-08-11	251.33	MAR	0.65	17.6	720.1	455.2	2.95	2.72
						Average	**2.72**	**2.74**
Rau-08-11	167.52	MZ	1.47	11.1	481.2	324.8	3.13	3.08
Rau-08-11	211.84	MZ	0.20	12.1	538.0	370.7	3.21	3.22
Rau-08-11	202.60	MZ	0.79	8.6	388.5	95.3	3.26	
Rau-08-18	143.10	MZ	1.23	9.5	440.3	303.6	3.35	3.22
Rau-08-11	184.25	MZ	19.20	14.0	666.9	465.9	3.44	3.32
Rau-08-11	174.17	MZ	27.00	12.1	589.6	412.7	3.52	3.33
Rau-08-02	107.45	MZ			221.1	146.8		2.98
Rau-08-02	115.82	MZ			115.8	77.0		2.98
Rau-08-02	73.15	MZ			119.2	79.7		3.02
Rau-08-02	91.44	MZ			137.0	93.0		3.11
Rau-08-02	85.34	MZ			162.6	110.7		3.13
Rau-08-02	102.10	MZ			122.6	83.8		3.16
Rau-08-02	57.44	MZ			148.6	102.5		3.22
Rau-08-02	100.58	MZ			145.9	101.3		3.27
Rau-08-02	82.29	MZ			128.9	89.6		3.28
Rau-08-02	76.20	MZ			133.9	96.2		3.55
Rau-08-02	64.00	MZ			208.9	154.4		3.83
						Average	**3.32**	**3.23**
Rau-08-13	201.17	QV	23.50	12.3	623.5	456.0	3.66	3.72
Rau-08-18	223.90	SX	-0.04	12.9	817.4	643.3	4.57	4.70
Rau-08-12	76.20	VOL	-0.04	11.4	441.4	287.5	2.79	2.87
Rau-08-12	70.10	VOL	0.36	10.6	411.2	264.3	2.80	2.80
Rau-08-12	51.85	VOL	3.40	11.0	427.7	279.2	2.81	2.88
Rau-08-15	74.07	VOL	2.74	15.2	602.9	392.0	2.86	2.86
Rau-08-14	10.67	VOL	0.55	10.8	429.3	274.2	2.87	2.77
Rau-08-15B	80.69	VOL	39.90	9.5	380.7	248.1	2.89	2.87
Rau-08-13	33.53	VOL	1.14	14.0	578.0	376.9	2.98	2.87
Rau-08-15	83.39	VOL	0.02	8.7	366.8	246.7	3.04	3.05
						Average	**2.88**	**2.87**

Hole	Depth	Unit	Magnetic Susceptibility	length (cm)	Weight -in air	-in water	Density	S.G.
Rau-08-11	130.92	A-VOL	0.09	15.2	556.7	342.9	2.64	2.60
Rau-08-12	220.98	A-VOL	0.02	10.4	402.3	254.5	2.79	2.72
Rau-08-18	188.20	A-VOL	1.02	10.7	418.4	267.6	2.82	2.77
Rau-08-12	233.17	A-VOL	0.75	16.2	636.6	408.4	2.84	2.79
Rau-08-12	205.74	A-VOL	5.88	13.8	559.2	365.2	2.92	2.88
Rau-08-18	82.33	A-VOL	0.32	14.2	582.1	380.8	2.96	2.89
Rau-08-15B	70.71	A-VOL	0.00	14.8	618.3	408.3	3.02	2.94
Rau-08-11	144.67	A-VOL	160.00	10.3	430.4	282.8	3.02	2.92
Rau-08-11	242.32	A-VOL	256.00	14.2	596.5	399.2	3.03	3.02
Rau-08-11	149.02	A-VOL	0.38	11.0	465.5	302.5	3.05	2.86
Rau-08-02	43.00	A-VOL			154.4	98.6		2.77
Rau-08-02	50.29	A-VOL			475.6	304.4		2.78
Rau-08-02	53.34	A-VOL			117.8	76.4		2.85
						Average	**2.91**	**2.83**

APPENDIX IX

GEOPHYSICAL REPORT BY GEOTECH LTD.

REPORT ON A HELICOPTER-BORNE VERSATILE TIME DOMAIN ELECTROMAGNETIC (VTEM) GEOPHYSICAL SURVEY



RAU Project

Yukon, Canada

For:

ARCHER CATHRO & ASSOCIATES LTD.

By

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Survey flown during August 2007 and July - September, 2008

Project 8077

December, 2008

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REPORT ON A HELICOPTER-BORNE VERSATILE TIME DOMAIN ELECTROMAGNETIC SURVEY

RAU Project
Yukon, Canada

Executive Summary

During the dates of August 12th, 2007, July 14th to July 15th and August 22nd to September 23rd , 2008 Geotech Ltd. carried out a helicopter-borne geophysical survey for Archer Cathro & Associates Ltd. over one (1) block of the RAU Project situated in the Yukon, Canada.

Principal geophysical sensors included a versatile time domain electromagnetic (VTEM) system, and a caesium magnetometer. Ancillary equipment included a GPS navigation system and a radar altimeter. A total of 2994 line-kilometres were flown.

The survey operations were based out of Mayo, Yukon. In-field data quality assurance and preliminary processing were carried out on a daily basis during the acquisition phase. Preliminary and final data processing, including generation of final digital data and map products were undertaken from the office of Geotech Ltd. in Aurora, Ontario.

The processed survey results are presented as electromagnetic stacked profiles, and as a colour grid of the B-field EM late time channels and total magnetic intensity.

Digital data includes all electromagnetic and magnetic products, plus ancillary data including the waveform.

The survey report describes the procedures for data acquisition, processing, final image presentation and the specifications for the digital data set. No formal interpretation is included.

1. INTRODUCTION

1.1 General Considerations

These services are the result of the Agreement made between Geotech Ltd. and Archer Cathro & Associates Ltd. to perform a helicopter-borne geophysical survey one (1) block on the RAU property located near Mayo, Yukon, Canada (Figure 1).

Matthew Dumala and Bill Wengzynowski acted on behalf of Archer Cathro & Associates Ltd. during the data acquisition and data processing phases of this project.

The geophysical surveys consisted of helicopter borne EM using the versatile time-domain electromagnetic (VTEM) system and aeromagnetics using a caesium magnetometer. A total of 2994 line-km of geophysical data were acquired during the survey. The survey area is shown in Figure 2.

The crew was based out of Mayo, Yukon for the three (3) acquisition phases of the survey. Survey flying started on August 12th, 2007 and was completed on September 23rd, 2008

Data quality control and quality assurance, and preliminary data processing were carried out on a daily basis during the acquisition phase of the project. Final data processing followed immediately after the end of the survey. Final reporting, data presentation and archiving were completed from the Aurora office of Geotech Ltd. in December, 2008.

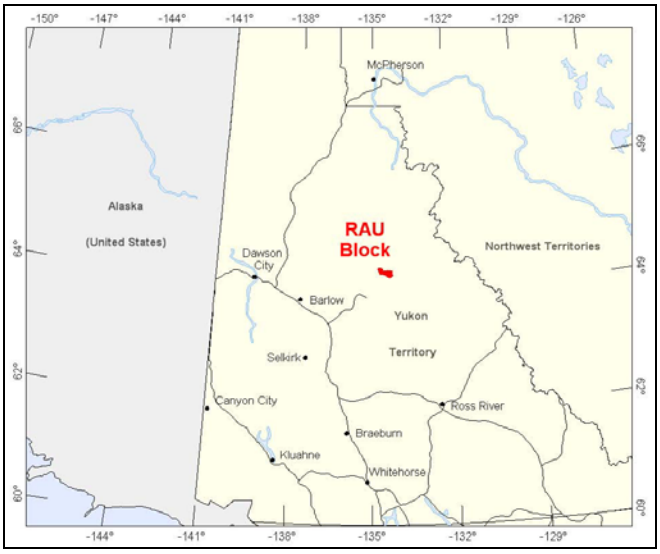


Figure 1 - Property Location

1.2 Survey Location and Specifications

The RAU block (64°13'41.21"N, 134°31'8.24"W) is located approximately 95 kilometres north-east of Mayo, Yukon, the base of operations for the survey.

The survey block was flown in a N 0° E direction with a traverse line spacing of 100 metres, as depicted in Figure 2. Tie lines were flown perpendicular to the traverse lines at a spacing of 950 metres in the direction of N 90° E. For more detailed information on the flight spacing and direction see Table 1.

1.3 Topographic Relief and Cultural Features

Topographically, the property exhibits large relief, with elevations ranging from 647 to 1770 metres above sea level (see Figure 2). There are a number of small rivers and streams that run throughout the block, as well as a small area of wetland. The block is accessible by a tertiary road that runs through the west end of the block. The survey block is covered by NTS (National Topographic Survey) of Canada sheets 106D01, 106D02, 106D07, and 106D08.

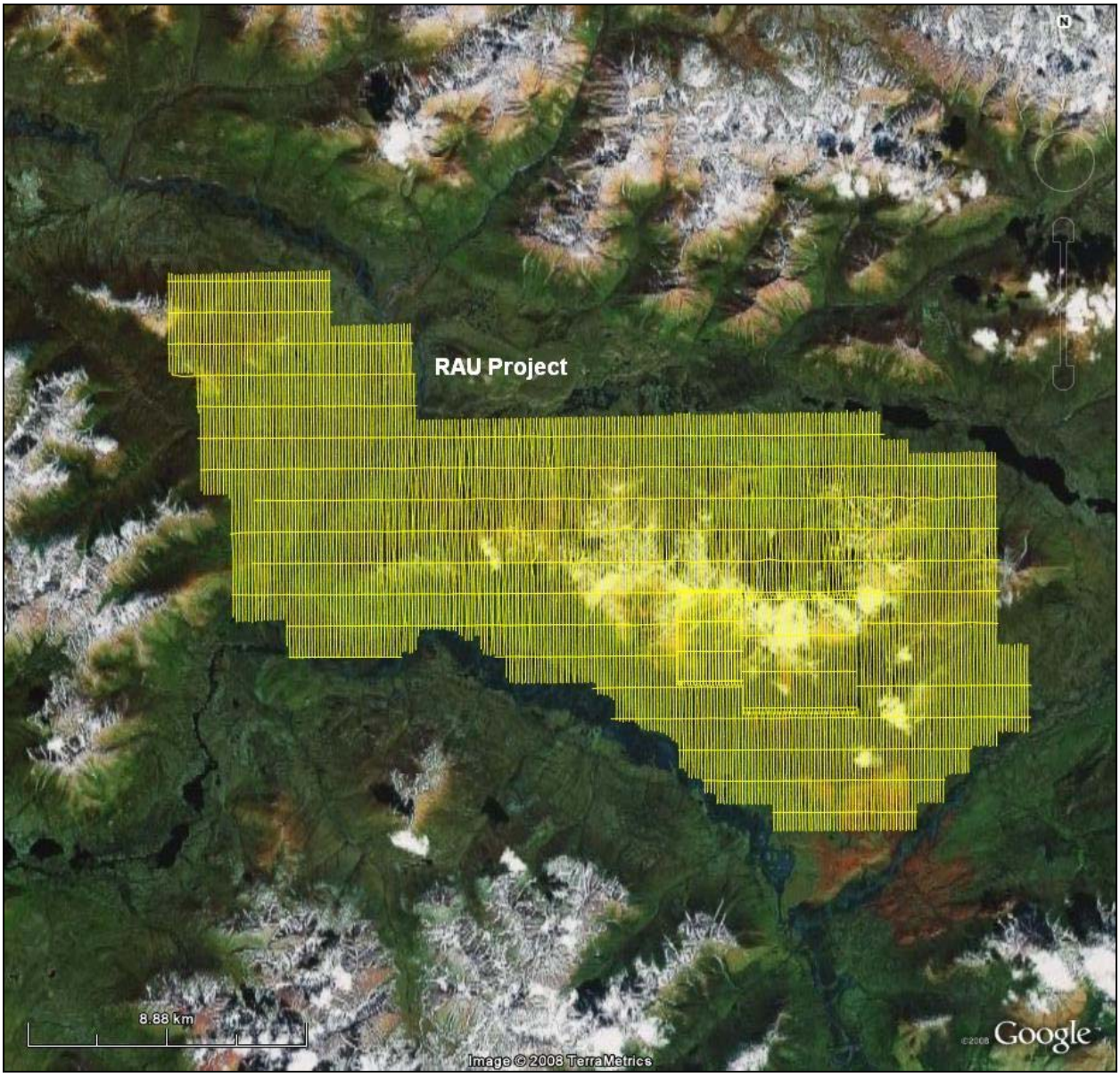


Figure 2 - Google Earth Image with Flight Paths

2. DATA ACQUISITION

2.1 Survey Area

The survey block (see Location map, Figure 2) and general flight specifications are as follows:

Table 1 - Survey blocks

Survey block	Line spacing (m)	Area (Km^2)	Planned Line-km	Actual Line-km[1]	Flight direction	Line number
RAU	Traverse: 100	272	2716	2721	N 0°E	L1010 – L5371
	Tie: 950		278	272	N 90°E	T4000 – T5940
TOTAL		272	2994	2993		

Survey block boundaries co-ordinates are provided in Appendix B.

2.2 Survey Operations

Survey operations were based out of Mayo, Yukon from August 12th, 2007 to September 23rd, 2008. The following table shows the timing of the flying.

Table 2 - Survey schedule

Date	Flight #	Flown km	Block	Crew location	Comments
12-Aug-07	40 - 44	179	RAU / MH	Mayo, YT	Production – aborted due to weather, RAU block complete
14-July-08	38 - 40	140	NICK / RAU	Mayo, YT	Production aborted – rain in p.m.
15-July-08	41	30	RAU	Mayo, YT	Limited production – low ceiling and rain
22-Aug-08				Mayo, YT	Crew/equip. arrive at Mayo
23-Aug-08				Mayo, YT	Crew sys installation delayed – rain
24-Aug-08				Mayo, YT	Crew sys installation delayed – rain
25-Aug-08				Mayo, YT	Crew sys installation delayed – rain
26-Aug-08				Mayo, YT	Crew sys installation delayed – rain
27-Aug-08				Mayo, YT	Crew sys installation delayed – rain

[1]NOTE: Actual line-km represents the total line-km contained in the final databases. These line-km normally exceed the Planned line-km, as outlined in the contract-proposal and defined in the survey NAV files.

Date	Flight #	Flown km	Block	Crew location	Comments
28-Aug-08				Mayo, YT	Sys installation and tests
29-Aug-08				Mayo, YT	Sys tests
30-Aug-08	1	31	RUA	Mayo, YT	Production aborted – system repair
31-Aug-08				Mayo, YT	Sys repair
01-Sept-08				Mayo, YT	Sys repairs and tests
02-Sept-08	2 - 4	253	RUA	Mayo, YT	Production
03-Sept-08	4	61	RUA	Mayo, YT	Limited production – maintenance and tests
04-Sept-08	5 - 8	256	RUA	Mayo, YT	Production
05-Sept-08	9 - 11	330	RUA	Mayo, YT	Production
06-Sept-08	12 - 14	385	RUA	Mayo, YT	Production
07-Sept-08	15 - 18	262	RUA	Mayo, YT	Production
08-Sept-08				Mayo, YT	No production – low ceiling and rain
09-Sept-08				Mayo, YT	No production – low ceiling and rain
10-Sept-08				Mayo, YT	No production – low ceiling and rain
11-Sept-08				Mayo, YT	No production – low ceiling, rain, and fog
12-Sept-08	19 – 20	85	RUA	Mayo, YT	Limited production - rain
13-Sept-08	21 - 24	353	RUA	Mayo, YT	Production
14-Sept-08				Mayo, YT	No production – rain
15-Sept-08				Mayo, YT	No production – low ceiling, rain, and fog
16-Sept-08	25 – 27	184	RUA	Mayo, YT	Production
17-Sept-08				Mayo, YT	No production – low ceiling and rain
18-Sept-08	28 – 29	125	RUA	Mayo, YT	Limited production – fog and low ceiling
19-Sept-08				Mayo, YT	Production aborted – fog and equipment damage
20-Sept-08				Mayo, YT	No production – rain
21-Sept-08	31 – 32	128	RUA	Mayo, YT	Production
22-Sept-08	33 – 36	308	RUA	Mayo, YT	Production
23-Sept-08	37	11	RUA	Mayo, YT	Production – Job Complete

2.3 Flight Specifications

The helicopter was maintained at a mean height of 72 metres above the ground with a nominal survey speed of 80 km/hour. This allowed for a nominal EM sensor terrain clearance of 37 metres and a magnetic sensor clearance of 59 metres. The data recording rates of the data acquisition was 0.1 second for electromagnetics, magnetometer and 0.2 second for altimeter and GPS. This translates to a geophysical reading about every 2 metres along flight track. Navigation was assisted by a CDGPS receiver and data acquisition system, which reports GPS co-ordinates as latitude/longitude and directs the pilot over a pre-programmed survey grid.

The operator was responsible for monitoring of the system integrity. He also maintained a detailed flight log during the survey, tracking the times of the flight as well as any unusual geophysical or topographic feature.

On return of the aircrew to the base camp the survey data was transferred from a compact flash card (PCMCIA) to the data processing computer. The data were then uploaded via ftp to the Geotech office in Aurora for daily quality assurance and quality control by qualified personnel, operating remotely.

2.4 Aircraft and Equipment

2.4.1 Survey Aircraft

The survey was flown using Eurocopter Aerospatiale (Astar) 350 B3 helicopters. For the surveys during July 14th to July 15th and August 22nd to September 23rd, 2008 the helicopters were operated by TRK Helicopters Ltd, registrations C-GTRK and C-GWGK. During the August 12th, 2007 survey the helicopter was operated by Guardian Helicopters Inc, registration C-GTFX. Installation of the geophysical and ancillary equipment was carried out by Geotech Ltd.

2.4.2 Electromagnetic System

The electromagnetic system was a Geotech Time Domain EM (VTEM) system. The configuration is as indicated in Figure 3 below.

Receiver and transmitter coils are concentric and Z-direction oriented. The coils were towed at a mean distance of 35 metres below the aircraft as shown in Figure 5. The receiver decay recording scheme is shown diagrammatically in Figure 4.

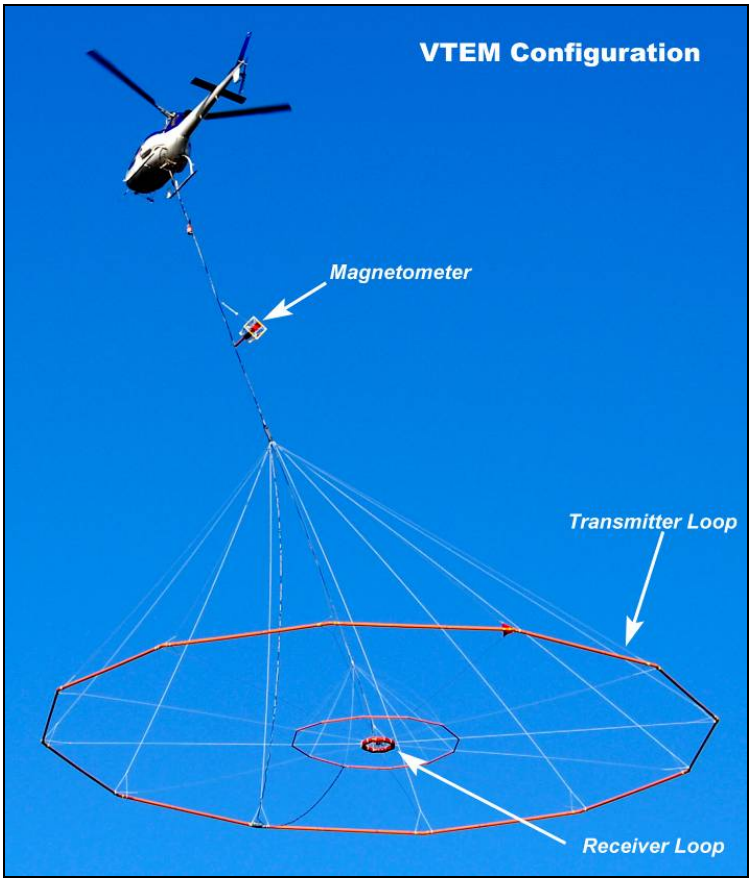


Figure 3 - VTEM Configuration

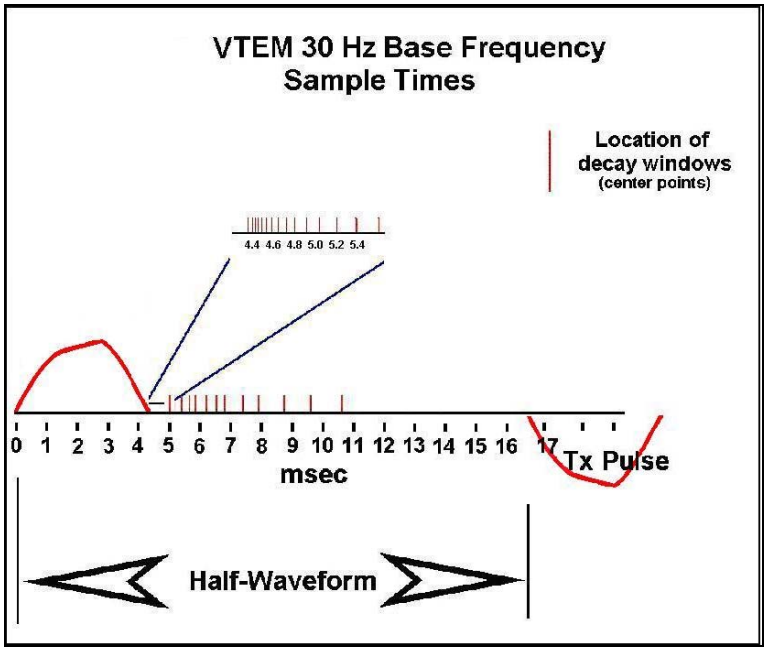


Figure 4 – VTEM Short Pulse Waveform & Sample Times

The VTEM decay sampling scheme is shown in Table 3 below. Twenty six measurement gates (ch 10-35) were used for the final data processing in the range from 120 to 9245 μ sec[2], as shown in Table 5.

Table 3 – Decay Sampling Scheme

VTEM Decay Sampling scheme				
Array	(Microseconds)			
Index	Time Gate	Start	End	Width
0	0			
1	10	10	21	11
2	21	16	26	11
3	31	26	37	11
4	42	37	47	11
5	52	47	57	10
6	62	57	68	11
7	73	68	78	11
8	83	78	91	13
9	99	91	110	19
10	120	110	131	21
11	141	131	154	24
12	167	154	183	29
13	198	183	216	34
14	234	216	258	42
15	281	258	310	53
16	339	310	373	63
17	406	373	445	73
18	484	445	529	84
19	573	529	628	99
20	682	628	750	123
21	818	750	896	146
22	974	896	1063	167
23	1151	1063	1261	198
24	1370	1261	1506	245
25	1641	1506	1797	292
26	1953	1797	2130	333
27	2307	2130	2526	396
28	2745	2526	3016	490
29	3286	3016	3599	583
30	3911	3599	4266	667
31	4620	4266	5058	792
32	5495	5058	6037	979
33	6578	6037	7203	1167
34	7828	7203	8537	1334
35	9245	8537	10120	1584

[2] Note: Measurement time-delays are referenced to time-zero marking the end of the transmitter current turn-off, as illustrated in Figure 4 and Appendix C.

VTEM system parameters[1]:

Transmitter Section
- Transmitter coil diameter: 26 m
- Number of turns: 4
- Transmitter base frequency: 30 Hz
- Peak current: 262 A
- Pulse width: 4.2 ms and 7.2 ms
- Pulse width: Duty cycle: 25% and 43%
- Peak dipole moment: 556,400 nIA and 427,700 nIA
- Nominal terrain clearance: 37 m

Receiver Section
- Receiver coil diameter: 1.2 m
- Number of turns: 100.
- Effective coil area: 113.1 m^2
- Wave form shape: trapezoid
- Power Line Monitor: 60 Hz

Magnetometer
- Nominal terrain clearance: 59 m

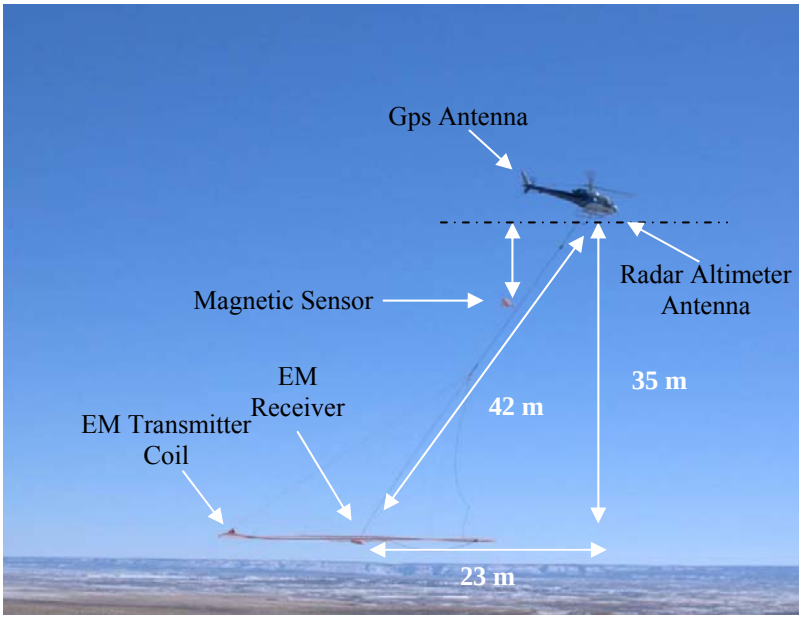


Figure 5 - VTEM system configuration

[1] NOTE: Lines 5010 to 5371 were flown in a previous survey (7067) and have been merged with the current survey (8077). They were surveyed with a pulse width of 7.2 ms resulting in a duty cycle of 43% and a peak dipole moment of 427,700 nIA.

2.4.3 Airborne magnetometer

The magnetic sensor utilized for the survey was a Geometrics optically pumped caesium vapour magnetic field sensor, mounted in a separate bird, 13 metres below the helicopter, as shown in Figure 5. The sensitivity of the magnetic sensor is 0.02 nanoTesla (nT) at a sampling interval of 0.1 seconds. The magnetometer sends the measured magnetic field strength as nanoTesla to the data acquisition system via the RS-232 port.

2.4.4 Radar Altimeter

A Terra TRA 3000/TRI 40 radar altimeter was used to record terrain clearance. The antenna was mounted beneath the bubble of the helicopter cockpit (Figure 5).

2.4.5 GPS Navigation System

The navigation system used was a Geotech PC104 based navigation system utilizing a NovAtel's CDGPS (Canada-Wide Differential Global Positioning System Correction Service) enable OEM4-G2-3151W GPS receiver, Geotech navigate software, a full screen display with controls in front of the pilot to direct the flight and an NovAtel GPS antenna mounted on the helicopter tail (Figure 5). As many as 11 GPS and two CDGPS satellites may be monitored at any one time. The positional accuracy or circular error probability (CEP) is 1.8 m, with CDGPS active, it is 1.0 m. The co-ordinates of the block were set-up prior to the survey and the information was fed into the airborne navigation system.

2.4.6 Digital Acquisition System

A Geotech data acquisition system recorded the digital survey data on an internal compact flash card. Data is displayed on an LCD screen as traces to allow the operator to monitor the integrity of the system. The data type and sampling interval as provided in Table 4.

Table 4 – Acquisition Sampling Rates

DATA TYPE	SAMPLING
TDEM	0.1 sec
Magnetometer	0.1 sec
GPS Position	0.2 sec
Radar Altimeter	0.2 sec

2.4.7 Base Station

A combined magnetometer/GPS base station was utilized on this project. A Geometrics Caesium vapour magnetometer was used as a magnetic sensor with a sensitivity of 0.001 nT. The base station was recording the magnetic field together with the GPS time at 1 Hz on a base station computer.

The base station magnetometer sensor was installed in multiple locations during the course of the survey:

- On August 12th, 2007 it was installed 50 metres behind the airport apron in Mayo, Yukon (63°36'56"N, 135°52'37"W), away from electric transmission lines and moving ferrous objects such as motor vehicles. The base station data were backed-up to the data processing computer at the end of each survey day.

- From July 14th to July 15th, 2008 it was installed 100 metres behind the Trans North Helipad, close to the riverbank in Dawson City, Yukon (64°03'02.8"N, 139°25'50.2"W), away from electric transmission lines and moving ferrous objects such as motor vehicles. The base station data were backed-up to the data processing computer at the end of each survey day.

- From August 22nd to September 23rd, 2008 it was installed 200 metres from the Silver Trail Inn in Mayo, Yukon (63°48'15.6"N, 135°47'47.46"W), away from electric transmission lines and moving ferrous objects such as motor vehicles. The base station data were backed-up to the data processing computer at the end of each survey day.

3. PERSONNEL

The following Geotech Ltd. personnel were involved in the project.

Field:

Project Managers:	Les Moschuk (office) Harish Kumar (office)
Data QC/QA:	Nick Venter (office) Emilio Schein (office)
Crew chiefs:	Sean Hayes/Ryan MacIver/ Darren Tuck/Colin Lennox/Kevin Boyer/ Alex Dumyn/ Keith Lavalley
System Operators:	Ioan Serba/Paul Taylor/Eric MacNeill/Matt Bernas/Jason McKinnon/Wayne Weeks

The survey pilot and the mechanical engineer were employed directly by the helicopter operator – TRK Helicopters Ltd. and Guardian Helicopters Inc.

Pilots:	Randy Marks/Roy Stevenson/Peirre Forand/Andrei Vandrie/Ashley Weathered
Mechanical Engineers:	Chris Ward/Darren Shipman/ Jeff Nagey/Andrew Hawkins/Dave Ackroyd

Office:

Preliminary Data Processing:	Nick Venter
Final Data Processing:	Neil Fiset
Mapping/Reporting:	Kyle Orlowski

Data acquisition phase was carried out under the supervision of Andrei Bagrianski, P. Geo, Surveys Manager. Processing phase was carried out under the supervision of Jean Legault, P. Geo, Manager of Processing and Interpretation. The overall contract management and customer relations were by Paolo Berardelli.

4. DATA PROCESSING AND PRESENTATION

Data compilation and processing were carried out by the application of Geosoft OASIS Montaj and programs proprietary to Geotech Ltd.

4.1 Flight Path

The flight path, recorded by the acquisition program as WGS 84 latitude/longitude, was converted into the NAD83 Datum, UTM Zone 8 North coordinate system in Oasis Montaj.

The flight path was drawn using linear interpolation between x, y positions from the navigation system. Positions are updated every second and expressed as UTM easting's (x) and UTM northing's (y).

4.2 Electromagnetic Data

A three stage digital filtering process was used to reject major sferic events and to reduce system noise. Local sferic activity can produce sharp, large amplitude events that cannot be removed by conventional filtering procedures. Smoothing or stacking will reduce their amplitude but leave a broader residual response that can be confused with geological phenomena. To avoid this possibility, a computer algorithm searches out and rejects the major sferic events. The filter used was a 16 point non-linear filter.

The signal to noise ratio was further improved by the application of a low pass linear digital filter. This filter has zero phase shift which prevents any lag or peak displacement from occurring, and it suppresses only variations with a wavelength less than about 1 second or 15 metres. This filter is a symmetrical 1 sec linear filter.

The results are presented as stacked profiles of EM voltages for the time gates, in linear - logarithmic scale for both B-field and dB/dt response. B-field time channel recorded at 1.641 milliseconds after the termination of the impulse is also presented as contour colour image.

Graphical representations of the VTEM transmitter current waveform output voltage of the receiver coil are shown in Appendix C.

Generalized modeling results of VTEM data, written by consultant Roger Barlow and Nasreddine Bournas, P. Geo., are shown in Appendix E.

4.3 Magnetic Data

The processing of the magnetic data involved the correction for diurnal variations by using the digitally recorded ground base station magnetic values. The base station magnetometer data was edited and merged into the Geosoft GDB database on a daily basis. The aeromagnetic data was corrected for diurnal variations by subtracting the observed magnetic base station deviations.

Tie line levelling was carried out by adjusting intersection points along traverse lines. A micro-levelling procedure was applied to remove persistent low-amplitude components of flight-line noise remaining in the data.

The corrected magnetic data was interpolated between survey lines using a random point gridding method to yield x-y grid values for a standard grid cell size of approximately 0.2 cm at the mapping scale. The Minimum Curvature algorithm was used to interpolate values onto a rectangular regular spaced grid.

5. DELIVERABLES

5.1 Survey Report

The survey report describes the data acquisition, processing, and final presentation of the survey results.

The survey report is provided in two paper copies and digitally in PDF format.

5.2 Maps

Final maps were produced at scale of 1:20,000. The coordinate/projection system used was NAD 83, UTM Zone 8 North. All maps show the flight path trace and topographic data; latitude and longitude are also noted on maps.

The preliminary and final results of the survey are presented as EM profiles, a late-time gate gridded EM channel, and color magnetic TMI contour maps. The following maps are presented on paper;

- VTEM B-field profiles, Time Gates 0.234 – 9.245 ms in linear - logarithmic scale over total magnetic intensity colour grid and.
- VTEM dB/dt profiles, Time Gates 0.234 – 9.245 ms in linear – logarithmic scale.
- VTEM B-field late time, Time Gate 1.641 ms colour image.
- Total magnetic intensity (TMI) colour image and contours.

.

5.3 Digital Data

- Two copies of the data and maps on DVD were prepared to accompany the report. Each DVD contains a digital file of the line data in GDB Geosoft Montaj format as well as the maps in Geosoft Montaj Map and PDF format.

- DVD structure.

  There are two (2) main directories;

  Data contains databases, grids and maps, as described below.
  Report contains a copy of the report and appendices in PDF format.

  Databases in Geosoft GDB format, containing the channels listed in Table 5.

Table 5 – Geosoft GDB Data Format.

Channel Name	Description
X:	X positional data (metres – NAD83, UTM zone 8 north)
Y:	Y positional data (metres – NAD83, UTM zone 8 north)
Z:	GPS antenna elevation (metres - ASL)
Lon:	Longitude data (degree – NAD83)
Lat:	Latitude data (degree – NAD83)
Date:	Flight Date (DD/MM/YYYY)
FltNo	Flight Number
Radar:	Helicopter terrain clearance from radar altimeter (metres - AGL)
RadarB:	EM Bird terrain clearance from radar altimeter (metres - AGL)
DEM:	Digital elevation model (metres)
Gtime:	GPS time (seconds of the day)
Mag1:	Raw Total Magnetic field data (nT)
Basemag:	Magnetic diurnal variation data (nT)
Mag2	Total Magnetic field diurnal variation corrected data (nT)
Mag3	Total Magnetic field final microlevelled data (nT)
SF[10]:	dB/dt 120 microsecond time channel pV/(A*m^4)
SF[11]:	dB/dt 141 microsecond time channel pV/(A*m^4)
SF[12]:	dB/dt 167 microsecond time channel pV/(A*m^4)
SF[13]:	dB/dt 198 microsecond time channel pV/(A*m^4)
SF[14]:	dB/dt 234 microsecond time channel pV/(A*m^4)
SF[15]:	dB/dt 281 microsecond time channel pV/(A*m^4)
SF[16]:	dB/dt 339 microsecond time channel pV/(A*m^4)
SF[17]:	dB/dt 406 microsecond time channel pV/(A*m^4)
SF[18]:	dB/dt 484 microsecond time channel pV/(A*m^4)
SF[19]:	dB/dt 573 microsecond time channel pV/(A*m^4)
SF[20]:	dB/dt 682 microsecond time channel pV/(A*m^4)
SF[21]:	dB/dt 818 microsecond time channel pV/(A*m^4)
SF[22]:	dB/dt 974 microsecond time channel pV/(A*m^4)
SF[23]:	dB/dt 1151 microsecond time channel pV/(A*m^4)
SF[24]:	dB/dt 1370 microsecond time channel pV/(A*m^4)
SF[25]:	dB/dt 1641 microsecond time channel pV/(A*m^4)
SF[26]:	dB/dt 1953 microsecond time channel pV/(A*m^4)
SF[27]:	dB/dt 2307 microsecond time channel pV/(A*m^4)
SF[28]:	dB/dt 2745 microsecond time channel pV/(A*m^4)
SF[29]:	dB/dt 3286 microsecond time channel pV/(A*m^4)
SF[30]:	dB/dt 3911 microsecond time channel pV/(A*m^4)
SF[31]:	dB/dt 4620 microsecond time channel pV/(A*m^4)

Channel Name	Description
SF[32]:	dB/dt 5495 microsecond time channel pV/(A*m^4)
SF[33]:	dB/dt 6578 microsecond time channel pV/(A*m^4)
SF[34]:	dB/dt 7828 microsecond time channel pV/(A*m^4)
SF[35]:	dB/dt 9245 microsecond time channel pV/(A*m^4)
BF[10]:	B-field 120 microsecond time channel (pV*ms)/(A*m^4)
BF[11]:	B-field 141 microsecond time channel (pV*ms)/(A*m^4)
BF[12]:	B-field 167 microsecond time channel (pV*ms)/(A*m^4)
BF[13]:	B-field 198 microsecond time channel (pV*ms)/(A*m^4)
BF[14]:	B-field 234 microsecond time channel (pV*ms)/(A*m^4)
BF[15]:	B-field 281 microsecond time channel (pV*ms)/(A*m^4)
BF[16]:	B-field 339 microsecond time channel (pV*ms)/(A*m^4)
BF[17]:	B-field 406 microsecond time channel (pV*ms)/(A*m^4)
BF[18]:	B-field 484 microsecond time channel (pV*ms)/(A*m^4)
BF[19]:	B-field 573 microsecond time channel (pV*ms)/(A*m^4)
BF[20]:	B-field 682 microsecond time channel (pV*ms)/(A*m^4)
BF[21]:	B-field 818 microsecond time channel (pV*ms)/(A*m^4)
BF[22]:	B-field 974 microsecond time channel (pV*ms)/(A*m^4)
BF[23]:	B-field 1151 microsecond time channel (pV*ms)/(A*m^4)
BF[24]:	B-field 1370 microsecond time channel (pV*ms)/(A*m^4)
BF[25]:	B-field 1641 microsecond time channel (pV*ms)/(A*m^4)
BF[26]:	B-field 1953 microsecond time channel (pV*ms)/(A*m^4)
BF[27]:	B-field 2307 microsecond time channel (pV*ms)/(A*m^4)
BF[28]:	B-field 2745 microsecond time channel (pV*ms)/(A*m^4)
BF[29]:	B-field 3286 microsecond time channel (pV*ms)/(A*m^4)
BF[30]:	B-field 3911 microsecond time channel (pV*ms)/(A*m^4)
BF[31]:	B-field 4620 microsecond time channel (pV*ms)/(A*m^4)
BF[32]:	B-field 5495 microsecond time channel (pV*ms)/(A*m^4)
BF[33]:	B-field 6578 microsecond time channel (pV*ms)/(A*m^4)
BF[34]:	B-field 7828 microsecond time channel (pV*ms)/(A*m^4)
BF[35]:	B-field 9245 microsecond time channel (pV*ms)/(A*m^4)
PLM:	Power Line monitor (60Hz)

Electromagnetic B-field and dB/dt data is found in array channel format between indexes 10 – 35, as described above.

- Database of the VTEM Waveform "VTEM_waveform.gdb" in Geosoft GDB format, containing the following channels:

  Time: Sampling rate interval, 10.416 microseconds
  Rx_Volt: Output voltage of the receiver coil (Volt)
  Tx_Curr: Output current of the transmitter (Amp)

- Grids in Geosoft GRD format, as follows:

  BF25_RAU: B-Field Channel 25 (Time Gate 1.641 ms)
  Mag3_RAU: Total magnetic intensity (nT)

  A Geosoft .GRD file has a .GI metadata file associated with it, containing grid projection information. A grid cell size of 25 metres was used.

- Maps at 1:20,000 in Geosoft MAP format, as follows:

  8077_Bfield_RAU_**: B-field profiles, Time Gates 0.234 – 9.245 ms in linear logarithmic scale over TMI.
  8077_dBdt_RAU_**: dB/dt profiles, Time Gates 0.234 – 9.245 ms in linear logarithmic scale.
  8077_BF_RAU_**: B-field Time Gate 1.641 ms colour image.
  8077_TMI_RAU_**: Total magnetic intensity colour image and contours.

  NOTE: ** represents map name (8077_TMI_RAU_E)

  Maps are also presented in PDF and MapInfo format.

  1:50,000 topographic vectors were taken from the NRCAN Geogratis database at; http://geogratis.gc.ca/geogratis/en/index.html.

- Google Earth files *8077_RAU_fltpath.kml* showing the flight path of each block. Free versions of Google Earth software from: http://earth.google.com/download-earth.html

6. CONCLUSIONS AND RECOMMENDATIONS

6.1 Conclusions

A helicopter-borne versatile time domain electromagnetic (VTEM) geophysical survey has been completed over the RAU Project in the Yukon Territory, Canada.

The total area coverage is 272 km^2. Total survey line coverage is 2994 line kilometres. The principal sensors included a Time Domain EM system and a magnetometer. Results have been presented as stacked profiles and contour colour images at a scale of 1:20,000. No formal interpretation is included in this report.

6.2 Recommendations

Based on the geophysical results obtained, a number of interesting EM and magnetic anomaly groupings were identified across the property. We therefore recommend a detailed interpretation of the EM and magnetic data, in conjunction with the known geology, including EM anomaly picking, as well as 3D inversion and modelling techniques to further characterize the observed anomalies and to more accurately determine their parameters (depth, conductance, dip, etc.) prior to ground follow up and drill testing.

Respectfully submitted[6],

Kyle Orlowski
Geotech Ltd.

Jean Legault, P. Geo, P. Eng
Geotech Ltd.

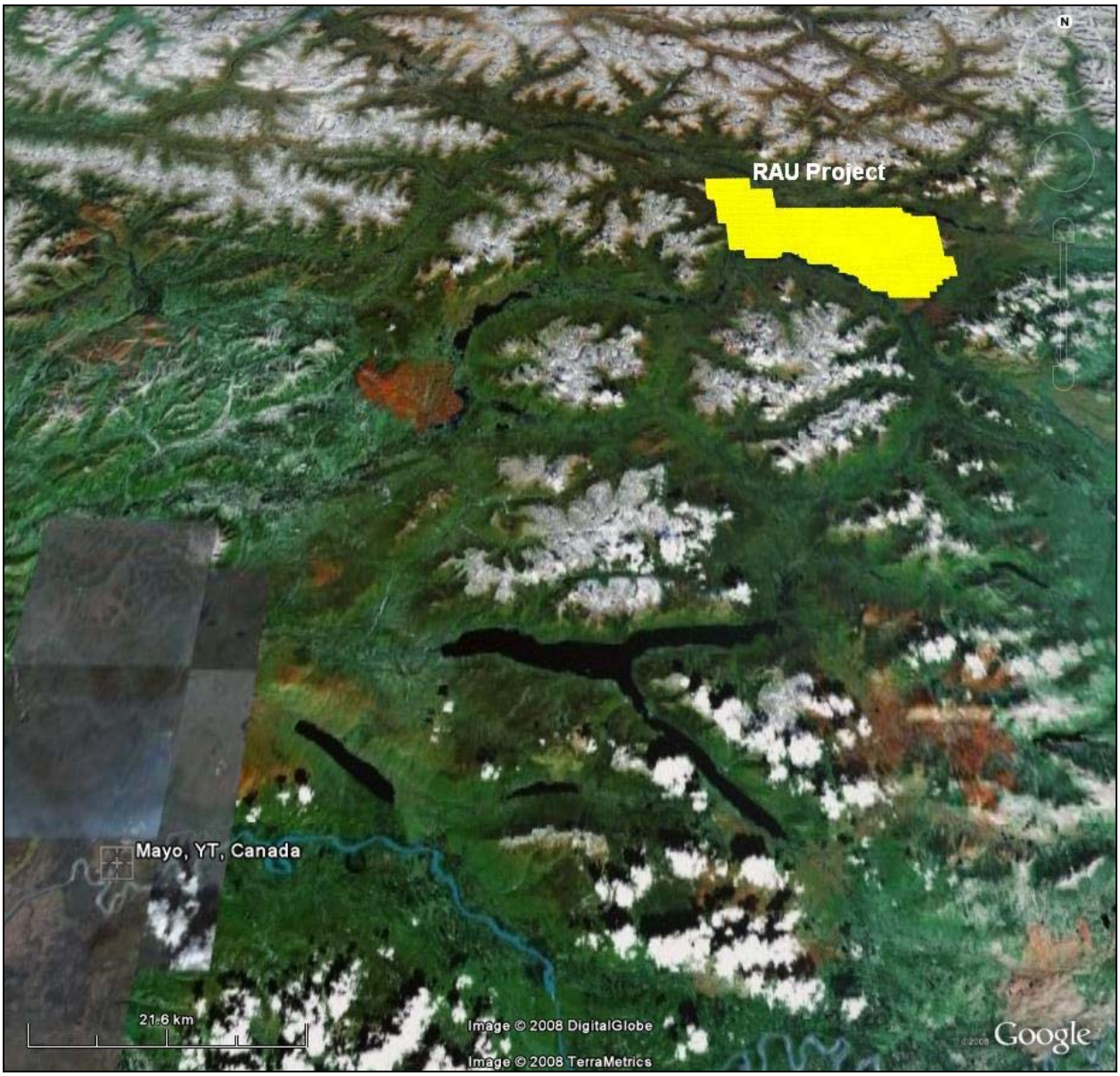
Neil Fiset
Geotech Ltd.

December 2008

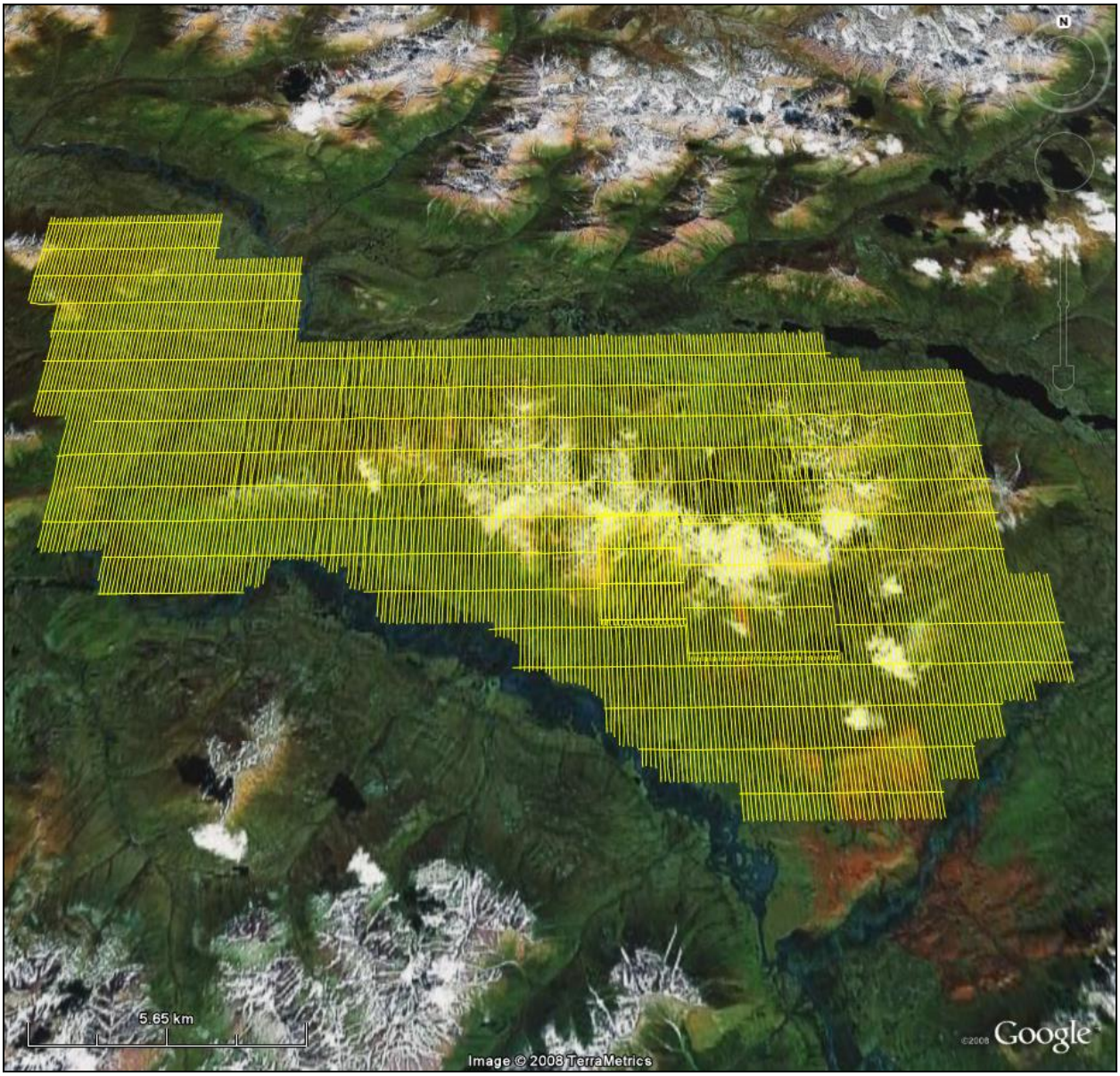
[6]Final data processing and interpretation of the EM and magnetic data were carried out by Neil Fiset, from the office of Geotech Ltd. in Aurora, Ontario, under the supervision of Jean Legault, P. Geo, Manager of Data Processing and Interpretation.

APPENDIX A

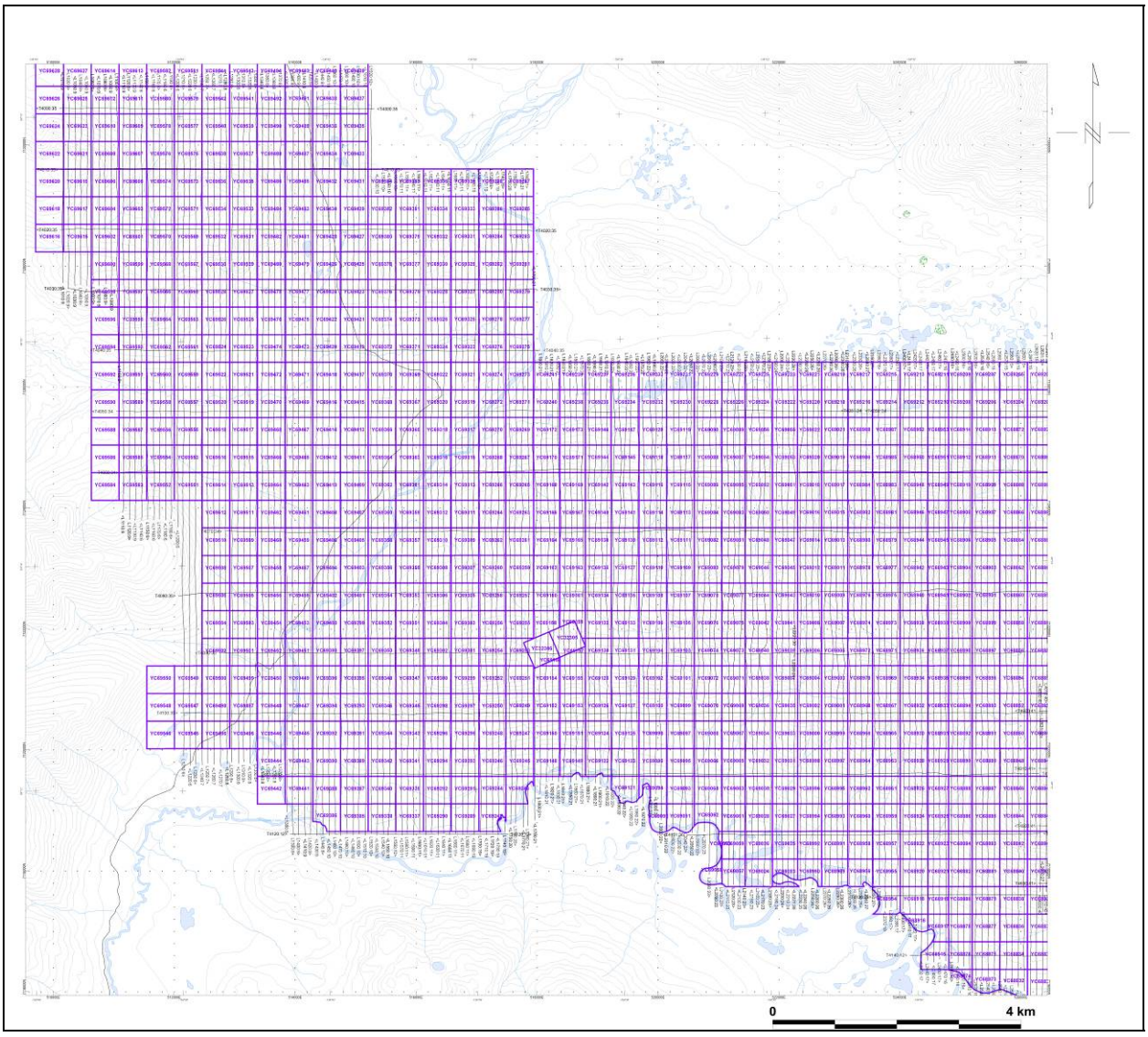
SURVEY BLOCK LOCATION MAPS



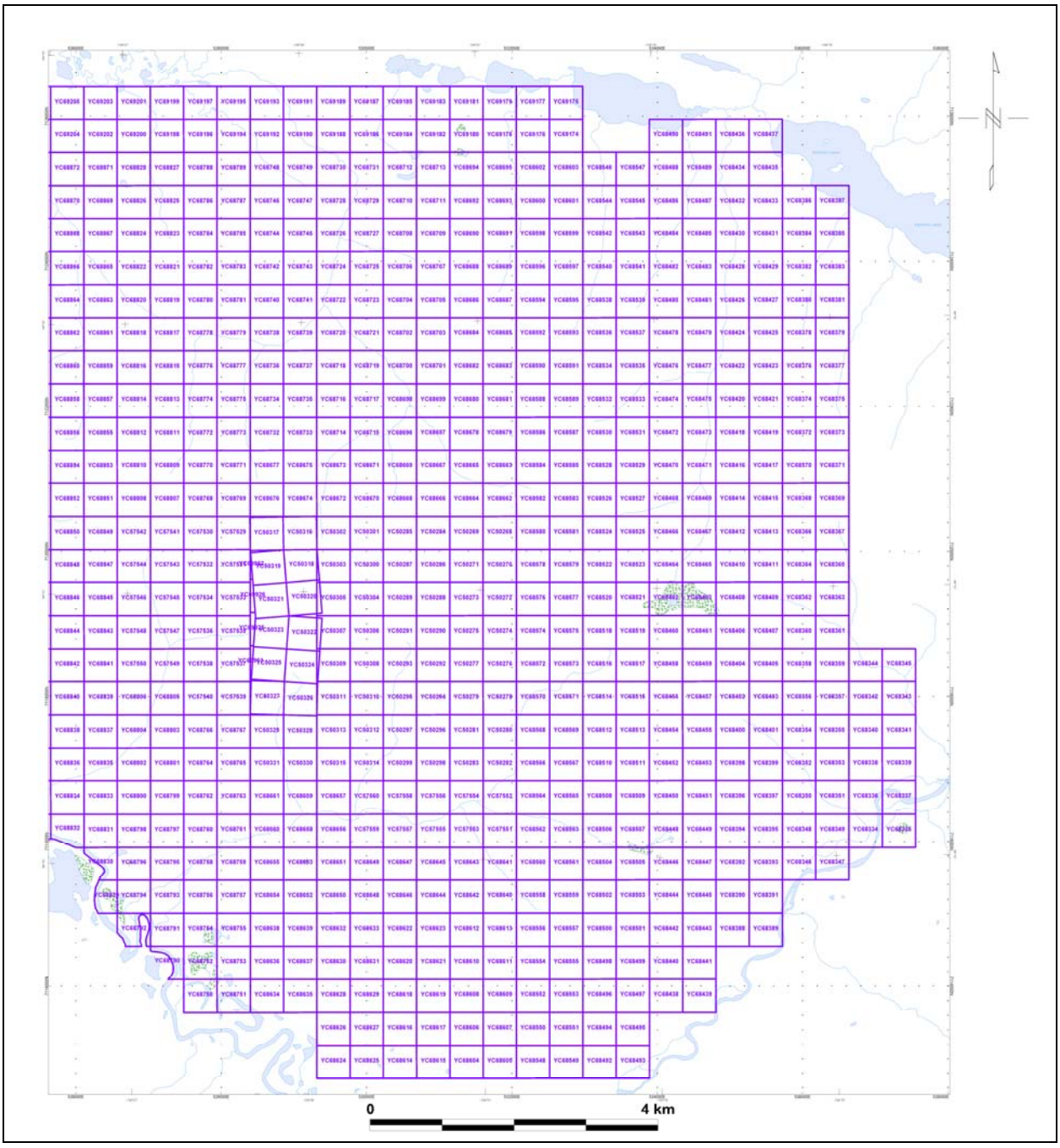
Google Earth Image: RAU Project



Google Earth Image: RAU Block



Mining Claims Map: RAU Block - West



Mining Claims Map: RAU Block - East

APPENDIX B

SURVEY BLOCK COORDINATES

(NAD83, UTM Zone 8 North)

1

RAU	
X	Y
510058.5	7130817
515273.5	7130935
515322	7129167
517908.7	7129236
517998.8	7126158
532825.3	7126353
532839.2	7125465
533726.9	7125465
533726.9	7125028
536459.2	7125056
536542.4	7118880
537478.6	7118880
537506.3	7116162
536556.3	7116141
536549.3	7115698
535654.7	7115670
535654.7	7114817
534753.2	7114776
534767.1	7113874
533886.4	7113874
533893.3	7113001
529358	7112994
529358	7113840
527506.4	7113874

2

X	Y
527506.4	7114228
527076.4	7114228
527076.4	7114686
526591	7114692
526597.9	7114866
526445.4	7115011
526355.2	7115164
526355.2	7115289
526362.2	7115504
526445.4	7115705
526091.7	7115954
525939.1	7116100
525703.3	7116190
525536.9	7116211
525308.1	7116211
525217.9	7116252
525051.5	7116398
526322	7117681
528400.5	7117685
528399.2	7116829
532060.6	7116830
532060	7120481
528360.2	7120480
528360.2	7120694

3

X	Y
526322	7120694
526322	7117681
525051.5	7116398
524905.8	7116523
524718.6	7116509
524427.3	7116481
524358	7116536
524371.9	7116599
524462	7116696
524566	7116800
524607.7	7116918
524607.7	7117049
524559.1	7117091
524510.6	7117091
524406.5	7117091
524309.5	7117112
524240.1	7117209
524163.8	7117292
524066.7	7117334
523955.8	7117354
523754.7	7117382
523685.3	7117382
523678.4	7117750
521084.8	7117743

1

X	Y
520897.5	7117812
520821.3	7117867
520855.9	7117944
520946.1	7118020
521084.8	7118068
521154.1	7118179
521161.1	7118339
521126.4	7118595
521043.2	7118734
520918.3	7118762
520696.4	7118720
520682.6	7118623
520620.2	7118568
520543.9	7118644
520439.9	7118658
520294.2	7118630
520141.7	7118651
520023.8	7118824
520030.7	7119039
519996	7119261
519899	7119379
519871.2	7119261
519794.9	7119122
519663.2	7119101

2

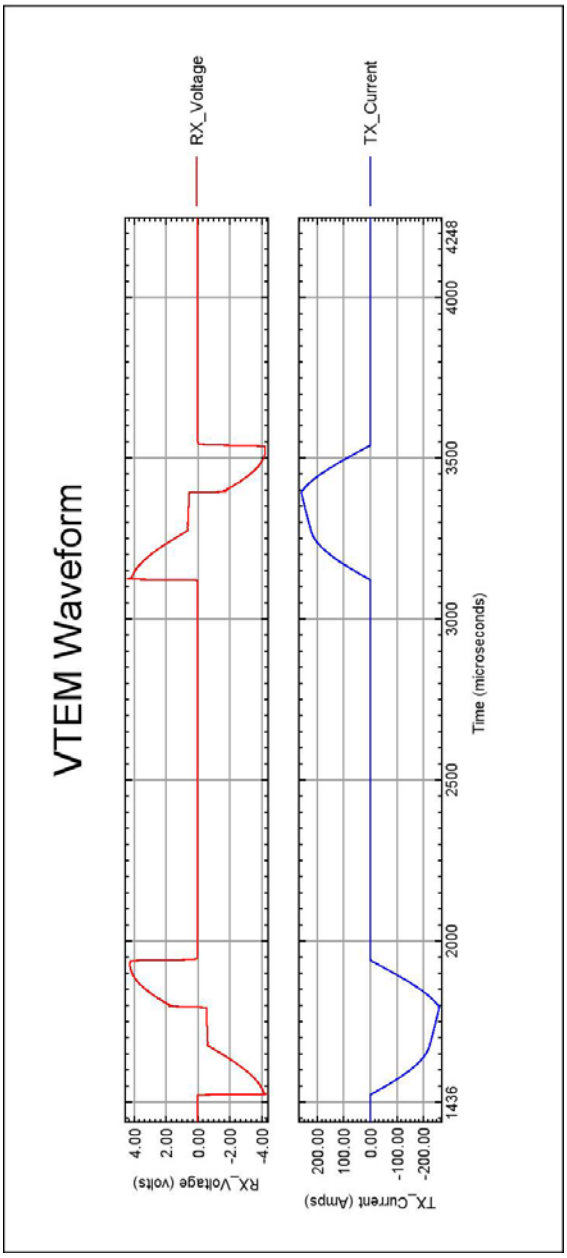
X	Y
519538.3	7119122
519448.2	7119247
519261	7119386
519226.3	7119462
519177.7	7119483
519136.1	7119427
519046	7119399
518955.8	7119455
518914.2	7119483
518817.1	7119497
518720	7119476
518539.7	7119469
518387.2	7119476
518262.3	7119476
518123.6	7119476
518123.6	7119399
518075.1	7119309
518005.8	7119302
517998.8	7119198
518005.8	7119081
518005.8	7118928
518005.8	7118845
517978	7118796
517860.1	7118720

3

X	Y
517714.5	7118720
517638.2	7118782
517589.7	7118796
517541.1	7118755
517485.6	7118644
517464.8	7118602
513872.6	7118581
513831	7119802
512083.5	7119739
512083.5	7121105
512936.4	7121105
512832.4	7123815
511154.2	7123795
511022.4	7127684
510162.5	7127663

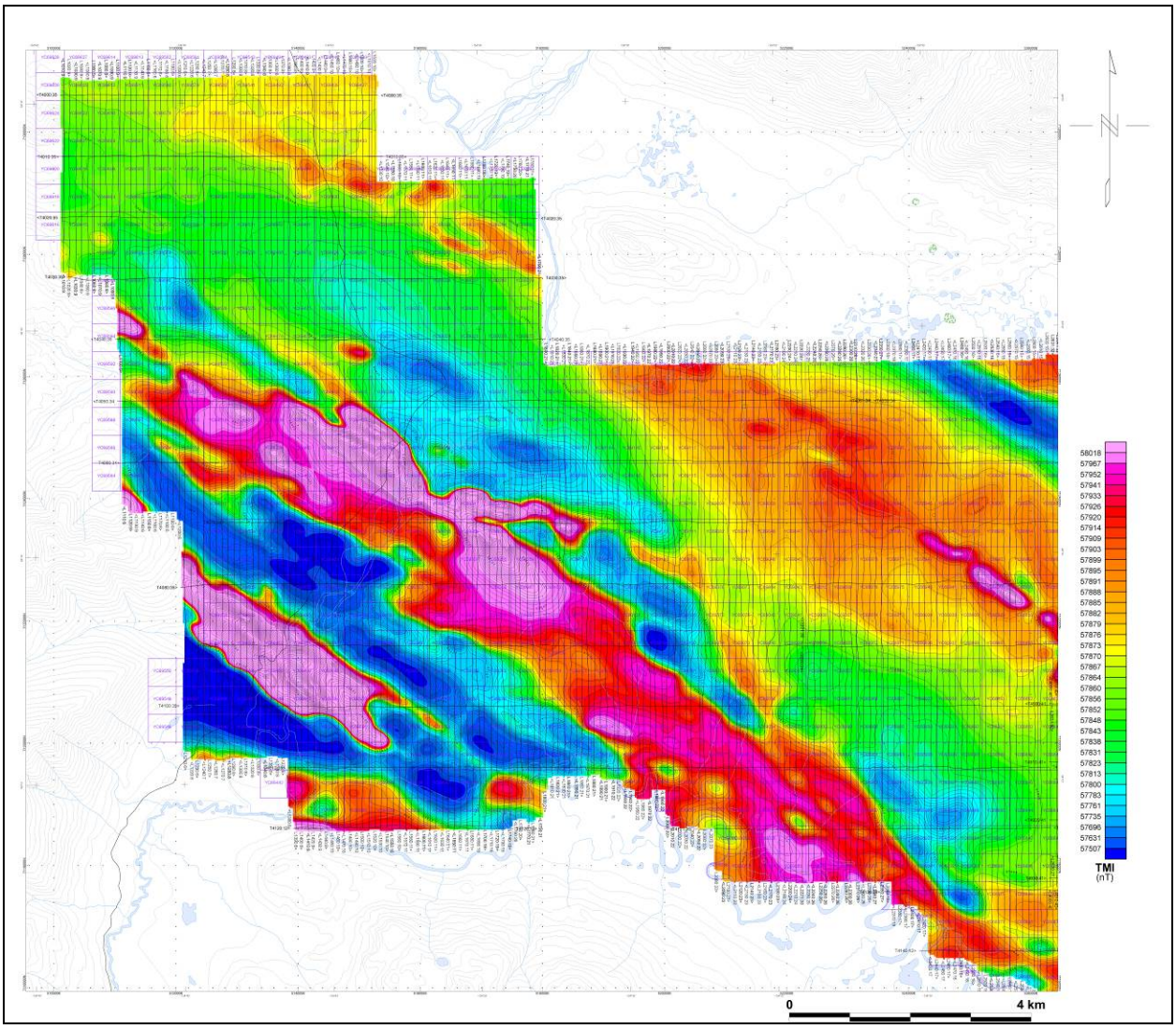
APPENDIX C

VTEM WAVEFORM



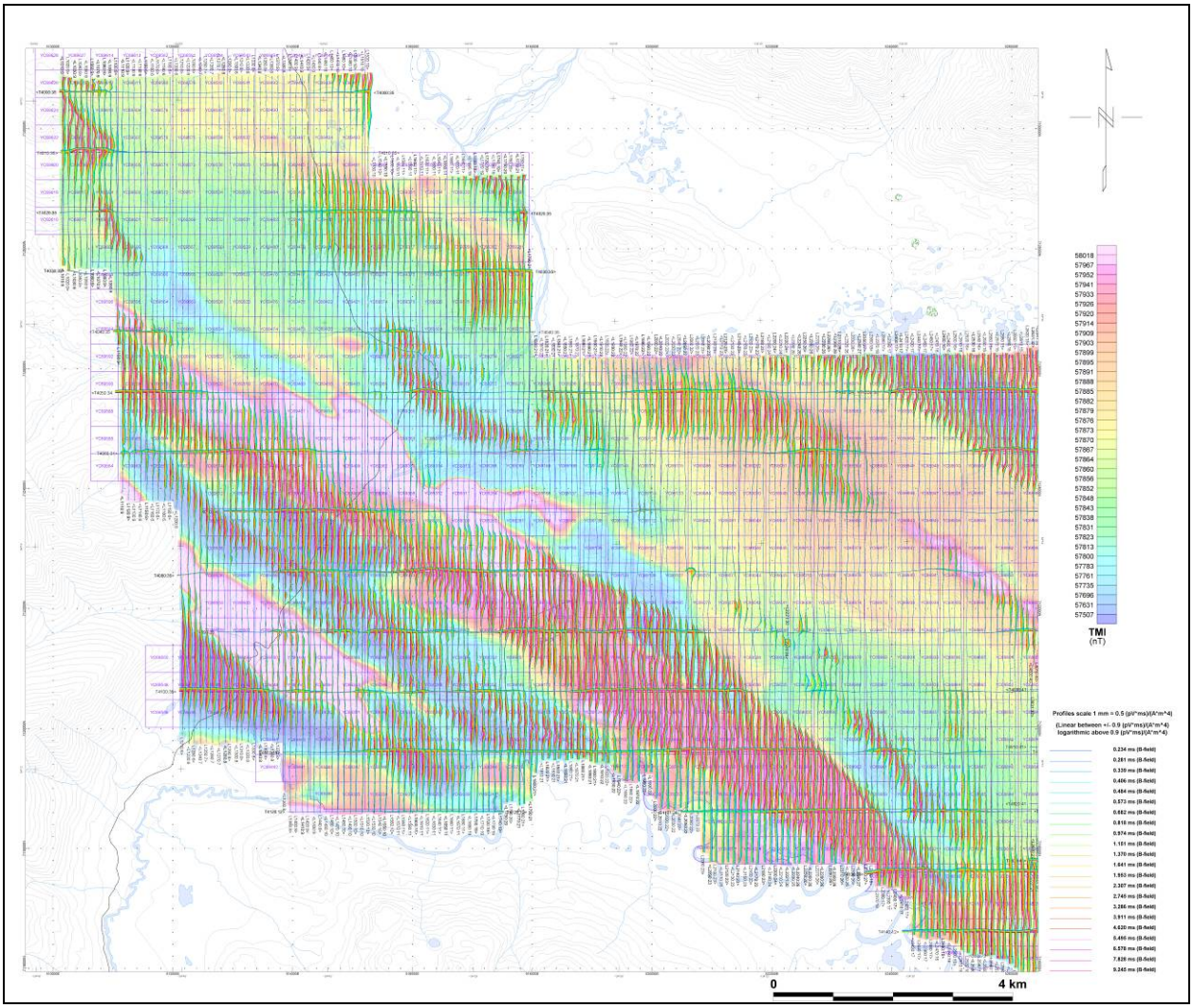
APPENDIX D

GEOPHYSICAL MAPS[1]

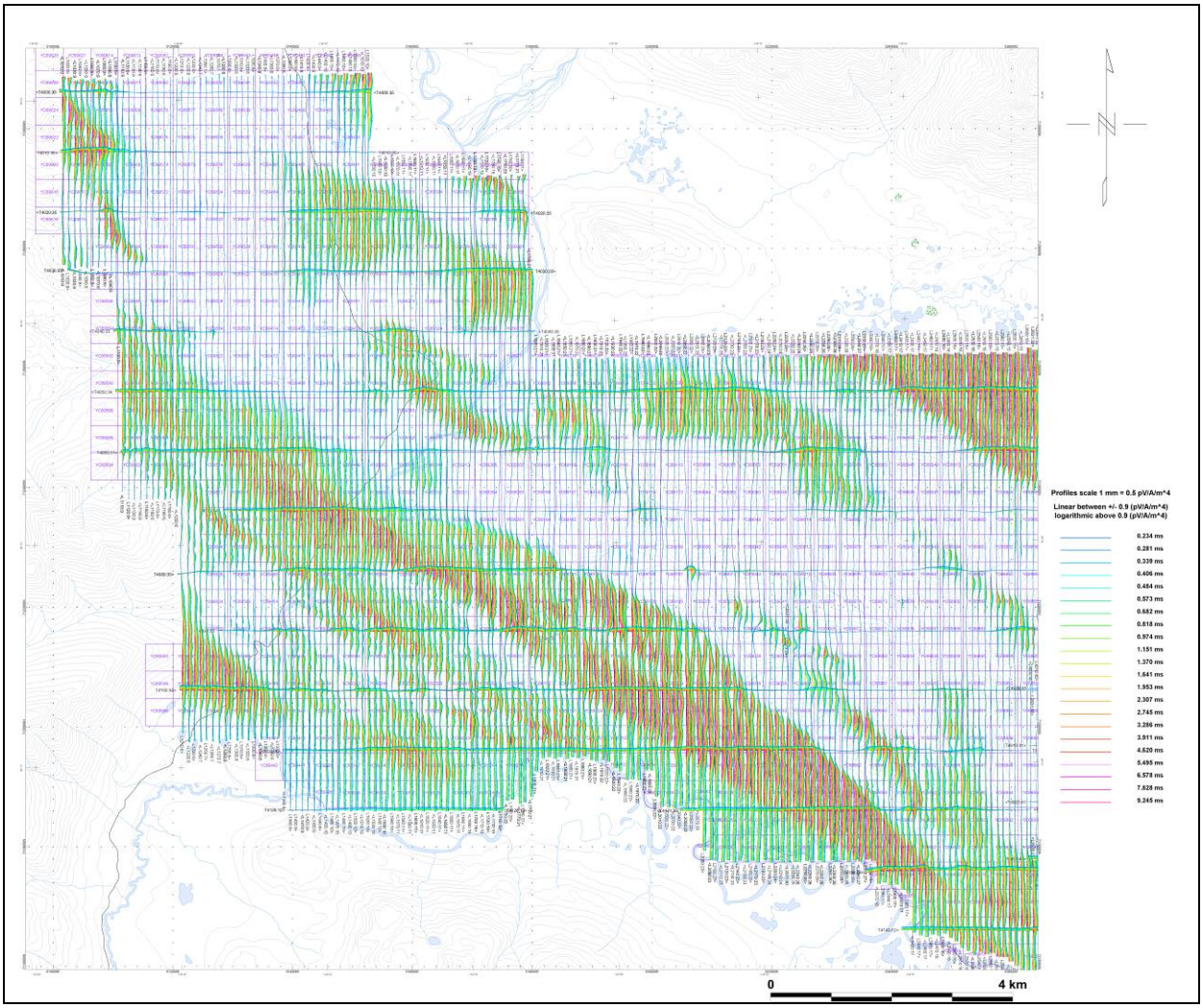


RAU Property - West: Total Magnetic Intensity (TMI)

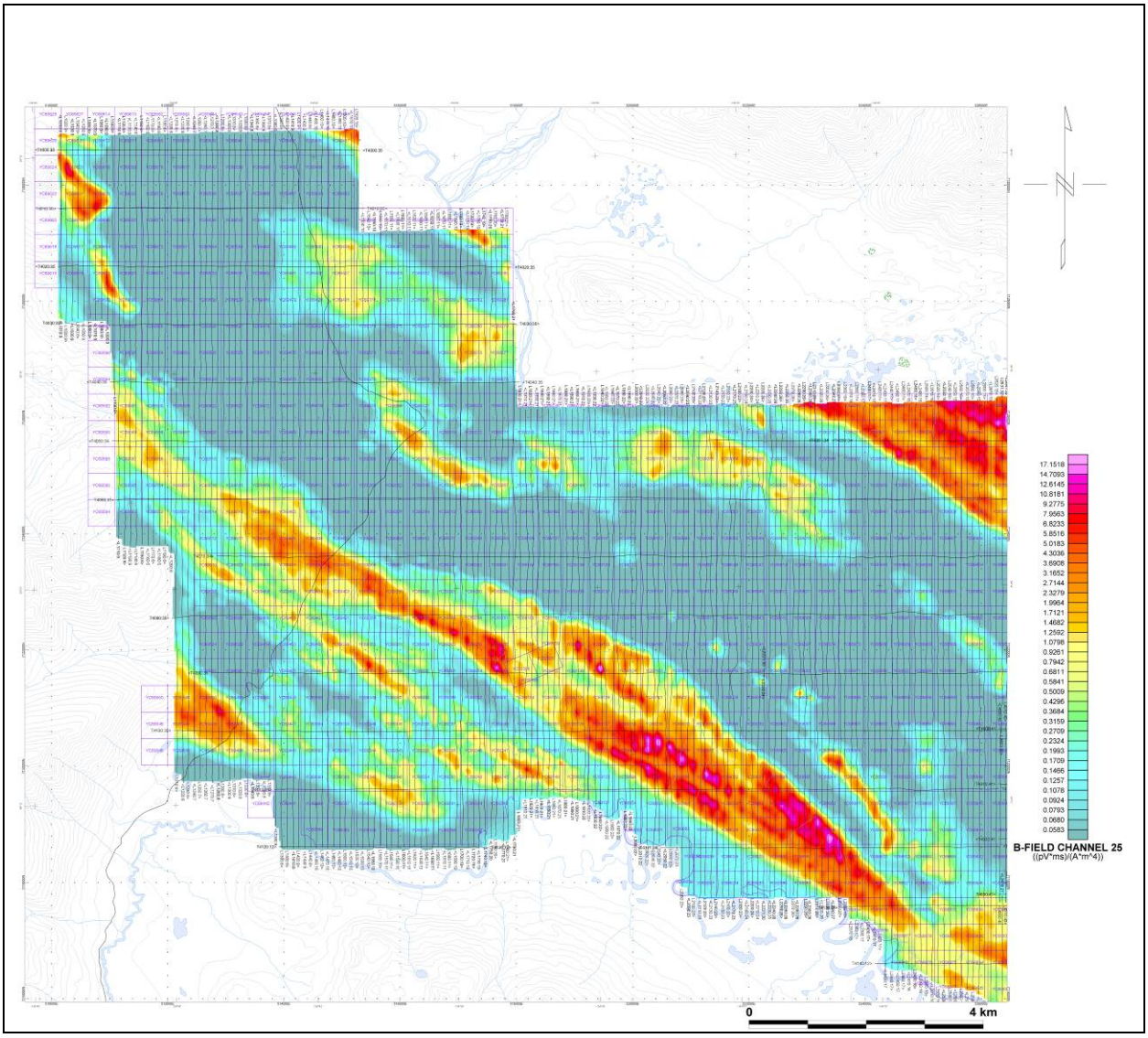
1 Note: Present maps are a selection of the final geophysical maps. Full size geophysical maps are also available in PDF format on the final DVD.



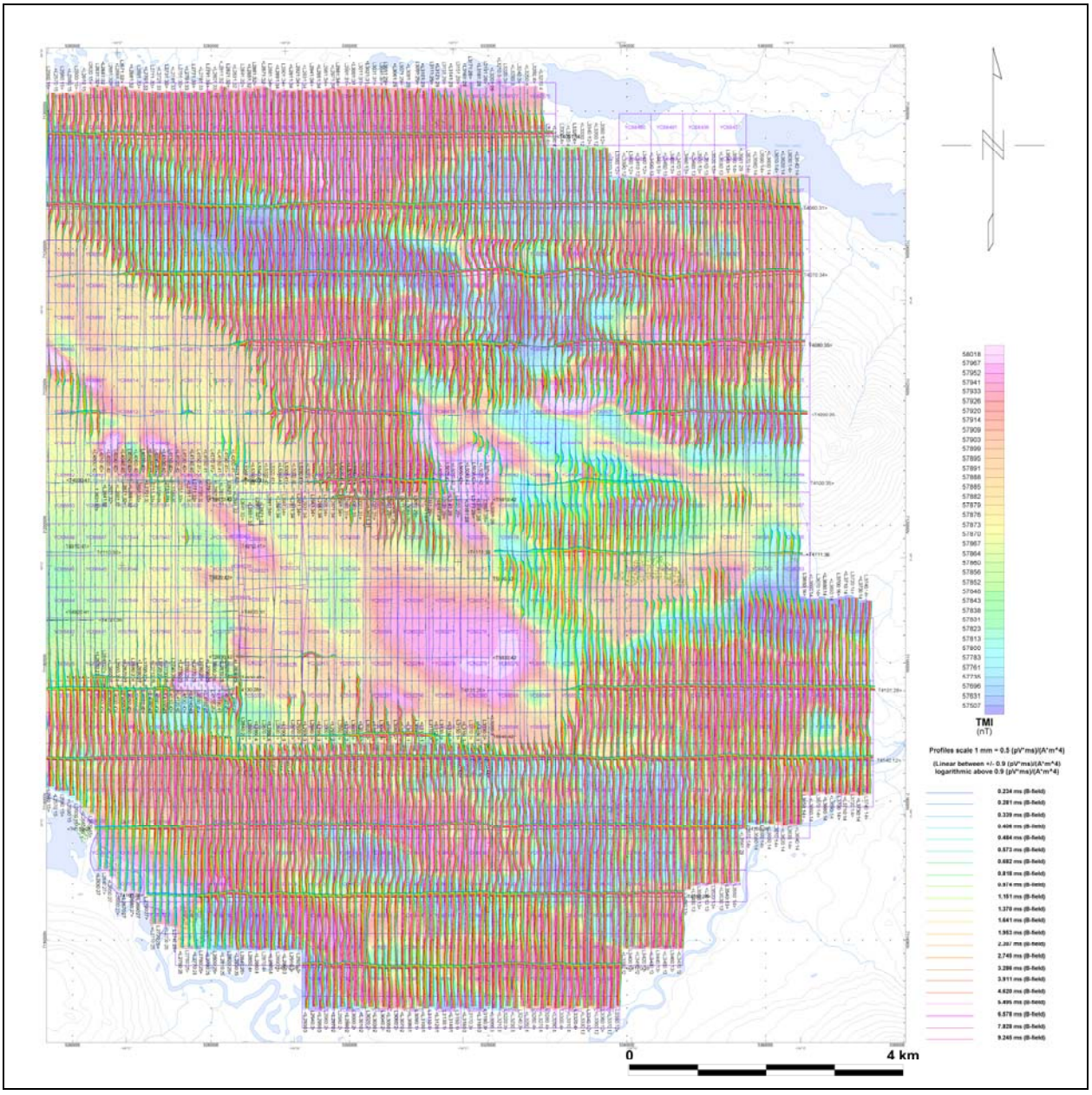
RAU Property - West: VTEM B-Field Profiles
– Time Gates 0.234 to 9.245 ms, over TMI



RAU Property - West: VTEM dB/dt Profiles
- Time Gates 0.234 to 9.245 ms



RAU Property - West: VTEM B-Field Contours
- Time Gate 1.641 ms



RAU Property - East: VTEM B-Field Profiles
– Time Gates 0.234 to 9.245 ms, over TMI

APPENDIX E

GENERALIZED MODELING RESULTS OF THE VTEM SYSTEM

Introduction

The VTEM system is based on a concentric or central loop design, whereby, the receiver is positioned at the centre of a 26.1 metres diameter transmitter loop that produces a dipole moment up to 556,400 nIA at peak current. The wave form is a bi-polar, modified square wave with a turn-on and turn-off at each end. With a base frequency of 30 Hz, the duration of each pulse is approximately 4.2 milliseconds followed by an off time where no primary field is present.

During turn-on and turn-off, a time varying field is produced (dB/dt) and an electro-motive force (emf) is created as a finite impulse response. A current ring around the transmitter loop moves outward and downward as time progresses. When conductive rocks and mineralization are encountered, a secondary field is created by mutual induction and measured by the receiver at the centre of the transmitter loop.

Measurements are made during the on and off-time, when only the secondary field (representing the conductive targets encountered in the ground) is present.

Efficient modeling of the results can be carried out on regularly shaped geometries, thus yielding close approximations to the parameters of the measured targets. The following is a description of a series of common models made for the purpose of promoting a general understanding of the measured results.

General Modeling Concepts

A set of models has been produced for the Geotech VTEM® system with explanation notes (see models C1 to C18). The reader is encouraged to review these models, so as to get a general understanding of the responses as they apply to survey results. While these models do not begin to cover all possibilities, they give a general perspective on the simple and most commonly encountered anomalies.

When producing these models, a few key points were observed and are worth noting as follows:

- For near vertical and vertical plate models, the top of the conductor is always located directly under the centre low point between the two shoulders in the classic **M** shaped response.

- As the plate is positioned at an increasing depth to the top, the shoulders of the **M** shaped response, have a greater separation distance.

- When faced with choosing between a flat lying plate and a prism model to represent the target (broad response) some ambiguity is present and caution should be exercised.

- With the concentric loop system and Z-component receiver coil, virtually all types of conductors and most geometries are most always well coupled and a response is generated. Only concentric loop systems can succefully map this type great variety of targets.

The Maxwell ™ modeling program (EMIT Technology Pty. Ltd., Midland, AU) used to generate the following responses assumes a resistive half-space.

Variation of Plate Depth

Geometries represented by plates of different strike length, depth extent, dip, plunge and depth below surface can be varied with characteristic parameters like conductance of the target, conductance of the host and conductivity/thickness and thickness of the overburden layer.

Diagrammatic models for a vertical plate are shown in Figures C-1 & C-2 and C-5 & C-6 at two different depths, all other parameters remaining constant. With this transmitter-receiver geometry, the classic **M** shaped response is generated. Figures C-1 and C-2 show a plate where the top is near surface. Here, amplitudes of the duel peaks are higher and symmetrical with the zero centre positioned directly above the plate. Most important is the separation distance of the peaks. This distance is small when the plate is near surface and widens with a linear relationship as the plate (depth to top) increases. Figures C-5 and C-6 show a much deeper plate where the separation distance of the peaks is much wider and the amplitudes of the channels have decreased.

Variation of Plate Dip

As the plate dips and departs from the vertical position, the peaks become asymmetrical. Figures C-3 & C-4 and C-7 and C-8 show a near surface plate dipping 80º at two different depths. Note that the direction of dip is toward the high shoulder of the response and the top of the plate remains under the centre minimum.

As the dip increases, the aspect ratio (Min/Max) decreases and this aspect ratio can be used as an empirical guide to dip angles from near 90º to about 30º. The method is not sensitive enough where dips are less than about 30º. For example, for a plate dipping 45º, the minimum shoulder

starts to vanish. In Figures C-9 & C-10 and C-11 & C-12, a flat lying plate is shown, relatively near surface. Note that the twin peak anomaly has been replaced by a symmetrical shape with large, bell shaped, channel amplitudes which decay relative to the conductance of the plate.

In the special case where two plates are positioned to represent a synclinal structure. Note that the main characteristic is that the centre amplitudes are higher (approximately double) compared to the high shoulder of a single plate. This model is very representative of tightly folded formations where the conductors where once flat lying.

Variation of Prism Dip

Finally, with thicker, prism models, another algorithm is required to represent current on the plate. A plate model is considered to be infinitely thin with respect to thickness and incapable of representing the current in the thickness dimension. A prism model is constructed to deal with this problem, thereby, representing the thickness of the body more accurately.

Figures C-13 & C-14 and C-15 & C-16 show the same prism at the same depths with variable dips. Aside from the expected differences asymmetry prism anomalies show a characteristic change from a double-peaked anomaly to single peak signatures.

I. THIN PLATE

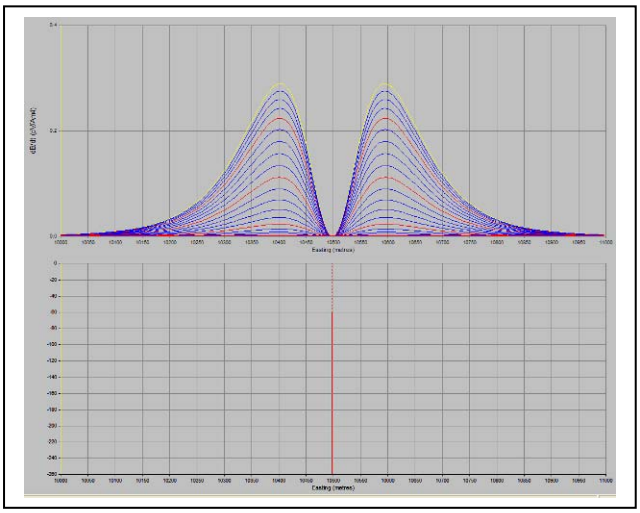


Figure C-1: dB/dt response of a shallow vertical thin plate. Depth=100 m, CT=20 S. The EM response is normalized by the dipole moment and the Rx area.

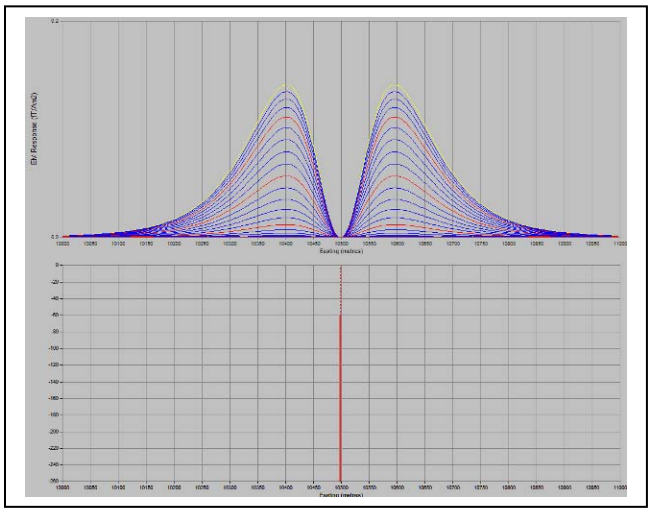


Figure C-2: B-field response of a shallow vertical thin plate. Depth=100 m, CT=20 S. The EM response is normalized by the dipole moment.

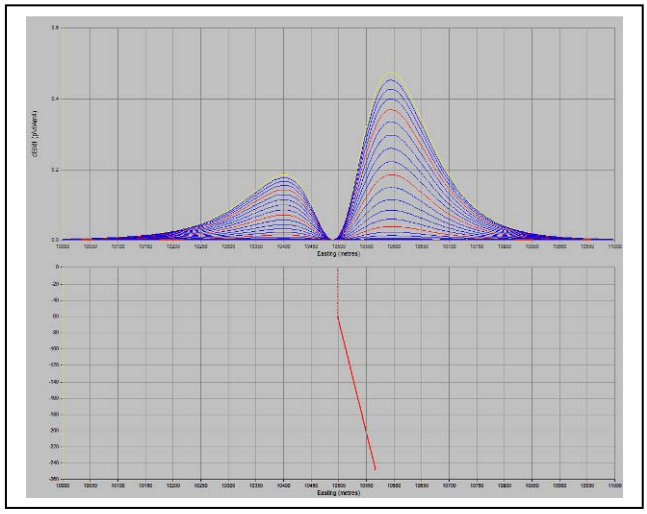


Figure C-3: dB/dt response of a shallow skewed thin plate. Depth=100 m, CT=20 S. The EM response is normalized by the dipole moment and the Rx area.

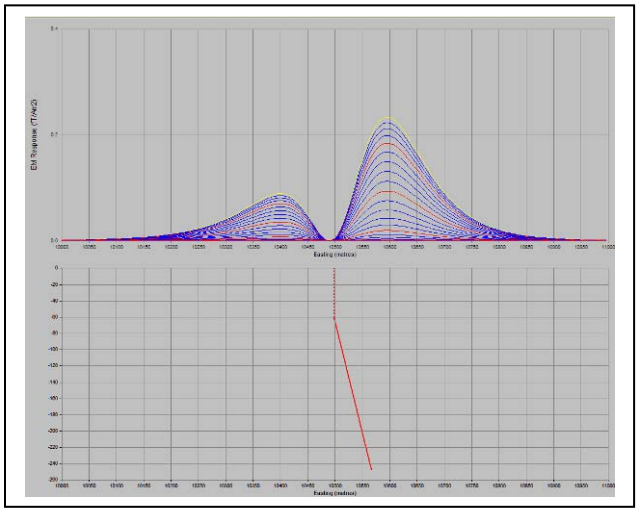


Figure C-4: B-field response of a shallow skewed thin plate. Depth=100 m, CT=20 S. The EM response is normalized by the dipole moment.

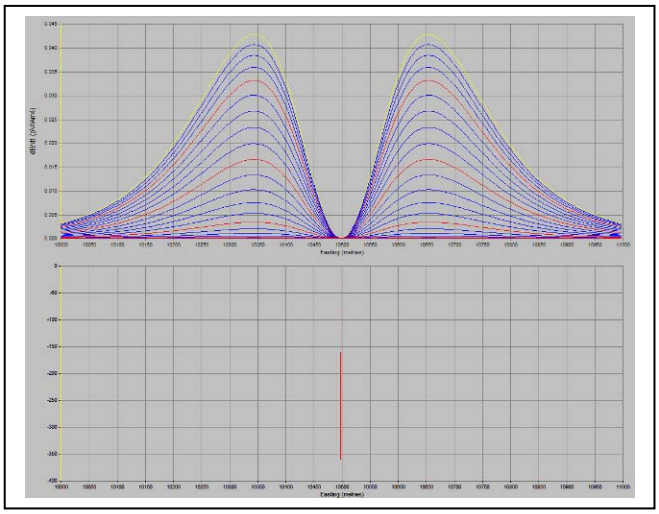


Figure C-5: dB/dt response of a deep vertical thin plate. Depth=200 m, CT=20 S. The EM response is normalized by the dipole moment and the Rx area.

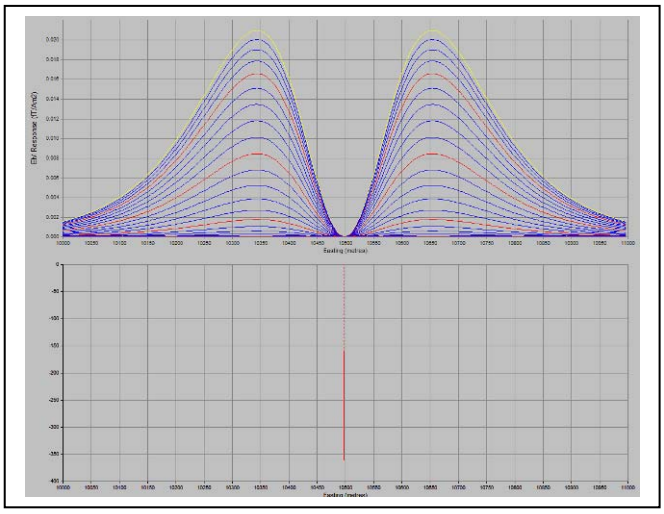


Figure C-6: B-Field response of a deep vertical thin plate. Depth=200 m, CT=20 S. The EM response is normalized by the dipole moment.

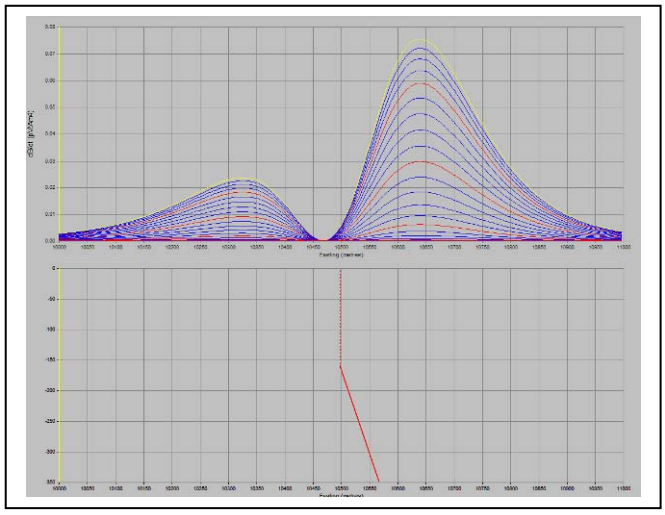


Figure C-7: dB/dt response of a deep skewed thin plate. Depth=200 m, CT=20 S. The EM response is normalized by the dipole moment and the Rx area.

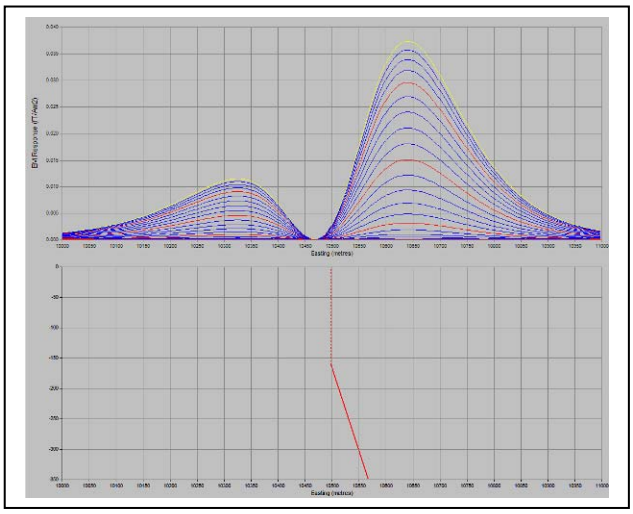


Figure C-8: B-field response of a deep skewed thin plate. Depth=200 m, CT=20 S. The EM response is normalized by the dipole moment.

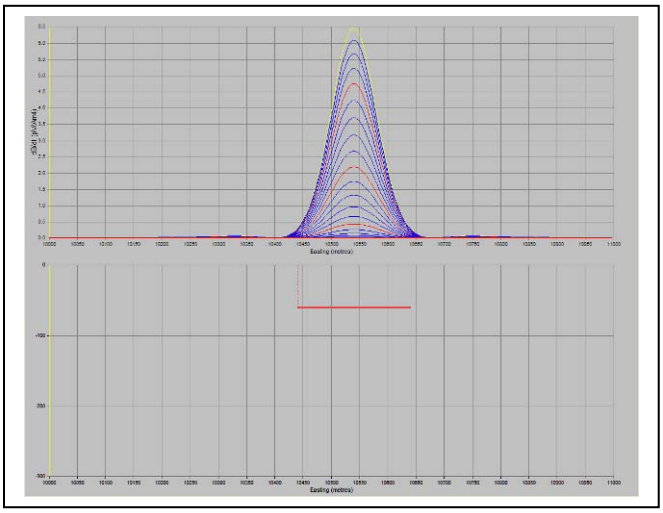


Figure C-9: dB/dt response of a shallow horizontal thin plate. Depth=100 m, CT=20 S. The EM response is normalized by the dipole moment and the Rx area.

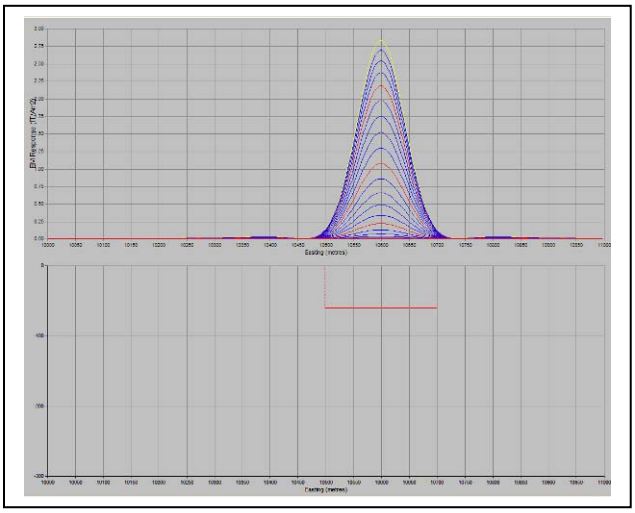


Figure C-10: B-Field response of a shallow horizontal thin plate. Depth=100 m, CT=20 S. The EM response is normalized by the dipole moment.

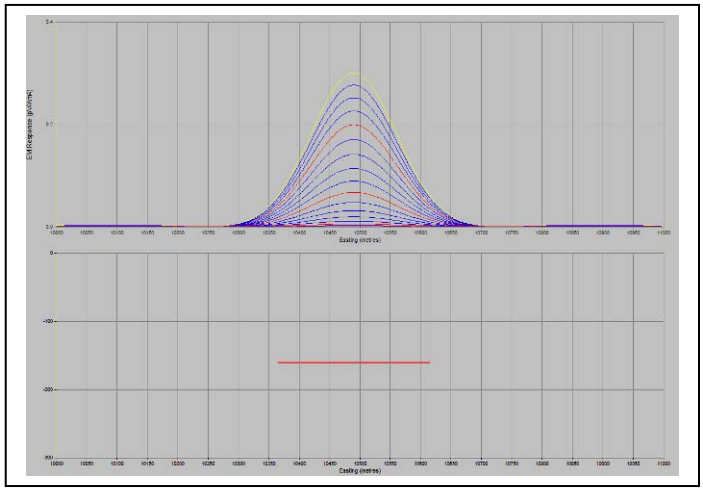


Figure C-11: dB/dt response of a deep horizontal thin plate. Depth=200 m, CT=20 S. The EM response is normalized by the dipole moment and the Rx area.

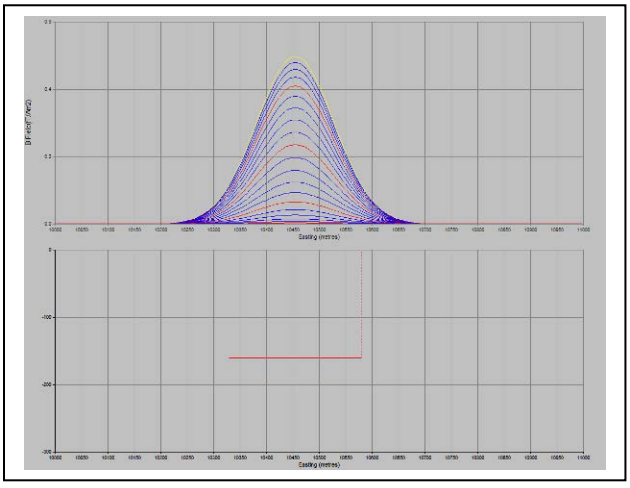


Figure C-12: B-Field response of a deep horizontal thin plate. Depth=200 m, CT=20 S. The EM response is normalized by the dipole moment.

II. THICK PLATE

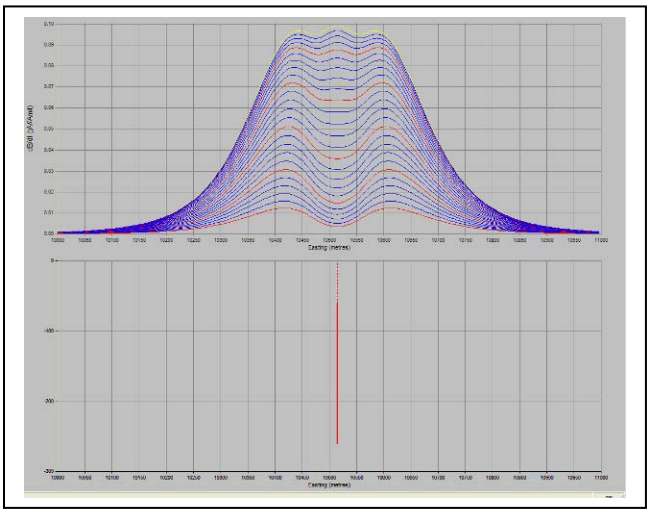


Figure C-13: dB/dt response of a shallow vertical thick plate. Depth=100 m, C=12 S/m, thickness=20 m. The EM response is normalized by the dipole moment and the Rx area.

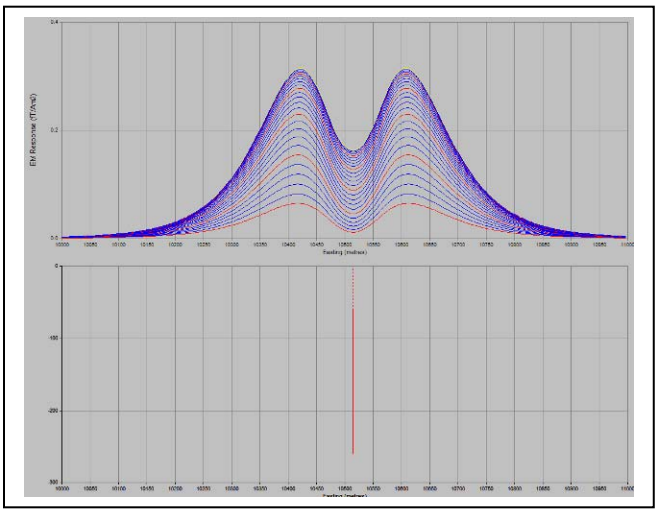


Figure C-14: B-Field response of a shallow vertical thick plate. Depth=100 m, C=12 S/m, thickness= 20 m. The EM response is normalized by the dipole moment.

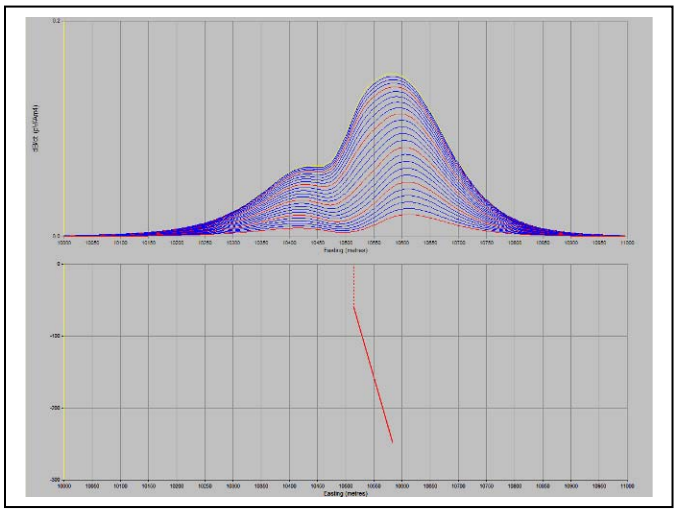


Figure C-15: dB/dt response of a shallow skewed thick plate. Depth=100 m, C=12 S/m, thickness=20 m. The EM response is normalized by the dipole moment and the Rx area.

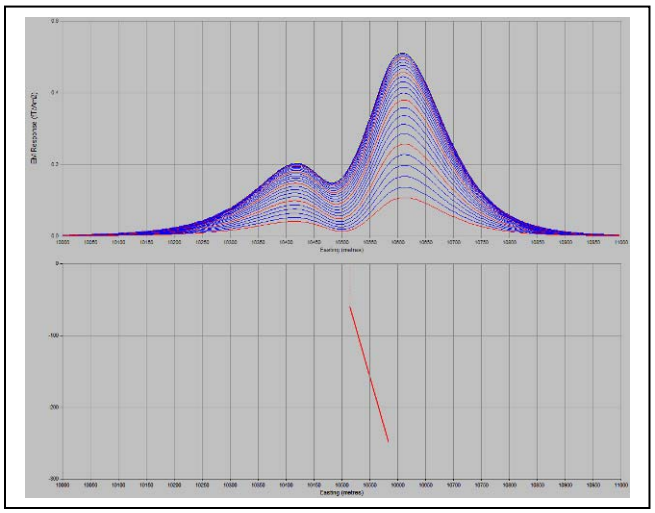


Figure C-16: B-Field response of a shallow skewed thick plate. Depth=100 m, C=12 S/m, thickness=20 m. The EM response is normalized by the dipole moment.

III. MULTIPLE THIN PLATES

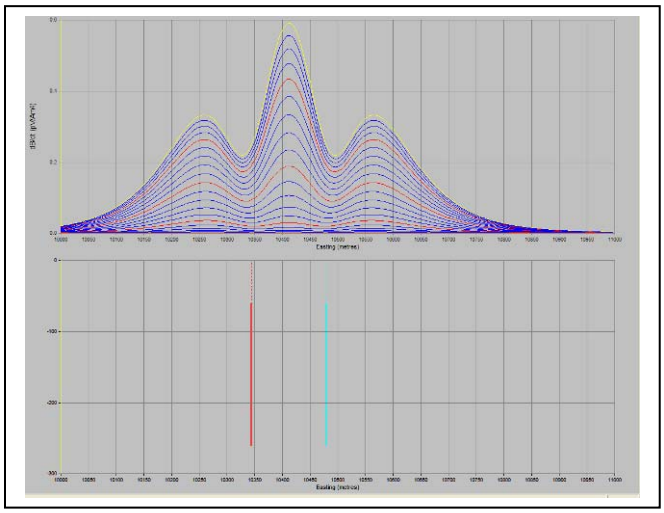


Figure C-17: dB/dt response of two vertical thin plates. Depth=100 m, CT=20 S. The EM response is normalized by the dipole moment and the Rx area.

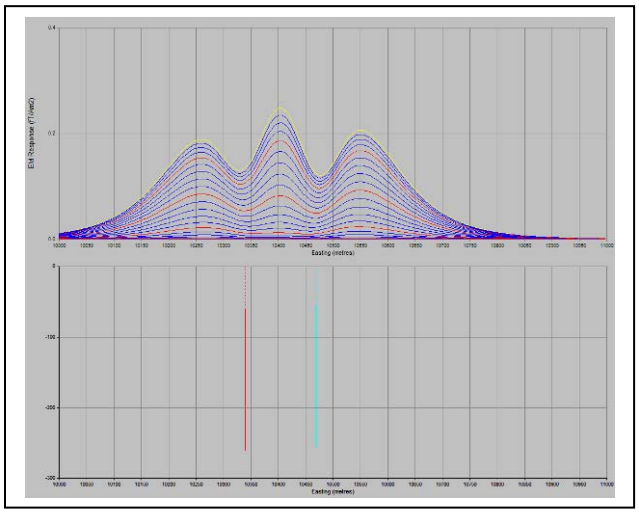


Figure C-18: B-Field response of two vertical thin plates. Depth=100 m, CT=20 S. The EM response is normalized by the dipole moment.

General Interpretation Principals

Magnetics

The total magnetic intensity responses reflect major changes in the magnetite and/or other magnetic minerals content in the underlying rocks and unconsolidated overburden. Precambrian rocks have often been subjected to intense heat and pressure during structural and metamorphic events in their history. Original signatures imprinted on these rocks at the time of formation have, it most cases, been modified, resulting in low magnetic susceptibility values.

The amplitude of magnetic anomalies, relative to the regional background, helps to assist in identifying specific magnetic and non-magnetic rock units (and conductors) related to, for example, mafic flows, mafic to ultramafic intrusives, felsic intrusives, felsic volcanics and/or sediments etc. Obviously, several geological sources can produce the same magnetic response. These ambiguities can be reduced considerably if basic geological information on the area is available to the geophysical interpreter.

In addition to simple amplitude variations, the shape of the response expressed in the wave length and the symmetry or asymmetry, is used to estimate the depth, geometric parameters and magnetization of the anomaly. For example, long narrow magnetic linears usually reflect mafic flows or intrusive dyke features. Large areas with complex magnetic patterns may be produced by intrusive bodies with significant magnetization, flat lying magnetic sills or sedimentary iron formation. Local isolated circular magnetic patterns often represent plug-like igneous intrusives such as kimberlites, pegmatites or volcanic vent areas.

Because the total magnetic intensity (TMI) responses may represent two or more closely spaced bodies within a response, the second derivative of the TMI response may be helpful for distinguishing these complexities. The second derivative is most useful in mapping near surface linears and other subtle magnetic structures that are partially masked by nearby higher amplitude magnetic features. The broad zones of higher magnetic amplitude, however, are severely attenuated in the vertical derivative results. These higher amplitude zones reflect rock units having strong magnetic susceptibility signatures. For this reason, both the TMI and the second derivative maps should be evaluated together.

Theoretically, the second derivative, zero contour or color delineates the contacts or limits of large sources with near vertical dip and shallow depth to the top. The vertical gradient map also aids in determining contact zones between rocks with a susceptibility contrast, however, different, more complicated rules of thumb apply.

Concentric Loop EM Systems

Concentric systems with horizontal transmitter and receiver antennae produce much larger responses for flat lying conductors as contrasted with vertical plate-like conductors. The amount of current developing on the flat upper surface of targets having a substantial area in this dimension, are the direct result of the effective coupling angle, between the primary magnetic field and the flat surface area. One therefore, must not compare the amplitude/conductance of responses generated from flat lying bodies with those derived from near vertical plates; their ratios will be quite different for similar conductances.

Determining dip angle is very accurate for plates with dip angles greater than 30º. For angles less than 30º to 0º, the sensitivity is low and dips can not be distinguished accurately in the presence of normal survey noise levels.

A plate like body that has near vertical position will display a two shoulder, classic **M** shaped response with a distinctive separation distance between peaks for a given depth to top.

It is sometimes difficult to distinguish between responses associated with the edge effects of flat lying conductors and poorly conductive bedrock conductors. Poorly conductive bedrock conductors having low dip angles will also exhibit responses that may be interpreted as surficial overburden conductors. In some situations, the conductive response has line to line continuity and some magnetic correlation providing possible evidence that the response is related to an actual bedrock source.

The EM interpretation process used, places considerable emphasis on determining an understanding of the general conductive patterns in the area of interest. Each area has different characteristics and these can effectively guide the detailed process used.

The first stage is to determine which time gates are most descriptive of the overall conductance patterns. Maps of the time gates that represent the range of responses can be very informative.

Next, stacking the relevant channels as profiles on the flight path together with the second vertical derivative of the TMI is very helpful in revealing correlations between the EM and Magnetics.

Next, key lines can be profiled as single lines to emphasize specific characteristics of a conductor or the relationship of one conductor to another on the same line. Resistivity Depth sections can be constructed to show the relationship of conductive overburden or conductive bedrock with the conductive anomaly.

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Roger Barlow
Consultant

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Nasreddine Bournas, P. Geo.
Geotech Ltd.

December 2008