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ASSESSMENT REPORT

describing

GEOCHEMICAL SAMPLING, MAPPING, AND PROSPECTING

at the

STOKED PROPERTY

Stoked 1-16	YC69945-YC69960
17-112	YC70115-YC70210
Ho 1-120	YC94068-YC94187
Rae 1-54	YC70533-YC70586

NTS 116A08 & 106D05
Latitude 64°23'N; Longitude 136°02'W

Mayo Mining District
Yukon Territory

prepared by

Archer, Cathro & Associates (1981) Limited

for

ATAC RESOURCES LTD.

by

W.A.Wengzynowski, P.Eng.
March 2010

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INTRODUCTION

The Stoked property covers an area of historical anomalous gold stream sediment geochemistry and consists of three contiguous claim blocks referred to as the Stoked, Ho, and Rae. The claims are located in central Yukon and are wholly owned by ATAC Resources Ltd.

This report describes an eighteen day exploration program conducted by Archer, Cathro & Associates (1981) Limited in summer 2009 on behalf of ATAC. The work was performed from mid June to early July, and comprised geological mapping and prospecting plus stream sediment and soil sampling within the claim group. The author supervised the program and his Statement of Qualifications appears in Appendix I.

PROPERTY LOCATION, CLAIM DATA AND ACCESS

The Stoked property consists of 286 contiguous mineral claims in the Stoked, Ho, and Rae groups located in central Yukon at latitude 64°23'N and longitude 136°02'W on NTS map sheets 116A/08 and 106D/05 (Figure 1). Collectively the properties cover an area of approximately 5800 hectares (60 km²). The claims are registered with the Mayo Mining Recorder in the name of Archer Cathro which holds them in trust for ATAC. The locations of individual claims are shown on Figure 2 while claim registration data are listed below.

Table I – Claim Information

<u>Claim Name</u>	<u>Grant Number</u>	<u>Expiry Date*</u>
Stoked 1-16	YC69945-YC69960	April 28, 2012
17-112	YC70115-YC70210	April 28, 2012
Ho 1-120	YC94068-YC94187	April 28, 2010
Rae 1-54	YC70533-YC70586	April 28, 2012

* Expiry dates include 2009 work that has been filed for assessment credit but not yet accepted.

The property lies 85 km north of Mayo, the nearest supply centre. All season road access is possible to a staging area at the end of the Hansen-McQuesten road, roughly 75 km by road north of Mayo. From the staging area it is an additional 50 km by air northwest to the property. Worm Lake, 10 km north of the property, can accommodate float equipped aircraft. Property access and camp moves in 2009 were provided by helicopter operating from ATAC's Rau base camp located 80 km to the east-southeast.

PROPERTY HISTORY AND PREVIOUS WORK

The earliest reported exploration over what is now the Stoked property occurred in October 1980. The current Stoked claims were previously staked as the Stroker by Riocanex Inc., which conducted geological mapping at 1:5000 scale, and collected over 600 rock and chip samples. Some of these samples reportedly returned up to 3.4 g/t Au across areas up to 3 m width in isolated fracture zones within the hinges of minor folds. No assessment was filed for this work therefore no detailed descriptions are available.

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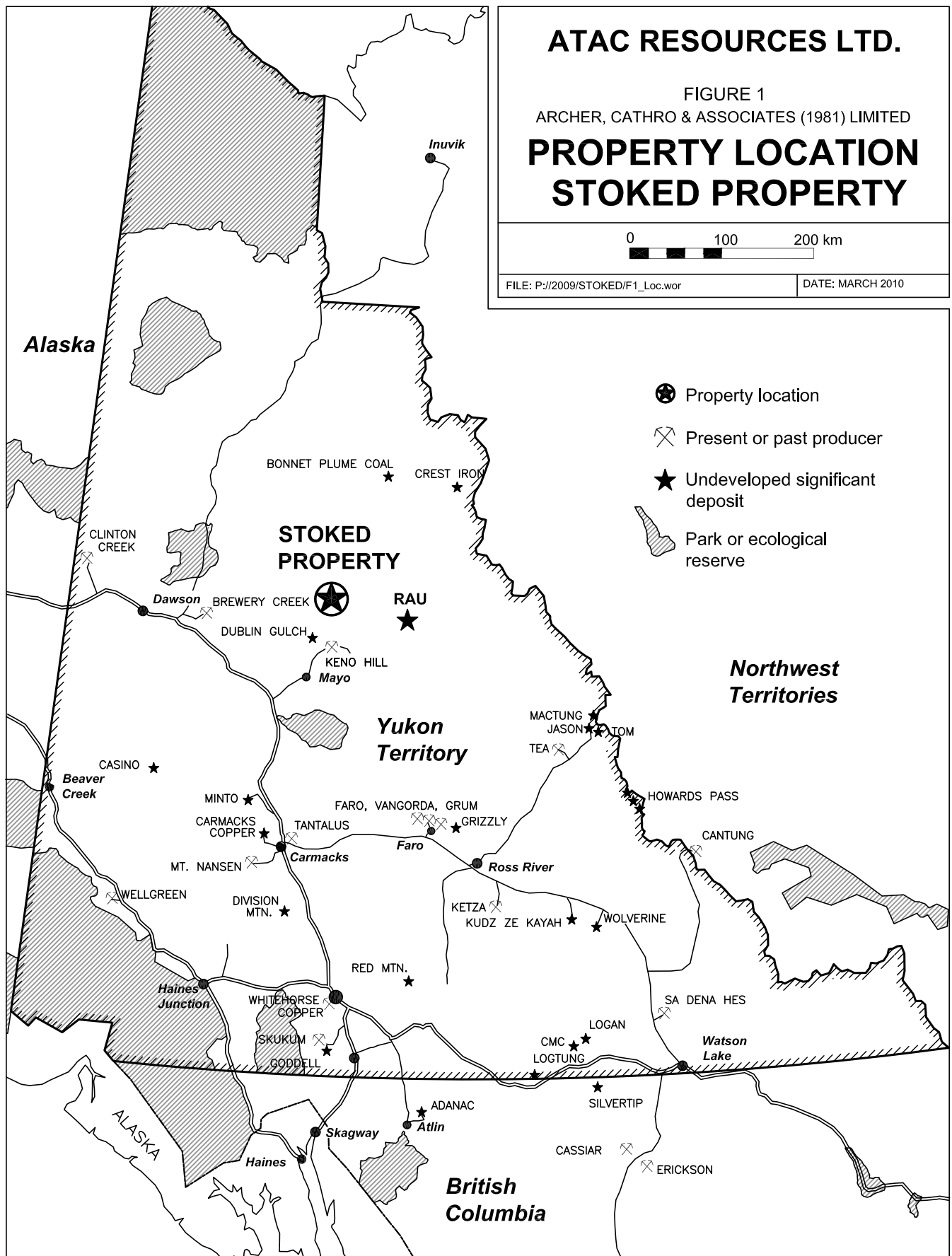
FIGURE 1
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

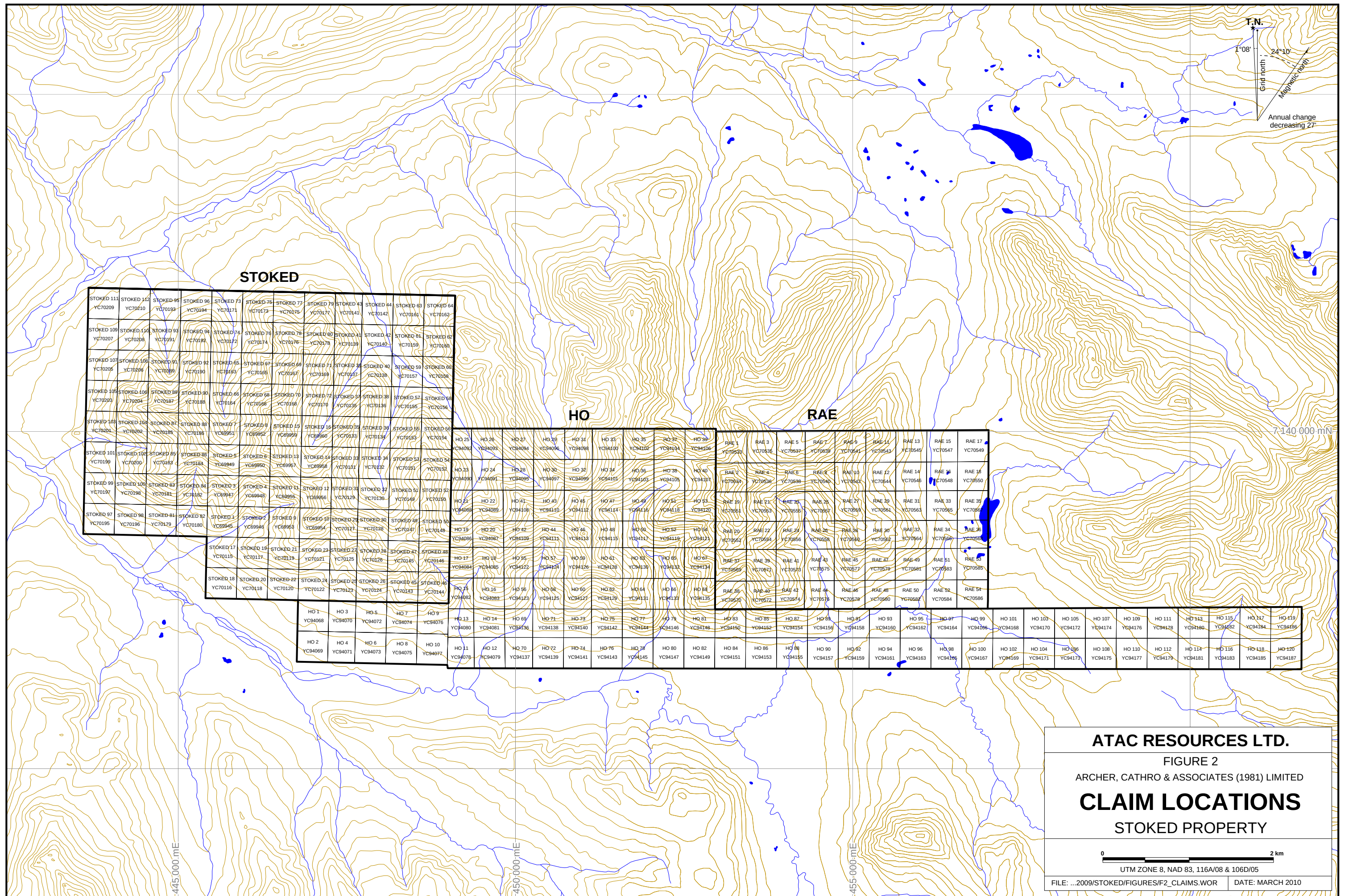
PROPERTY LOCATION STOKED PROPERTY

0 100 200 km

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DATE: MARCH 2010





In 2001, the Geological Survey of Canada completed a regional stream sediment sampling program, which included coverage of the area now occupied by the Stoked property (Heon, 2003). A 99th percentile gold value of 110 ppb was reported from one drainage on the Rae claims now referred to as Northeast Vein Zone.

In September 2008, following a one day reconnaissance of the property, Archer, Cathro staked the Stoked 1-112 and the Rae 1-54 claims on behalf of ATAC. This was followed up with the staking of 120 additional Ho claims in April 2009.

GEOMORPHOLOGY AND CLIMATE

The Stoked property is situated in the southeastern Ogilvie Mountains. Most of the claim block is drained by creeks that flow into Rae Creek and then the Hart River, which is part of the Peel River watershed. Creeks in the easternmost part of the property (Ho claims) drain into the Beaver River, a tributary of the Yukon River. Local elevations range from about 1000 to 2000 m above sea level and topography is primarily alpine to subalpine and features north trending rocky spurs and grassy valleys that flank a main east trending ridge system. Most hillsides are grass covered and outcrop is limited primarily to ridge crests and less commonly in actively eroding creek beds. North facing cirques are generally steep with abundant bedrock exposure. Some resistant layers, particularly limestone beds, outcrop throughout the property. Widespread valley glaciation affected the region in the mid to Late Pleistocene, however, only lower elevations are blanketed with varying thicknesses of till.

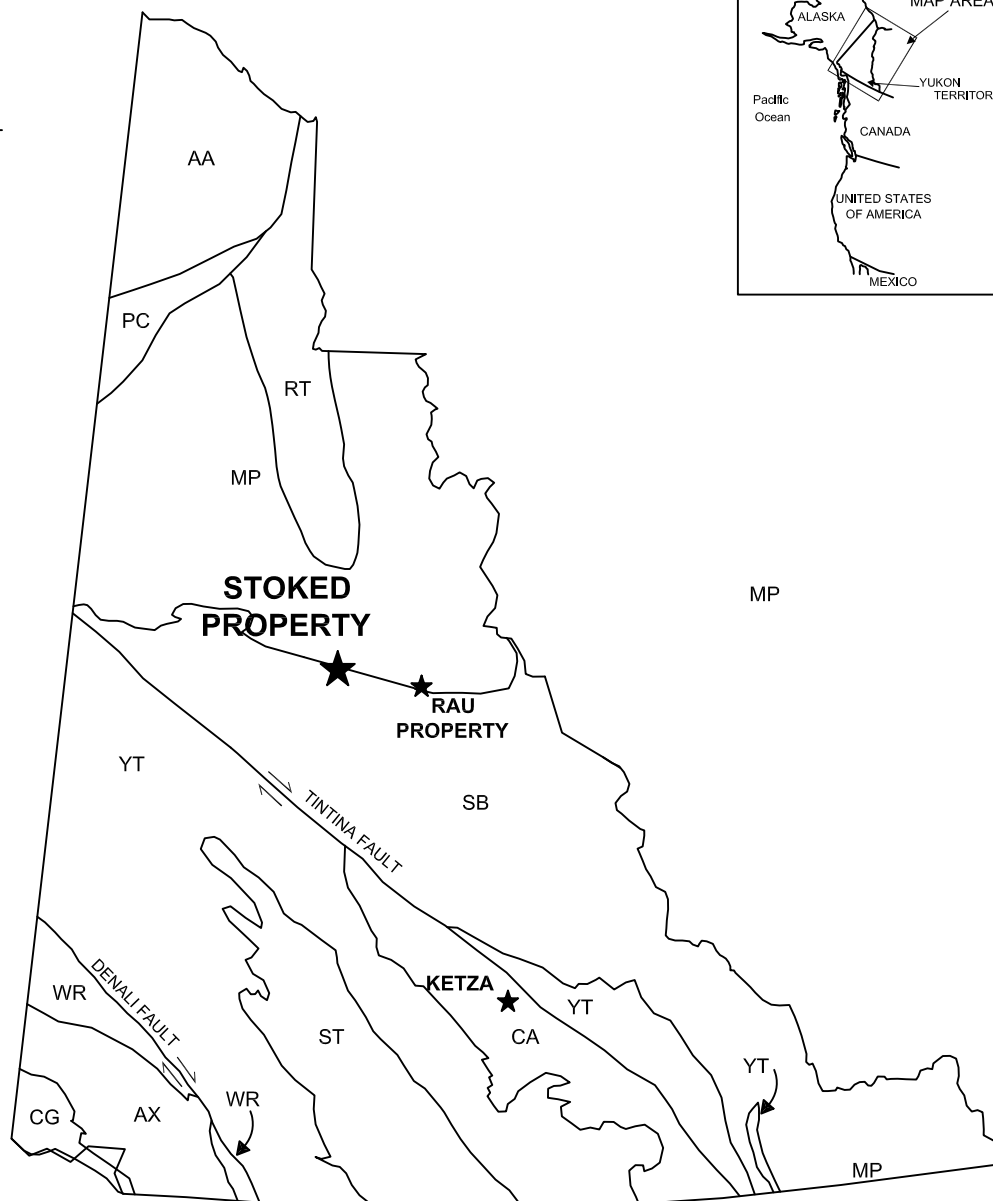
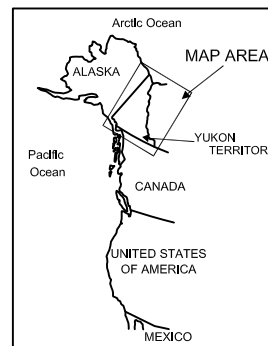
The valley floors are forested with mature black spruce and balsam, with an understorey of black birch and willow. Moderately steep, south facing slopes are well drained and are often lightly forested with poplar trees. Steep, north facing slopes are usually unvegetated. The density and size of vegetation gradually decreases upward towards the treeline, which is roughly at about 1200 m.

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

GEOLOGY

The Geological Survey of Canada performed geological mapping in the vicinity of the Stoked property at 1:250,000 scale in the early 1960s (Green, 1961). In 2000, Gordey and Makepeace completed a compilation of Yukon wide geology and updated the lithological unit designations and descriptions.

The Stoked property lies within a band of regional-scale thrust faults that imbricate rocks of Selwyn Basin and Mackenzie Platform (Figures 3 and 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



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 |

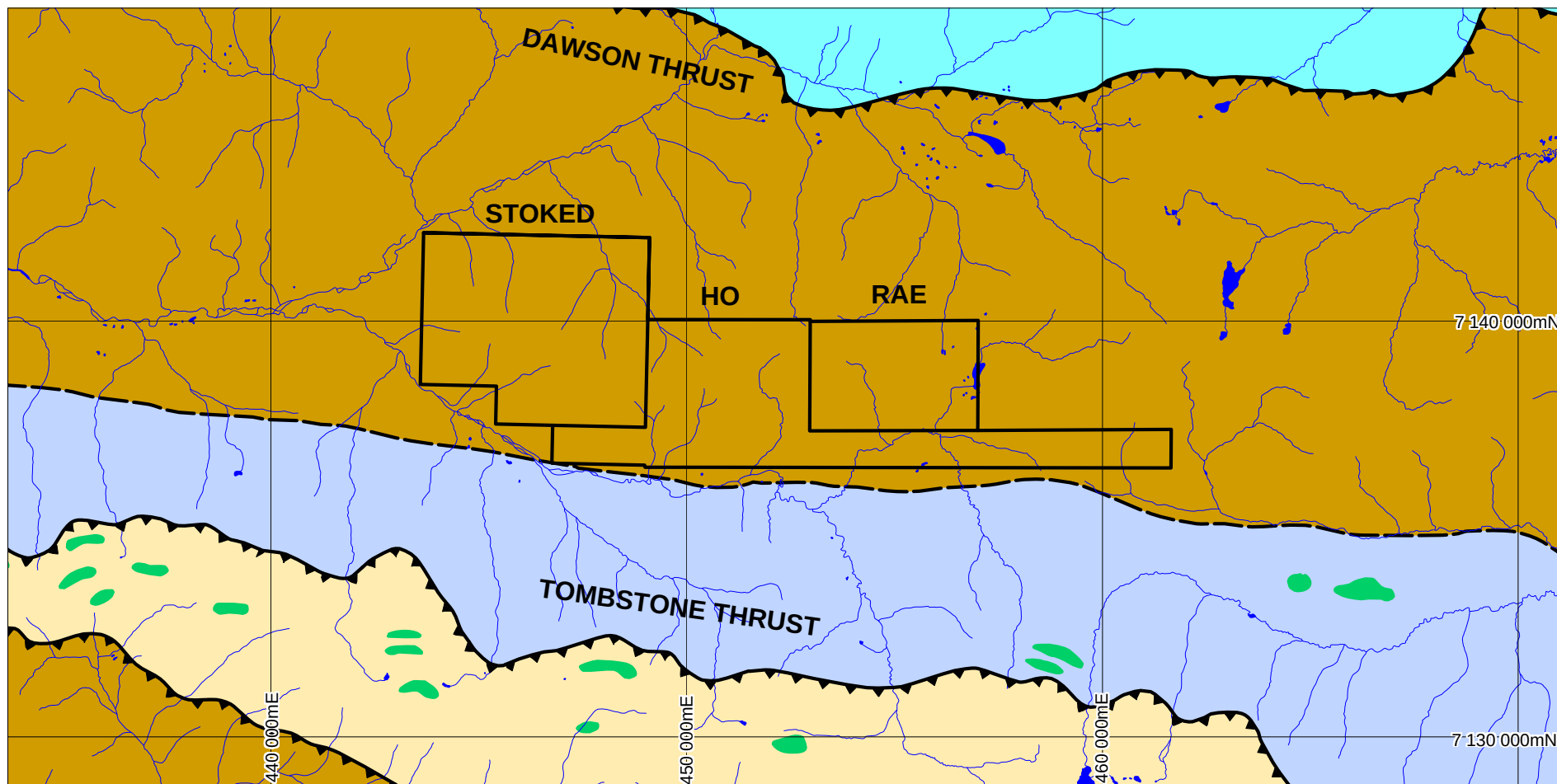
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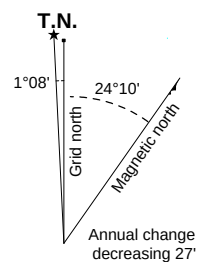
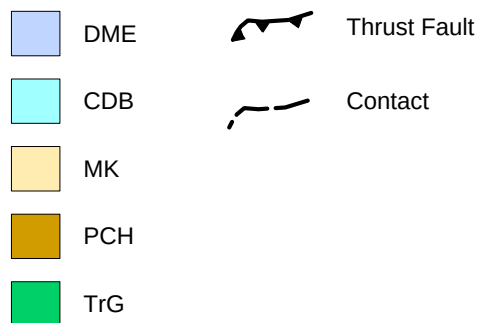
FIGURE 3

TECTONIC SETTING STOKED PROPERTY

0 100 200 km



Modified after Green (1961) with unit descriptions from Gordey and Makepeace (2000)



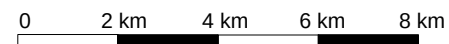
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FIGURE 4

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

REGIONAL GEOLOGY

STOKED PROPERTY



UTM ZONE 8, NAD 83, 116A/08 & 106D/05

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were deposited from Mid-Proterozoic through Paleozoic times. Both packages of sediments were deposited on the western margin of ancestral North America.

North of the claims, the Dawson Thrust Fault roughly defines the northern extent of the Selwyn Basin strata and juxtaposes these rocks against rocks of the Mackenzie Platform. South of the property, Paleozoic and Pre-Cambrian strata of Selwyn Basin is further juxtaposed and imbricated by the Tombstone Thrust Fault. These 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).

The geology in the surrounding region, from south to north, includes five main sedimentary units classified by Gordey and Makepeace (2000) as Keno Hill Quartzite, Earn Group, Galena Suite, Hyland Group, and Bouvette Formation.

South of the property, Mississippian Keno Hill Quartzite is comprised of quartz arenite and phyllite and is thrust atop Earn Group sediments. The Earn Group is a complex assemblage of submarine fan and channel deposits within black chert and shale sequences. It lies immediately south of the property and consists of dark grey to black siliceous shales, cherts, argillites, and cherty argillites. Various Galena Suite (TrG) hornblende diorite, gabbro, and greenstone sills outcrop locally throughout the Earn Group and Keno Hill units.

The Hyland Group (PCH), which consists of the Yusezyu Formation and conformably overlying Narchilla Formation, comprises the stratigraphic floor of the region. The Yusezyu Formation consists of a variably metamorphosed, fine- to coarse-grained, gritty, quartz-rich succession of evenly interbedded sandstone and shale (PCH1) capped by a thin discontinuous limestone member (PCH2) (Lindsay, 2006). Primitive trace fossils found within the formation suggest that it is upper Proterozoic in age (Fritz et al., 1983). The Narchilla Formation (PCH3) is characterized by recessive, maroon to green shale and sandstone and sedimentary features observed in this formation are indicative of deposition from sedimentary gravity flows, likely turbidites under calm relatively deep water conditions (Gordey and Anderson, 1993). Based on trace fossil evidence, the Narchilla Formation is classified as Late Precambrian to Early Cambrian in age (Fritz et al., 1983).

The Bouvette Formation unconformably overlies the Hyland Group. It comprises grey and buff-weathering dolomite and limestone with rare black shale interbeds.

The Stoked property is inferred to be mostly underlain by undifferentiated Hyland Group rocks; however, recent field observations suggest the southern part of the property is underlain by Earn Group stratigraphy. The various units found on the property or in the immediate vicinity are described in detail in the following table.

Table II – Lithological Units (after Gordey and Makepeace, 2000)

Unit Name	Map Name	Age	Description
Galena Suite	TrG	Triassic	Massive, medium-grained hornblende diorite and gabbro sills; massive chloritic and locally serpentized

			greenstone (diorite, gabbro, and altered equivalents) sills; minor occurrences of possible mid- to Late Paleozoic age.
Keno Hill Quartzite	MK	Mississippian	Massive to thick bedded quartz arenite; thin to medium bedded quartz arenite interstratified with black shale or carbonaceous phyllite; local scour surfaces and shale intraclasts; locally foliated and lineated.
Earn Group	DME (Undifferentiated)	Devonian to Mississippian	Complex assemblage of submarine fan and channel deposits (1), (5), within black siliceous shale and chert (2), (4) and including separated small occurrences of felsic volcanic rocks (3); barite common, and many stratiform occurrences of Pb-Zn.
	DME5 (Nation River)	Devonian to Mississippian	Olive-grey mudstone, chert-quartz sandstone and chert pebble conglomerate; shale and sandstone commonly in coarsening and thickening upward cycles.
	DME4 (McCann Hill)	Devonian to Mississippian	Light and dark grey chert and dark grey siliceous shale.
	DME3	Devonian to Mississippian	Massive felsic to intermediate volcanic flows, tuffs, and subvolcanic plug(s); locally highly altered; greenish chert and minor black slate; quartz eye quartz-sericite chlorite phyllite; local vesicular or amygdaloidal basalt, locally pillowed.
	DME2 (Portrait Lake and Prevost)	Devonian to Mississippian	Silvery blue weathering black shale, argillite, cherty argillite and thin-bedded chert; nodular and bedded barite; rare limestone.
	DME1 (Portrait Lake and Prevost)	Devonian to Mississippian	Thin bedded, laminated slate with thin to thickly interbedded fine to medium grained chert-quartz arenite and wacke; thick members of chert pebble conglomerate; black siliceous siltstone; nodular and bedded barite; rare limestone.
Bouvette Formation	CDB1	Upper Cambrian to Lower Devonian	Grey- and buff-weathering dolomite and limestone, medium to thick bedded; white to light grey weathering, massive dolomite; minor platy black argillaceous limestone, limestone conglomerate, and black shale; massive bluish-grey weathering dolostone.
Hyland Group	PCH (Undifferentiated)	Upper Proterozoic to Lower	Consists upwards of coarse turbiditic clastics (1); limestone (2) and fine

		Cambrian	clastics typified by maroon and green shale (3).
	PCH3 (Narchilla Formation)	Upper Proterozoic to Lower Cambrian	Distinctive, recessive, maroon weathering, interbedded maroon and apple-green shale; "Oldhamia" trace fossils; rare grey chert; locally basal member and interbeds of quartz siltstone, sandstone and quartz-pebble conglomerate.
	PCH2 (Limestone member of Yusezyu Formation)	Upper Proterozoic to Lower Cambrian	Grey weathering, dark grey to grey white, thin to thick bedded, very fine crystalline limestone, locally sandy; calc-silicate and marble; may locally include carbonate members within (1).
	PCH1 (Yusezyu Formation)	Upper Proterozoic to Lower Cambrian	Thin to thick bedded, brown to pale green shale, fine to coarse grained quartz-rich sandstone, grit and quartz-pebble conglomerate; minor argillaceous limestone; phyllite, quartzofeldspathic and micaceous psammite, gritty psammite and minor marble.

Regional bedding orientations are variable but commonly strike easterly and dip moderately to the south, parallel to the trend of the Dawson and Tombstone Thrust Faults. Large scale normal faults are inferred to strike east to southeast but rare north-northwest trending normal faults are also present within the area.

2009 EXPLORATION

Overview: The Stoked property was explored between June 18th and July 5th by a two-person crew from three separate camps on the property. During this time broadly spaced, traverses were completed over most of the property, with the exception of the two furthest northwest drainages on the Stoked claims. Prospecting and mapping were conducted in conjunction with reconnaissance scale soil and stream sediment sampling of the major drainages. Rock and chip samples were also collected from areas of interest.

Property Mapping: During the course of the program geological mapping and prospecting were conducted along the network of local ridges and drainages where exposure permitted. A detailed outcrop map was prepared as shown on Figure 5. The property consists mostly of conformable, northwest trending, moderately to steeply south dipping Earn Group stratigraphy overlying Hyland Group sedimentary rocks.

The Hyland Group is characterized by semi-continuous quartz-rich sandstone and fissile shale beds intercalated with thick (50 to 100 m) sections of limestone. Minor chert layers, usually several metres thick, are present within the limestone, sandstone and shale units. Distinct sub-units of basal quartz-rich pebble conglomerate, sandstone, and siltstone (PCH1), thickly bedded, fine crystalline limestone (PCH2) and interbedded maroon and green shale (PCH3) are observed

from north to south across the property. A poorly stratified oolitic mudstone is observed along the extreme eastern edge of the property, but the correlation with the rest of the stratigraphy is unknown.

Earn Group rocks in the southwestern part of the property exhibit a sharp transition into dark grey to black chert horizons with interbedded cherty mudstones and siliceous shales assigned to DME2 or DME4.

Most stratigraphy shows excellent continuity with minor deflections and interpreted facies changes mostly in the western part of the property. In the central part of the property, which is dominantly underlain by Hyland Group, orientations suggest moderately tight and widespread folding has occurred. Small scale steeply dipping normal faults are interpreted to juxtapose some units but the kinematics and magnitude of displacement are unknown.

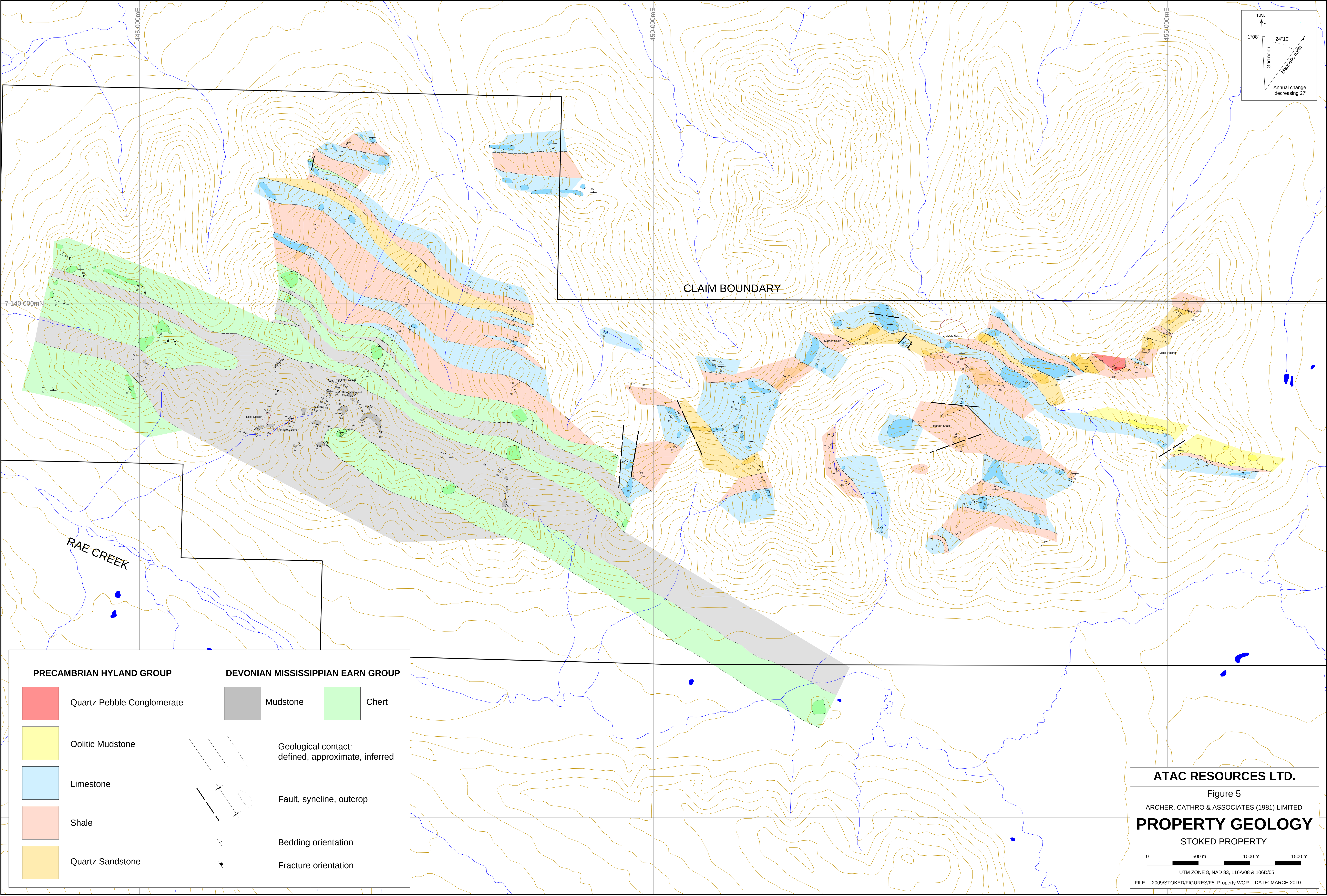
Reconnaissance Soil and Stream Sediment sampling: Reconnaissance stream sediment sampling was conducted in four key drainages throughout the property, with several samples taken from Camp 1 Creek above the anomalous RGS gold in silt anomaly (110 ppb Au). Reconnaissance soil sampling was also conducted in the drainage and cirque system upstream from the anomalous RGS site in addition to the area north of the Riocan anomalies in the central part of the Stoked claims. Isolated soil samples were collected within recessive ridge top lineaments and gossanous zones.

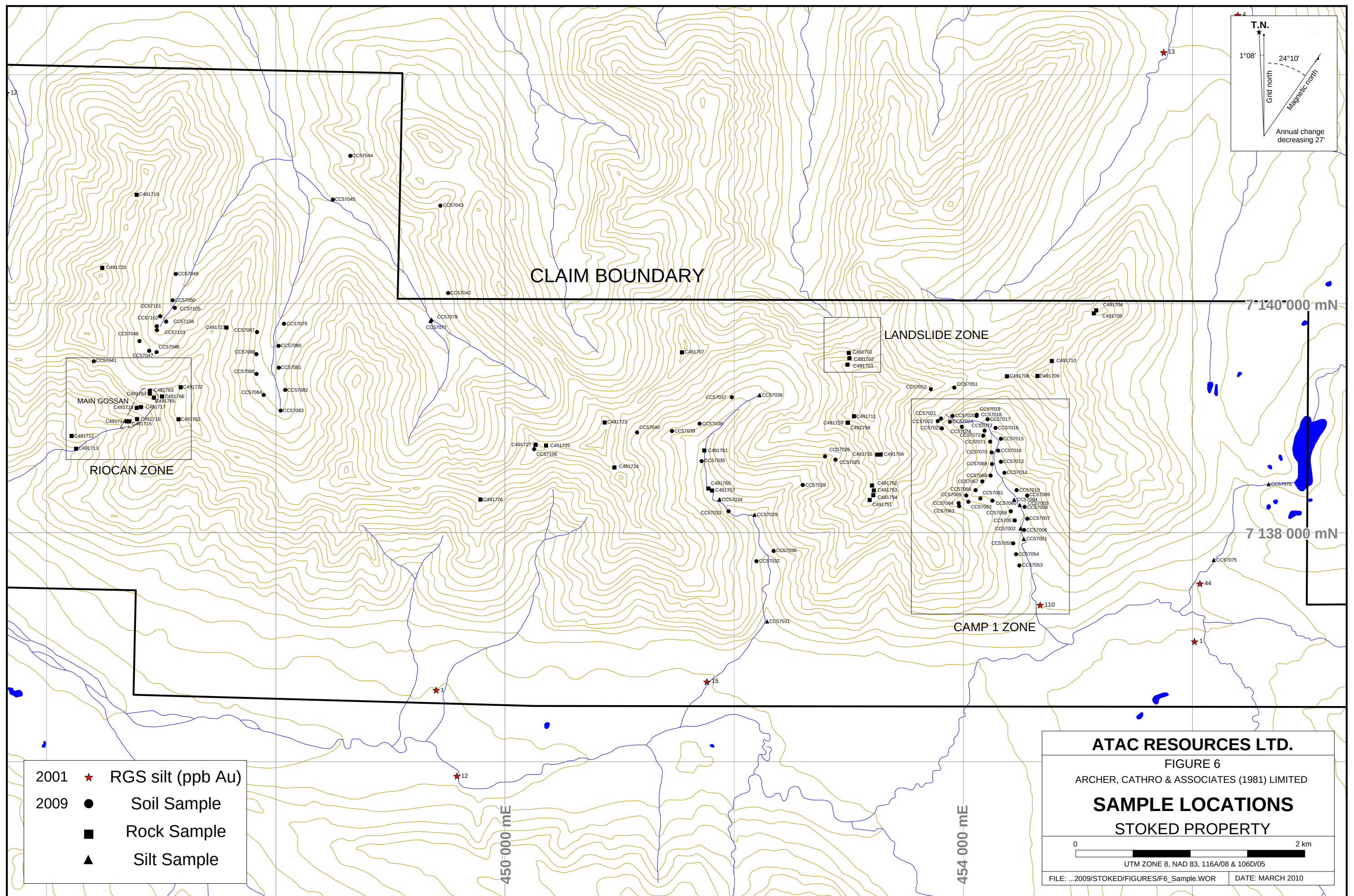
Stream sediment and soil sample locations are shown on Figure 6, while results for gold, arsenic, silver, bismuth, lead, antimony, and zinc are presented on Figures 7 to 13, respectively.

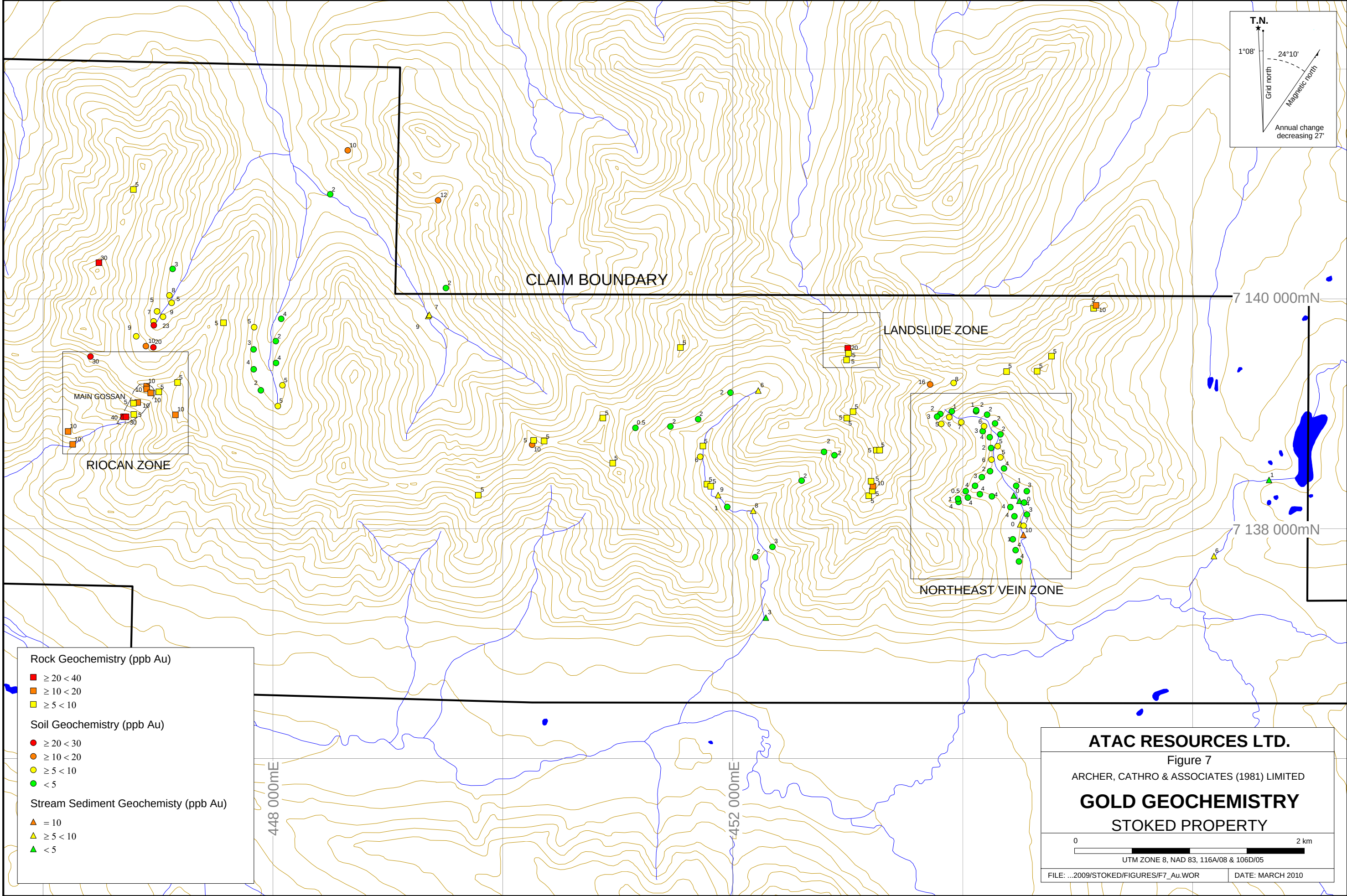
Over the course of property wide traverses, 12 stream sediment samples were collected from four drainages. This low number of samples was mostly a result of steep gradients in the streams and lack of sufficient fine fraction material to sample. Where samples were collected, sites were marked with blue flagging labelled with the sample number. Table III lists the stream sediment geochemical threshold values used in this report and the number of samples within specific threshold levels.

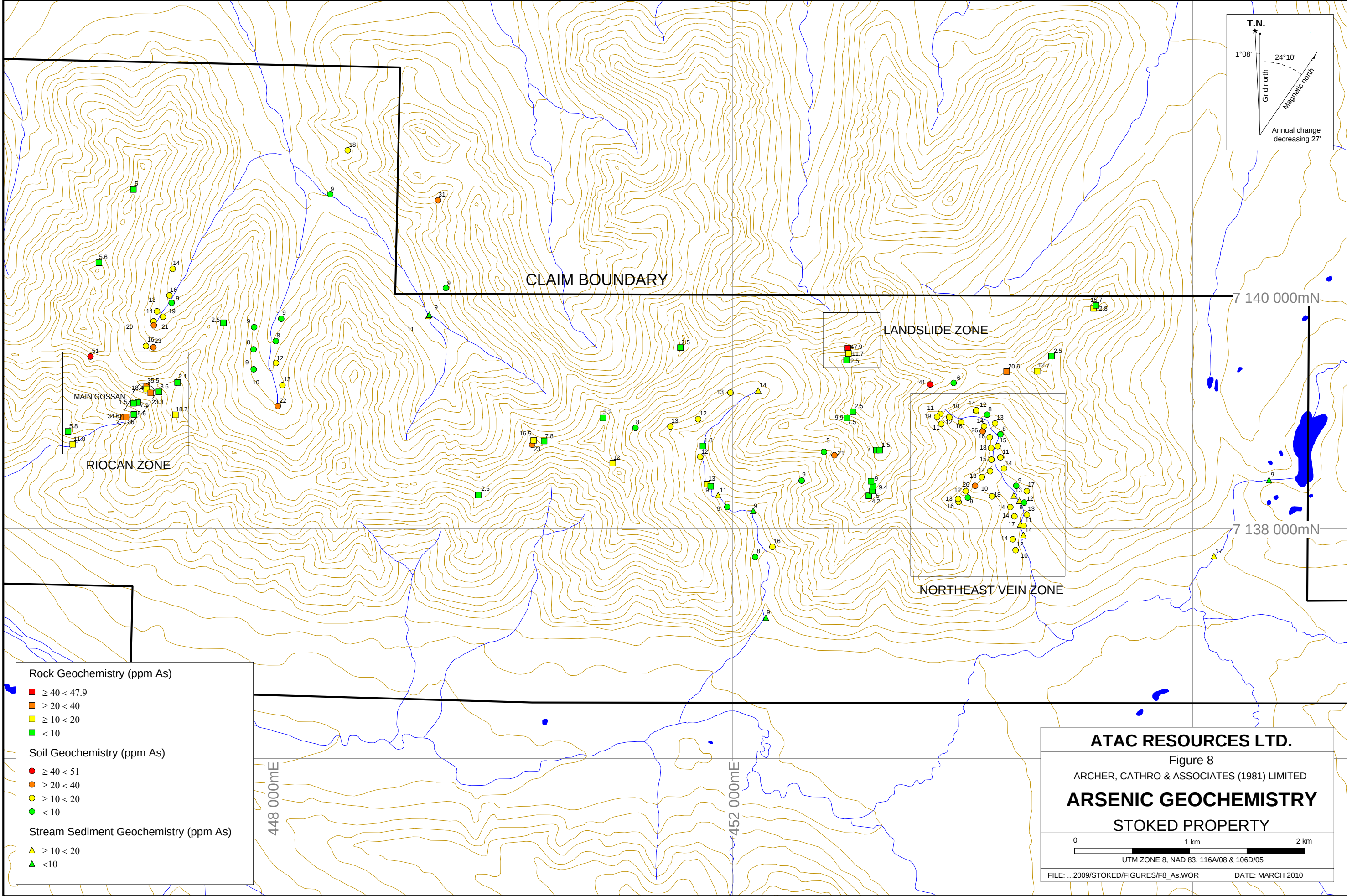
Table III - Stream Sediment Geochemical Thresholds and Distribution

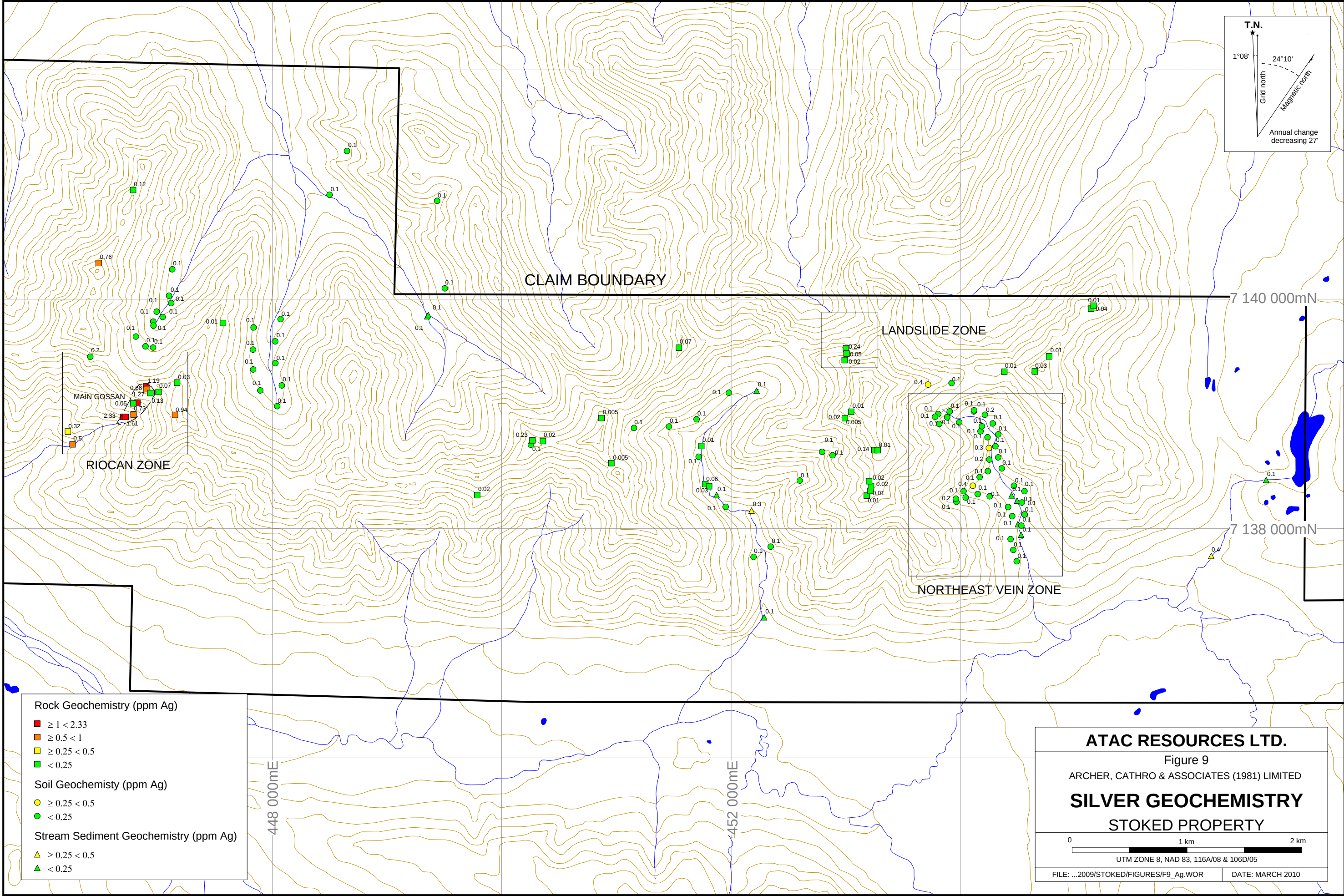
Thresholds	Au (ppb)	As (ppm)	Ag (ppm)	Bi (ppm)	Pb (ppm)	Sb (ppm)	Zn (ppm)
Weakly anomalous	5	10	0.25	0.5	25	2	50
Moderately anomalous	10	20	0.5	1	50	4	100
Strongly Anomalous	20	40	1	2	100	8	200
Peak Value	10	17	0.4	2	40	3	134
Percentage of Samples	%	%	%	%	%	%	%
Below threshold	42	33	83	0	50	83	0
Weakly anomalous	50	67	17	0	50	17	17
Moderately anomalous	8	0	0	75	0	0	83
Strongly Anomalous	0	0	0	25	0	0	0

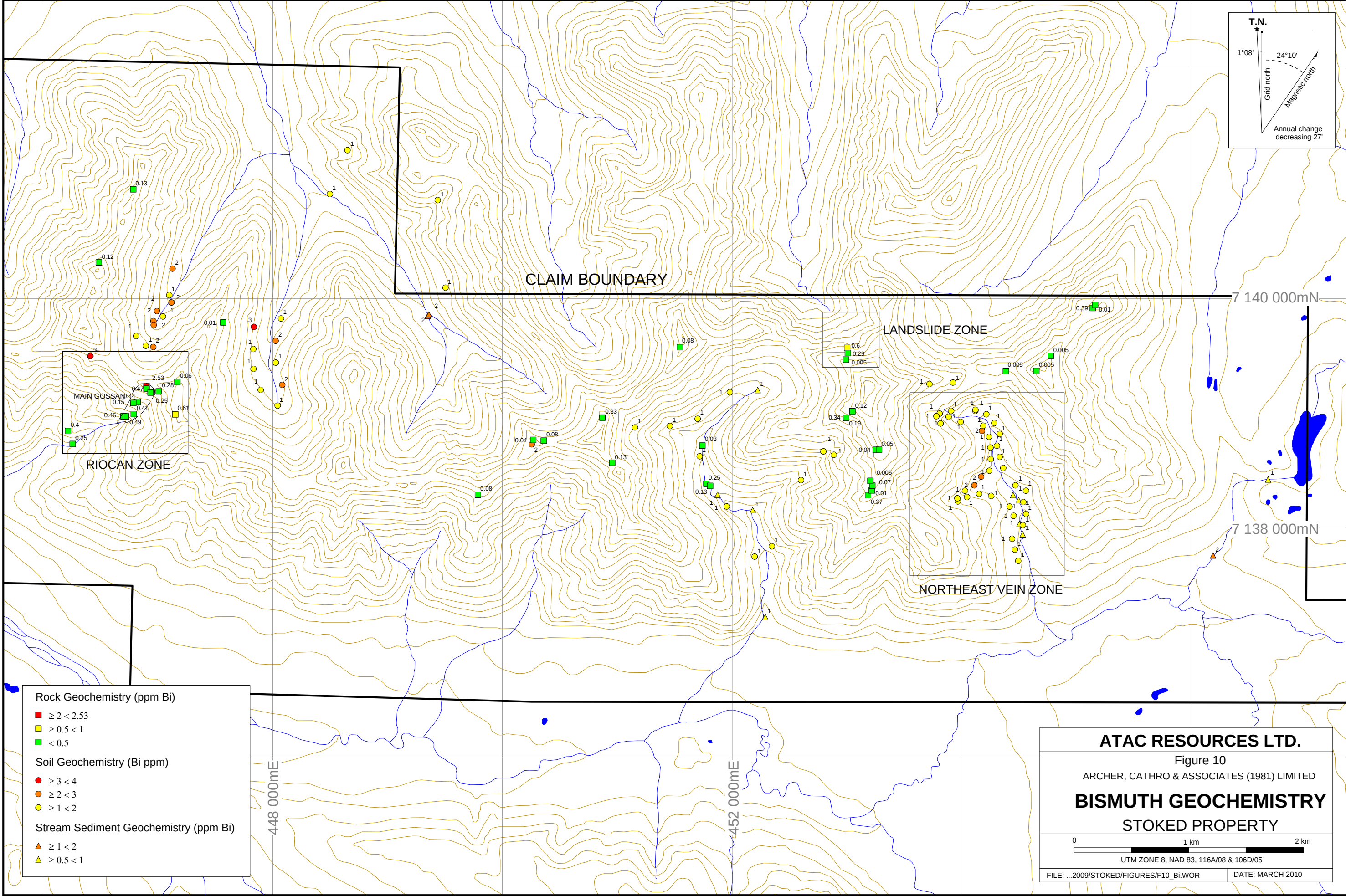


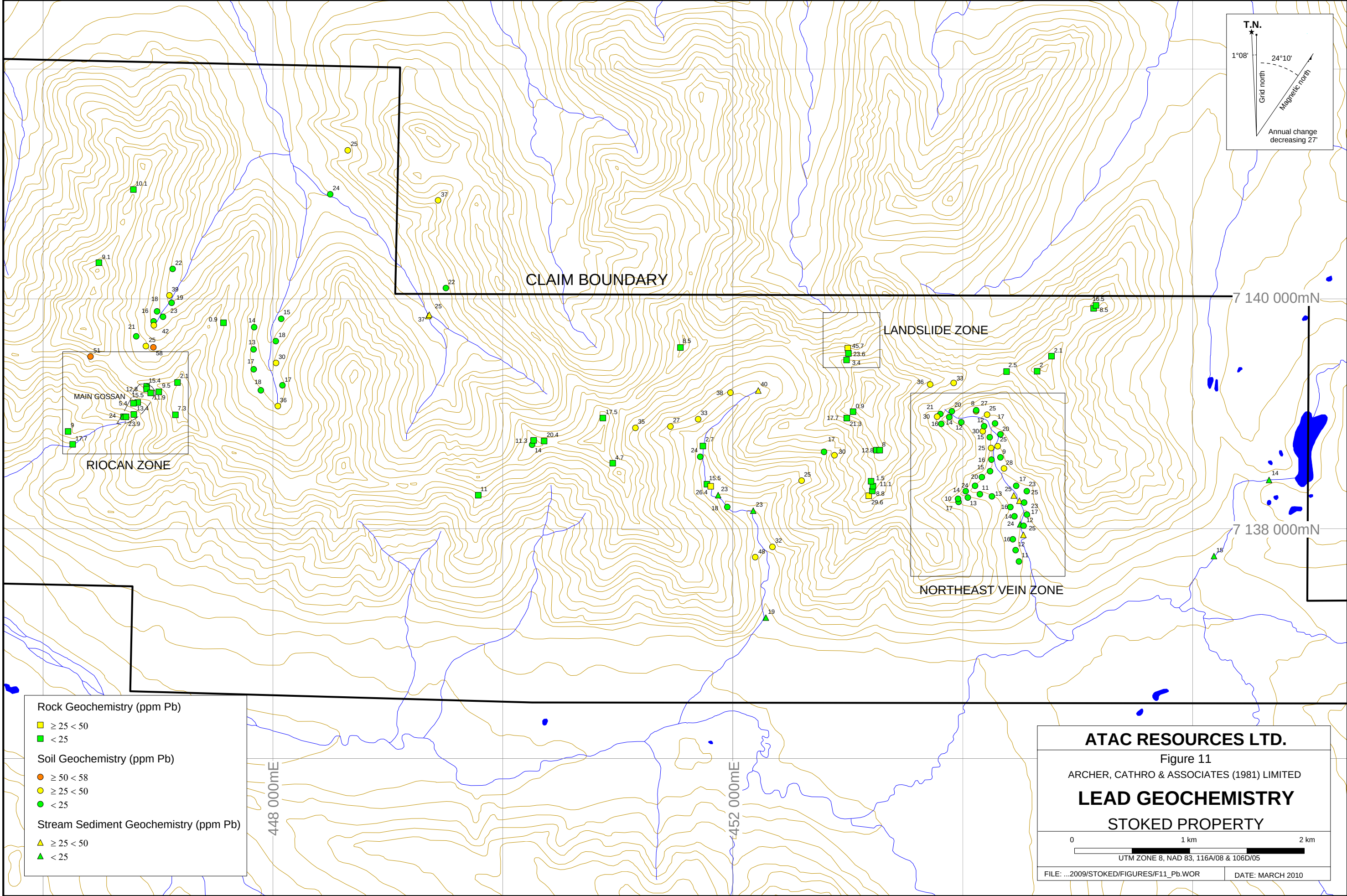


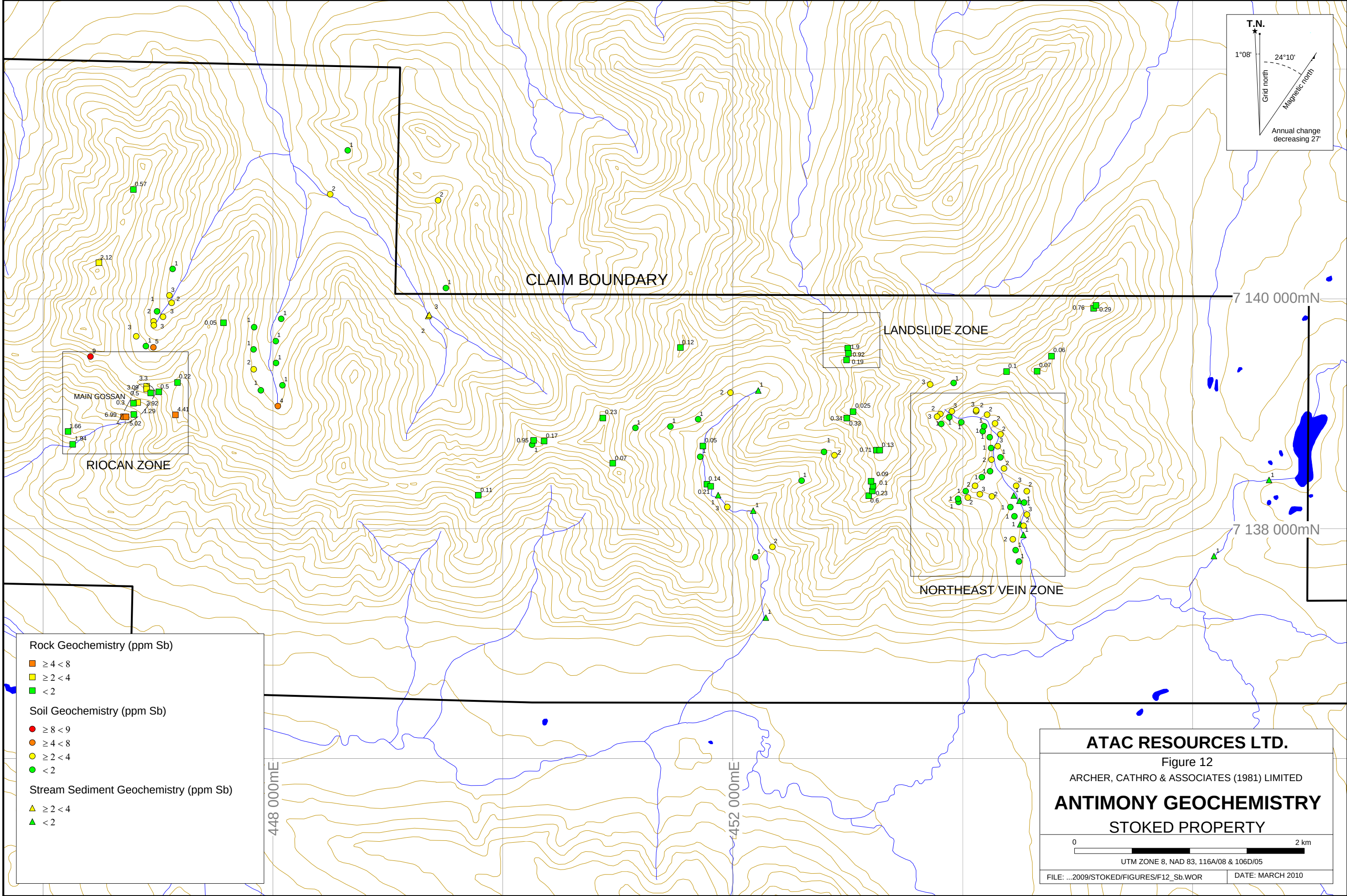


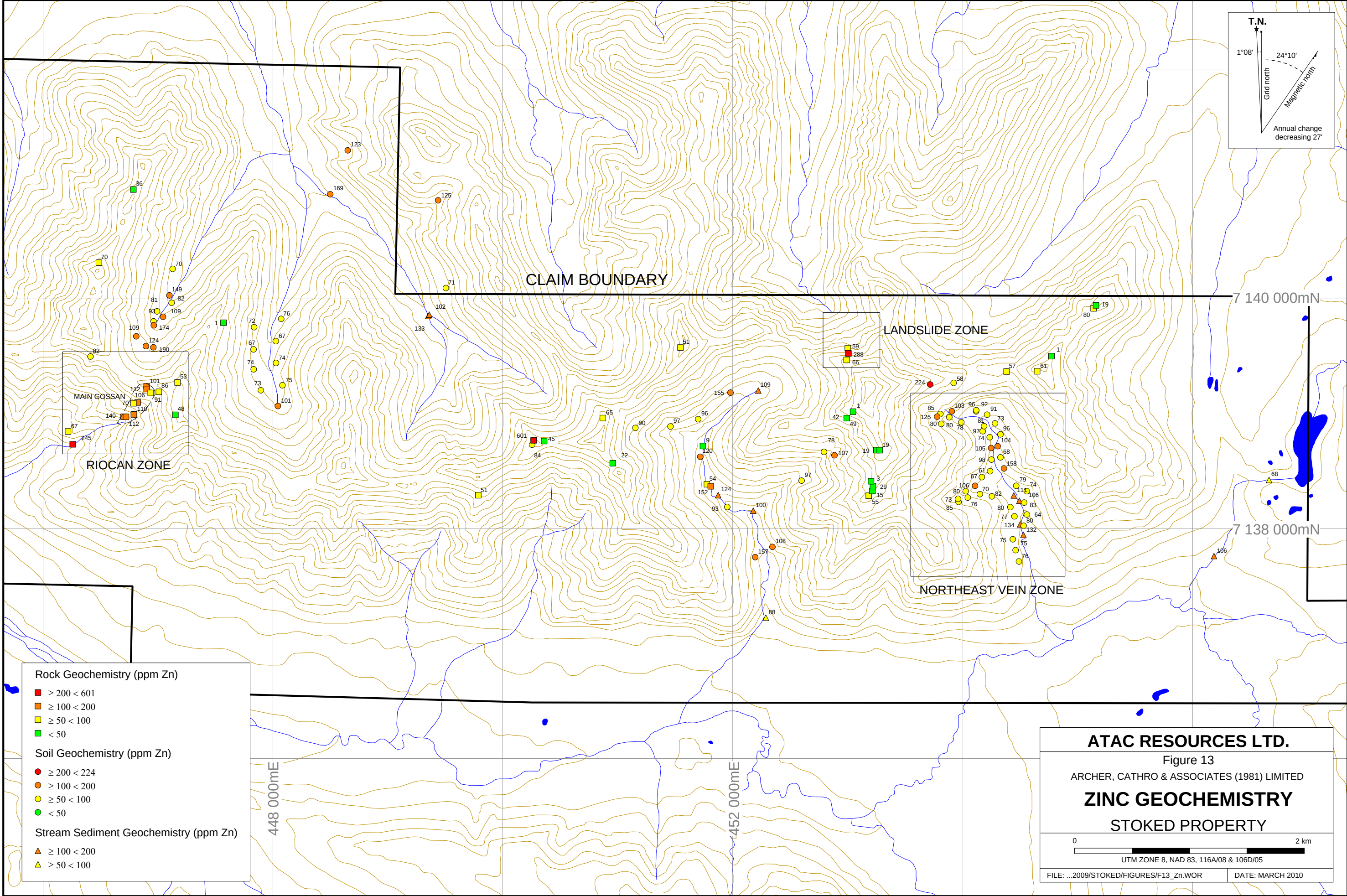












Stream sediment values for gold and the associated indicator elements were generally subdued rarely exceeding weakly anomalous thresholds.

Soil geochemical samples were collected at approximately 100 m and 200 m spacings on contour lines, or taken from specific points of interest. Sample locations were recorded using handheld GPS units and were marked with orange flagging labelled with the sample number. All soil samples were collected from holes dug with a mattock 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 comprised both residual soils mixed with glacial till. In total, 76 soil samples were taken (Figure 6). Table IV lists the soil geochemical threshold values and designations used in this report.

The samples were pre-screened using a Niton portable XRF and sent 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, screened to -180 microns, dissolved in aqua regia solution and then analyzed for 34 elements using the inductively coupled plasma with atomic emission spectroscopy technique (ME-ICP41). An additional 30 g charge was further analysed for gold by fire assay with inductively coupled plasma-mass spectroscopy finish (Au-ICP21). Certificates of Analysis appear in Appendix II.

Table IV - Soil Geochemical Thresholds and Distribution

Thresholds	Au (ppb)	As (ppm)	Ag (ppm)	Bi (ppm)	Pb (ppm)	Sb (ppm)	Zn (ppm)
Weakly anomalous	5	10	0.25	1	25	2	50
Moderately anomalous	10	20	0.5	2	50	4	100
Strongly Anomalous	20	40	1	3	100	8	200
Peak Value	30	51	0.4	3	58	9	224
Percentage of Samples	%	%	%	%	%	%	%
Below threshold	64	25	96	0	66	51	0
Weakly anomalous	25	60	4	82	32	45	71
Moderately anomalous	7	12	0	16	3	3	28
Strongly Anomalous	4	3	0	3	0	1	1

The strongest gold-in-soil response was from the historical Riocan area in the western part of the property referred to as the Riocan Zone. Individual samples returned up to 30 ppb gold among a background to 1 to 3 ppb. This value is also supported by coincident elevated arsenic (51 ppm) and bismuth (3 ppm).

Mineralization/Sampling: Numerous prominent black and red gossans were observed across the property and were the focus of exploration including the three main areas investigated; Riocan Zone, Landslide Zone, and Northeast Vein Zone. A total of 44 rock samples were collected within these areas and peripherally. Samples were flown by helicopter from the property to the staging area and 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, B.C. At the lab they were dried and fine crushed to 70% passing 2 mm. A 250 g split of the crushed material was then pulverized to better than 85% passing 75 microns. Separate splits of the pulverized fraction were analyzed for gold by fire assay and atomic absorption spectroscopy (Au-AA26) and for 48 other elements using a four acid near total digestion technique (ME-MS61).

Rock sample sites on the property were marked with orange or pink flagging labelled with the sample number. The location of each sample was determined using a handheld GPS unit. Sample locations can be found on Figure 6, and descriptions in Appendix III. Table V lists the rock geochemical threshold values and designations used in this report. Analytical certificates are contained in Appendix IV.

Table V - Rock Geochemical Thresholds and Distribution

Thresholds	Au (ppb)	As (ppm)	Ag (ppm)	Bi (ppm)	Pb (ppm)	Sb (ppm)	Zn (ppm)
Weakly anomalous	5	10	0.25	0.5	25	2	50
Moderately anomalous	10	20	0.5	1	50	4	100
Strongly Anomalous	20	40	1	2	100	8	200
Peak Value	40	47.9	2.33	2.53	45.7	6.99	601
Percentage of Samples	%	%	%	%	%	%	%
Below threshold	0	65	77	93	93	84	40
Weakly anomalous	70	21	2	5	7	9	37
Moderately anomalous	21	12	12	0	0	7	16
Strongly Anomalous	9	2	9	2	0	0	7

Two main types of mineralization were identified in the three zones (Riocan, Landslide, and Northeast Vein Zones) outlined on Figures 7 to 13. The most common type of mineralization comprises multi-coloured gouge associated with limonite, hematite, and/or manganese stained mudstone, minor chert, and shale. This style of mineralization is observed throughout the Riocan and Landslide Zones. The other types of mineralization consists of quartz and carbonate veins crosscutting limestone and sandstone in the northeast part of the claim block. The following sections describe the mineralization and results from the three main zones prospected.

The **Riocan Zone** is the most interesting area of the property and coincides with the historical Riocanex sampling reported in the 1980s. In the valley above the old Riocanex camp site, gossanous exposures are abundant and are interspersed between outcrops. Exposures consist of heavily fractured, rusty weathering, hematite and limonite stained mudstone.

The most gossanous areas occur in two locales. The first appears to be part of a transported rock glacier or debris flow, containing heavily pitted and rotted mudstone, sometimes with ferricrete cement and moderate to strong manganese and limonite staining. No visible sulphides were observed and samples from this area returned up to 7% Fe with only weakly elevated copper (195 ppm).

The second gossanous area is located 500 m up stream, where a distinct black gouge, bituminous material is sloughing down the hillside next to an area of red and yellow gouge. Samples of this material yielded 40 ppb Au and 2.33 ppm Ag.

An in situ vein showing located 200 m downslope from the top of the cirque consists of a 1 to 2 m wide zone of yellow stained quartz veins cutting across bedding in random orientations. The zone is intermittently exposed for approximately 50 m along strike but samples collected returned only background values for gold and other elements. Approximately 500 m upstream from the old Riocanex camp site a transported ferricrete breccia up to 3 m thick is exposed in the creek bed. Samples of this material returned low values for gold and common pathfinder elements.

The **Northeast Vein Zone** consists of several 1 to 2 m wide zones of quartz veining and associated wallrock brecciation hosted within sandstone and chert units. These zones are weakly rusty weathering and yellow stained but do not contain visible sulphide mineralization. Occasionally well-developed quartz crystals up to 3 cm long are observed filling cavities. Chip samples taken across the veins and the immediate hanging wall and footwall breccia material returned low values for most elements.

The **Landslide Zone** consists of a large volume of shale, sandstone and limestone blocks that appear to have failed along a bedding plane. Rusty orange-yellow-red- black-brown weathering gouge occurs at a limestone-shale contact near the top of the slide area. The zone ranges from 1 to 5 metres in thickness and extends at least 50 m along strike. No visible sulphides were observed but white sulphate coatings occur in some areas of the zone. Chip samples collected yielded weakly elevated arsenic values up to 47.9 ppm and low values for most other elements.

An area several metres in diameter containing numerous pieces of boxwork limonite and a small area of rusty soil was located near the Stoked/Ho claim boundary. A select sample of this material returned 43% Fe and elevated zinc (601 ppm). The surrounding area comprises abundant unaltered shaley limestone float. This occurrence is located near a large north trending fault.

DISCUSSION AND CONCLUSIONS

The Stoked property covers a number of prospective gold targets inferred from historical RGS sampling and work performed by Riocanex Inc. Anomalous RGS gold response of 110 ppb was reported from the lower portion of a drainage in the eastern part of the claims. This value was not reproduced from the 2009 sampling and may be attributed largely to the quality of samples collected during the late spring freshet. It should be noted that all 2009 sampling was conducted above the RGS site as plotted on the government maps. Depending upon the nature of mineralization associated with the anomaly, there may not be any response above this particular location if the sample was taken at or near the source.

Work by Riocanex in the western part of the property identified concentrated fracture zones in the vicinity of local fold hinges that reportedly returned up to 3.4 g/t Au across 3.0 m. This style

of mineralization was not recognized during 2009 and is likely much more subtle in appearance than anticipated.

A number of zones containing ferricrete and multi-coloured gouge were sampled from various locales on the property mostly developed within Earn Group sediments. This is not surprising as the Earn Group stratigraphy commonly contains appreciable iron and elevated base metals elsewhere in Yukon. All samples collected in 2009 returned low values for gold and typical gold pathfinder elements.

While the 2009 results were generally disappointing, additional work is warranted on a low priority basis to relocate and explain the historical gold occurrences. The greatest potential is likely associated with calcareous stratigraphy of the Hyland Group. As data becomes available for other gold targets ATAC is exploring along the belt, results should be applied to continued exploration on the Stoked property.

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

W.A.Wengzynowski, P.Eng.

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APPENDIX I
STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, William A. Wengzynowski, geological engineer, with business addresses in Vancouver, British Columbia and Whitehorse, Yukon Territory and residential address at 301 Fairway Drive, North Vancouver, British Columbia, V7G 1L4 do hereby certify that:

1. I am President of Archer, Cathro & Associates (1981) Limited.
2. I graduated from the University of British Columbia in 1993 with a B.A.Sc in Geological Engineering, Option I, mineral and fuel exploration.
3. I registered as a Professional Engineer in the Province of British Columbia on December 12, 1998 (Licence Number 24119).
4. From 1983 to present, I have been actively engaged in mineral exploration in the Yukon Territory, Northwest Territories, northern British Columbia and Mexico.
5. I have personally participated in and supervised the fieldwork reported herein.

William A. Wengzynowski, B.A.Sc., P. Eng.

APPENDIX II

CERTIFICATES OF ANALYSIS – SILT AND SOIL SAMPLES



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Finalized Date: 11-OCT-2009

Account: RCM

CERTIFICATE VA09107934

Project: STEN

P.O. No.:

This report is for 19 Soil samples submitted to our lab in Vancouver, BC, Canada on 29-SEP-2009.

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
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

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Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Total # Pages: 2 (A - C)

Finalized Date: 11-OCT-2009

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CERTIFICATE OF ANALYSIS VA09107934

Sample Description	Method Analyte Units LOR	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
		Recvd Vt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu
		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1
CC41061		0.34	0.004	<0.2	1.47	95	40	180	1.6	<2	0.25	<0.5	18	21	50
CC41062		0.34	0.003	<0.2	2.64	13	30	260	2.1	<2	0.14	<0.5	18	38	50
CC41063		0.26	0.005	<0.2	2.36	18	30	220	2.0	<2	0.55	<0.5	17	31	39
CC41064		0.30	0.004	<0.2	2.07	61	30	240	1.8	<2	1.26	<0.5	21	28	38
CC41065		0.20	0.002	<0.2	2.64	428	50	500	1.7	3	1.42	<0.5	33	39	44
CC41066		0.30	0.003	0.2	3.24	85	30	200	1.5	<2	1.78	<0.5	39	58	51
CC41067		0.30	0.003	<0.2	2.34	63	40	170	1.6	<2	1.27	<0.5	21	29	34
CC41068		0.22	0.003	<0.2	1.92	23	20	160	1.4	<2	1.07	<0.5	18	27	32
CC41069		0.28	0.003	<0.2	1.74	27	10	160	1.5	<2	0.90	<0.5	14	18	33
CC41070		0.40	0.012	<0.2	2.02	253	20	170	1.6	<2	1.27	<0.5	18	30	45
CC41071		0.28	0.043	<0.2	1.73	425	10	160	1.5	<2	1.24	<0.5	18	27	50
CC41072		0.20	0.150	0.2	1.88	267	20	210	1.2	<2	1.18	<0.5	15	25	73
CC41073		0.10	1.775	0.3	2.48	3850	30	310	1.4	<2	1.32	3.2	13	32	60
CC41074		0.26	0.080	<0.2	1.50	799	10	130	1.3	<2	1.63	<0.5	17	23	46
CC41075		0.28	0.019	<0.2	1.55	236	20	190	1.0	2	3.10	<0.5	14	21	53
CC41076		0.20	0.086	<0.2	2.00	944	20	170	1.4	<2	2.69	<0.5	15	27	43
CC41077		0.20	0.017	<0.2	1.57	123	10	200	1.4	<2	0.83	<0.5	15	20	36
CC41078		0.24	0.067	<0.2	1.82	952	20	160	1.2	<2	4.21	<0.5	14	23	39
CC41079		0.22	0.079	<0.2	1.91	981	20	150	1.2	<2	4.11	<0.5	14	23	41



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CERTIFICATE OF ANALYSIS VA09107934

Sample Description	Method Analyte Units LOR	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
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
CC41061		10	<1	0.64	<10	0.20	675	<1	<0.01	43	610	21	0.01	<2	8
CC41062		10	<1	0.77	40	0.61	348	2	0.08	34	1820	25	0.44	2	7
CC41063		10	1	0.69	20	0.44	437	1	0.06	36	1290	25	0.49	<2	8
CC41064		10	<1	0.52	30	0.45	699	1	0.04	48	1740	24	0.24	<2	7
CC41065		10	1	0.42	40	0.82	1105	1	0.02	62	2130	13	0.13	2	10
CC41066		10	1	0.25	40	1.97	1365	1	0.11	83	1850	10	0.07	<2	12
CC41067		10	<1	0.39	30	0.84	814	<1	0.03	40	1320	21	0.05	3	6
CC41068		10	<1	0.34	20	0.64	628	<1	0.01	40	1240	20	0.05	<2	6
CC41069		<10	<1	0.48	10	0.17	393	<1	0.02	31	970	26	0.05	2	7
CC41070		10	1	0.54	10	0.99	855	<1	0.02	43	650	22	0.01	2	8
CC41071		<10	<1	0.45	10	0.92	877	<1	0.02	47	670	23	0.01	<2	8
CC41072		10	1	0.45	10	0.68	549	<1	0.01	31	900	18	0.14	2	7
CC41073		10	1	0.64	10	0.65	899	<1	0.01	39	1340	23	0.10	4	7
CC41074		<10	1	0.43	10	1.02	810	<1	0.01	38	630	22	0.02	<2	7
CC41075		<10	1	0.53	10	1.91	697	<1	0.01	26	580	45	0.05	2	7
CC41076		10	1	0.61	10	1.46	821	<1	0.02	37	710	24	0.05	3	7
CC41077		<10	<1	0.55	10	0.52	732	<1	0.01	28	460	39	0.04	<2	6
CC41078		10	1	0.60	10	2.01	783	<1	0.02	29	630	28	0.06	2	6
CC41079		10	1	0.64	10	2.27	855	<1	0.01	32	620	31	0.05	2	7



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CERTIFICATE OF ANALYSIS VA09107934

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
CC41061		<20	<0.01	<10	<10	27	<10	122
CC41062		<20	0.01	<10	<10	60	<10	107
CC41063		<20	<0.01	<10	<10	44	<10	92
CC41064		<20	<0.01	<10	<10	52	<10	110
CC41065		<20	0.02	<10	<10	116	<10	130
CC41066		<20	0.25	<10	<10	156	<10	134
CC41067		<20	0.06	<10	<10	69	<10	120
CC41068		<20	0.03	<10	<10	55	<10	98
CC41069		<20	<0.01	<10	<10	24	<10	92
CC41070		<20	0.01	<10	<10	36	<10	114
CC41071		<20	0.02	<10	<10	36	<10	117
CC41072		<20	<0.01	<10	<10	44	<10	86
CC41073		<20	0.01	10	<10	49	<10	824
CC41074		<20	0.01	<10	<10	31	<10	106
CC41075		<20	<0.01	<10	<10	35	<10	97
CC41076		<20	0.01	<10	<10	35	<10	133
CC41077		<20	<0.01	<10	<10	26	<10	218
CC41078		<20	0.01	<10	<10	34	<10	198
CC41079		<20	0.01	<10	<10	36	<10	171



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Page: 1

Finalized Date: 28-JUL-2009

Account: RCM

CERTIFICATE VA09071604

Project: RAU TREND (RAE/HO)

P.O. No.:

This report is for 11 Soil samples submitted to our lab in Vancouver, BC, Canada on 13-JUL-2009.

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
EXTRA-01	Extra Sample received in Shipment
SCR-41	Screen to -180um and save both

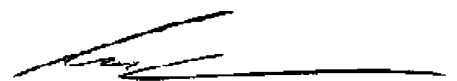
ANALYTICAL PROCEDURES

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

To: ATAC RESOURCES LTD.
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Signature:


Colin Ramshaw, Vancouver Laboratory Manager



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CERTIFICATE OF ANALYSIS VA09071604

Sample Description	Method Analyte Units LOR	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
		Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu
		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1
CC57001		0.68	0.010	<0.2	1.37	14	<10	100	0.8	<2	1.74	<0.5	15	42	48
CC57002		0.32	NSS	<0.2	1.52	17	<10	90	0.9	<2	2.40	<0.5	17	69	48
CC57003		0.54	NSS	<0.2	1.37	12	<10	90	0.8	<2	1.36	<0.5	16	141	51
CC57004		0.52	NSS	<0.2	1.59	13	<10	100	0.8	<2	0.92	<0.5	18	80	42
CC57029		0.36	0.008	0.3	1.19	9	<10	80	0.7	<2	2.55	<0.5	11	26	34
CC57031		0.26	0.003	<0.2	1.18	9	<10	90	0.7	<2	0.69	<0.5	10	20	28
CC57034		0.34	0.009	<0.2	1.28	11	<10	100	0.8	<2	2.22	<0.5	12	30	37
CC57035		0.38	0.006	<0.2	1.28	12	<10	100	0.8	<2	1.99	<0.5	11	31	36
CC57036		0.36	0.006	<0.2	1.95	14	<10	160	1.4	<2	0.60	<0.5	18	38	45
CC57051		0.24	0.008	<0.2	1.67	6	<10	40	<0.5	<2	0.13	<0.5	10	42	26
CC57052		0.24	0.016	0.4	1.69	41	<10	180	1.4	<2	0.04	1.3	55	26	120



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Account: RCM

CERTIFICATE OF ANALYSIS VA09071604

Sample Description	Method Analyte Units LOR	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
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
CC57001		<10	<1	0.07	10	0.55	983	2	0.01	48	1030	25	0.08	<2	4
CC57002		<10	<1	0.09	10	0.64	1060	4	0.01	70	940	24	0.07	<2	4
CC57003		<10	<1	0.08	10	0.56	996	6	0.01	104	1120	25	0.09	<2	4
CC57004		<10	<1	0.08	10	0.60	1255	7	0.01	73	660	25	0.03	<2	3
CC57029		<10	<1	0.07	10	0.41	549	1	0.01	33	850	23	0.05	<2	3
CC57031		<10	<1	0.05	10	0.39	309	<1	0.01	26	960	19	0.06	<2	3
CC57034		<10	<1	0.07	10	0.43	568	1	0.01	34	1060	23	0.06	<2	3
CC57035		<10	<1	0.07	10	0.43	552	1	0.01	34	1010	24	0.05	<2	3
CC57036		<10	<1	0.09	10	0.50	1135	1	0.01	40	1190	40	0.05	<2	4
CC57051		<10	<1	0.13	30	0.81	170	2	<0.01	39	520	33	0.08	<2	2
CC57052		<10	<1	0.05	10	0.83	6460	30	0.01	105	680	36	0.04	3	8



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Account: RCM

CERTIFICATE OF ANALYSIS VA09071604

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
CC57001		<20	0.02	<10	<10	26	<10	132
CC57002		<20	0.02	<10	<10	26	<10	134
CC57003		<20	0.02	<10	<10	27	<10	106
CC57004		<20	0.01	<10	<10	23	<10	111
CC57029		<20	0.01	<10	<10	19	<10	100
CC57031		<20	0.01	<10	<10	24	<10	88
CC57034		<20	0.02	<10	<10	24	<10	124
CC57035		<20	0.02	<10	<10	25	<10	120
CC57036		<20	0.01	<10	<10	31	<10	109
CC57051		<20	<0.01	<10	<10	11	<10	58
CC57052		<20	0.01	<10	<10	40	<10	224



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Project: RAU TREND (RAE/HO)

e: Appendix 1

Total # Appendix Pages: 1

Finalized Date: 28-JUL-2009

Account: RCM

CERTIFICATE OF ANALYSIS VA09071604

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non-sufficient sample.



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Page: 1

Finalized Date: 3-AUG-2009

Account: RCM

CERTIFICATE VA09071603

Project: RAU TREND (STOKED)

P.O. No.:

This report is for 27 Soil samples submitted to our lab in Vancouver, BC, Canada on 13-JUL-2009.

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-41	Screen to -180um and save both

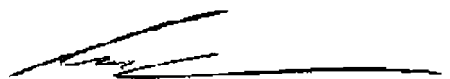
ANALYTICAL PROCEDURES

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

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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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Page: 2 - A

Total # Pages: 2 (A - C)

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Account: RCM

CERTIFICATE OF ANALYSIS VA09071603

Sample Description	Method Analyte Units LOR	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
		Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CC57041		0.10	0.030	0.2	0.74	51	<10	280	<0.5	3	0.15	<0.5	3	28	109	6.53
CC57042		0.12	0.002	<0.2	1.67	9	<10	110	0.9	<2	0.31	<0.5	11	27	22	3.06
CC57043		0.10	0.012	<0.2	1.27	31	<10	90	0.9	<2	0.49	<0.5	24	22	96	5.02
CC57044		0.08	0.010	<0.2	1.38	18	<10	50	0.9	<2	1.08	<0.5	17	26	58	3.65
CC57045		0.34	0.002	<0.2	1.47	9	<10	80	0.7	<2	0.74	<0.5	14	23	33	3.41
CC57046		0.08	0.009	<0.2	1.31	20	<10	150	0.6	<2	0.13	<0.5	17	25	74	3.71
CC57047		0.10	0.010	<0.2	1.80	16	<10	240	0.7	<2	0.11	<0.5	14	34	73	3.95
CC57048		0.10	0.020	<0.2	1.22	23	<10	240	0.7	2	0.07	<0.5	15	30	143	4.45
CC57049		0.08	0.003	<0.2	1.92	14	<10	110	0.8	2	0.10	<0.5	11	30	23	3.27
CC57050		0.08	0.008	<0.2	1.27	16	<10	250	0.6	<2	0.98	0.6	18	23	79	3.43
CC57077		0.18	0.009	<0.2	1.49	11	<10	120	1.0	2	0.98	<0.5	19	25	59	3.70
CC57078		0.10	0.007	<0.2	1.25	9	<10	60	0.7	2	4.91	<0.5	13	22	34	2.90
CC57079		0.08	0.004	<0.2	1.41	9	<10	130	0.6	<2	0.98	<0.5	8	24	22	2.41
CC57080		0.08	0.002	<0.2	1.41	8	<10	130	0.7	2	0.78	<0.5	8	23	20	2.80
CC57081		0.10	0.004	<0.2	1.39	12	<10	110	0.9	<2	0.64	<0.5	13	24	32	2.99
CC57082		0.08	0.005	<0.2	1.42	13	<10	120	0.8	2	1.92	<0.5	9	24	29	2.77
CC57083		0.06	0.005	<0.2	1.71	22	<10	110	0.6	<2	0.10	<0.5	12	32	61	3.81
CC57084		0.08	0.002	<0.2	1.48	10	<10	130	0.6	<2	0.08	<0.5	10	25	30	2.96
CC57085		0.08	0.004	<0.2	1.76	9	<10	230	0.8	<2	0.28	<0.5	9	27	29	2.87
CC57086		0.08	0.003	<0.2	1.26	8	<10	140	0.7	<2	1.38	<0.5	8	25	26	2.46
CC57087		0.10	0.005	<0.2	1.33	9	<10	110	0.7	3	1.39	<0.5	9	23	24	2.65
CC57101		0.12	0.005	<0.2	1.17	13	<10	80	<0.5	2	0.15	<0.5	12	22	30	2.77
CC57102		0.08	0.007	<0.2	1.31	14	<10	130	0.5	2	0.17	<0.5	8	24	43	2.82
CC57103		0.12	0.023	<0.2	1.31	21	<10	270	0.7	2	0.10	<0.5	15	31	127	4.24
CC57104		0.12	0.009	<0.2	1.24	19	<10	130	0.5	<2	0.13	<0.5	14	23	63	3.15
CC57105		0.10	0.005	<0.2	1.19	9	<10	110	0.6	2	0.75	<0.5	10	22	36	2.79
CC57106		0.16	0.010	<0.2	0.79	23	<10	80	<0.5	2	3.82	<0.5	3	11	28	12.50



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Page: 2 - B

Total # Pages: 2 (A - C)

Finalized Date: 3-AUG-2009

Account: RCM

CERTIFICATE OF ANALYSIS VA09071603

Sample Description	Method Analyte Units LOR	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
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
CC57041		<10	1	0.24	20	0.18	275	34	0.02	17	950	51	0.60	9	5
CC57042		<10	<1	0.06	10	0.42	518	1	<0.01	23	840	22	0.04	<2	3
CC57043		<10	<1	0.09	10	0.47	3480	6	0.01	42	660	37	0.15	2	4
CC57044		<10	1	0.06	10	0.69	1460	3	0.01	39	940	25	0.09	<2	3
CC57045		<10	<1	0.10	10	0.49	608	1	<0.01	30	800	24	0.05	2	3
CC57046		10	<1	0.11	20	0.37	2900	5	0.01	34	880	21	0.08	3	3
CC57047		10	<1	0.13	20	0.42	1025	3	0.01	30	980	25	0.12	<2	3
CC57048		10	<1	0.17	20	0.27	1040	7	0.01	39	800	58	0.17	5	4
CC57049		<10	<1	0.06	10	0.45	576	1	<0.01	17	630	22	0.03	<2	2
CC57050		<10	<1	0.12	20	0.38	3430	3	0.01	41	1130	39	0.05	3	4
CC57077		<10	1	0.12	10	0.49	1335	3	<0.01	38	1020	37	0.05	2	4
CC57078		<10	<1	0.08	10	0.47	591	1	0.01	30	1010	25	0.05	3	3
CC57079		<10	<1	0.06	10	0.41	362	1	0.01	21	960	15	0.07	<2	3
CC57080		<10	<1	0.07	10	0.39	394	<1	<0.01	20	820	18	0.05	<2	3
CC57081		<10	<1	0.08	10	0.42	521	1	0.01	26	750	30	0.05	<2	3
CC57082		<10	<1	0.06	20	0.36	560	1	0.01	22	1250	17	0.09	<2	2
CC57083		10	<1	0.13	20	0.38	1750	8	<0.01	26	930	36	0.10	4	2
CC57084		10	<1	0.08	10	0.31	818	2	<0.01	19	1160	18	0.08	<2	1
CC57085		<10	<1	0.10	10	0.34	592	2	<0.01	21	1450	17	0.06	2	3
CC57086		<10	<1	0.05	10	0.30	528	1	0.01	21	1070	13	0.09	<2	2
CC57087		<10	<1	0.06	20	0.35	363	<1	0.01	22	1100	14	0.08	<2	2
CC57101		<10	<1	0.07	10	0.34	1390	2	<0.01	19	1210	18	0.04	<2	1
CC57102		<10	<1	0.09	20	0.32	608	3	<0.01	19	1310	16	0.06	2	1
CC57103		<10	<1	0.17	20	0.30	1400	5	0.01	41	780	42	0.14	3	4
CC57104		<10	<1	0.09	20	0.31	1990	4	<0.01	26	1050	23	0.07	3	3
CC57105		<10	<1	0.09	10	0.41	652	1	0.01	26	940	19	0.03	2	3
CC57106		<10	1	0.11	<10	0.11	409	1	0.01	31	1190	14	0.24	<2	4



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Page: 2 - C

Total Pages: 2 (A - C)

Finalized Date: 3-AUG-2009

Account: RCM

CERTIFICATE OF ANALYSIS VA09071603

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
CC57041		<20	0.01	<10	<10	96	<10	82
CC57042		<20	0.02	<10	<10	40	<10	71
CC57043		<20	0.01	<10	<10	22	<10	125
CC57044		<20	0.01	<10	<10	27	<10	123
CC57045		<20	0.01	<10	<10	27	<10	169
CC57046		<20	0.04	<10	<10	43	<10	109
CC57047		<20	0.03	<10	<10	60	<10	124
CC57048		<20	0.02	<10	<10	55	<10	190
CC57049		<20	0.04	<10	<10	55	<10	70
CC57050		<20	0.04	<10	<10	44	<10	149
CC57077		<20	0.02	<10	<10	33	<10	133
CC57078		<20	0.01	<10	<10	19	<10	102
CC57079		<20	0.03	<10	<10	35	<10	76
CC57080		<20	0.02	<10	<10	32	<10	67
CC57081		<20	0.03	<10	<10	35	<10	74
CC57082		<20	0.02	<10	<10	36	<10	75
CC57083		<20	0.03	<10	<10	61	<10	101
CC57084		<20	0.02	<10	<10	45	<10	73
CC57085		<20	0.01	<10	<10	42	<10	74
CC57086		<20	0.02	<10	<10	32	<10	67
CC57087		<20	0.02	<10	<10	34	<10	72
CC57101		<20	0.03	<10	<10	39	<10	81
CC57102		<20	0.02	<10	<10	51	<10	93
CC57103		<20	0.02	<10	<10	53	<10	174
CC57104		<20	0.03	<10	<10	49	<10	109
CC57105		<20	0.03	<10	<10	33	<10	82
CC57106		<20	0.02	<10	<10	48	<10	84



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Page: 1
Finalized Date: 24-JUL-2009
Account: RCM

CERTIFICATE VA09068686

Project: RAE/HO (Trend)

P.O. No.:

This report is for 50 Soil samples submitted to our lab in Vancouver, BC, Canada on 6-JUL-2009.

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

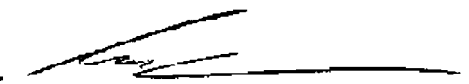
ANALYTICAL PROCEDURES

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

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Signature:


Colin Ramshaw, Vancouver Laboratory Manager



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Project: RAE/HO (Trend)

Page: 2 - A
Total # Pages: 3 (A - C)
Plus Appendix Pages
Finalized Date: 24-JUL-2009
Account: RCM

CERTIFICATE OF ANALYSIS VA09068686

Sample Description	Method Analyte Units LOR	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
		Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CC57006		0.24	0.007	<0.2	2.08	11	<10	270	0.7	<2	0.65	<0.5	7	30	21	3.15
CC57007		0.24	0.003	<0.2	1.98	13	<10	200	0.7	<2	0.26	<0.5	10	30	16	3.28
CC57008		0.40	0.004	<0.2	2.14	9	<10	170	0.9	<2	0.31	<0.5	13	32	32	3.98
CC57009		0.30	0.003	<0.2	1.93	17	<10	210	0.9	<2	0.44	<0.5	13	33	27	3.60
CC57010		0.22	0.001	<0.2	2.96	9	<10	330	0.8	<2	0.53	<0.5	11	37	23	3.90
CC57012		0.22	0.004	<0.2	1.91	14	<10	160	0.8	<2	6.88	0.8	8	30	25	2.59
CC57013		0.32	0.005	<0.2	2.16	11	<10	200	0.7	<2	0.38	<0.5	9	39	22	3.34
CC57014		0.26	0.005	<0.2	2.89	15	<10	240	1.4	<2	0.23	<0.5	18	55	49	4.60
CC57015		0.28	0.002	<0.2	2.33	8	<10	170	1.0	<2	0.62	<0.5	25	108	48	4.49
CC57016		0.30	0.002	<0.2	2.41	13	<10	200	0.9	<2	0.23	<0.5	12	39	28	3.87
CC57017		0.30	0.002	0.2	2.83	8	<10	130	1.7	<2	0.77	<0.5	14	48	41	4.31
CC57018		0.32	0.002	<0.2	3.12	12	<10	210	1.2	<2	0.20	<0.5	20	69	52	5.22
CC57019		0.36	0.001	<0.2	3.12	14	20	190	0.8	<2	0.96	<0.5	34	178	83	6.42
CC57020		0.30	0.001	<0.2	3.47	10	<10	300	1.1	<2	0.55	<0.5	29	113	38	5.97
CC57021		0.32	0.002	<0.2	2.87	11	<10	190	1.2	<2	0.59	<0.5	21	75	33	5.53
CC57022		0.44	0.003	<0.2	3.55	19	20	230	1.6	<2	1.17	0.5	26	68	67	5.61
CC57023		0.46	0.005	<0.2	1.98	11	<10	180	0.8	<2	0.36	<0.5	11	31	23	3.38
CC57024		0.34	0.005	<0.2	2.00	12	<10	190	0.9	<2	0.56	<0.5	10	30	26	3.34
CC57025		0.40	0.002	<0.2	2.49	21	10	210	1.1	<2	3.70	<0.5	23	31	42	3.89
CC57026		0.44	0.002	<0.2	1.94	5	<10	130	0.9	<2	8.86	<0.5	13	20	27	2.78
CC57028		0.36	0.002	<0.2	3.18	9	20	230	1.4	<2	1.24	<0.5	16	34	36	4.22
CC57030		0.24	0.003	<0.2	2.96	16	10	250	1.2	<2	1.30	<0.5	11	40	34	4.35
CC57032		0.36	0.002	<0.2	1.78	8	<10	200	0.9	<2	3.80	<0.5	12	21	29	3.21
CC57033		0.34	0.001	<0.2	1.92	9	<10	120	1.0	<2	1.21	<0.5	12	22	27	3.54
CC57037		0.34	0.002	<0.2	3.19	13	10	260	1.5	<2	1.02	<0.5	18	42	42	4.72
CC57038		0.18	0.002	<0.2	2.56	12	<10	210	1.1	<2	0.21	<0.5	13	34	26	4.66
CC57039		0.18	0.002	<0.2	2.23	13	10	180	1.1	<2	2.14	<0.5	14	27	34	4.00
CC57040		0.38	<0.001	<0.2	2.91	8	10	160	1.4	<2	0.45	<0.5	18	31	38	4.56
CC57053		0.10	0.004	<0.2	1.69	10	<10	190	0.6	<2	2.02	0.5	7	26	19	2.85
CC57054		0.18	0.004	<0.2	2.03	12	<10	220	0.8	<2	1.45	<0.5	8	29	21	3.17
CC57055		0.18	0.001	<0.2	2.52	14	<10	280	0.8	<2	0.30	<0.5	12	37	18	3.73
CC57057		0.20	0.004	<0.2	2.12	14	<10	220	0.8	<2	1.76	<0.5	8	31	24	3.21
CC57058		0.14	0.004	<0.2	2.14	14	<10	220	0.9	<2	1.27	<0.5	11	31	24	3.42
CC57060		0.14	0.004	<0.2	2.25	18	<10	240	0.8	<2	1.97	<0.5	10	37	24	3.66
CC57061		0.18	0.004	<0.2	1.99	10	<10	230	0.8	<2	0.80	<0.5	8	31	21	3.05
CC57062		0.22	0.004	<0.2	2.18	9	<10	240	0.9	<2	0.66	<0.5	9	32	24	3.23
CC57063		0.20	0.004	<0.2	2.38	16	<10	310	1.0	<2	0.49	<0.5	10	38	32	3.48
CC57064		0.14	0.001	0.2	1.81	13	<10	180	0.7	<2	1.70	<0.5	8	26	19	2.59
CC57065		0.12	NSS	<0.2	1.91	12	<10	170	0.9	<2	1.79	<0.5	7	25	26	2.83
CC57066		0.16	0.004	0.4	2.36	26	10	210	1.0	2	0.18	1.0	17	35	59	4.55



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Total # Pages: 3 (A - C)

Plus Appendix Pages

Finalized Date: 24-JUL-2009

Account: RCM

CERTIFICATE OF ANALYSIS VA09068686

Sample Description	Method Analyte Units LOR	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
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
CC57006		10	<1	0.20	20	0.44	363	<1	0.03	24	850	12	<0.01	2	4
CC57007		10	<1	0.18	20	0.37	883	<1	0.01	17	710	17	<0.01	3	2
CC57008		<10	<1	0.33	20	0.45	804	<1	0.02	28	810	23	<0.01	<2	3
CC57009		10	<1	0.23	30	0.45	601	<1	0.02	26	810	23	<0.01	2	3
CC57010		10	1	0.38	30	0.53	589	<1	0.01	25	760	17	<0.01	3	3
CC57012		<10	<1	0.21	10	0.34	706	<1	0.03	22	1990	28	0.14	2	1
CC57013		10	<1	0.20	20	0.53	551	<1	0.02	28	710	9	<0.01	<2	2
CC57014		10	<1	0.51	30	0.72	1690	1	0.04	55	760	25	0.03	3	5
CC57015		10	<1	0.25	30	1.20	1240	<1	0.01	116	790	20	<0.01	2	5
CC57016		10	<1	0.41	20	0.50	685	<1	0.04	30	520	17	<0.01	2	4
CC57017		10	<1	0.33	20	0.61	689	<1	0.04	37	1280	25	0.06	2	5
CC57018		10	<1	0.34	20	0.92	1090	1	0.02	51	720	27	<0.01	2	3
CC57019		10	1	0.15	20	2.18	967	<1	0.03	136	1000	8	0.03	3	6
CC57020		10	<1	0.35	20	1.54	1740	1	0.03	72	1250	20	0.06	3	4
CC57021		10	<1	0.31	30	0.88	1010	1	0.02	58	920	21	0.03	2	3
CC57022		10	<1	0.93	40	1.00	1820	4	0.05	70	690	30	0.03	3	7
CC57023		10	<1	0.15	20	0.48	561	<1	0.01	27	780	16	<0.01	<2	3
CC57024		10	<1	0.21	20	0.46	522	<1	0.02	28	920	14	<0.01	<2	4
CC57025		10	<1	0.64	20	0.32	1480	1	0.07	43	1340	30	0.04	2	7
CC57026		<10	<1	0.45	20	0.67	992	<1	0.02	26	1020	17	0.02	<2	4
CC57028		10	<1	0.84	20	0.50	1170	<1	0.06	32	750	25	<0.01	<2	6
CC57030		10	<1	0.56	20	0.50	662	<1	0.05	30	1070	32	0.02	2	7
CC57032		10	<1	0.43	20	0.41	685	<1	0.01	26	710	48	<0.01	<2	4
CC57033		10	<1	0.44	10	0.41	557	<1	0.01	27	580	18	<0.01	3	4
CC57037		10	<1	0.65	20	0.62	1090	<1	0.07	36	1040	38	0.02	2	6
CC57038		10	<1	0.39	20	0.43	1100	1	0.02	23	790	33	0.02	<2	2
CC57039		<10	<1	0.49	20	0.41	819	<1	0.04	29	990	27	0.02	<2	5
CC57040		10	<1	0.62	10	0.61	1190	<1	0.02	32	500	35	<0.01	<2	5
CC57053		10	<1	0.17	20	0.33	506	<1	0.03	19	1380	11	0.09	<2	2
CC57054		10	<1	0.18	20	0.45	559	<1	0.02	22	1190	12	0.05	<2	3
CC57055		10	<1	0.25	20	0.43	1210	1	0.03	20	970	16	0.01	2	4
CC57057		10	1	0.18	20	0.48	424	<1	0.03	24	1140	14	0.03	<2	4
CC57058		10	<1	0.19	20	0.43	715	<1	0.02	25	1180	16	0.05	<2	4
CC57060		10	<1	0.22	20	0.52	532	<1	0.04	26	960	13	0.05	2	4
CC57061		10	<1	0.19	20	0.44	372	<1	0.02	23	990	11	0.02	3	4
CC57062		10	<1	0.20	20	0.46	465	<1	0.03	23	1000	13	0.02	2	4
CC57063		10	<1	0.28	20	0.53	617	1	0.05	28	830	17	0.03	<2	5
CC57064		<10	<1	0.15	20	0.37	492	<1	0.03	20	1410	10	0.14	<2	2
CC57065		<10	<1	0.23	10	0.34	684	1	0.02	20	1950	14	0.16	<2	2
CC57066		10	<1	0.47	20	0.41	1895	8	0.04	34	870	24	0.05	2	3



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CERTIFICATE OF ANALYSIS VA09068686

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
CC57006		<20	0.05	<10	<10	51	<10	80
CC57007		<20	0.03	<10	<10	56	<10	64
CC57008		<20	0.06	<10	<10	52	<10	83
CC57009		<20	0.07	<10	<10	59	<10	74
CC57010		<20	0.02	<10	<10	66	<10	79
CC57012		<20	0.02	<10	<10	44	<10	158
CC57013		<20	0.05	<10	<10	57	<10	68
CC57014		<20	0.02	<10	<10	48	<10	104
CC57015		<20	0.03	<10	<10	45	<10	96
CC57016		<20	0.05	<10	<10	50	<10	73
CC57017		<20	0.01	<10	<10	45	<10	91
CC57018		<20	0.02	<10	<10	73	<10	92
CC57019		<20	0.21	<10	<10	106	<10	96
CC57020		<20	0.10	<10	<10	107	<10	103
CC57021		<20	0.13	<10	<10	95	<10	85
CC57022		<20	0.07	<10	<10	68	<10	125
CC57023		<20	0.05	<10	<10	57	<10	80
CC57024		<20	0.04	<10	<10	50	<10	80
CC57025		<20	0.02	<10	<10	41	<10	107
CC57026		<20	0.01	<10	<10	24	<10	78
CC57028		<20	0.02	<10	<10	45	<10	97
CC57030		<20	0.03	<10	<10	56	<10	108
CC57032		<20	0.02	<10	<10	31	<10	157
CC57033		<20	0.01	<10	<10	26	<10	93
CC57037		<20	0.03	<10	<10	52	<10	155
CC57038		<20	0.03	<10	<10	59	<10	96
CC57039		<20	0.02	<10	<10	38	<10	97
CC57040		<20	0.01	<10	<10	30	<10	90
CC57053		<20	0.03	<10	<10	45	<10	76
CC57054		<20	0.04	<10	<10	53	<10	75
CC57055		<20	0.04	<10	<10	67	<10	75
CC57057		<20	0.05	<10	<10	56	<10	77
CC57058		<20	0.04	<10	<10	56	<10	80
CC57060		<20	0.05	<10	<10	62	<10	82
CC57061		<20	0.04	<10	<10	53	<10	70
CC57062		<20	0.04	<10	<10	55	<10	76
CC57063		<20	0.04	<10	<10	58	<10	85
CC57064		<20	0.02	<10	<10	42	<10	73
CC57065		<20	0.02	<10	<10	36	<10	80
CC57066		<20	0.03	<10	<10	65	<10	106

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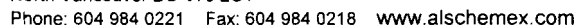
Plus Appendix Pages

Finalized Date: 24-JUL-2009

Account: RCM

CERTIFICATE OF ANALYSIS VA09068686

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



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CERTIFICATE OF ANALYSIS VA09068686

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non-sufficient sample.



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Finalized Date: 27-JUL-2009

Account: RCM

CERTIFICATE VA09068415

Project: RAU TREND

P.O. No.:

This report is for 1 Soil sample submitted to our lab in Vancouver, BC, Canada on 6-JUL-2009.

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

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

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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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Account: RCM

CERTIFICATE OF ANALYSIS VA09068415

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 LOR	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
CC44473		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
		0.50	0.018	<0.2	1.25	16	<10	80	<0.5	2	4.55	<0.5	29	38	56	8.58

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Account: RCM

CERTIFICATE OF ANALYSIS VA09068415

Sample Description	Method Analyte Units LOR	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
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC44473		<10	<1	0.56	10	1.97	646	1	0.02	146	830	11	0.79	2	4	72



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CERTIFICATE OF ANALYSIS VA09068415

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
CC44473		<20	0.04	<10	<10	19	<10	117



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Account: RCM

CERTIFICATE VA09064971

Project: RAU TREND

P.O. No.:

This report is for 56 Soil samples submitted to our lab in Vancouver, BC, Canada on 29-JUN-2009.

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

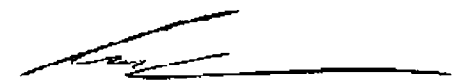
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
As-OG46	Ore Grade As - 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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CERTIFICATE OF ANALYSIS VA09064971

Sample Description	Method Analyte Units LOR	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
		Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu
		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1
CC43935		0.16	0.001	0.3	1.27	19	<10	280	1.1	<2	0.90	<0.5	11	21	38
CC43936		0.30	0.001	<0.2	0.99	19	<10	260	1.2	<2	0.29	<0.5	18	15	38
CC43937		0.18	0.001	<0.2	0.93	13	<10	260	1.2	<2	0.90	<0.5	9	13	25
CC43938		0.22	0.001	0.2	1.16	23	<10	330	0.9	<2	2.99	3.7	11	19	41
CC43939		0.16	0.001	0.2	1.08	40	<10	270	1.0	<2	2.44	1.5	11	16	29
CC43940		0.20	0.001	0.2	1.07	291	<10	220	0.9	<2	3.01	1.4	10	16	29
CC43941		0.16	0.001	<0.2	1.10	239	<10	230	0.9	<2	3.08	2.4	10	17	30
CC43942		0.18	0.002	0.2	1.16	405	10	180	0.8	<2	2.21	1.2	9	18	35
CC43943		0.20	0.001	0.3	1.11	239	<10	230	0.8	<2	2.59	2.4	10	17	27
CC43944		0.16	0.010	0.9	1.02	170	10	1300	0.9	<2	1.43	2.7	9	21	49
CC43945		0.22	0.005	0.6	0.72	74	<10	970	0.7	<2	1.12	1.9	8	15	50
CC43946		0.22	0.006	0.5	0.87	137	<10	1620	0.7	<2	1.54	2.1	9	18	40
CC43947		0.26	0.005	0.5	0.93	89	<10	1000	0.8	<2	1.71	1.9	9	18	47
CC43948		0.20	0.004	0.4	1.13	90	10	1050	0.8	<2	1.93	1.5	8	22	37
CC43949		0.20	0.004	0.5	1.12	94	10	1160	0.8	<2	1.86	1.8	7	22	39
CC43950		0.16	0.004	0.6	0.90	94	<10	750	0.7	<2	2.05	2.2	9	19	45
CC45078		0.24	0.004	0.6	0.78	748	<10	650	0.7	<2	1.80	2.0	7	17	45
CC45079		0.18	0.005	0.6	0.84	235	<10	770	0.7	<2	1.75	1.8	8	18	41
CC45080		0.16	0.001	0.2	0.86	20	<10	520	0.6	<2	1.29	1.0	7	18	23
CC54092		0.16	0.052	<0.2	1.06	352	<10	110	1.2	<2	2.47	<0.5	19	17	52
CC54093		0.16	<0.001	0.2	0.66	13	10	350	0.7	<2	5.53	<0.5	8	9	22
CC54094		0.26	<0.001	<0.2	1.33	11	<10	330	1.3	<2	1.87	<0.5	17	19	36
CC54095		0.26	0.029	<0.2	1.00	318	<10	180	1.1	<2	1.98	<0.5	19	17	53
CC54101		0.22	0.001	0.3	1.57	19	<10	220	1.2	<2	0.63	0.5	17	25	35
CC54102		0.44	0.001	<0.2	1.00	20	<10	130	1.2	<2	0.55	<0.5	18	16	38
CC54103		0.30	0.001	0.2	1.19	16	10	200	1.2	<2	0.56	<0.5	17	18	37
CC54104		0.32	0.001	0.2	1.30	17	10	220	1.2	<2	0.63	<0.5	16	20	37
CC54105		0.34	0.001	0.3	1.45	25	<10	360	1.0	<2	0.71	1.3	15	23	44
CC54106		0.58	0.001	<0.2	1.06	20	<10	230	1.1	<2	0.74	0.6	17	17	37
CC54107		0.32	0.003	0.7	0.84	17	<10	2040	0.7	<2	0.77	4.1	9	20	56
CC54108		0.18	0.003	0.8	1.02	18	<10	1770	0.9	<2	0.89	5.0	12	21	52
CC54109		0.20	0.012	<0.2	1.20	85	<10	1130	1.1	<2	2.54	<0.5	13	18	32
CC54110		0.16	0.004	0.2	1.96	120	10	500	1.1	<2	0.88	0.5	14	31	54
CC54111		0.22	0.005	<0.2	1.48	126	10	240	1.0	<2	1.10	1.8	12	22	31
CC54112		0.14	0.084	0.2	1.01	1185	10	130	1.0	<2	3.27	0.5	11	18	39
CC54113		0.12	0.009	0.2	1.58	1190	10	370	1.1	<2	1.56	0.5	12	22	68
CC54114		0.42	0.005	<0.2	1.37	1160	10	120	1.2	<2	0.57	<0.5	15	18	65
CC54115		0.14	0.021	0.2	0.93	847	10	230	0.7	<2	4.92	1.2	7	14	33
CC54116		0.30	0.011	0.2	1.21	84	20	230	1.1	<2	1.38	<0.5	17	19	89
CC54117		0.14	<0.001	0.8	0.27	>10000	<10	960	0.5	3	4.00	<0.5	11	1	4



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CERTIFICATE OF ANALYSIS VA09064971

Sample Description	Method Analyte Units LOR	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
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
		ppm 10	ppm 1	% 0.01	ppm 10	% 0.01	ppm 5	ppm 1	% 0.01	ppm 1	ppm 10	ppm 2	% 0.01	ppm 2	ppm 1
CC43935		<10	<1	0.22	10	0.33	342	1	0.01	24	650	26	0.10	<2	5
CC43936		<10	<1	0.16	10	0.22	827	<1	0.01	26	350	39	0.01	<2	5
CC43937		<10	<1	0.23	10	0.24	142	<1	0.01	17	460	25	0.09	<2	4
CC43938		<10	<1	0.20	10	1.08	421	3	0.01	51	1060	20	0.06	2	5
CC43939		<10	<1	0.20	10	1.25	613	1	0.01	29	710	31	0.08	<2	4
CC43940		<10	<1	0.18	10	1.69	643	1	0.01	26	730	33	0.07	2	4
CC43941		<10	<1	0.21	10	1.63	700	1	0.01	29	760	33	0.08	3	4
CC43942		<10	1	0.20	10	0.99	470	<1	0.01	21	710	22	0.12	<2	5
CC43943		<10	<1	0.20	10	1.31	652	2	0.01	28	770	26	0.08	<2	4
CC43944		<10	<1	0.24	10	0.56	435	4	0.02	48	970	31	0.09	3	4
CC43945		<10	<1	0.18	10	0.39	296	3	0.01	39	770	17	0.07	3	4
CC43946		<10	<1	0.23	10	0.61	459	3	0.02	43	880	19	0.08	2	3
CC43947		<10	<1	0.26	10	0.51	367	3	0.02	40	790	17	0.07	3	4
CC43948		<10	<1	0.31	10	0.68	339	3	0.02	37	860	17	0.06	3	4
CC43949		<10	<1	0.32	10	0.62	320	3	0.02	39	850	17	0.07	2	4
CC43950		<10	<1	0.20	10	0.69	358	2	0.02	42	830	17	0.07	2	4
CC45078		<10	<1	0.15	10	0.51	290	3	0.01	37	810	17	0.10	3	4
CC45079		<10	<1	0.18	10	0.57	422	3	0.02	40	830	17	0.08	3	4
CC45080		<10	<1	0.14	10	0.40	195	1	0.02	32	970	10	0.06	<2	3
CC54092		<10	<1	0.23	10	1.24	961	<1	0.01	37	640	20	0.10	2	7
CC54093		<10	<1	0.23	10	1.80	580	<1	0.01	15	420	34	0.10	<2	3
CC54094		<10	<1	0.25	10	1.24	973	<1	0.01	31	280	32	0.05	<2	5
CC54095		<10	<1	0.18	10	1.05	815	<1	0.01	37	590	21	0.07	2	7
CC54101		<10	<1	0.28	10	0.56	662	<1	0.02	34	780	24	0.09	<2	6
CC54102		<10	<1	0.23	10	0.37	806	<1	0.01	37	440	26	0.13	2	6
CC54103		<10	<1	0.28	10	0.42	765	<1	0.02	35	510	24	0.13	<2	6
CC54104		<10	<1	0.27	10	0.50	658	1	0.01	34	730	21	0.05	<2	5
CC54105		<10	<1	0.28	10	0.53	561	4	0.01	42	1140	20	0.05	3	5
CC54106		<10	<1	0.21	10	0.52	786	1	0.01	39	570	23	0.10	<2	6
CC54107		<10	<1	0.26	10	0.23	309	7	0.02	77	1650	11	0.14	3	4
CC54108		<10	<1	0.26	10	0.41	503	5	0.02	82	1230	16	0.12	3	5
CC54109		<10	<1	0.26	10	1.54	563	<1	0.02	25	440	39	0.08	<2	5
CC54110		10	<1	0.29	10	0.77	1005	1	0.02	30	660	16	0.09	<2	7
CC54111		<10	1	0.25	10	0.66	495	<1	0.02	24	610	76	0.09	2	5
CC54112		<10	1	0.29	10	1.60	509	<1	0.01	27	670	22	0.09	2	5
CC54113		<10	<1	0.20	10	0.74	351	1	0.02	27	1360	29	0.21	<2	4
CC54114		<10	<1	0.29	<10	0.68	298	<1	0.01	33	450	31	0.07	<2	6
CC54115		<10	42	0.21	10	3.03	868	<1	0.02	16	870	59	0.10	2	4
CC54116		<10	<1	0.25	10	0.73	532	1	0.01	31	810	19	0.15	<2	9
CC54117		<10	1	0.08	<10	0.49	3670	<1	0.02	7	480	<2	0.05	3	2



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CERTIFICATE OF ANALYSIS VA09064971

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	As-OG46
		Th	Ti	Ti	U	V	W	Zn	As
		ppm	%	ppm	ppm	ppm	ppm	ppm	%
		20	0.01	10	10	1	10	2	0.01
CC43935		<20	<0.01	<10	<10	24	<10	149	
CC43936		<20	<0.01	<10	<10	25	<10	122	
CC43937		<20	<0.01	<10	<10	17	<10	126	
CC43938		<20	<0.01	<10	<10	68	<10	356	
CC43939		<20	<0.01	<10	<10	35	<10	363	
CC43940		<20	<0.01	<10	<10	34	<10	481	
CC43941		<20	<0.01	<10	<10	39	<10	539	
CC43942		<20	<0.01	<10	<10	26	<10	160	
CC43943		<20	<0.01	<10	<10	42	<10	439	
CC43944		<20	<0.01	<10	<10	81	<10	335	
CC43945		<20	<0.01	<10	<10	62	<10	249	
CC43946		<20	<0.01	<10	<10	74	<10	309	
CC43947		<20	<0.01	<10	<10	74	<10	256	
CC43948		<20	0.01	<10	<10	83	<10	246	
CC43949		<20	0.01	<10	<10	81	<10	259	
CC43950		<20	0.01	<10	<10	67	<10	262	
CC45078		<20	<0.01	<10	<10	60	<10	229	
CC45079		<20	<0.01	<10	<10	65	<10	247	
CC45080		<20	0.01	<10	<10	67	<10	152	
CC54092		<20	<0.01	<10	<10	25	<10	118	
CC54093		<20	<0.01	<10	<10	11	<10	217	
CC54094		<20	0.01	<10	<10	18	<10	109	
CC54095		<20	<0.01	<10	<10	26	<10	116	
CC54101		<20	0.01	<10	<10	34	<10	143	
CC54102		<20	<0.01	<10	<10	18	<10	135	
CC54103		<20	<0.01	<10	<10	22	<10	143	
CC54104		<20	<0.01	<10	<10	25	<10	113	
CC54105		<20	0.01	<10	<10	69	<10	201	
CC54106		<20	<0.01	<10	<10	33	<10	165	
CC54107		<20	<0.01	<10	<10	115	<10	553	
CC54108		<20	<0.01	<10	<10	87	<10	546	
CC54109		<20	<0.01	<10	<10	21	<10	221	
CC54110		<20	0.01	<10	<10	45	<10	106	
CC54111		<20	0.01	<10	<10	30	<10	578	
CC54112		<20	<0.01	<10	<10	22	<10	166	
CC54113		<20	0.01	<10	<10	30	<10	181	
CC54114		<20	0.01	<10	<10	32	<10	76	
CC54115		<20	0.01	10	<10	22	<10	356	
CC54116		<20	<0.01	<10	<10	39	<10	83	
CC54117		<20	<0.01	<10	<10	6	<10	19	15.50



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CERTIFICATE OF ANALYSIS VA09064971

Sample Description	Method Analyte Units LOR	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
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CC54118		0.36	0.002	0.3	1.12	234	<10	850	1.1	<2	0.81	4.6	18	22	73	3.98
CC54119		0.22	0.004	0.2	2.08	626	10	510	1.1	<2	1.21	1.1	25	33	110	5.79
CC54120		0.28	0.007	0.2	1.11	158	<10	620	0.9	<2	2.14	2.2	14	19	49	3.52
CC54121		0.20	0.007	0.4	1.10	193	<10	1370	0.9	<2	1.99	2.3	13	19	49	3.40
CC54122		0.12	0.003	<0.2	1.91	38	<10	180	1.0	<2	0.79	<0.5	19	27	62	4.57
CC54240		0.34	0.002	0.2	1.11	19	<10	90	1.3	<2	2.23	<0.5	22	15	48	3.77
CC54241		0.16	0.010	0.2	2.05	39	10	150	1.7	<2	0.32	<0.5	31	28	69	5.83
CC54242		0.36	0.008	0.2	1.57	13	<10	70	1.2	<2	0.18	<0.5	22	31	71	5.37
CC54243		0.30	0.004	0.2	1.76	20	<10	90	1.8	<2	0.87	0.5	31	24	72	4.93
CC54244		0.18	0.003	<0.2	1.20	22	10	80	1.1	<2	0.55	<0.5	22	23	56	4.74
CC54245		0.24	0.008	0.5	1.98	20	10	130	1.4	<2	0.70	<0.5	16	32	59	4.05
CC54246		0.14	0.011	0.2	1.69	17	<10	100	1.7	<2	0.42	<0.5	27	23	64	4.76
CC54247		0.18	0.005	<0.2	1.50	20	<10	180	1.4	<2	0.69	<0.5	23	22	57	4.65
CC54248		0.24	0.004	<0.2	1.20	30	<10	100	1.0	<2	3.99	<0.5	17	17	44	3.97
CC54249		0.42	0.081	<0.2	0.89	577	<10	120	1.1	<2	1.41	<0.5	18	16	54	4.33
CC54250		0.30	0.004	0.2	0.53	292	<10	320	0.8	<2	4.82	<0.5	11	8	29	2.93



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CERTIFICATE OF ANALYSIS VA09064971

Sample Description	Method Analyte Units LOR	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
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC54118		<10	<1	0.20	10	0.49	802	4	0.02	87	1000	19	0.05	4	6	41
CC54119		10	<1	0.32	10	1.26	953	1	0.02	47	670	23	0.08	2	11	46
CC54120		<10	<1	0.23	10	1.06	724	3	0.02	52	840	22	0.08	<2	5	56
CC54121		<10	<1	0.23	10	1.09	621	2	0.02	51	880	21	0.09	3	5	55
CC54122		10	<1	0.30	10	0.81	516	<1	0.02	33	570	15	0.05	<2	7	42
CC54240		<10	<1	0.23	10	0.35	849	1	0.02	47	870	31	0.11	2	6	103
CC54241		10	<1	0.48	<10	0.61	1000	1	0.02	49	660	24	0.18	2	10	61
CC54242		<10	<1	0.19	<10	0.44	325	<1	0.01	43	190	17	0.01	<2	11	42
CC54243		<10	<1	0.23	<10	0.50	1005	<1	0.01	58	700	25	0.10	<2	9	65
CC54244		<10	<1	0.29	<10	0.42	566	<1	0.01	34	490	22	0.07	2	9	67
CC54245		10	<1	0.43	<10	0.50	580	<1	0.01	32	960	20	0.08	2	8	93
CC54246		<10	<1	0.32	10	0.46	924	1	0.02	49	730	27	0.07	<2	8	62
CC54247		<10	1	0.27	<10	0.60	768	<1	0.01	46	600	23	0.17	2	7	59
CC54248		<10	<1	0.25	10	2.40	841	<1	0.01	34	460	22	0.18	<2	6	73
CC54249		<10	<1	0.18	10	0.63	967	<1	0.01	37	690	17	0.04	2	7	50
CC54250		<10	1	0.24	10	2.12	559	<1	0.01	28	540	35	0.10	<2	4	95



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CERTIFICATE OF ANALYSIS VA09064971

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	As-OG46
		Th	Ti	Ti	U	V	W	Zn	As
		ppm	%	ppm	ppm	ppm	ppm	ppm	%
		20	0.01	10	10	1	10	2	0.01
CC54118		<20	0.01	<10	<10	87	<10	810	
CC54119		<20	0.01	<10	<10	76	<10	187	
CC54120		<20	<0.01	<10	<10	58	<10	369	
CC54121		<20	0.01	<10	<10	56	<10	362	
CC54122		<20	<0.01	<10	<10	40	<10	97	
CC54240		<20	<0.01	<10	<10	14	<10	194	
CC54241		<20	<0.01	<10	<10	39	<10	120	
CC54242		<20	0.01	<10	<10	41	<10	87	
CC54243		<20	<0.01	<10	<10	28	<10	174	
CC54244		<20	<0.01	<10	<10	33	<10	88	
CC54245		<20	<0.01	<10	<10	38	<10	77	
CC54246		<20	<0.01	<10	<10	29	<10	154	
CC54247		<20	<0.01	<10	<10	26	<10	139	
CC54248		<20	<0.01	<10	<10	23	<10	138	
CC54249		<20	<0.01	<10	<10	25	<10	98	
CC54250		<20	<0.01	<10	<10	11	<10	150	

APPENDIX III

ROCK SAMPLE DESCRIPTION

Rock Sample DescriptionsProject: Rau Trend

Property: _____

Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
C491701	UTM:	453015 E	UTM:	7139515 N	Sample Width: 1m	Abundance:
	Elevation:	m				

Comments: Samples C491701 to C491703 are continuous chips across an altered shale/limestone contact. This sample is a 1m chip across the hanging wall shale. Dark grey, crumbly and broken, weathering orange, brown, and red on fracture surfaces.

Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
C491702	UTM:	453015 E	UTM:	7139515 N	Sample Width: 3m	Abundance:
	Elevation:	m				

Comments: 3m chip through main altered zone at the contact. Gouge/extremely weathered material from contact. Sample includes chunks of both limestone and shale, mostly so altered rock type is indistinct. Weathered orange, brown and black. Some samples have an extremely soft, amorphous white weathering mineral associated, along with small calcite crystals.

Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
C491703	UTM:	453015 E	UTM:	7139515 N	Sample Width:	Abundance:
	Elevation:	m				

Comments: 1m chip sample through somewhat altered limestone footwall. Grey limestone, quite altered and broken, yellow and brown stained, with moderate (20%) calcite in small crystals, usually yellowish orange.

Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
C491704	UTM:	455141 E	UTM:	7139907 N	Sample Width:	Abundance:
	Elevation:	m				

Comments: Samples C491704 to C491706 are continuous chips across a shale/quartzite contact and associated quartz veining. This sample is a 1m chip sample through the shale, which is standard looking fissile grey shale, thinly bedded, with minor rusty fracture coating.

Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
C491705	UTM:	455141 E	UTM:	7139907 N	Sample Width: 50cm	Abundance:
	Elevation:	m				

Comments: 50cm chip sample across the heavily veined quartz sandstone (quartzite) at the shale contact. Roughly 50% brown to grey brown, variably sucrosic, coarse quartzite, cut at all angles by around 50% Quartz veining. Quartz veins have very well formed crystals, up to 3cm in length and very pure (clear). The only visible mineralization was one speck of galena as an inclusion in one of the crystals.

Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
C491706	UTM:	455141 E	UTM:	7139907 N	Sample Width: 1.5m	Abundance:
	Elevation:	m				

Comments: 30cm chip sample through maroon stained, recessive layer of limestone/chert in otherwise normal limestone sequence. In the sample, limestone ranges from massive crystalline to heavily fractured and calcite flooded. (and weathered) The maroon colour seems associated with staining of a 0.5cm thick grey/brown chert layer in the limestone.

Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
C491707	UTM:	451545 E	UTM:	7139575 N	Sample Width: 30cm	Abundance:
	Elevation:	m				

Comments: 30cm chip sample through maroon stained, recessive layer of limestone/chert in otherwise normal limestone sequence. In the sample, limestone ranges from massive crystalline to heavily fractured and calcite flooded. (and weathered) The maroon colour seems associated with staining of a 0.5cm thick grey/brown chert layer in the limestone.

Sample Number: Grid East: E Grid North: N Type: **Grab** Dimension:
C491708 UTM: 454382 E UTM: 7139366 N Sample Width: Abundance:
Elevation: m
Comments: 3m x 3m subcrop of crackle breccia, caused by quartz veining. Original rock unknown, possibly massive shale/mudstone?

Sample Number: Grid East: E Grid North: N Type: **Float** Dimension:
C491709 UTM: 454648 E UTM: 7139369 N Sample Width: Abundance:
Elevation: m
Comments: Float sample. Qz flooded/brecciated with minor yellow carbonate. Likely mudstone originally.

Sample Number: Grid East: E Grid North: N Type: **Chip** Dimension:
C491710 UTM: 454773 E UTM: 7139500 N Sample Width: 70cm Abundance:
Elevation: m
Comments: 70cm chip sample across calcite vein material, calcite white to tan brown in large crystals

Sample Number: Grid East: E Grid North: N Type: **Grab** Dimension:
C491711 UTM: 453047 E UTM: 7139017 N Sample Width: Abundance:
Elevation: m
Comments: Limestone turned to crackle breccia by calcite veining. Tan to grey stained calcite crystals flood dark grey limestone.

Sample Number: Grid East: E Grid North: N Type: **Float** Dimension:
C491712 UTM: 446217 E UTM: 7138845 N Sample Width: Abundance:
Elevation: m
Comments: From debris piles in rock glacier. Altered, rotted out pieces, moderate to heavy manganese/limonite staining. Ferricrete cementing angular pieces of shale. Float samples from 20m area

Sample Number: Grid East: E Grid North: N Type: **Grab** Dimension:
C491713 UTM: 446257 E UTM: 7138733 N Sample Width: Abundance:
Elevation: m
Comments: Ferricrete resedimented breccia from creek bottom. Outcrops in creekbed, over top of sedimentary rocks. Rusty purple and yellow stained with rotten matrix

Sample Number: Grid East: E Grid North: N Type: **Float** Dimension:
C491714 UTM: 446700 E UTM: 7138973 N Sample Width: Abundance:
Elevation: m
Comments: Recessive, red-stained shaly talus band, fine rock/soil sample

Sample Number: Grid East: E Grid North: N Type: **Float** Dimension:
C491715 UTM: 446721 E UTM: 7138972 N Sample Width: Abundance:
Elevation: m
Comments: Fine rock/soil sample of dark grey to black gougey material train in talus.

Sample Number: Grid East: E Grid North: N Type: **Grab** Dimension:
C491716 UTM: 446789 E UTM: 7138993 N Sample Width: Abundance:
Elevation: m
Comments: Massive grey mudstone with hematite and limonite staining on fractures.

Sample Number: Grid East: E Grid North: N Type: **Talus** Dimension:
C491717 UTM: 446823 E UTM: 7139097 N Sample Width: Abundance:
Elevation: m
Comments: Fine rock/soil sample of yellow gougey shale talus. May be related to nearby quartz vein/breccia zone

Sample Number: Grid East: E Grid North: N Type: **Chip** Dimension:
C491718 UTM: 446786 E UTM: 7139090 N Sample Width: Abundance:
Elevation: m
Comments: 1.5m chip sample across yellow (limonite?) stained quartz vein/breccia zone cutting through mudstone.

Sample Number: Grid East: E Grid North: N Type: **Grab** Dimension:
C491719 UTM: 446785 E UTM: 7140950 N Sample Width: Abundance:
Elevation: m
Comments: Grab samples of maroon weathering limestone and rusty, limonite stained shale from possible 3-4m wide shear zone in limestone

Sample Number: Grid East: E Grid North: N Type: **Grab** Dimension:
C491720 UTM: 446485 E UTM: 7140313 N Sample Width: Abundance:
Elevation: m
Comments: Representative sample of fractured, rusty limonite and manganese stained chert and cherty mudstone from base of sequence

Sample Number: Grid East: E Grid North: N Type: **Chip** Dimension:
C491721 UTM: 447569 E UTM: 7139791 N Sample Width: Abundance:
Elevation: m
Comments: 50cm chip across yellow tan calcite vein crosscutting limestone

Sample Number: Grid East: E Grid North: N Type: **Grab** Dimension:
C491722 UTM: 447169 E UTM: 7139271 N Sample Width: Abundance:
Elevation: m
Comments: from 5m subcrop of rubbly, quartz veined, manganese stained chert/mudstone.

Sample Number: Grid East: E Grid North: N Type: **Grab** Dimension:
C491723 UTM: 450870 E UTM: 7138962 N Sample Width: Abundance:
Elevation: m
Comments: 1m zone of very dark black, slightly altered/rusty shale in thick limestone sequence

Sample Number: Grid East: E Grid North: N Type: Float Dimension:
C491724 UTM: 450956 E UTM: 7138569 N Sample Width: Abundance:
 Elevation: m
Comments: Talus from rusty notch between limestone and shale units. Mostly orange/brown stained quartz

Sample Number: Grid East: E Grid North: N Type: Grab Dimension:
C491725 UTM: 450359 E UTM: 7138761 N Sample Width: Abundance:
 Elevation: m
Comments: Rusty, yellow stained quartz fracturing chert from possible fault zone.

Sample Number: Grid East: E Grid North: N Type: Grab Dimension:
C491726 UTM: 449786 E UTM: 7138290 N Sample Width: Abundance:
 Elevation: m
Comments: Shale and shaley limestone from rusty weathering recessive zone. Fresh surfaces are not rusty.

Sample Number: Grid East: E Grid North: N Type: Grab Dimension:
C491727 UTM: 450256 E UTM: 7138747 N Sample Width: Abundance:
 Elevation: m
Comments: Dark-coloured, rusted out iron boxwork float (Goethite?) from within zone of shaley limestone talus. Numerous small pieces found within a 10ft X 10ft area. Rusty soil at this location was also sampled (CC57106).

Sample Number: Grid East: E Grid North: N Type: Grab Dimension:
C491751 UTM: 453183 E UTM: 7138286 N Sample Width: Abundance:
 Elevation: m
Comments: Grey-green, rusty weathering shale. Composite grab from bedrock

Sample Number: Grid East: E Grid North: N Type: Grab Dimension:
C491752 UTM: 453223 E UTM: 7138370 N Sample Width: Abundance:
 Elevation: m
Comments: Limestone crackle breccia with some orange weathering carbonate fracture fillings. Sample from south wall of rusty chert unit (C491753)

Sample Number: Grid East: E Grid North: N Type: Grab Dimension:
C491753 UTM: 453223 E UTM: 7138370 N Sample Width: Abundance:
 Elevation: m
Comments: Dark grey, rusty weathering chert. Occasional limonite filled fractures.

Sample Number: Grid East: E Grid North: N Type: Grab Dimension:
C491754 UTM: 453223 E UTM: 7138370 N Sample Width: Abundance:
Elevation: m
Comments: Limestone crackle breccia with some orange weathering carbonate fracture fillings. Sample from north wall of rusty chert unit (C491753)

Sample Number: Grid East: E Grid North: N Type: Float Dimension:
C491755 UTM: 453249 E UTM: 7138682 N Sample Width: Abundance:
Elevation: m
Comments: Limestone crackle breccia with orange weathering carbonate filled fractures, very altered looking. Grab from 10m zone

Sample Number: Grid East: E Grid North: N Type: Grab Dimension:
C491756 UTM: 453279 E UTM: 7138682 N Sample Width: Abundance:
Elevation: m
Comments: Mid to dark grey, rusty weathering chert. 5m wide zone

Sample Number: Grid East: E Grid North: N Type: Grab Dimension:
C491757 UTM: 451808 E UTM: 7138368 N Sample Width: Abundance:
Elevation: m
Comments: Grey-green fissile shale, rusty weathering. Roughly 8m wide exposure in creek bank. Very deformed and faulted

Sample Number: Grid East: E Grid North: N Type: Grab Dimension:
C491758 UTM: 452992 E UTM: 7138961 N Sample Width: Abundance:
Elevation: m
Comments: Green fissile shale, rusty weathering. From large rusty outcrop near peak

Sample Number: Grid East: E Grid North: N Type: Grab Dimension:
C491759 UTM: 452992 E UTM: 7138961 N Sample Width: Abundance:
Elevation: m
Comments: grey rusty weathering chert from same area as above sample. Chert layer is around 2m thick.

Sample Number: Grid East: E Grid North: N Type: Grab Dimension:
C491760 UTM: 451775 E UTM: 7138386 N Sample Width: Abundance:
Elevation: m
Comments: green rusty weathering shale/limestone from 30m exposure along riverbank, very deformed and faulted.

Sample Number: Grid East: E Grid North: N Type: Grab Dimension:
C491761 UTM: 451740 E UTM: 7138718 N Sample Width: Abundance:
Elevation: m
Comments: grey rusty weathering chert. From 25m long exposure along riverbank.

Sample Number: Grid East: E Grid North: N Type: **Grab** Dimension:
C491762 UTM: 447151 E UTM: 7138990 N Sample Width: Abundance:
 Elevation: m
Comments: Rusty weathering black mudstone

Sample Number: Grid East: E Grid North: N Type: **Grab** Dimension:
C491763 UTM: 446900 E UTM: 7139238 N Sample Width: Abundance:
 Elevation: m
Comments: Strongly rusty weathering black mudstone

Sample Number: Grid East: E Grid North: N Type: **Float** Dimension:
C491764 UTM: 446900 E UTM: 7139214 N Sample Width: Abundance:
 Elevation: m
Comments: Fine bitumen talus from slope within main gossanous zone

Sample Number: Grid East: E Grid North: N Type: **Grab** Dimension:
C491765 UTM: 446936 E UTM: 7139180 N Sample Width: Abundance:
 Elevation: m
Comments: Ferricrete from fractures within strongly rusty weathering mudstone outcrop

Sample Number: Grid East: E Grid North: N Type: **Grab** Dimension:
C491766 UTM: 447007 E UTM: 7139190 N Sample Width: Abundance:
 Elevation: m
Comments: Strongly rusty weathering black mudstone

APPENDIX IV

CERTIFICATES OF ANALYSIS - ROCK SAMPLES



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VANCOUVER BC V6B 1L8

Page: 1

Finalized Date: 16-OCT-2009

Account: RCM

CERTIFICATE VA09107935

Project: STEN

P.O. No.:

This report is for 1 Rock sample submitted to our lab in Vancouver, BC, Canada on 29-SEP-2009.

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

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: STEN

Page: 2 - A

Total # pages: 2 (A - D)

Plus Appendix Pages

Finalized Date: 16-OCT-2009

Account: RCM

CERTIFICATE OF ANALYSIS VA09107935

Sample Description	Method Analyte Units LOR	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
		Recvd Wt	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
		0.02	0.01	0.01	0.01	5	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
CC41080		0.18	<0.01	0.05	0.71	15	150	0.21	0.16	27.5	0.19	7.00	2.1	8	5.58	10.2



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Project: STEN

Page: 2 - B

Total # Pages: 2 (A - D)

Plus Appendix Pages

Finalized Date: 16-OCT-2009

Account: RCM

CERTIFICATE OF ANALYSIS VA09107935

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
		%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		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
CC41080		0.40	1.71	<0.05	0.3	0.007	0.24	3.7	6.9	0.65	76	0.26	0.02	1.1	3.0
															100

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Page: 2 - C

Total # Pages: 2 (A - D)

Plus Appendix Pages

Finalized Date: 16-OCT-2009

Account: RCM

CERTIFICATE OF ANALYSIS VA09107935

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
		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
CC41080		2.1	12.4	<0.002	0.11	0.11	3.1	3	0.3	708	0.08	0.08	1.1	0.039	0.16	0.3



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Project: STEN

Page: 2 - D

Total # Pages: 2 (A - D)

Plus Appendix Pages

Finalized Date: 16-OCT-2009

Account: RCM

CERTIFICATE OF ANALYSIS VA09107935

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
CC41080		10	0.2	3.9	10	10.2



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Project: STEN

je: Appendix 1

Total # Appendix Pages: 1

Finalized Date: 16-OCT-2009

Account: RCM

CERTIFICATE OF ANALYSIS VA09107935

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



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Page: 1

Finalized Date: 4-AUG-2009

Account: RCM

CERTIFICATE VA09071606

Project: RAU TREND (STOKED)

P.O. No.:

This report is for 12 Rock samples submitted to our lab in Vancouver, BC, Canada on 13-JUL-2009.

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-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
CRU-QC	Crushing QC Test

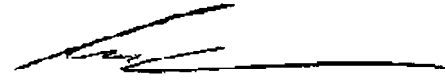
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	
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 TREND (STOKED)

Page: 2 - A

Total # Pages: 2 (A - D)

Plus Appendix Pages

Finalized Date: 4-AUG-2009

Account: RCM

CERTIFICATE OF ANALYSIS VA09071606

Sample Description	Method Analyte Units LOR	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
		Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
		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
C491762		1.44	0.01	0.94	1.43	18.7	620	0.93	0.61	0.03	0.03	11.85	2.7	61	1.43
C491763		1.56	0.01	1.19	5.01	35.5	2030	2.54	2.53	0.03	0.10	44.3	3.7	94	7.31
C491764		0.94	0.01	0.66	6.45	18.4	3030	3.00	0.47	0.01	0.08	50.1	3.1	113	8.66
C491765		1.00	0.01	0.13	5.79	23.3	1380	2.47	0.25	0.01	0.12	43.0	7.9	64	6.22
C491766		1.16	<0.01	0.07	6.18	3.6	1420	2.30	0.28	0.01	0.07	51.8	6.7	62	7.72
C491712		2.84	0.01	0.32	3.06	5.8	880	1.26	0.40	0.01	0.07	36.4	1.8	61	6.56
C491713		1.52	0.01	0.50	4.12	11.8	1220	1.72	0.25	0.08	0.60	41.0	7.8	69	6.62
C491714		0.72	0.04	2.33	5.96	34.6	1500	3.26	0.46	0.01	0.05	60.0	3.1	172	8.94
C491715		0.80	0.03	1.61	6.36	36.0	1810	3.40	0.49	0.03	0.20	62.4	7.5	156	10.85
C491716		1.06	<0.01	0.73	3.76	5.5	1420	1.78	0.41	0.05	0.11	36.0	5.1	64	5.47
C491717		0.66	0.01	1.27	6.01	7.1	1770	2.92	0.44	0.04	0.27	56.6	7.0	96	8.38
C491718		1.00	<0.01	0.05	3.57	1.5	930	1.19	0.15	0.07	0.13	27.6	7.2	38	3.69



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CERTIFICATE OF ANALYSIS VA09071606

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
		%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		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
C491762		3.69	7.90	0.06	0.8	0.021	0.49	7.8	43.1	0.15	86	0.53	0.07	2.6	14.3
C491763		4.09	22.4	0.10	2.6	0.064	1.96	22.3	36.3	0.77	83	1.85	0.43	9.6	23.0
C491764		4.40	26.4	0.14	2.8	0.073	2.78	26.9	42.7	0.87	104	4.57	0.72	11.9	31.0
C491765		5.88	18.15	0.11	2.1	0.061	2.14	21.1	45.9	0.75	109	0.80	0.27	9.2	26.6
C491766		3.88	21.3	0.10	2.5	0.062	2.52	25.5	41.2	0.89	116	0.37	0.45	11.3	24.7
C491712		7.02	10.95	0.15	1.6	0.044	1.21	17.0	30.7	0.35	51	0.37	0.06	5.6	24.8
C491713		11.15	15.80	0.16	1.9	0.046	1.68	20.7	28.7	0.46	183	1.96	0.33	7.7	59.7
C491714		4.60	24.8	0.19	2.9	0.070	2.32	35.7	34.9	0.68	62	8.23	0.96	11.9	68.9
C491715		4.84	26.0	0.17	3.0	0.077	2.45	35.3	41.3	0.73	215	6.39	0.73	12.0	51.8
C491716		3.37	14.20	0.10	2.1	0.046	1.42	16.6	45.8	0.68	128	0.21	0.25	6.9	37.7
C491717		4.38	23.4	0.14	2.7	0.072	2.33	27.5	78.1	0.92	214	1.38	0.43	10.9	35.4
C491718		2.22	10.85	0.13	1.5	0.039	1.35	12.9	30.3	0.67	213	0.19	0.35	5.8	31.4



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CERTIFICATE OF ANALYSIS VA09071606

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		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	0.1
C491762		7.3	29.0	<0.002	0.08	4.41	5.2	5	0.6	51.8	0.17	0.11	2.2	0.088	0.31
C491763		15.4	107.0	0.006	0.09	3.30	14.4	5	2.2	40.2	0.69	0.11	8.4	0.288	0.56
C491764		12.8	136.0	0.007	0.88	3.09	17.2	7	2.7	134.0	0.82	0.09	10.4	0.350	0.90
C491765		11.9	108.0	<0.002	0.35	0.50	13.3	4	2.1	64.2	0.61	0.13	8.1	0.288	0.51
C491766		9.5	131.5	<0.002	0.15	0.50	14.4	2	2.4	49.2	0.78	0.06	9.3	0.341	0.61
C491712		9.0	74.9	0.004	0.03	1.66	9.4	4	1.1	16.2	0.40	0.12	5.8	0.159	0.33
C491713		17.7	86.3	<0.002	0.05	1.94	10.4	4	1.7	57.3	0.53	0.11	7.0	0.240	0.50
C491714		24.0	122.5	0.014	0.68	6.99	16.4	14	2.5	87.7	0.80	0.25	10.4	0.351	0.85
C491715		23.9	134.0	0.007	0.43	5.02	17.1	13	2.7	137.5	0.85	0.23	11.1	0.356	0.90
C491716		13.4	87.4	<0.002	0.02	1.29	10.9	5	1.5	43.8	0.47	0.17	6.1	0.191	0.35
C491717		15.5	122.0	0.004	0.05	2.92	16.4	5	2.5	102.0	0.78	0.16	10.1	0.319	0.59
C491718		5.4	70.5	<0.002	0.01	0.30	8.2	2	1.1	33.0	0.38	<0.05	4.6	0.194	0.28



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CERTIFICATE OF ANALYSIS VA09071606

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		V	W	Y	Zn	Zr
		ppm 1	ppm 0.1	ppm 0.1	ppm 2	ppm 0.5
C491762		101	0.6	6.7	48	33.5
C491763		165	1.3	13.3	101	92.8
C491764		160	1.5	19.3	112	103.5
C491765		92	1.7	10.5	91	73.2
C491766		95	2.0	12.6	86	85.9
C491712		106	0.7	10.2	67	63.2
C491713		122	1.2	12.7	245	67.7
C491714		406	1.6	28.4	140	117.5
C491715		322	1.7	26.8	112	113.5
C491716		104	0.9	11.4	110	77.6
C491717		185	1.4	16.0	106	97.4
C491718		54	1.0	9.4	70	47.8



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CERTIFICATE OF ANALYSIS VA09071606

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.



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CERTIFICATE VA09071605

Project: RAU TREND (STOKED)

P.O. No.:

This report is for 9 Rock samples submitted to our lab in Vancouver, BC, Canada on 13-JUL-2009.

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-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

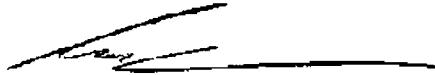
ANALYTICAL PROCEDURES

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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Signature:


Colin Ramshaw, Vancouver Laboratory Manager



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CERTIFICATE OF ANALYSIS VA09071605

Sample Description	Method Analyte Units LOR	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
		Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
		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
C491719		0.78	<0.01	0.12	3.36	5	120	0.93	0.13	18.80	0.05	41.1	4.4	29	6.05	24.5
C491720		1.14	0.03	0.76	1.38	5.6	710	0.68	0.12	0.22	0.50	12.00	2.0	60	2.04	153.5
C491721		0.74	<0.01	0.01	0.12	<5	20	<0.05	0.01	33.8	0.02	4.08	1.7	4	0.12	2.4
C491722		1.22	<0.01	0.03	0.62	2.1	120	0.20	0.06	0.11	0.15	5.46	4.6	24	0.40	22.5
C491723		0.90	<0.01	<0.01	5.84	3.2	290	1.62	0.33	3.06	0.03	63.1	13.7	43	5.43	24.9
C491724		0.84	<0.01	<0.01	1.17	12	40	0.29	0.13	10.30	0.03	11.65	3.5	14	0.56	11.0
C491725		0.94	<0.01	0.02	0.66	7.8	60	0.27	0.08	0.14	0.07	6.29	1.3	22	0.62	8.7
C491726		0.76	<0.01	0.02	2.77	<5	190	0.78	0.08	22.9	0.06	52.2	6.7	22	2.11	9.6
C491727		0.62	<0.01	0.23	1.03	16.5	60	0.37	0.04	5.17	0.37	11.15	4.2	13	0.82	59.5



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CERTIFICATE OF ANALYSIS VA09071605

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
		%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		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
C491719		1.55	8.66	0.13	1.1	0.025	1.12	39.1	55.4	0.38	125	0.30	0.15	4.5	23.0
C491720		1.56	4.93	0.11	0.8	0.014	0.70	8.7	13.8	0.18	81	4.37	0.22	2.7	28.6
C491721		0.56	0.41	0.06	<0.1	<0.005	0.03	2.0	6.3	0.16	266	0.07	0.01	0.2	1.2
C491722		1.39	2.04	0.07	0.2	0.008	0.20	2.1	12.9	0.05	671	0.32	0.01	0.7	15.3
C491723		2.63	16.45	0.13	1.9	0.042	2.09	35.4	50.8	0.71	123	0.16	0.48	9.0	27.9
C491724		2.25	2.58	0.09	0.4	0.022	0.24	5.7	96.7	0.08	976	0.23	0.21	1.6	8.5
C491725		1.00	1.73	0.06	0.2	0.013	0.21	2.2	41.8	0.04	46	0.18	0.05	0.6	10.0
C491726		4.10	7.60	0.15	1.1	0.026	0.68	25.7	55.6	0.50	956	0.21	0.08	4.9	14.0
C491727		43.1	3.38	0.67	0.4	0.014	0.22	5.3	8.7	0.16	514	1.29	0.03	1.1	23.9



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CERTIFICATE OF ANALYSIS VA09071605

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		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	0.1
C491719		10.1	44.4	<0.002	0.03	0.57	8.1	2	0.8	363	0.35	0.05	7.8	0.122	3.1
C491720		9.1	26.9	0.019	0.22	2.12	4.1	6	0.4	103.5	0.17	0.15	2.1	0.065	3.9
C491721		0.9	1.7	<0.002	<0.01	0.05	0.6	3	<0.2	2770	<0.05	0.05	0.4	<0.005	0.2
C491722		2.1	10.2	<0.002	0.01	0.22	2.0	2	0.2	14.0	<0.05	<0.05	0.5	0.020	0.6
C491723		17.5	91.3	<0.002	0.01	0.23	12.2	2	1.6	145.5	0.71	0.16	12.5	0.239	1.7
C491724		4.7	13.1	<0.002	<0.01	0.07	4.8	2	0.3	228	0.11	0.05	2.2	0.047	1.4
C491725		20.4	10.8	<0.002	0.09	0.17	1.6	2	0.2	68.1	0.05	<0.05	1.8	0.019	0.7
C491726		11.0	34.0	<0.002	0.01	0.11	9.7	3	0.7	936	0.33	<0.05	5.5	0.133	8.2
C491727		11.3	10.4	<0.002	0.17	0.95	3.2	3	0.3	261	0.07	0.42	1.9	0.027	5.8



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CERTIFICATE OF ANALYSIS VA09071605

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		V	W	Y	Zn	Zr
		ppm	ppm	ppm	ppm	ppm
		1	0.1	0.1	2	0.5
C491719		28	0.6	12.3	36	30.3
C491720		196	0.4	14.3	70	34.5
C491721		2	<0.1	2.6	<2	1.3
C491722		14	0.2	2.9	53	7.0
C491723		46	1.0	9.6	65	55.4
C491724		12	0.2	12.4	22	12.6
C491725		22	0.1	1.9	45	6.6
C491726		35	0.6	26.0	51	39.7
C491727		53	0.2	6.4	601	13.0



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CERTIFICATE OF ANALYSIS VA09071605

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



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CERTIFICATE VA09068687

Project: RAE/HO (Trend)

P.O. No.:

This report is for 22 Rock samples submitted to our lab in Vancouver, BC, Canada on 6-JUL-2009.

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-21	Sample logging - ClientBarCode
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	

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Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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CERTIFICATE OF ANALYSIS VA09068687

Sample Description	Method Analyte Units LOR	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
		Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
		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
C491701		1.18	0.02	0.24	8.5	47.9	590	2.67	0.6	0.14	0.03	113.5	4	77	9.09
C491702		2.36	<0.01	0.05	8.28	11.7	560	3.07	0.29	3.59	0.38	72.4	56.5	57	6.02
C491703		1.04	<0.01	0.02	0.78	<5	40	0.33	<0.01	34.2	0.27	10.4	15.1	4	0.25
C491704		1.00	<0.01	0.01	8.72	15.7	1070	2.72	0.39	0.24	0.11	101	12.3	68	8.53
C491705		1.16	0.01	0.04	0.84	2.8	50	0.11	0.01	0.19	0.06	14.5	1	16	0.33
C491706		1.42	<0.01	0.03	0.79	4.6	120	0.19	0.02	0.63	0.06	14.05	1.3	12	0.42
C491707		1.14	<0.01	0.07	2.05	<5	120	0.44	0.08	11.15	0.06	35.9	2.6	21	2.14
C491708		1.18	<0.01	0.01	3.58	20.6	20	0.66	<0.01	5.9	0.04	12.95	46.1	428	1.07
C491709		2.08	<0.01	0.03	2.56	12.7	20	0.31	<0.01	5.22	0.07	11.15	47.6	338	0.35
C491710		1.20	<0.01	0.01	0.13	<5	40	<0.05	<0.01	32.5	0.02	26	1	5	0.13
C491711		1.58	<0.01	0.01	0.1	<5	20	0.06	0.12	35.8	<0.02	4.19	1	3	0.07
C491751		0.86	<0.01	0.01	6.21	4.2	380	2.13	0.37	0.19	0.04	81.1	14.1	45	5.35
C491752		0.96	<0.01	0.02	0.15	9	30	0.06	<0.01	35.4	0.04	2.95	0.9	4	0.09
C491753		1.56	0.01	0.02	1.5	9.4	90	0.39	0.07	4.61	<0.02	25	12.5	17	1.09
C491754		0.90	<0.01	0.01	0.39	5	40	0.24	0.01	29.9	0.02	10.05	2.8	3	0.24
C491755		1.14	<0.01	0.14	3.04	7	30	0.12	0.04	16.65	0.04	12.4	2.9	11	0.26
C491756		1.10	<0.01	0.01	1.34	1.5	90	0.31	0.05	0.27	<0.02	16.8	4.8	32	0.95
C491757		1.04	<0.01	0.03	4.86	9	310	1.27	0.13	19.05	0.18	63.1	7.6	43	3.55
C491758		0.84	<0.01	<0.01	4.6	7.5	330	1.32	0.19	0.09	0.02	54.3	7.8	37	3.19
C491759		0.88	<0.01	0.02	3.34	9.9	270	1.07	0.34	0.07	0.03	38.5	9.4	27	2.76
C491760		1.12	<0.01	0.06	4.36	13	310	1.05	0.25	20.8	0.05	51.1	6.4	33	2.93
C491761		0.90	<0.01	0.01	0.77	1.8	80	0.17	0.03	0.21	<0.02	8.17	3.1	25	0.64



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CERTIFICATE OF ANALYSIS VA09068687

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
		%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		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
C491701		4	26.8	0.23	2.7	0.082	3.16	54.4	30.3	0.54	272	5.14	0.51	14.4	12.7
C491702		5.96	20.6	0.23	2.2	0.07	1.98	38.6	107.5	0.7	5070	2.43	1.03	11.1	168
C491703		0.73	1.24	0.06	0.2	0.01	0.09	6.5	13.9	0.21	2610	0.63	0.18	0.8	23.2
C491704		3.28	26.5	0.21	3.2	0.088	3.92	48.1	67.8	0.77	462	0.57	0.14	14.4	31.7
C491705		0.79	1.7	0.05	0.3	0.008	0.09	6.6	72.7	0.02	325	0.35	0.21	0.7	3.7
C491706		0.52	1.62	0.06	0.6	0.008	0.15	6.8	15.1	0.03	1785	0.43	0.13	0.9	4.3
C491707		0.99	6.06	0.09	0.6	0.019	0.7	19.5	17.7	0.2	49	0.3	0.12	3.1	12.1
C491708		5.85	10.65	0.16	0.5	0.032	0.02	6.3	152.5	5.45	3800	0.48	0.22	4.7	450
C491709		5.01	10.3	0.14	0.3	0.034	0.02	5.2	45.9	5.39	1250	0.28	<0.01	2.7	522
C491710		0.56	0.55	0.06	0.2	0.005	0.03	14.1	9.4	0.13	2180	<0.05	0.01	0.4	5.7
C491711		0.47	0.32	<0.05	<0.1	0.008	0.02	2.2	1.8	0.08	626	0.05	0.01	0.2	5.1
C491751		3.32	19.7	0.16	1.9	0.057	2.3	39.8	43.8	0.7	141	0.51	0.56	11.2	30.2
C491752		0.09	0.44	0.05	0.1	<0.005	0.04	1.6	0.8	0.14	55	0.07	0.02	0.3	5.2
C491753		2.77	4.4	0.08	0.5	0.016	0.48	9.1	19.5	0.31	3230	0.53	0.13	2.4	21.1
C491754		0.66	0.89	<0.05	0.1	0.005	0.08	5.8	3.3	0.14	1055	0.14	0.1	0.7	5.1
C491755		0.66	3.27	0.07	0.3	0.013	0.09	5.2	1.5	0.11	388	0.2	2.24	1.1	10.4
C491756		1.6	4.12	0.06	0.4	0.011	0.31	7	21.6	0.14	105	0.15	0.19	1.8	11.7
C491757		3.29	14.05	0.15	1.6	0.041	1.55	34.1	38.4	0.51	2080	0.13	0.26	9	18.2
C491758		2.35	14.05	0.11	1.7	0.041	1.53	26.9	35.5	0.67	107	0.31	0.58	9.4	18
C491759		1.79	9.96	0.09	1.4	0.034	1.21	18.5	22.5	0.49	212	0.28	0.38	5.6	13.5
C491760		2.85	11.75	0.13	1.7	0.041	1.38	28.3	23.8	0.37	1575	0.17	0.32	7	13.3
C491761		0.59	2.03	<0.05	0.2	0.007	0.2	3.1	15.7	0.05	114	0.51	0.13	0.8	4.5



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CERTIFICATE OF ANALYSIS VA09068687

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		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
C491701		45.7	175.5	0.009	0.31	1.9	21.9	6	3.1	97.4	1.11	0.24	18.2	0.419	1.15
C491702		23.6	105.5	0.002	1.4	0.92	18.4	3	2	202	0.83	0.09	15.5	0.283	0.6
C491703		3.4	5.1	0.004	0.78	0.19	2	3	<0.2	1190	0.05	<0.05	1.1	0.017	0.04
C491704		16.5	194.5	0.002	0.02	0.76	20.2	2	2.9	35.5	1.14	0.11	18.4	0.41	0.99
C491705		8.5	5.1	<0.002	0.01	0.29	1.1	2	0.2	15.5	0.05	<0.05	1.8	0.022	0.04
C491706		4.4	8.3	<0.002	0.01	0.87	1.5	2	0.2	32.3	0.06	<0.05	2.2	0.024	0.05
C491707		8.5	33.3	<0.002	0.02	0.12	4.2	2	0.6	529	0.23	<0.05	5	0.076	0.29
C491708		2.5	1.2	<0.002	0.01	0.1	11.4	1	0.5	881	0.27	<0.05	0.8	0.263	<0.02
C491709		2	1	<0.002	0.01	0.07	11.9	1	0.3	666	0.14	<0.05	0.6	0.164	<0.02
C491710		2.1	1.3	<0.002	0.01	0.06	1.6	3	<0.2	2980	<0.05	<0.05	1.7	0.008	<0.02
C491711		0.9	1	<0.002	<0.01	<0.05	1.9	2	<0.2	1050	<0.05	<0.05	0.2	<0.005	<0.02
C491751		29.6	126.5	<0.002	0.03	0.6	15.2	2	2.2	85.2	0.86	0.06	14.2	0.284	0.53
C491752		1.5	2.3	<0.002	0.01	0.09	0.8	3	<0.2	2250	<0.05	<0.05	0.4	0.005	<0.02
C491753		11.1	27.6	<0.002	0.01	0.1	5.2	2	0.5	115.5	0.16	<0.05	3.5	0.066	0.14
C491754		8.8	4.6	<0.002	0.01	0.23	2.1	2	<0.2	1465	<0.05	<0.05	1	0.013	0.03
C491755		12.8	5.5	<0.002	0.01	0.71	4.3	2	0.2	1280	0.07	<0.05	2.9	0.02	0.04
C491756		8	18.7	<0.002	0.02	0.13	4.2	1	0.4	51.6	0.13	<0.05	3	0.051	0.1
C491757		26.4	82.8	<0.002	0.02	0.21	12.6	2	1.4	1235	0.6	0.09	10.4	0.233	0.32
C491758		21.3	80.7	<0.002	0.04	0.33	10.1	2	1.5	49	0.71	<0.05	11	0.242	0.36
C491759		17.7	66.1	<0.002	0.02	0.34	8.7	2	1.2	26.4	0.47	0.08	7.4	0.166	0.29
C491760		15.5	73.8	<0.002	<0.01	0.14	9.4	2	1.2	1125	0.56	0.08	8.6	0.206	0.3
C491761		2.7	10.7	<0.002	0.05	0.05	3.4	2	0.3	45.8	0.07	<0.05	1.5	0.026	0.06



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CERTIFICATE OF ANALYSIS VA09068687

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		V	W	Y	Zn	Zr
		ppm 1	ppm 0.1	ppm 0.1	ppm 2	ppm 0.5
C491701		113	2.6	20.6	59	95.5
C491702		62	1.5	27.3	288	71.7
C491703		5	0.2	11.1	66	5.9
C491704		114	1.7	19.7	80	109.5
C491705		7	0.2	1.7	19	9.4
C491706		6	0.2	5.6	22	18.3
C491707		17	0.3	15.7	51	18.2
C491708		68	0.3	8.1	57	18.7
C491709		59	0.2	8	61	12.7
C491710		1	0.1	13.5	<2	8.2
C491711		1	0.1	4.7	<2	2.3
C491751		55	1.4	11.3	55	62.8
C491752		6	0.1	1.7	3	3.6
C491753		21	0.4	5.1	29	17.1
C491754		2	0.1	7.4	15	8.2
C491755		6	0.2	10.2	19	12.8
C491756		13	0.3	2.8	19	15
C491757		73	1.1	21	152	65.2
C491758		39	1.1	8.9	49	58
C491759		34	0.9	6.6	42	44.4
C491760		61	1	18.3	54	56.7
C491761		6	0.2	1.9	9	8.2



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CERTIFICATE OF ANALYSIS VA09068687

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



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CERTIFICATE VA09068416

Project: RAU TREND

P.O. No.:

This report is for 5 Rock samples submitted to our lab in Vancouver, BC, Canada on 6-JUL-2009.

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-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

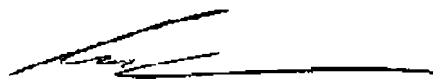
ANALYTICAL PROCEDURES

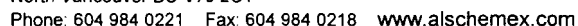
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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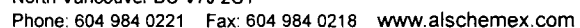
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Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.