

**A GEOLOGICAL REPORT**

**ON THE**

**ROX  
PROPERTY**

**OMINECA MINING DIVISION, BRITISH COLUMBIA**

**NTS 093E/10W, 11E, 14E, 15W**

**54° 46' 39" N  
126° 51' 39" W**

PREPARED FOR

**LOWPROFILE VENTURES LTD**

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## 1. SUMMARY

A modest bedrock mapping program was conducted during six days in July and August, 2008, over limited areas of the Rox property. The Rox property is located 70 km south-southwest of Houston and is accessible by a series of well-maintained gravel roads. The property consists of 25 contiguous mineral tenures that cover more than 10 000 ha of land on NTS map sheets 93E/10, 11E, 14E and 15 in an area known as the Mosquito Hills, north of Tahta Reach. The program was carried out under the direction of Bob Lane (PGeo) of Allnorth Consultants Limited. The purpose was to map the bedrock and determine areas for follow-up exploration.

Bedrock on the property consists primarily of fossiliferous marine sedimentary rocks, including lithic sandstones, feldspathic sandstones, greywackes and conglomerates, of the Middle Jurassic Smithers Formation. Regionally significant granitic intrusions of the late Cretaceous-Tertiary Bulkley intrusive suite cut the stratified rocks. Lavas and related rocks of the upper Cretaceous – Tertiary Ootsa Lake Group and Tertiary Endako Group locally mask the distribution of the older rocks.

Limited recent exploration in the central and southern parts of the property has identified interesting showings that may relate to a broad hydrothermal system. The 2009 program covered areas of the property selected by Lowprofile Ventures that required more detailed mapping; the showings themselves were not re-examined.

Given the short duration of the program, additional bedrock mapping and soil geochemical sampling is recommended to better characterize and guide potential future work prior to any more advanced stage exploration activities.

## 2. INTRODUCTION AND TERMS OF REFERENCE

Lowprofile Ventures Ltd (Lowprofile) contracted Allnorth Consultants Limited to conduct a property-scale bedrock mapping program over selected areas of the Rox property.

It is understood that this report may be required for material disclosure. Prior to the field visit the author acquired and reviewed the historical information including published and unpublished reports and personal files summarizing previous exploration work on the property.

This report is supplemented by published and available studies that document bedrock mapping and geological fieldwork conducted by the Geological Survey Branch of the provincial British Columbia Ministry of Energy, Mines & Petroleum Resources.

## 3. PROPERTY DESCRIPTION AND LOCATION

### 3.1 Accessibility and Infrastructure

The Rox property is located in the Omineca Mining Division, 114 kilometres south of Smithers and 70 kilometres south-southwest of Houston, in west-central British Columbia. The property is accessible via a series of well-maintained gravel roads, one of which is the main access road to the operating Huckleberry mine, located 23 km to the west of the property.

Directions to the Rox property are as follows: from Houston travel west on Highway 16 for approximately 4.5 km and turn left onto the Morice River Forest Service Road (FSR); travel south on the Morice River FSR to the 56 km marker and turn right onto the Nadina Main FSR and travel to the 89 km marker; turn left onto the Tahtsa Reach FSR--the north boundary of the Rox property crosses the Tahtsa Reach FSR at approximately the 90 km marker.

Smithers and Houston are each situated along Highway 16 and each community has a district population in excess of 10,000. Most services and supplies are available in these resource-based communities.



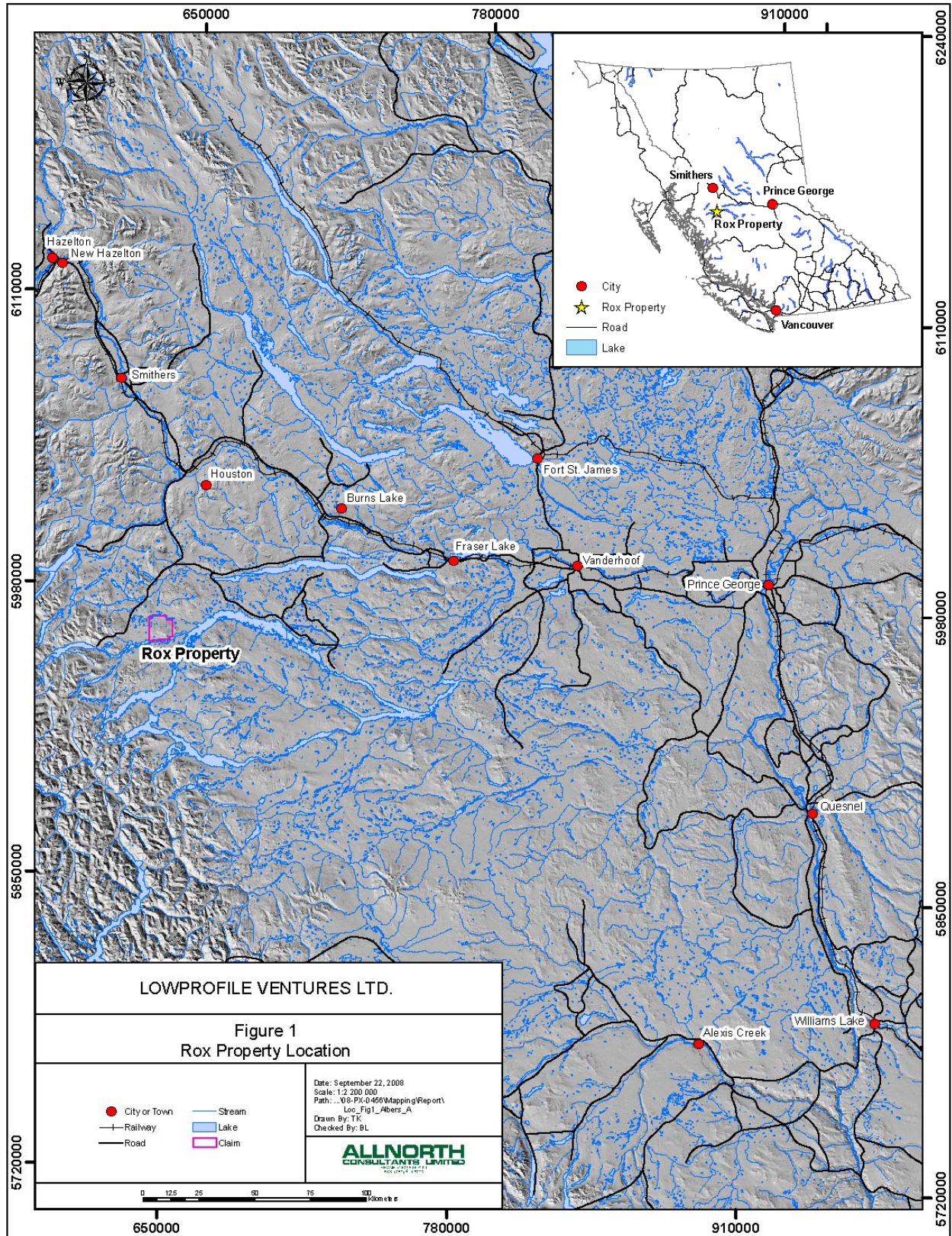


Figure 1: Rox Property Location.

### 3.2 Mineral Tenure Information

The Rox property is comprised of 25 contiguous mineral tenures. The claims cover 10,624.363 hectares of land on NTS map sheets 93E/10, 11E, 14E and 15. The centre of the claim block is located at latitude 54°46'39"N and longitude 126°51'39"W (NAD 83). All the individual claims are 100%-owned by Lowprofile Ventures Ltd and their anniversary dates are listed in Table 1.

Table 1: List of Mineral Tenures and Status (as of September 10, 2008)

Tenure Number	Tenure Type	Claim Name	Owner	Map Number	Good To Date	Status	Area
505999	Mineral		216293 (100%)	093E	2010/oct/27	GOOD	802.68
506000	Mineral	Rox 2	216293 (100%)	093E	2010/oct/27	GOOD	401.341
506001	Mineral	Rox 3	216293 (100%)	093E	2010/oct/27	GOOD	344.162
543427	Mineral	ROX 4	216293 (100%)	093E	2008/oct/18	GOOD	477.73
543428	Mineral	ROX 5	216293 (100%)	093E	2008/oct/17	GOOD	382.357
543430	Mineral	ROX 6	216293 (100%)	093E	2008/oct/17	GOOD	459.006
543431	Mineral	ROX 7	216293 (100%)	093E	2008/oct/17	GOOD	459.01
549201	Mineral	ROX 8	216293 (100%)	093E	2009/jun/01	GOOD	306.086
549202	Mineral	ROX 9	216293 (100%)	093E	2009/jul/01	GOOD	477.489
554121	Mineral	ROX 10	216293 (100%)	093E	2009/jul/01	GOOD	477.248
554122	Mineral	ROX 11	216293 (100%)	093E	2009/jul/01	GOOD	477.496
554123	Mineral	ROX 12	216293 (100%)	093E	2009/jul/01	GOOD	381.998
554124	Mineral	ROX 13	216293 (100%)	093E	2009/jul/01	GOOD	477.255
554125	Mineral	ROX 14	216293 (100%)	093E	2009/jul/01	GOOD	191.263
554136	Mineral	ROX 15	216293 (100%)	093E	2009/jul/01	GOOD	381.805
554231	Mineral	ROX 16	216293 (100%)	093E	2009/jul/01	GOOD	477.255
554232	Mineral	ROX 17	216293 (100%)	093E	2009/jul/01	GOOD	477.49
554233	Mineral	ROX 18	216293 (100%)	093E	2009/jul/01	GOOD	477.726
554234	Mineral	ROX 19	216293 (100%)	093E	2009/jul/01	GOOD	477.959
554235	Mineral	ROX 20	216293 (100%)	093E	2009/jul/01	GOOD	286.882
554265	Mineral	ROX 21	216293 (100%)	093E	2009/jul/01	GOOD	458.884
554267	Mineral	ROX 22	216293 (100%)	093E	2009/jul/01	GOOD	458.714
554268	Mineral	ROX 23	216293 (100%)	093E	2009/jul/01	GOOD	458.538
554270	Mineral	ROX 24	216293 (100%)	093E	2009/jul/01	GOOD	458.362
554271	Mineral	ROX 25	216293 (100%)	093E	2009/jul/01	GOOD	95.627
						Total	10624.363



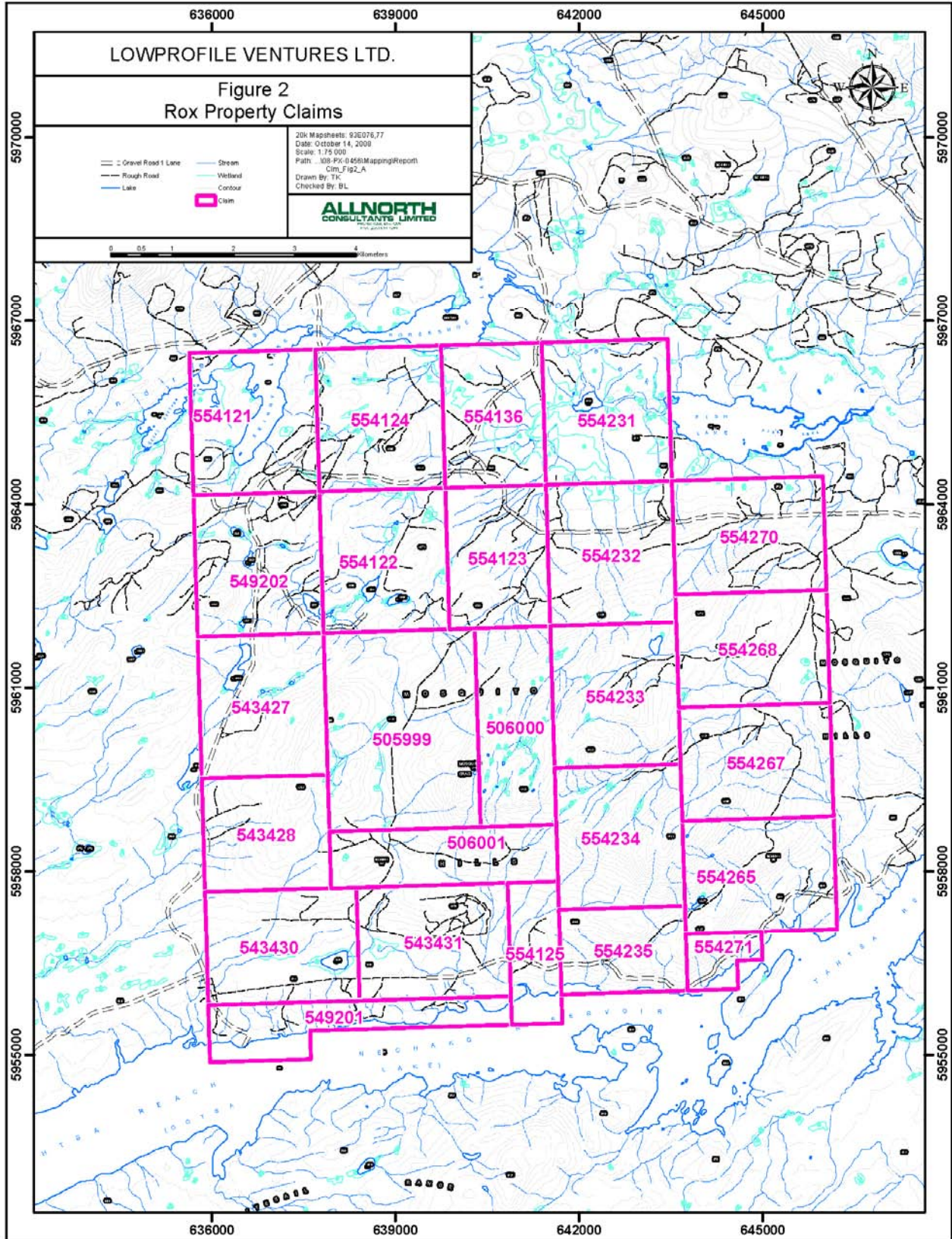


Figure 2: Rox Property Mineral Tenure.



### 3.3 Physiography and Climate

The Rox property is located near the western margin of the Nechako Plateau, the northernmost subdivision of the Interior Plateau (Holland, 1976). The property covers an area of relatively subdued topography, known as the Mosquito Hills, extending north from the shores of Tahtsa Reach to Horseshoe Lake. Elevations range from 888 m asl in the south to 1440 m asl in the centre of the property at Mosquito Crag.

The area is well-forested by thick stands of spruce and pine with thick undergrowth consisting of alder and devil's club. Swampy terrain occurs in patches throughout the central to northern portion of the property. Extensive glacial drift blankets most of the property and bedrock exposures typically occur along low ridges and along the margins of some drainages and road cuts.

Local climate is typical of the Northern Interior of British Columbia. Summer temperatures average a daytime high in the 20°C range with occasional temperatures reaching the low 30°C range. October through April sees average sub-zero temperatures with extreme lows reaching -30°C from November through March. Annual precipitation averages 50 cm including winter snowfall.

## 4. HISTORY

Relatively little recorded exploration has taken place in the area covered by the Rox claims. Recently however, several modest programs have examined small areas within the larger block of tenure. In November, 1987, Noranda Exploration Company, Limited, assessed an area along the north shore of Tahtsa Reach, south of Mosquito Crag, and identified arsenopyrite-bearing shear zones (MacArthur R. and Maxwell, G, 1988). On the Rox 1 claim, prospecting by Gary Thompson in the late 1990s discovered pyrite in sheared and altered rock in a contact zone between diorite and sandstone (Discovery showing) and ~350 m to the west, pyrite-rich veinlets cutting sandstone (Central showing). A 0.5 m chip sample from the Discovery showing assayed 7.0 g/t Au and 19.7 g/t Ag, and a 1.0 m chip sample from the Central showing assayed 2.25 g/t Au and 8.4 g/t Ag (L'Orsa, 2005).

Diamond drilling in 2002 and 2003 tested a zone of brecciated, silicified and mineralized sedimentary and felsic volcanic rocks on the Rox 1 claim (Ogryzlo, 2002 and 2003). The four short holes encountered sulphide-rich clay gouge and precious metal-bearing sulphide veinlets, evidence of either a porphyry, polymetallic vein or epithermal system (Ogryzlo, 2003). A 3D Induced Polarization survey was completed on the Rox 1 claim in 2004 (L'Orsa, 2005) and identified several linear and ovoid anomalies. Follow-up drilling in 2005 tested three chargeability highs and encountered narrow polymetallic veins with locally elevated gold and silver values within broad zones of disseminated pyrite consistent with a large hydrothermal system (L'Orsa, 2006).

## 5. GEOLOGICAL SETTING

### 5.1 Regional Setting

The Rox property (Figure 3) is located within the Intermontane Tectonic Belt; a partly collisional tectonic belt comprised of a series of accreted terranes. The largest of these terranes is Stikinia, which underlies much of central British Columbia. Stikinia consists of a series of Jurassic, Cretaceous and Tertiary magmatic arcs and successor basins which



The Rox property is centred south of the Skeena Arch in an area underlain primarily by marine sedimentary rocks of the Middle Jurassic Smithers Formation (Duffel, 1959). There is little bedrock exposed, but typical rock types include lithic sandstones, feldspathic sandstones, greywackes and conglomerates. Belemnites and bivalves are a common feature of these rocks.

Granitic intrusions of the Upper Cretaceous Bulkley intrusive suite cut the stratified rocks. The intrusions are part of a north-northwest belt of late Cretaceous –Tertiary granitic intrusions, some of which are known to be genetically related to significant porphyry deposits (Carter, 1981). Lying unconformably on, or in structural contact with the Jurassic pile, and masking the distribution of the older rocks, are basic to felsic flows of the Ootsa Lake Group and basic flows of the Endako Group (Foye and Osiaki, 1995).

## 5.2 Mineralization and Alteration

The region, or Tahtsa district (Seraphim and Holister, 1976), is very well mineralized and is host to a producing mine (Huckleberry copper-molybdenum mine), past producing mines (such as Emerald Glacier precious metal-base metal mine) and advanced porphyry copper-molybdenum prospects that have been the target of extensive exploration programs (such as Berg, Whiting Creek, Seel and Ox Lake). Porphyry systems in the Tahtsa district are post-accretion deposits that formed between 83 Ma (Huckleberry) and 49 Ma (Berg). The porphyry deposits are hosted by a range of rock types, but typically display peripheral propylitic alteration (including carbonate, chlorite and pyrite), and locally extensive biotite hornfelsing, that enclose core zones of silicic, potassic, sericitic and/or argillic alteration.

At the Rox property, laterally extensive deposits of till, locally extensive Tertiary volcanic cover, and the recessive nature of the rocks that comprise the Smithers Formation have resulted in a relative lack of bedrock exposure. As a consequence, there is little exploration history and very few mineral showings. Known showings occur immediately west and south of Mosquito Crag and have been described in previous assessment reports (Ogryzlo, 2002 and 2003).

Mineralization in the central part of the property consists typically of pyrite in narrow veins, stockworks, shears and limited zones of brecciation often accompanied by a gangue of drusy calcite and/or quartz and sometimes with traces of accessory sphalerite. Malachite has been recognized locally and chalcopyrite has been noted in at least one location on the Rox 1 claim. Arsenopyrite-bearing shears zones were noted on the north shore of Tahtsa Reach.

Alteration is weak consisting of mainly local zones of chlorite, carbonate and pyrite typically restricted to veinlets, weak stockwork zones and narrow, discontinuous bands of breccias.

## 6. EXPLORATION

### 6.1 Property Bedrock Mapping

A small property-scale bedrock mapping program took place during six days in July and August (July 23, August 11-13 and August 23) in 2008. The mapping team was comprised of Diana Benz and Sheri Burt (P.Geo.) and assistants Amber Marko and Brian

Kornichuk. The author spent one day on the property (August 1) examining bedrock exposed in several road-cuts and completing one short traverse in the central area of the property. Because of the limited duration of the program only a small portion of the vast Rox property was mapped (Figures in pocket). The areas covered were mapped at 1:10,000 scale. Access to the areas was provided by a series of old logging roads and trails.

Bedrock on the property consists primarily of fossiliferous, shallow water marine sedimentary rocks of the Middle Jurassic Smithers Formation. The sediments typically strike north-northwest and dip moderately to steeply to the northeast. Regionally significant granitic intrusions of the late Cretaceous-Tertiary Bulkley intrusive suite cut the stratified rocks. Lavas and related rocks of the upper Cretaceous – Tertiary Ootsa Lake Group and Tertiary Endako Group locally mask the distribution of the older rocks.

The Smithers Formation consists of coarse-grained lithic sandstones, feldspathic sandstones, greywackes and conglomerates. The rocks are typically pale to medium grey to greenish-grey and thin to thick bedded. They weather cream to pale brown colour. Because of the limited size of many outcrops, bedding is not always apparent, but where noted it is consistent with the regional trend of the Smithers Formation. Overall alteration is weakly developed and locally consists of calcite+/-pyrite veinlets, sometimes with quartz and/or epidote-chlorite, limited zones of 2-3% disseminated pyrite and irregular patches of epidote confined to the matrix.

Several exposures of quartzite(?) were mapped in the southwest part of the claim group. These were not observed by the author, but it is suspected that they are arenaceous sandstones and part of the Smithers Formation. They have been left “unassigned” on the bedrock map (in pocket).

The Ootsa Lake Group consists of aphanitic basalt and andesitic rocks. The basalts are dark grey to black, locally with a micro-porphyritic texture defined by 1mm plagioclase laths and sub-rounded grains of pale green olivine. Variations of the unit are vesicular and/or amygdaloidal. The andesitic rocks are medium to dark grey and greenish-grey and consist of flows and minor tuffaceous units. Andesite flows are characterized by medium to dark grey and greenish-grey, medium to fine igneous rock consisting mostly of plagioclase feldspar.

A poorly lithified conglomerate, comprised of fist-sized subangular clasts of Smithers Formation lithologies, and cut by a flow-banded rhyolite dyke, was encountered in the approximate centre of the property. It is interpreted to be a basal unit of either the Ootsa Lake Group or Endako Group.

A small stock of crowded plagioclase-hornblende porphyry is exposed in a road cut just north of Tahtsa Reach in the southeast corner of the claim block. The intrusion is cream-coloured and punky-weathering, breaking down readily into small gravel-sized pieces. It is grey-green on fresh surface with pale green (sausseritized?) subhedral plagioclase and strongly chlorite-altered hornblende and biotite. Overall, the unit is dioritic in composition and is suspected to be part of the Bulkley suite of intrusions.

## 6.2 Rox Quarry Detailed Mapping

### 6.2.1 Introduction

A rock quarry in the central part of the Rox property was mapped on August 11, 2008, to characterize the bedrock and to describe the sulphide mineralization



observed during reconnaissance prospecting. The quarry measures approximately 160 m in length and approximately 80 m in width.

### 6.2.2 Methodology

The quarry was mapped at a 1:200 scale using GPS, chain with 1 m intervals, measuring tape and compass for control. The average error of the GPS points ranged from 4 m to 8 m. Grab samples were taken of shear and breccia zones containing 5% or more visible sulphides. All geological features were digitally rendered to within an accuracy of 2 metres. The methodology is described as follows:

- Document and mark the first GPS point, in averaging mode, at the most northwestern extent of the area of interest and fix the hip chain to that point. Note the Zone, Datum, Easting, Northing and Accuracy in metres.
- Walk directly east, using a compass, for 20 metres to create the first grid intersection. Ensure the hip chain is straight and as horizontal as is possible. Mark this point with orange flagging, label the flagging as Grid Point 1 and tie the flagging around a rock, tree, or picket.
- Continue in the same direction, marking grid intersections until the northeastern extent of the area of interest is reached. Document and mark this point as the second GPS point, in averaging mode, and note the Easting, Northing and Accuracy in metres.
- Turn 90° and walk directly south, using a compass, for 20 metres to the next grid intersection point. Mark this point with orange flagging tied around a rock, tree, or picket and continue in the same direction as before, marking grid intersection points.
- Check all new intersection points with the established intersection points to ensure accuracy and move the new intersection points as required.
- Continue creating a grid until the area of interest is covered and there are 4 GPS points at the 4 furthest extents.
- Create a small reference map showing the grid, an arrow pointing North, the location of the 4 GPS points and number the grid squares for reference while mapping (e.g. 1, 2, 3, 4 ...).
- Draw in geological details in the field notebook using the grid lines on the paper as a scale for mapping the features. Use 1 page to represent one square in the grid and draw in the features to scale, Measure the distance and azimuth from the grid intersections to accurately document features within the square. Document each square's number on each page, according to the reference map created, and the location of a GPS point if present.
- Transfer the geological details to the D-sized grid paper. Create the legend on the map. Create a Word file (.doc) of the notes describing the geological

features and label them, as required, on the map and in the Word file. Include the final legend in the Word file.

### 6.2.3 Lithology, Alteration and Structure

The rock quarry is dominated by light grey fossiliferous siltstone that weathers to pale grey and locally an orange-brown. The siltstone is generally thickly bedded and contains dark grey rip up clasts of mudstone. Belemnites and bivalves are a characteristic feature of this unit. Subordinate lithologies observed at the rock quarry include: arkosic sandstone, limestone, dacitic tuff and andesitic lapilli tuff. A narrow 'trachyte' dyke cuts the marine sedimentary package.

The arkosic sandstone was observed as patchy exposure throughout the quarry. The sandstone is typically very carbonaceous with wavy, undulating hematite stringers and zones throughout the unit.

Dacitic tuff occupies the centre portion of the quarry. This tuff is light grey and very fine grained with 15% of the matrix composed of sparry calcite. The andesitic lapilli tuff is similar to the dacitic tuff, but exhibits pervasive hematite staining. This tuff also is very fine grained with 15% of the matrix composed of sparry calcite. The tuff appears to have a brecciated texture on the weathered surface but this is localized to one patch and is thought to be large lapilli (2 cm to 10 cm in size). One shear zone is present and contains trace amounts bornite and chalcopyrite.

Two small exposures of 'trachyte' dyke occupy the western portion of the quarry. The dyke is pale blue on the weathered surface and has a bright blue-green fresh surface. The matrix is fine grained and shows pervasive chlorite replacement and hematite in the form of maroon patches and stringers. The dyke has chilled margins; 1-cm wide calcite veinlets cut the dyke at its northern extremity.

Carbonatization in the form of veins, oxidation in the form of hematite staining within the matrix and as banding, and occasional propylitic alteration in the form of chlorite veins are present to varying degrees throughout the siltstone unit. Narrow stockwork zones comprised of calcite occur locally following a strike of 062°. Small sulphide-bearing shear zones occur in various areas of the quarry. The shears typically strike from 140° to 165° and dip 20°E. Sulphide mineralization within the shear zones consists of pyrite with possible chalcopyrite and/or bornite and manganese oxide. Blocky open joints are the dominant structure and typically strike at 336° with dips of 22°E to 26°E. A 2 m wide zone of calcite-healed siltstone breccia is located in the southwest corner of the quarry. A zone of increased carbonatization and calcite veining occupies the northern boundary of the brecciated zone. One small reverse fault was observed striking 020° and dipping 32°E, in the northwest corner of the quarry. Slickensides were visible along the fault plane.

## 6.3 Rock Geochemistry

Eight representative grab samples were selected for analysis, but only two were submitted for analysis. Sample 659682 was taken at station RXSB002 and returned values of 2435 ppm Cu and 2.7 ppb Au. Sample 659690 was taken at station RXBL008 and was not anomalous. Sample stations are shown on the bedrock maps (in pocket) and a summary of the geochemical results are listed in Appendix B. Six

grab samples collected from the rock quarry late in the project were not submitted for analysis due to budget constraints.

Table 2: Rox Quarry Detailed Notes

Code	Lithology	Description
A	Siltstone	Carbonate-rich ~10%; hard (>7); massive; light grey siltstone with dark grey rip up clasts of mudstone with soft sediment deformation ~2%; orange-brown weathered surface; stockwork calcite veining - hairline to 3.5 cm wide with typical strike of 062 <sup>0</sup> ; nonmagnetic; no visible sulphides; rare tube worm casts present
A1	Siltstone	Contact with overburden strikes 339°; area of increased veining strikes 060 <sup>0</sup>
A2	Siltstone	Blocky open joints; oxidized maroon in colour; patchy and pervasive in ~90% of the area
A3	Siltstone	Blocky open joints strike 164° and 236°; undulating shear along bedding planes strike 182° and dip 22° SW
A4	Siltstone	Pervasive carbonatization and oxidation (maroon patches); blocky open joints strike 336° and dip 26° E and 336° with a dip of 22° E; <1% hematite patches
A5	Siltstone	Large 40 mm chlorite vein strike 280° dip uncertain; area of increased veining
A6	Siltstone	Reverse fault 020°; slickensides present; calcite vein with rusty orange limonite on surface
A7	Siltstone	Mainly rubble; oxidization and carbonatization alteration
A8	Siltstone	Patchy oxidization (maroon patches); same carbonatization; rare <<1% weathered sulphides (limonite); veining parallel to bedding ~3% and 1 mm to 10 mm in width
A9	Siltstone	Patchy oxidation; same carbonatization; decreased veining towards the NW (near to road)
A10	Siltstone	Shear zone 142° dip 40° E; very weathered; pockets of calcite within fine grained matrix (boudins?)
A11	Siltstone	Patchy oxidation alteration; carbonatization continues
A12	Siltstone	Shear crenulated; small mm sized calcite nodules ~10% within shear; no visible sulphide mineralization but limonite is present on the weathered surface; siltstone is darker grey and carbonatization has decreased to 5%
A13	Siltstone	Increased oxidization (maroon colour) ~20%
A14	Siltstone	Light grey; with limonite coating
A15	Siltstone	Light grey; no visible oxidation; no visible carbonatization

A16	Siltstone	Shear zone 60 mm; lower edge 8 mm granular with clasts of carbonate (calcite); banded light grey-dark grey; <1% sulphides below shear in siltstone; top margin 5 mm is light green (chlorite); hematite present in patches both above and below the shear; patchy oxidation
A17	Siltstone	Increased pervasive oxidation 20% and patchy calcite ~5%
A18	Siltstone	Fine grained; maroon; calcite clasts within matrix 10%; blocky open joints; shear zone crenulated strike 160° and dip 20° E; siltstone below shear shows bivalves, belemnites and fossilized wood(?); siltstone above shear very maroon (oxidized 20%)
A19	Siltstone	Maroon (oxidized 20%); massive; fibrous minerals light grey to almost black (actinolite?) replacement of some fossils (<1%); shear 130 mm; no visible sulphides mineralization
A20	Siltstone	Shear mineralized; top siltstone shows evidence of sulphide weathering; increase in veining; <1% 8-mm wide veinlets parallel bedding
A21	Siltstone	Very dark grey siltstone; hairline boxwork veinlets like in A except thinner (mm to 4 mm) and at 4%; patchy hematite
A22	Siltstone	Maroon; very large (4 cm) carbonate veins aligned with bedding strike; sandstone patches; no visible mineralization
B	Hydrothermal Breccia	Large 2 m wide strip of hydrothermal carbonate (calcite) brecciated clasts of siltstone (~50 mm); zone of increased carbonatization by sandstone contact
Td	Trachyte Dyke	Blocky open joints strike 322° and dip 32° E; bright blue green fine grained matrix (chlorite) with maroon patches (propylitic alteration); hematite stringers ~10%
C1	Trachyte Dyke	Pale green weathered dyke; chill margins; very fine grained; large 10 mm carbonate veins cut dyke as well as hematite stringers
aSa	Arkosic Sandstone	Very carbonaceous; hematite stringers <1%; zoned ~10 mm by siltstone sandstone; wavy, undulating contact
Dt	Dacitic Tuff	Light grey, very fine grained with calcite spars ~2 mm across and at 15%
At	Andesitic Lapilli Tuff	Very oxidized maroon in colour; very fine grained with calcite spars (same as Dacitic Tuff); appears brecciated on weathered surface but only in one patch; shear zone is mineralized with bornite and chalcopyrite; nonmagnetic; no visible sulphides above or below shear

#### 6.4 Soil Geochemical Survey

A reconnaissance soil geochemical survey was conducted south and southeast of Skinny Lake in the northwest corner of the property. Sixty soil samples were collected to coincide with one of the areas covered by bedrock mapping. Sampling took place on approximate 200-metre centres using compass, hip chain and GPS for control. The samples were taken from the B soil horizon where possible, placed in standard kraft soil



bags and air dried. The samples were analyzed for 36 elements (aqua regia, ICP-MS) by Acme Analytical Laboratories Ltd of Vancouver, BC.

The small geochemical survey produced disappointing results. The highest copper value was 51.4 ppm Cu and the highest gold value was 2.6 ppb Au. None of the values from the 2008 survey reached threshold values of 70 ppm Cu and 10 ppb Au used for a previous survey on the property (L'Orsa, 2005). Values for lead and zinc were also very subdued with highs reaching only 19.9 ppm Pb and 212 ppm Zn. The results for copper and gold are plotted on Figure 5 (in pocket).

## 7. DATA VERIFICATION

All the reconnaissance rock and soil samples, collected during the 2008 field season, were selected, sealed and shipped to Acme Analytical Laboratories in Vancouver, BC. All the rock samples were selected by Allnorth geologists, and duplicated as a representative hand sample for future reference. The soil samples were collected by an experienced prospector under the employ of Lowprofile Ventures.

Due to the small number of reconnaissance rock samples submitted for analysis (2), no certified references were analyzed. Individual samples were labeled, placed in plastic sample bags, sealed and stored at a secure facility in Houston, BC. The samples were delivered via carrier to Acme Laboratory in Vancouver, BC. All samples were crushed, pulverized and the resulting sample pulps were analyzed. The remaining coarse reject portions of the samples remain in storage at the Acme Labs storage facility in Vancouver. The samples were analyzed using the Acme Labs assay procedure 1DX-15, a 1:1:1 Aqua Regia Digestion with an ICP-MS finish. The reader is referred to <http://www.acmelab.com> for details of these analytical procedures and the assay certificates are located in Appendix C: Certificates of Analysis.

## 8. INTERPRETATION AND CONCLUSIONS

The limited bedrock mapping program provided additional information on the distribution of the prospective Middle Jurassic Smithers Formation (Hazelton Group) on the Rox property. Alteration is not wide-spread, nor well-developed. However, weakly developed calcite-epidote+/-chlorite accompanied by pyrite either on fractures, in veinlets or as disseminations, locally with traces of copper mineralization, suggests that potential exists for a buried porphyry system.

## 9. RECOMMENDATIONS

Exploration should continue and focus on expanding the previously identified "Discovery" and "Central" showings where a spatial relationship exists between diorite, altered Smithers Formation country rock, structure and mineralization. Exploration should consist of thorough prospecting and detailed mapping and sampling with the intent to determine controls on mineralization and targets for more detailed follow-up. A 3-4 week program is recommended at an estimated cost of \$94,000.

### 10. STATEMENT OF COSTS – 2008 PROGRAM

Exploration Work type	Comment				Totals
<b>Personnel (Name) / Position</b>	<b>Field Days (list actual days)</b>	<b>Days</b>	<b>Rate</b>	<b>Subtotal</b>	
Bob Lane	August 1	1	\$750.00	\$750.00	
Diana Benz	August 11-13 & 21	4	\$425.00	\$1,700.00	
Amber Marko	August 1, 11-13 & 21	5	\$325.00	\$1,625.00	
Brian Kornichuk	July 20, 22, 23 August 11, 13 & 14	6	\$325.00	\$1,950.00	
Sheri Burt	July 20, 22 & 23	3	\$675.00	\$2,025.00	
				<b>\$8,050.00</b>	<b>\$8,050.00</b>
<b>Office Studies</b>					
Diana Benz	Project Preparation	1.00	\$425.00	\$425.00	
Amber Marko	Project Preparation	1.25	\$325.00	\$406.25	
Sheri Burt	Project Preparation	0.25	\$675.00	\$168.75	
Bob Lane	Project Management	1.00	\$750.00	\$750.00	
Brian Kornichuk	Project Preparation	1.25	\$325.00	\$406.25	
Ben Brown	Base Mapping	1.00	\$488.00	\$488.00	
				<b>\$2,644.25</b>	<b>\$2,644.25</b>
<b>Geochemical Surveying</b>	<b>Number of Samples</b>	<b>No.</b>	<b>Rate</b>	<b>Subtotal</b>	
Acme Labs	1 Rock	1.0	40.95	\$40.95	
Acme Labs	60 Soils	60.0	18.35	\$1,101.00	
Acme Labs	1 Rock	1.0	\$27.48	\$27.48	
				<b>\$1,169.43</b>	<b>\$1,169.43</b>
<b>Other Operations</b>		<b>No.</b>	<b>Rate</b>	<b>Subtotal</b>	
Lowprofile Exploration	Mobilization/demobilization, camp setup, project management, transportation and prospecting services	1.0	\$6,641.78	\$6,641.78	
Lowprofile Exploration	Mobilization/demobilization, camp setup, project management, transportation and prospecting services	1.0	\$10,601.52	\$10,601.52	
				<b>\$17,243.30</b>	<b>\$17,243.30</b>
<b>Transportation</b>		<b>No.</b>	<b>Rate</b>	<b>Subtotal</b>	
Travel to Field (wages - B. Lane)	July 31, August 1	0.75	\$750.00	\$562.50	
Travel to Field (wages - D. Benz)	August 10	0.50	\$425.00	\$212.50	
Travel to Field (wages - A. Marko)	July 29 & August 10	1.00	\$325.00	\$325.00	
Travel to Field (wages - S. Burt)	July 24	0.50	\$675.00	\$337.50	
Travel to Field (wages - B. Kornichuk)	July 24 & August 10	1.00	\$325.00	\$325.00	
Kilometres	Rental Truck (Field Crew)	650	\$0.65	\$422.50	
Kilometres	Truck 98 (Bob Lane)	641	\$0.65	\$416.65	
Daily Rate	Truck 83 (Field Crew)	7	\$50.00	\$350.00	
				<b>\$2,951.65</b>	<b>\$2,951.65</b>
<b>Accommodation &amp; Food</b>	<b>Rates per day</b>				
Bob Lane - Houston Motor Inn	July 31	1.00	\$77.22	\$77.22	
Field Crew - Houston Motor Inn	July 20 - August 14	1.00	\$912.38	\$912.38	
Field Crew - Meals & Groceries	July 20 - August 14	1.00	\$967.23	\$967.23	
				<b>\$1,956.83</b>	<b>\$1,956.83</b>
<b>Miscellaneous</b>					
Field Supplies (consumables)	July 20 - August 14	1.00	\$49.59	\$49.59	
Trim & Ortho for Base Maps	Trim & Ortho for Base Maps	1.00	\$946.00	\$946.00	
Assessment Report Compilation	Compiled by Allnorth	1.00	\$4,500.00	\$4,500.00	
				<b>\$5,495.59</b>	<b>\$5,495.59</b>
<b>TOTAL Expenditures</b>					<b>\$39,511.05</b>

## 11. COST ESTIMATE

### Proposed Budget for Follow-up Program

Exploration Work type					Totals
<b>Personnel (Name) / Position</b>		<b>Days</b>	<b>Rate</b>	<b>Subtotal</b>	
Geologist (PGeo)		25	\$550.00	\$13,750.00	
Geological assistant		25	\$250.00	\$6,250.00	
Prospector		25	\$400.00	\$10,000.00	
Assistant		25	\$250.00	\$6,250.00	
				\$36,250.00	<b>\$36,250.00</b>
<b>Office Studies</b>					
Project Preparation	Research & preparation for field	3.00	\$350.00	\$1,050.00	
				\$1,050.00	<b>\$1,050.00</b>
<b>Geochemical Surveying</b>		<b>No.</b>	<b>Rate</b>	<b>Subtotal</b>	
Soil Samples		300.0	25	\$7,500.00	
Rock Samples		200.0	35	\$7,000.00	
				\$14,500.00	<b>\$14,500.00</b>
<b>Other Operations</b>		<b>No.</b>	<b>Rate</b>	<b>Subtotal</b>	
Camp Establishment	Mobilization/demobilization, camp setup	2.0	\$2,000.00	\$4,000.00	
				\$4,000.00	<b>\$4,000.00</b>
<b>Transportation</b>		<b>No.</b>	<b>Rate</b>	<b>Subtotal</b>	
4x4 pickup 1	100/day	25.00	\$100.00	\$2,500.00	
4x4 pickup 2	100/day	25.00	\$100.00	\$2,500.00	
Fuel	100/day	25.00	\$100.00	\$2,500.00	
				\$7,500.00	<b>\$7,500.00</b>
<b>Accommodation &amp; Food</b>	<b>Rates per day</b>				
100 person-days	120 person days, camp lodging and meals	100.00	\$120.00	\$12,000.00	
				\$12,000.00	<b>\$12,000.00</b>
<b>Miscellaneous</b>					
Field Supplies (consumables)	Bags, tags, etc, misc equipment	1.00	\$1,000.00	\$1,000.00	
Maps		1.00	\$500.00	\$500.00	
Assessment Report		1.00	\$5,000.00	\$5,000.00	
				\$6,500.00	<b>\$6,500.00</b>
<b>SUBTOTAL</b>					<b>\$81,800.00</b>
<b>Contingency (10%)</b>					<b>\$8,180.00</b>
<b>GST (5%)</b>					<b>\$4,090.00</b>
<b>TOTAL</b>					<b>\$94,070.00</b>

## 12. REFERENCES

- Duffel, S. (1959): Whitesail Lake Map-Area, British Columbia; *Geological Survey of Canada*, Memoir 299, 119 pages.
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- Holland, S.S. (1976): Landforms of British Columbia, a Physiographic Outline; *British Columbia Department of Mines and Petroleum Resources*, Bulletin 48, 138 p.
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- McArthur, R. and Maxwell, G. (1988): Geochemical, Geological Report, Tahtsa Reach Property (TR 1 to 3, GR 1 Claims); *BC Ministry of Energy, Mines and Petroleum Resources*, Assessment Report 17443.
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- Ogryzlo, P.L. (2002): Diamond Drilling on the Rox 1 Mineral Claim, Omineca Mining Division; *BC Ministry of Energy, Mines and Petroleum Resources*, Assessment Report 26767.
- Ogryzlo, P.L. (2003): Geophysical Surveying and Diamond Drilling on the Rox 1 Mineral Claim, Omineca Mining Division; *BC Ministry of Energy, Mines and Petroleum Resources*, Assessment Report 27050.



### 13. STATEMENT OF QUALIFICATIONS

I, Robert (Bob) A. Lane, of 2606 Carlisle Way, Prince George, B.C., do hereby certify that:

1. I visited the Rox property on August 1, 2008.
2. I authored the assessment report with the assistance of Diana Benz.
3. I graduated from the University of British Columbia in 1990 with a M.Sc. in Geology.
4. I am a Professional Geoscientist (P.Ge.) registered with the Association of Professional Engineers and Geoscientists of British Columbia, license #18993, and have been a member in good standing since 1992.
5. From 1990 until present I have been continuously employed as a geologist in mining and mineral exploration sector.

Dated at: PRINCE GEORGE the 10 day of November 2008.



Robert (Bob) A. Lane, P.Ge.  
Allnorth Consultants Limited

**APPENDIX A**  
**FIELD MAPPING STATIONS AND DESCRIPTIONS**

Rox Field Mapping Stations

Station ID	Zone_Datum	Easting	Northing	Elevation (m)	Accuracy (m)	Outcrop/Float	Dimensions (width, height m)
RXAM001	Zone 9 NAD 83	641550	5961655	1241		Outcrop	
RXAM002	Zone 9 NAD 83	641646	5961713	1260		Outcrop	
RXAM006	Zone 9 NAD 83	639747	5964329			4 Outcrop	
RXAM007	Zone 9 NAD 83	639779	5964354			6 Outcrop	
RXAM008	Zone 9 NAD 83	639775	5964354			3.5 Outcrop	
RXAM009	Zone 9 NAD 83	639797	5964371			3.4 Outcrop	
RXAM010	Zone 9 NAD 83	639819	5964342			6 Outcrop	
RXAM011	Zone 9 NAD 83	639836	5964389			3.9 Outcrop	
RXAM012	Zone 9 NAD 83	639724	5964353				
RXAM013	Zone 9 NAD 83	639845	5964180				
RXAM014	Zone 9 NAD 83	639810	5964332				
RXAM015	Zone 9 NAD 83	639860	5964375				
RXAM016	Zone 9 NAD 83	639854	5964413				
RXBL001	Zone 9 NAD 83	639804	5964360	995		Outcrop	
RXBL002	Zone 9 NAD 83	640911	5961209	1238		Outcrop	
RXBL003	Zone 9 NAD 83	641501	5961605	1241		Outcrop	
RXBL004	Zone 9 NAD 83	641523	5961624	1239		Outcrop	
RXBL005	Zone 9 NAD 83	641574	5961655	1241		Outcrop	
RXBL006	Zone 9 NAD 83	641623	5961712	1231		Outcrop	
RXBL007	Zone 9 NAD 83	641787	5961894	1203		Outcrop	
RXBL008	Zone 9 NAD 83	638948	5959679	1148		Outcrop	
RXBL009	Zone 9 NAD 83	643037	5956255	931		Outcrop	
RXBL010	Zone 9 NAD 83	643616	5956060	888		Outcrop	

Rox Field Mapping Stations

Station ID	Zone_Datum	Easting	Northing	Elevation (m)	Accuracy (m)	Outcrop/Float	Dimensions (width, height m)
RXDB001	Zone 9 NAD 83	637133	5964041	1070	6	Outcrop	50,15
RXDB002	Zone 9 NAD 83	637208	5964036	1089	12	Outcrop	8, 7
RXDB003	Zone 9 NAD 83	637256	5963985	1070	8.4	Outcrop	
RXDB003B	Zone 9 NAD 83	637301	5963988	1068	9	Outcrop	
RXDB003C	Zone 9 NAD 83	637346	5963988	1068	9	Outcrop	
RXDB004	Zone 9 NAD 83	637435	5964008	1065	10	Outcrop	1.5, 0.3
RXDB005	Zone 9 NAD 83	637617	5964108	1052	8	Outcrop	25, 15
RXDB006	Zone 9 NAD 83	637188	5963926	1058	5.7	Outcrop	5, 2
RXDB007	Zone 9 NAD 83	637133	5963837	1053	6	Outcrop	5, 5
RXDB008	Zone 9 NAD 83	636778	5962980	1005	6	Outcrop	10, 1.5
RXDB008B	Zone 9 NAD 83	636814	5962974	1011	6	Outcrop	
RXDB008C	Zone 9 NAD 83	636827	5963004	1013	5	Outcrop	
RXDB008D	Zone 9 NAD 83	636779	5963006	1007	8	Outcrop	
RXDB009	Zone 9 NAD 83	636820	5962985			Outcrop	4, 5
RXDB010	Zone 9 NAD 83	636446	5960554	1043	6	Outcrop	25, 10
RXDB011	Zone 9 NAD 83	637665	5964632	1032	6	Outcrop	3, 2
RXDB012	Zone 9 NAD 83	645652	5957708	901	6	Outcrop	
RXDB012B	Zone 9 NAD 83	645613	5957694	899	6	Outcrop	
RXDB012C	Zone 9 NAD 83	654609	5957673	890	6	Outcrop	



Rox Field Mapping Stations

Station ID	Zone_Datum	Easting	Northing	Elevation (m)	Accuracy (m)	Outcrop/Float	Dimensions (width, height m)
RXDB012D	Zone 9 NAD 83	645648	5957698			Outcrop	
RXDB013	Zone 9 NAD 83	645477	5957640	903	7	Outcrop	20, 30
RXDB014	Zone 9 NAD 83	645395	5957538	894	7	Outcrop	
RXDB014B	Zone 9 NAD 83	645371	5957530	903	11	Outcrop	
RXDB015	Zone 9 NAD 83	645356	5957623	924	9	Outcrop	
RXDB015B	Zone 9 NAD 83	645348	5957648	924	9	Outcrop	
RXDB015C	Zone 9 NAD 83	645276	5957633	946	9	Outcrop	
RXDB015D	Zone 9 NAD 83	645248	5957560	940	8	Outcrop	
RXDB016	Zone 9 NAD 83	645260	5957354	897	9	Outcrop	
RXDB016B	Zone 9 NAD 83	645240	5957449	914	9	Outcrop	
RXDB016C	Zone 9 NAD 83	645204	5957364	906	9	Outcrop	
RXDB017	Zone 9 NAD 83	645168	5957285	896	8	Outcrop	
RXDB017B	Zone 9 NAD 83	645107	5957301	907	9	Outcrop	
RXDB017C	Zone 9 NAD 83	645109	5957255	911	7	Outcrop	
RXDB018	Zone 9 NAD 83	644700	5956858	908	14	Outcrop	
RXDB018B	Zone 9 NAD 83	644687	5956840	910	7	Outcrop	
RXDB019	Zone 9 NAD 83	644665	5956815	906	6	Outcrop	
RXDB020	Zone 9 NAD 83	644630	5956747	910	6	Outcrop	10, 5
RXDB021	Zone 9 NAD 83	644617	5956710	904	7	Outcrop	10, 5
RXDB022	Zone 9 NAD 83	644514	5956647	900	8	Outcrop	
RXDB022B	Zone 9 NAD 83	644526	5956689	911	8	Outcrop	
RXDB023	Zone 9 NAD 83	644391	5956660	926	8	Outcrop	100, 10
RXDB024	Zone 9 NAD 83	644208	5956405	893	8	Outcrop	

Rox Field Mapping Stations

Station ID	Zone_Datum	Easting	Northing	Elevation (m)	Accuracy (m)	Outcrop/Float	Dimensions (width, height m)
RXDB024B	Zone 9 NAD 83	644173	5956377	910	7	Outcrop	
RXDB025	Zone 9 NAD 83	644036	5956249	891	8	Outcrop	
RXDB026	Zone 9 NAD 83	643412	5956197	904	10	Outcrop	10, 5
RXDB027	Zone 9 NAD 83	642877	5956250	937	10	Outcrop	
RXDB027B	Zone 9 NAD 83	643062	5956248	923	7	Outcrop	
RXDB028	Zone 9 NAD 83	643737	5957180			Outcrop	30, 3
RXDB029	Zone 9 NAD 83	637526	5957371	992	7	Outcrop	
RXDB030	Zone 9 NAD 83	637578	5957379	1001	6	Outcrop	
RXDB030B	Zone 9 NAD 83	637626	5957341	1011	7	Outcrop	
RXDB031	Zone 9 NAD 83	638956	5960045	1147	7	Outcrop	
RXDB032	Zone 9 NAD 83	639197	5960436	1114	6	Outcrop	
RXDB033	Zone 9 NAD 83	639208	5960436	1143	6	Outcrop	
RXDB034	Zone 9 NAD 83	639502	5961153	1138	6	Outcrop	
RXDB035	Zone 9 NAD 83	639641	5961286	1127	7	Outcrop	
RXDB036	Zone 9 NAD 83	639876	5961655	1109	7	Outcrop	
RXDB037	Zone 9 NAD 83	636138	5963932	966	10	Outcrop	3, 1
RXDB038	Zone 9 NAD 83	636899	5962895	991	9	Outcrop	
RXDB039	Zone 9 NAD 83	636900	5862889	1003	6	Outcrop	
RXDB040	Zone 9 NAD 83	636907	5962886	998	7	Outcrop	

Rox Field Mapping Stations

Station ID	Zone_Datum	Easting	Northing	Elevation (m)	Accuracy (m)	Outcrop/Float	Dimensions (width, height m)
RXDB040B	Zone 9 NAD 83	636948	5962871	1002	10	Outcrop	
RXDB040C	Zone 9 NAD 83	636992	5962864	1003	10	Outcrop	
RXDB040D	Zone 9 NAD 83	637017	5962892	1011	10	Outcrop	
RXDB040E	Zone 9 NAD 83	637007	5962913	1010	8	Outcrop	
RXDB041	Zone 9 NAD 83	637025	5962894	1013	10	Outcrop	
RXDB041B	Zone 9 NAD 83	637000	5962921	1016	10	Outcrop	
RXSB001	Zone 9 NAD 83	635849	5964403	983	8	Outcrop	10,5
RXSB002	Zone 9 NAD 83	635879	5964478	984	6	Outcrop	10,10
RXSB003	Zone 9 NAD 83	635939	5964523	993	7	Outcrop	2,2
RXSB004	Zone 9 NAD 83	635926	5964648	992	6	Outcrop	20,20
RXSB005	Zone 9 NAD 83	635949	5964738	985	6	Outcrop	5,5
RXSB006	Zone 9 NAD 83	635925	5964809	980	4	Outcrop	20,20
RXSB007	Zone 9 NAD 83	635803	5964740	978	4	Outcrop	20,20
RXSB008	Zone 9 NAD 83	635798	5964656	991	6	Outcrop	5, 5
RXSB009	Zone 9 NAD 83	636030	5963103	1046	5	Outcrop	5, 5

Rox Field Mapping Stations

Station ID	Zone_Datum	Easting	Northing	Elevation (m)	Accuracy (m)	Outcrop/Float	Dimensions (width, height m)
RXSB010	Zone 9 NAD 83	635899	5962704	1090	7	Outcrop	20, 10
RXSB011	Zone 9 NAD 83	635902	5962641	1123	4	Outcrop	100, 50
RXSB012	Zone 9 NAD 83	635904	5962527	1134	4	Outcrop	15, 10
RXSB013	Zone 9 NAD 83	635959	5962431	1156	5	Outcrop	1, 1
RXSB014	Zone 9 NAD 83	635979	5962400	1171	6	Outcrop	10, 10
RXSB015	Zone 9 NAD 83	635973	5962356	1170	6	Outcrop	20, 20
RXSB016	Zone 9 NAD 83	635985	5962452	1154	6	Outcrop	10, 15
RXSB017	Zone 9 NAD 83	635984	5962559	1139	8	Outcrop	20, 20
RXSB018	Zone 9 NAD 83	636010	5962682	1094	8	Outcrop	30, 10
RXSB019	Zone 9 NAD 83	636060	5962781	1071	6	Outcrop	10, 10
RXSB020	Zone 9 NAD 83	636192	5963293	1032	6	Outcrop	10, 10
RXSB021	Zone 9 NAD 83	637467	5963512	1067	5	Float	1, 1
RXSB022	Zone 9 NAD 83	637642	5963666	1098	5	Outcrop	2, 2
RXSB023	Zone 9 NAD 83	637579	5963653	1091	5	Outcrop	5, 5
RXSB024	Zone 9 NAD 83	637395	5963667	1063	4	Outcrop	3, 3
RXSB025	Zone 9 NAD 83	637287	5963974	1064	4	Outcrop	50, 5
RXSB026	Zone 9 NAD 83	637280	5964070	1073	4	Outcrop	100, 30
RXSB027	Zone 9 NAD 83	637305	5964196	1064	4	Outcrop	10, 10
RXSB028	Zone 9 NAD 83	637255	5964197	1059	5	Outcrop	2, 2
RXSB029	Zone 9 NAD 83	637118	5964328	1046	4	Outcrop	30, 20

Rox Field Mapping Stations

Station ID	Strike	Dip	Direction	Assay Sample	Hand Sample	Picture	Date
RXAM001					No	No	
RXAM002					No	No	
RXAM006				829022	Yes	No	11-Aug-08
RXAM007				829023	Yes	No	11-Aug-08
RXAM008				829024	Yes	No	11-Aug-08
RXAM009	147	45	SW	829025	Yes	No	11-Aug-08
RXAM010	160	59	SW	829026	Yes	No	11-Aug-08
RXAM011				829027	Yes	No	11-Aug-08
RXAM012							
RXAM013							
RXAM014							
RXAM015							
RXAM016							
RXBL001	166	42	NE		Yes	Yes	1-Aug-08
RXBL002					No	No	1-Aug-08
RXBL003	85				No	No	1-Aug-08
RXBL004					No	No	1-Aug-08
RXBL005	305				Yes	No	1-Aug-08
RXBL006					Yes	No	1-Aug-08
RXBL007					No	No	1-Aug-08
RXBL008	130	54	NE	659690	No	No	1-Aug-08
RXBL009					Yes	Yes	1-Aug-08
RXBL010					Yes	Yes	1-Aug-08

Rox Field Mapping Stations

Station ID	Strike	Dip	Direction	Assay Sample	Hand Sample	Picture	Date
RXDB001	183	7	W		No	No	12-Aug-08
RXDB002	302	34	N		No	No	12-Aug-08
RXDB003	130	20	SW		No	No	12-Aug-08
RXDB003B					No	No	12-Aug-08
RXDB003C					No	No	12-Aug-08
RXDB004	74	32	S		No	No	12-Aug-08
RXDB005	324	14	NE		No	No	12-Aug-08
RXDB006					No	No	12-Aug-08
RXDB007	140	2	N		No	No	12-Aug-08
RXDB008	168	0			No	No	12-Aug-08
RXDB008B					No	No	12-Aug-08
RXDB008C					No	No	12-Aug-08
RXDB008D					No	No	12-Aug-08
RXDB009	82	70	N		No	No	12-Aug-08
RXDB010					Yes	No	12-Aug-08
RXDB011	144	12			Yes	No	12-Aug-08
RXDB012					No	No	13-Aug-08
RXDB012B					No	No	13-Aug-08
RXDB012C					No	No	13-Aug-08



Rox Field Mapping Stations

Station ID	Strike	Dip	Direction	Assay Sample	Hand Sample	Picture	Date
RXDB012D					No	No	13-Aug-08
RXDB013					No	No	13-Aug-08
RXDB014					No	No	13-Aug-08
RXDB014B					No	No	13-Aug-08
RXDB015					No	No	13-Aug-08
RXDB015B					No	No	13-Aug-08
RXDB015C					No	No	13-Aug-08
RXDB015D					No	No	13-Aug-08
RXDB016					No	No	13-Aug-08
RXDB016B					No	No	13-Aug-08
RXDB016C					No	No	13-Aug-08
RXDB017					No	No	13-Aug-08
RXDB017B					No	No	13-Aug-08
RXDB017C					No	No	13-Aug-08
RXDB018					No	No	13-Aug-08
RXDB018B					No	No	13-Aug-08
RXDB019					No	No	13-Aug-08
RXDB020					Yes	No	13-Aug-08
RXDB021					No	No	13-Aug-08
RXDB022					Yes	No	13-Aug-08
RXDB022B					No	No	13-Aug-08
RXDB023					No	No	13-Aug-08
RXDB024					No	No	13-Aug-08

Rox Field Mapping Stations

Station ID	Strike	Dip	Direction	Assay Sample	Hand Sample	Picture	Date
RXDB024B					No	No	13-Aug-08
RXDB025					No	No	13-Aug-08
RXDB026					No	No	13-Aug-08
RXDB027					No	No	13-Aug-08
RXDB027B					No	No	13-Aug-08
RXDB028					No	No	13-Aug-08
RXDB029					No	No	21-Aug-08
RXDB030					No	No	21-Aug-08
RXDB030B					No	No	21-Aug-08
RXDB031	190	60	E		Yes	No	21-Aug-08
RXDB032					No	No	21-Aug-08
RXDB033					No	No	21-Aug-08
RXDB034					No	No	21-Aug-08
RXDB035					No	No	21-Aug-08
RXDB036					No	No	21-Aug-08
RXDB037					No	No	21-Aug-08
RXDB038					No	No	21-Aug-08
RXDB039					No	No	21-Aug-08
RXDB040					No	No	21-Aug-08

Rox Field Mapping Stations

Station ID	Strike	Dip	Direction	Assay Sample	Hand Sample	Picture	Date
RXDB040B					No	No	21-Aug-08
RXDB040C					No	No	21-Aug-08
RXDB040D					No	No	21-Aug-08
RXDB040E					No	No	21-Aug-08
RXDB041					No	No	21-Aug-08
RXDB041B					No	No	21-Aug-08
RXSB001					No	No	23-Jul-08
RXSB002				659682	Yes	No	23-Jul-08
RXSB003					No	No	23-Jul-08
RXSB004					No	No	23-Jul-08
RXSB005					Yes	No	23-Jul-08
RXSB006					Yes	No	23-Jul-08
RXSB007					Yes	No	23-Jul-08
RXSB008					No	No	23-Jul-08
RXSB009					Yes	No	23-Jul-08

Rox Field Mapping Stations

Station ID	Strike	Dip	Direction	Assay Sample	Hand Sample	Picture	Date
RXSB010					No	No	23-Jul-08
RXSB011	10	90			No	No	23-Jul-08
RXSB012					No	No	23-Jul-08
RXSB013					Yes	No	23-Jul-08
RXSB014	60				Yes	No	23-Jul-08
RXSB015					No	No	23-Jul-08
RXSB016					No	No	23-Jul-08
RXSB017					No	No	23-Jul-08
RXSB018					No	No	23-Jul-08
RXSB019					No	No	23-Jul-08
RXSB020					No	No	23-Jul-08
RXSB021					No	No	23-Jul-08
RXSB022					No	No	23-Jul-08
RXSB023					No	No	23-Jul-08
RXSB024					Yes	No	23-Jul-08
RXSB025					Yes	No	23-Jul-08
RXSB026					Yes	Yes	23-Jul-08
RXSB027					Yes	No	23-Jul-08
RXSB028					No	No	23-Jul-08
RXSB029					No	No	23-Jul-08

Rox Field Mapping Stations

Station ID	Description	Lithology	Lithology Code
RXAM001	as per RXBL004	Conglomerate	Cg
RXAM002	as per RXBL004	Conglomerate	Cg
RXAM006	Large calcite vein, brecciated siltstone on either side and within the vein itself; no apparent sulphides; approximately 10 cm wide vein	Siltstone	SI
RXAM007	Siltstone, dark grey to green with calcite veins throughout mm to 5 cm wide; highly altered dike cutting siltstone light green coloured; calcite vein cutting all of the above features; weathered surface has areas of iron oxidation; no apparent sulphides; calcite veins 1 cm to 2 cm wide with brecciated siltstone throughout	Siltstone	SI
RXAM008	Siltstone with calcite veins mm-cm wide; small amounts of hematite present; sulphides present, pyrite; soil is very orange in this area; blebs of K feldspar present	Siltstone	SI
RXAM009	Sediments, siltstone with fossils present, bivalves; shear zone, filled with calcite and sulphides, pyrite; iron oxide staining and hematite staining on weathered surface; shear zone 164/45 E NE	Siltstone	SI
RXAM010	Sandstone with sulphides present in shear zone; shear zone mineralized with pyrite in association with calcite; calcite precipitate on surface; shear zone 159/35 E	Volcanic Sandstone	Sa
RXAM011	Siltstone with a small layer of hornfels on top; shear zone filled with mudstone 164/36 E NE; iron oxide and manganese staining on weathered surface; fossils are present in sediments; in places a sandstone layer on top of siltstone later	Siltstone	SI
RXAM012	Control Point 1		
RXAM013	Control Point 2		
RXAM014	Control Point 3		
RXAM015	Control Point 4		
RXAM016	Control Point 5		
RXBL001	At rock quarry; fossiliferous lithic wacke with significant volcanic component; vague bedding defined by consistent orientation of fossils (belemnites; also bivalves); medium to thick bedded grey-maroon colour to grey green, smooth to mottled in appearance; narrow sandstone interbeds cm scale with 30-100 cm silt- mudstone beds; cut by a plagioclase porphyry dike; brown - dark maroon hornfels along dike; back of pit is minor zone of calcite healed breccia	Siltstone	SI
RXBL002	Sandstone; massive weathering and brown; grey fresh surface	Volcanic Sandstone	Sa
RXBL003	Conglomerate; subangular fist sized clasts of volc sed; oc located just inside trees at a sudden break in slope; estimated trend of 085	Conglomerate	bCg
RXBL004	Conglomerate, just further along; breccia blocks with fabric defined by long axis of tabular clasts	Conglomerate	bCg
RXBL005	Conglomerate, approximately 8 m across and 25 m long	Conglomerate	bCg
RXBL006	Rhyolite; large angular blocks; cream coloured with 1 mm quartz eyes and rare flakes of biotite; directly above is bedrock of matrix supported breccia; note angular clasts of mudstone.	Rhyolite	Rh
RXBL007	Plagioclase porphyry, greenish to maroon; aphanitic microcrystalline matrix, trace pyrite; plagioclase phenocrysts to 4 mm with some vague flowbanding; possible dike	Andesitic Plagioclase Porphyry	Ap
RXBL008	Sandstone/siltstone with heavy volcanic component; rare belemnites	Volcanic Sandstone	Sa
RXBL009	very punky, cream weathering, grey fresh surface; crowded plag-hbl porphyry, very rare quartz grains, chloritized mafics, paleauss. plags; common xenoliths up to 3 cm	Diorite	Di
RXBL010	Brownish-black, aphanitic, almost glassy, microporphyrific basalt; common <0.5mm, aligned plag laths and rare <1mm pale green trans olivine; rare agate; conchoidal fracturing; strongly magnetic	Basalt	Ba

Rox Field Mapping Stations

Station ID	Description	Lithology	Lithology Code
RXDB001	Outcrop; 15 m tall; strike 183 dip 7W; very fine grained maroon matrix with sub rounded clasts of quartz ~2% and 1-2 mm plus clasts altered to chlorite ~2% and 3-4 mm; conglomerate; massive; no visible sulphides; weathered surface bumpy like conglomerate; chlorite also found in matrix <1%; hematite replacement of some ~1% of clasts as well	Conglomerate	Cg
RXDB002	Same as RXDB001 except no hematite or chlorite and ~3% carbonate patches ~1 mm and short 3 mm hairline stringers	Conglomerate	Cg
RXDB003	Same as RXDB001; edge of swamp; maroon and chlorite patches with carbonate patches ~7% and 8 mm	Conglomerate	Cg
RXDB003B	Extension of RXDB003	Conglomerate	Cg
RXDB003C	Extension of RXDB003	Conglomerate	Cg
RXDB004	Same as RXDB001 except epidote present instead of chlorite replacement; by old road	Conglomerate	Cg
RXDB005	Outcrop by old logging road; same as RXDB003	Conglomerate	Cg
RXDB006	Same s RXDB001	Conglomerate	Cg
RXDB007	Same as RXDB003 except epidote shear present with hematite banding within shear aligned with strike and a vertical dip(?)	Conglomerate	Cg
RXDB008	Outcrop Side of main logging road; dark greyish green to dark brown fine grained matrix; bedding visible (siltstone) wavy; black chlorite visible outcrop face slickensided in some areas <1% along bedding planes; epidote present within matrix; shears present (2 visible) strike along bedding planes; weathered surface light orange to greenish black; veins horizontal to bedding planes 2 mm carbonates (calcite)	Siltstone	SI
RXDB008B	Extension of RXDB008	Siltstone	SI
RXDB008C	Extension of RXDB008	Siltstone	SI
RXDB008D	Extension of RXDB008 except not as intensely altered also has a darker rusty weathered surface	Siltstone	SI
RXDB009	Outcrop in clearcut; estimated coordinates; same as RXDB008 except increase in veining ~4% along strike and at sub 90 degree angles and very stringy with branches interweaving along vein strike direction; veins weathered to talc(?) on weathered surface possible epidote veins(?); another outcrop 3 m by 2 m ~ 10 m north of this outcrop	Siltstone	SI
RXDB010	Moss covered treed knoll in clearcut off main road; same as RXDB008 except magnetic in patches; shiny iridescent patches of goethite on weathered surface	Siltstone	SI
RXDB011	Small outcrop on old logging road; patchy outcrop exposures in 20 m area; dark greenish grey fine grained matrix; goethite weathering on surface light orange to white weathered surface; siltstone bedding is wavy and mini-faulted; veining along bedding planes ~1% and hairline carbonate veins; visible chalcopyrite ~1 mm; black metallic minerals (chalcocite?) found within veins ~5%; flagged where saw sulphides	Siltstone	SI
RXDB012	Scratched with a knife; weathered surface grey to light orange; fresh surface is greenish grey; magnetic; fine grained matrix with yellow vitreous translucent minerals non carbonate (andesine?) ~3% and 2 mm; blocky joints 030 dip 85 SE; no visible sulphides; very weathered surface skin of ~25 mm	Andesite Crystal Tuff	At
RXDB012B	Extension of RXDB012	Andesite Crystal Tuff	At
RXDB012C	Extension of RXDB012	Andesite Crystal Tuff	At



Rox Field Mapping Stations

Station ID	Description	Lithology	Lithology Code
RXDB012D	Extension of RXDB012; south side of road; visible magnetite crystal ~2 mm; also rare dark magnetic vein hairline <1% (magnetite?); extends to 100 m of mouth of river; estimated coordinates	Andesite Crystal Tuff	At
RXDB013	Same as RXDB012D; with visible magnetite; joints strike 328 and dip 80 NE; ~20 m wide and 30 m tall; large joint in outcrop face strike 048 dip 70 SE	Andesite Crystal Tuff	At
RXDB014	Same as RXDB012D; open joints strike 303 dip 80 NE	Andesite Crystal Tuff	At
RXDB014B	Extension of RXDB013	Andesite Crystal Tuff	At
RXDB015	Same as RXDB012D except hematite present in matrix ~1%; blocky open joints strike 262 dip 80 N	Andesite Crystal Tuff	At
RXDB015B	Extension of RXDB015	Andesite Crystal Tuff	At
RXDB015C	Extension of RXDB015	Andesite Crystal Tuff	At
RXDB015D	Extension of RXDB015	Andesite Crystal Tuff	At
RXDB016	Same as RXDB012D	Andesite Crystal Tuff	At
RXDB016B	Extension of RXDB016	Andesite Crystal Tuff	At
RXDB016C	Extension of RXDB016	Andesite Crystal Tuff	At
RXDB017	Same as RXDB012D except smaller phenocrysts (andesine?) ~1 mm and at 2% also decreased magnetite <<1%	Andesite Crystal Tuff	At
RXDB017B	Extension of RXDB017	Andesite Crystal Tuff	At
RXDB017C	Extension of RXDB017	Andesite Crystal Tuff	At
RXDB018	Same as RXDB012D except larger 3-4 mm andesine(?) phenocrysts; extremely weathered powdery and breaks into individual grains; small side slope on road	Andesite Crystal Tuff	At
RXDB018B	Extension of RXDB018; 2 m tall	Andesite Crystal Tuff	At
RXDB019	Dark grey fine grained matrix with ~25% phenocrysts (augite?) and mm to 5 mm; andesitic pyroxene (augite) porphyry; magnetic; magnetite <1% and sub mm disseminated throughout matrix and rarely <1% associated with phenocrysts; weathers dark orange to tan with a 'granular' weathered surface; broken outcrop on side of road ~10 m by 8 m; no visible sulphides, veining or alteration; very weathered surface shows phenocrysts weather white, partial weathering is black	Andesitic Plagioclase Porphyry	Ap
RXDB020	Same as RXDB019; 10 by 5 m	Andesitic Plagioclase Porphyry	Ap
RXDB021	Same as RXDB019; site of mini core samples; 10 m by 5 m	Andesitic Plagioclase Porphyry	Ap
RXDB022	Brick red to light orange weathered surface; small amoeboidal patches of translucent (clear), hard (7), light green to blue mineral on weathered surface and in fresh rock (chalcedony?) ~10% appears vuggy in matrix 3-4 mm; blocky open joints strike 018 dip 64 W; fine grained light grey matrix; andesite flow	Andesite Flow	Af
RXDB022B	Extension of RXDB022 except magnetite present <1% and 1 mm; area ~5 m SW which has <<1% phenocrysts yellowish and no visible chalcedony amygdules	Andesite Flow	Af
RXDB023	Outcrop on side slope by road ~100 m wide and 10 m tall with talus sloped to road; blocky open joints strike 042 dip 65 E; very fine grained dark grey andesite tuff; strongly magnetic magnetite sub mm and disseminated <1%; <1% visible phenocrysts (light yellow; vitreous, transparent, hard (7), euhedral) (andesine?); light orange to brick red weathered surface; no visible sulphides	Andesite Crystal Tuff	At
RXDB024	Very dark grey to black fine grained; massive; strongly magnetic; dark grey weathered surface; conchoidal fracture surfaces; disseminated sub mm dark metallic minerals present (magnetite) ~1%; possible hornfels since next to intrusive	Basalt	Ba

Rox Field Mapping Stations

Station ID	Description	Lithology	Lithology Code
RXDB024B	Extension of RXDB024	Basalt	Ba
RXDB025	Same as RXDB024; rare <1% hematite veining/coating along fracture surfaces; 4 m by 12 m high	Basalt	Ba
RXDB026	Coarse grained green euhedral (microcline?, or propylitic alteration?) intrusive ~10% K feldspar and 15% biotite; blocky open fractures strike 169 dip 66 W; 10 m wide by 5 m tall; syenite/monzonite	Diorite	Di
RXDB027	Same as RXDB026; spotty outcrop exposure to RXDB026B	Diorite	Di
RXDB027B	Extension of RXDB027	Diorite	Di
RXDB028	Same as RXDB024; sheen to fresh surface; bedding visible as light tan and dark bands ~3mm and curved	Basalt	Ba
RXDB029	Greenish grey weathered surface rare limonite <1%; greenish grey fresh surface; fine grained; ~20% carbonates (calcite); no visible sulphides; nonmagnetic; 3m by 1 m by old road cut; rare 2% augite phenocrysts; andesitic crystal tuff; too weathered to find joints	Andesite Crystal Tuff	At
RXDB030	Grey to light orange weathered surface; light grey fine grained fresh surface; same as RXDB029; large ~10 mm rounded soft (<<3) chalcocite nodules ~2%; few carbonates ~2% (calcite) in matrix; <<1% sub mm pyrite associated with calcite spars, some are vuggy and stained dark; nonmagnetic; hematitic weathering along fractures ~2 mm	Andesite Crystal Tuff	At
RXDB030B	Extension of RXDB030B; old sample site	Andesite Crystal Tuff	At
RXDB031	Light bluish grey fine grained matrix; weathered surfaces light rusty orange and appears granular and bedded; bedding strike 190 dip 60 E; carbonates present (calcite) ~2%; pyrite visible sub mm and 5%; nonmagnetic	Andesite Crystal Tuff	At
RXDB032	Upper 1 m is sandstone, massive, no visible carbonates, no visible bedding, 30% plagioclase (microcline?) greenish tinge and dark green areas (augite?); lower is dark green to light green, very magnetic, massive, chlorite ~25%, ~5% magnetic, 1 mm with ~5% calcite, calcite veining ~2 mm <<1% strike 087 with near vertical dip, andesitic crystal tuff; no visible sulphides in either	Volcanic Sandstone	Sa
RXDB033	Brownish orange weathered surface (limonite); light greenish grey fresh; carbonates (calcite) ~5% and spars; pyrite sub mm disseminated <<1%; next to felsic dike the wall rock is very dark grey with ~30% calcite nodules and stringers and spars; both nonmagnetic; by old DDH; no visible joints	Andesite Crystal Tuff	At
RXDB034	Greyish green fresh surface; 1% chalcopyrite disseminated 1 mm; nonmagnetic; ~2% carbonates (calcite) in matrix and patches ~10 mm by 15 mm; massive; weathered reddish orange in patches ~5% of rock face	Andesite Crystal Tuff	At
RXDB035	Light to dark grey fine grained matrix with visible crystals (augite, 2 mm and 2%); ~1% carbonates (calcite); <1% pyrite cubes disseminated in matrix; nonmagnetic	Andesite Crystal Tuff	At
RXDB036	Very dark grey; very fine grained like the wallrock in RXDB033; with carbonate veins and same as greyish green in andesitic tuff in RXDB033; same 'baked' rock in area but no visible dike	Andesite Crystal Tuff	At
RXDB037	Maroon andesitic tuff; chlorite and epidote replacement of phenocrysts ~2% and 2 mm; ~20% carbonates (calcite); rusty orange weathered surface; maroon and green clasts/phenocrysts in fresh surface (hematite and chlorite replacement); 3 m by 1 m	Andesite Crystal Tuff	At
RXDB038	Green, easily weathered fresh surface; <<1% pyrite clump ~2 mm; weathered surface appears pebbly; massive; ~2% carbonates (calcite) patches and spars; occasional 1% patches on weathered surface of rusty orange limonite; chlorite replacement of some clasts/phenocrysts ~3%	Andesite Crystal Tuff	At
RXDB039	Same as RXDB008; except no visible movement or epidote; just rare 1% calcite veins hairline; no visible sulphides; not sure of bedding strike	Siltstone	Sl
RXDB040	Quarry; same as RXDB038	Andesite Crystal Tuff	At

Rox Field Mapping Stations

Station ID	Description	Lithology	Lithology Code
RXDB040B	Extension of RXDB040	Andesite Crystal Tuff	At
RXDB040C	Extension of RXDB040	Andesite Crystal Tuff	At
RXDB040D	Extension of RXDB040	Andesite Crystal Tuff	At
RXDB040E	Extension of RXDB040	Andesite Crystal Tuff	At
RXDB041	1 m wide swath of sandstone; ~30% quartz angular to subrounded and 2 mm; trend strike 148 exposure	Volcanic Sandstone	Sa
RXDB041B	Extension of RXDB041	Volcanic Sandstone	Sa
RXSB001	Basalt; dark brown to black; some vesicles; some amygdules filled with calcite; also few quartz veins/inclusions; nonmagnetic; no visible sulphides	Amygdaloidal Basalt	Ba
RXSB002	Brecciated Basalt; minor malachite staining; no visible sulphides; abundant quartz in veins (malachite is on quartz); amygdules filled with calcite and quartz; vesicles	Amygdaloidal Basalt	Ba
RXSB003	Basalt; calcite filled amygdules and empty vesicles	Amygdaloidal Basalt	Ba
RXSB004	Basalt; vesicular; rounded weathering on outcrop; hard to get fresh surface; non magnetic	Amygdaloidal Basalt	Ba
RXSB005	Dark maroon to dark brown/black andesite; no visible vesicles; no apparent phenocrysts; abundant quartz in matrix	Andesite Flow	Af
RXSB006	Andesite; dark grey; siliceous with patches of breccia and abundant chlorite in matrix; nonmagnetic; abundant carbonate	Andesite Flow	Af
RXSB007	Andesite; crystalline/very siliceous; few chlorite patches; rare disseminated sulphides with malachite specks adjacent; some reddish hematite staining; dark maroon grey; occasional flash of crystal face visible - hornblende and pyroxene; directly above to the South is Amygdule Basalt; amygdules are filled with calcite which are sometimes rimmed or replaced with chlorite; nonmagnetic	Andesite Flow	Af
RXSB008	Basalt; vesicular	Amygdular Basalt	Ba
RXSB009	Light green; very siliceous; non calcareous	Quartzite	Qz

Rox Field Mapping Stations

Station ID	Description	Lithology	Lithology Code
RXSB010	Brecciated Quartzite; breccia; abundant quartz/chert clasts; hard to get fresh sample; clasts <5 cm; at west end, there is dark mafic matrix and most clasts are whitish quartz to chert-like	Quartzite	Qz
RXSB011	Brecciated Quartzite; breccia; most clasts are quartz; some with chlorite replacement; possible trend of 010 with a vertical dip; minor calcite in matrix and maybe in clasts	Quartzite	Qz
RXSB012	Looks like almost pure quartz - pinkish beige; very hard	Quartzite	Qz
RXSB013	Chert/Quartz- beige with some hematite staining	Quartzite	Qz
RXSB014	Same quartz/chert with hematite	Quartzite	Qz
RXSB015	Same quartz/chert with hematite	Quartzite	Qz
RXSB016	Same quartz/chert with hematite	Quartzite	Qz
RXSB017	Brecciated Quartzite; breccia	Quartzite	Qz
RXSB018	Brecciated Quartzite; breccia	Quartzite	Qz
RXSB019	Brecciated Quartzite; breccia	Quartzite	Qz
RXSB020	Same quartz/chert with hematite	Quartzite	Qz
RXSB021	Quartzite	Quartzite	Qz
RXSB022	Basalt; vesicular; amygdules of calcite	Amygdaloidal Basalt	Ba
RXSB023	Basalt; hard to get fresh surface; very weathered	Amygdaloidal Basalt	Ba
RXSB024	Sandstone; fine to medium grained; mostly quartz grains; occasional flecks of biotite; calcareous cement; nonmagnetic	Quartzose Sandstone	Sa
RXSB025	Breccia - volcanic clasts not like quartz breccia seen previously; clasts are mainly of aphanitic andesite and some porphyry; clasts are angular up to 5 cm; abundant manganese (goethite?) on fracture planes; slightly magnetic; green -(chlorite?)-clasts; matrix is dark maroonish	Andesite Breccia	Ab
RXSB026	Breccia - on weathered surface angular clasts of aphanitic andesite and basalt stick out as though matrix has been weathered away; chlorite and epidote along fractures; magnetic; quartz veining and fracture fill with some associated hematite; minor calcite	Andesite Breccia	Ab
RXSB027	Basalt with chlorite filled amygdules; nonmagnetic; minor calcite	Amygdaloidal Basalt	Ba
RXSB028	Basalt; hard to get fresh surface; very weathered	Amygdaloidal Basalt	Ba
RXSB029	Dark brownish grey; siliceous; andesite with some sections brecciated - red (hematite) and green (epidote/chlorite) angular clasts; nonmagnetic	Andesite Flow	Af

Rox Field Mapping Stations

Station ID	Veining	Visible Sulphides	Sulphides	Sulphides Code	Alteration	Alteration Code	Secondary Alteration	Mo ppm	Cu ppm	Cu %
RXAM001		No								
RXAM002		No								
RXAM006		No			Carbonization	Car				
RXAM007		No			Carbonization	Car				
RXAM008		Yes	Pyrite	Py	Carbonization	Car				
RXAM009		Yes	Pyrite	Py	Carbonization	Car				
RXAM010		Yes	Pyrite	Py	Carbonization	Car				
RXAM011		Yes	Pyrite	Py	Carbonization	Car				
RXAM012										
RXAM013										
RXAM014										
RXAM015										
RXAM016										
RXBL001		No			Oxidation	Oxi				
RXBL002		No								
RXBL003		No								
RXBL004		No								
RXBL005		No								
RXBL006		No								
RXBL007		No			Oxidation	Oxi				
RXBL008		No						0.4	13.8	
RXBL009		No								
RXBL010		No								

Rox Field Mapping Stations

Station ID	Veining	Visible Sulphides	Sulphides	Sulphides Code	Alteration	Alteration Code	Secondary Alteration	Mo ppm	Cu ppm	Cu %
RXDB001		No			Propylitic	Prp	Oxidation			
RXDB002		No			Carbonatization	Car				
RXDB003		No			Propylitic	Prp	Oxidation/Carbonatization			
RXDB003B		No			Propylitic	Prp	Oxidation/Carbonatization			
RXDB003C		No			Propylitic	Prp	Oxidation/Carbonatization			
RXDB004		No			Propylitic	Prp	Oxidation			
RXDB005		No			Propylitic	Prp	Oxidation/Carbonatization			
RXDB006		No			Propylitic	Prp	Oxidation			
RXDB007		No			Propylitic	Prp	Oxidation/Carbonatization			
RXDB008		No			Propylitic	Prp	Carbonatization			
RXDB008B		No			Propylitic	Prp	Carbonatization			
RXDB008C		No			Propylitic	Prp	Carbonatization			
RXDB008D		No			Propylitic	Prp	Carbonatization			
RXDB009		No			Propylitic	Prp	Carbonatization			
RXDB010		No			Propylitic	Prp	Carbonatization			
RXDB011		Yes			Propylitic	Prp	Carbonatization			
RXDB012		No			Propylitic	Prp				
RXDB012B		No			Propylitic	Prp				
RXDB012C		No			Propylitic	Prp				



Rox Field Mapping Stations

Station ID	Veining	Visible Sulphides	Sulphides	Sulphides Code	Alteration	Alteration Code	Secondary Alteration	Mo ppm	Cu ppm	Cu %
RXDB012D		No			Propylitic	Prp				
RXDB013		No			Propylitic	Prp				
RXDB014		No			Propylitic	Prp				
RXDB014B		No			Propylitic	Prp				
RXDB015		No			Propylitic	Prp	Oxidation			
RXDB015B		No			Propylitic	Prp	Oxidation			
RXDB015C		No			Propylitic	Prp	Oxidation			
RXDB015D		No			Propylitic	Prp	Oxidation			
RXDB016		No			Propylitic	Prp				
RXDB016B		No			Propylitic	Prp				
RXDB016C		No			Propylitic	Prp				
RXDB017		No			Propylitic	Prp				
RXDB017B		No			Propylitic	Prp				
RXDB017C		No			Propylitic	Prp				
RXDB018		No			Propylitic	Prp				
RXDB018B		No			Propylitic	Prp				
RXDB019		No			None	Non				
RXDB020		No			None	Non				
RXDB021		No			None	Non				
RXDB022		No			Silicification	Sil				
RXDB022B		No			Silicification	Sil				
RXDB023		No			None	Non				
RXDB024		No			None	Non				

Rox Field Mapping Stations

Station ID	Veining	Visible Sulphides	Sulphides	Sulphides Code	Alteration	Alteration Code	Secondary Alteration	Mo ppm	Cu ppm	Cu %
RXDB024B		No			None	Non				
RXDB025		No			None	Non				
RXDB026		No			None	Non				
RXDB027		No			None	Non				
RXDB027B		No			None	Non				
RXDB028		No			None	Non				
RXDB029		No			Carbonatization	Car	Propylitic			
RXDB030		Yes	Chalcocite	ch	Carbonatization	Car				
RXDB030B		Yes	Chalcocite	ch	Carbonatization	Car				
RXDB031		No	Pyrite	Py	Carbonatization	Car				
RXDB032		No			Propylitic	Prp				
RXDB033		Yes	Pyrite	Py	Carbonatization	Car				
RXDB034		Yes	Chalcopyrite	cp	Carbonatization	Car				
RXDB035		Yes	Pyrite	py	Carbonatization	Car				
RXDB036		No			Carbonatization	Car				
RXDB037		No			Propylitic	Prp	Carbonatization			
RXDB038		Yes	Pyrite	py	Carbonatization	Car	Propylitic			
RXDB039		No			Carbonatization	Car				
RXDB040		Yes	Pyrite	py	Carbonatization	Car				

Rox Field Mapping Stations

Station ID	Veining	Visible Sulphides	Sulphides	Sulphides Code	Alteration	Alteration Code	Secondary Alteration	Mo ppm	Cu ppm	Cu %
RXDB040B		Yes	Pyrite	py	Carbonatization	Car				
RXDB040C		Yes	Pyrite	py	Carbonatization	Car				
RXDB040D		Yes	Pyrite	py	Carbonatization	Car				
RXDB040E		Yes	Pyrite	py	Carbonatization	Car				
RXDB041		No			Propylitic	Prp				
RXDB041B		No			Propylitic	Prp				
RXSB001		No								
RXSB002		No						0.3	2434.9	0.24
RXSB003		No								
RXSB004		No								
RXSB005		No								
RXSB006		No			Silicification	Sil				
RXSB007		Yes	Malachite	Mala	Silicification	Sil				
RXSB008		No								
RXSB009		No			Silicification	Sil				

Rox Field Mapping Stations

Station ID	Veining	Visible Sulphides	Sulphides	Sulphides Code	Alteration	Alteration Code	Secondary Alteration	Mo ppm	Cu ppm	Cu %
RXSB010		No								
RXSB011		No			Propylitic	Prp	Carbonatization			
RXSB012		No								
RXSB013		No			Oxidation	Oxi				
RXSB014		No			Oxidation	Oxi				
RXSB015		No			Oxidation	Oxi				
RXSB016		No			Oxidation	Oxi				
RXSB017		No								
RXSB018		No								
RXSB019		No								
RXSB020		No			Oxidation	Oxi				
RXSB021		No								
RXSB022		No			Carbonatization	Car				
RXSB023		No								
RXSB024		No			Carbonatization	Car				
RXSB025		No			Oxidation	Oxi	Propylitic			
RXSB026		No			Propylitic	Prp	Silicification/Carbonatization			
RXSB027		No			Propylitic	Prp	Carbonatization			
RXSB028		No								
RXSB029		No			Propylitic	Prp	Oxidation/Silicification			

Rox Field Mapping Stations

Station ID	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Au g/t	Th ppm	Sr ppm
RXAM001													
RXAM002													
RXAM006													
RXAM007													
RXAM008													
RXAM009													
RXAM010													
RXAM011													
RXAM012													
RXAM013													
RXAM014													
RXAM015													
RXAM016													
RXBL001													
RXBL002													
RXBL003													
RXBL004													
RXBL005													
RXBL006													
RXBL007													
RXBL008	9.5	36	<0.1	3.9	5.5	625	1.11	3.5	0.3	<0.5		2.1	143
RXBL009													
RXBL010													



Rox Field Mapping Stations

Station ID	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Au g/t	Th ppm	Sr ppm
RXDB001													
RXDB002													
RXDB003													
RXDB003B													
RXDB003C													
RXDB004													
RXDB005													
RXDB006													
RXDB007													
RXDB008													
RXDB008B													
RXDB008C													
RXDB008D													
RXDB009													
RXDB010													
RXDB011													
RXDB012													
RXDB012B													
RXDB012C													

Rox Field Mapping Stations

Station ID	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Au g/t	Th ppm	Sr ppm
RXDB012D													
RXDB013													
RXDB014													
RXDB014B													
RXDB015													
RXDB015B													
RXDB015C													
RXDB015D													
RXDB016													
RXDB016B													
RXDB016C													
RXDB017													
RXDB017B													
RXDB017C													
RXDB018													
RXDB018B													
RXDB019													
RXDB020													
RXDB021													
RXDB022													
RXDB022B													
RXDB023													
RXDB024													

Rox Field Mapping Stations

Station ID	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Au g/t	Th ppm	Sr ppm
RXDB024B													
RXDB025													
RXDB026													
RXDB027													
RXDB027B													
RXDB028													
RXDB029													
RXDB030													
RXDB030B													
RXDB031													
RXDB032													
RXDB033													
RXDB034													
RXDB035													
RXDB036													
RXDB037													
RXDB038													
RXDB039													
RXDB040													

Rox Field Mapping Stations

Station ID	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Au g/t	Th ppm	Sr ppm
RXDB040B													
RXDB040C													
RXDB040D													
RXDB040E													
RXDB041													
RXDB041B													
RXSB001													
RXSB002	74.0	93	0.9	165.4	64.7	3395	4.74	1.4	0.2	2.7	0.000	0.5	55
RXSB003													
RXSB004													
RXSB005													
RXSB006													
RXSB007													
RXSB008													
RXSB009													

Rox Field Mapping Stations

Station ID	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Au g/t	Th ppm	Sr ppm
RXSB010													
RXSB011													
RXSB012													
RXSB013													
RXSB014													
RXSB015													
RXSB016													
RXSB017													
RXSB018													
RXSB019													
RXSB020													
RXSB021													
RXSB022													
RXSB023													
RXSB024													
RXSB025													
RXSB026													
RXSB027													
RXSB028													
RXSB029													

Rox Field Mapping Stations

Station ID	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %
RXAM001													
RXAM002													
RXAM006													
RXAM007													
RXAM008													
RXAM009													
RXAM010													
RXAM011													
RXAM012													
RXAM013													
RXAM014													
RXAM015													
RXAM016													
RXBL001													
RXBL002													
RXBL003													
RXBL004													
RXBL005													
RXBL006													
RXBL007													
RXBL008	0.1	<0.1	<0.1	9	2.34	0.037	15	4	0.41	52	0.001	<20	0.5
RXBL009													
RXBL010													

Rox Field Mapping Stations

Station ID	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %
RXDB001													
RXDB002													
RXDB003													
RXDB003B													
RXDB003C													
RXDB004													
RXDB005													
RXDB006													
RXDB007													
RXDB008													
RXDB008B													
RXDB008C													
RXDB008D													
RXDB009													
RXDB010													
RXDB011													
RXDB012													
RXDB012B													
RXDB012C													



Rox Field Mapping Stations

Station ID	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %
RXDB012D													
RXDB013													
RXDB014													
RXDB014B													
RXDB015													
RXDB015B													
RXDB015C													
RXDB015D													
RXDB016													
RXDB016B													
RXDB016C													
RXDB017													
RXDB017B													
RXDB017C													
RXDB018													
RXDB018B													
RXDB019													
RXDB020													
RXDB021													
RXDB022													
RXDB022B													
RXDB023													
RXDB024													

Rox Field Mapping Stations

Station ID	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %
RXDB024B													
RXDB025													
RXDB026													
RXDB027													
RXDB027B													
RXDB028													
RXDB029													
RXDB030													
RXDB030B													
RXDB031													
RXDB032													
RXDB033													
RXDB034													
RXDB035													
RXDB036													
RXDB037													
RXDB038													
RXDB039													
RXDB040													

Rox Field Mapping Stations

Station ID	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %
RXDB040B													
RXDB040C													
RXDB040D													
RXDB040E													
RXDB041													
RXDB041B													
RXSB001													
RXSB002	0.1	<0.1	0.3	95	15.67	0.034	4	135	1.54	25	0.133	<20	2.15
RXSB003													
RXSB004													
RXSB005													
RXSB006													
RXSB007													
RXSB008													
RXSB009													

Rox Field Mapping Stations

Station ID	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %
RXSB010													
RXSB011													
RXSB012													
RXSB013													
RXSB014													
RXSB015													
RXSB016													
RXSB017													
RXSB018													
RXSB019													
RXSB020													
RXSB021													
RXSB022													
RXSB023													
RXSB024													
RXSB025													
RXSB026													
RXSB027													
RXSB028													
RXSB029													

Rox Field Mapping Stations

Station ID	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
RXAM001									
RXAM002									
RXAM006									
RXAM007									
RXAM008									
RXAM009									
RXAM010									
RXAM011									
RXAM012									
RXAM013									
RXAM014									
RXAM015									
RXAM016									
RXBL001									
RXBL002									
RXBL003									
RXBL004									
RXBL005									
RXBL006									
RXBL007									
RXBL008	0.018	0.2	<0.1	<0.01	0.5	<0.1	<0.05	1	0.6
RXBL009									
RXBL010									

Rox Field Mapping Stations

Station ID	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
RXDB001									
RXDB002									
RXDB003									
RXDB003B									
RXDB003C									
RXDB004									
RXDB005									
RXDB006									
RXDB007									
RXDB008									
RXDB008B									
RXDB008C									
RXDB008D									
RXDB009									
RXDB010									
RXDB011									
RXDB012									
RXDB012B									
RXDB012C									

Rox Field Mapping Stations

Station ID	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
RXDB012D									
RXDB013									
RXDB014									
RXDB014B									
RXDB015									
RXDB015B									
RXDB015C									
RXDB015D									
RXDB016									
RXDB016B									
RXDB016C									
RXDB017									
RXDB017B									
RXDB017C									
RXDB018									
RXDB018B									
RXDB019									
RXDB020									
RXDB021									
RXDB022									
RXDB022B									
RXDB023									
RXDB024									



Rox Field Mapping Stations

Station ID	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
RXDB024B									
RXDB025									
RXDB026									
RXDB027									
RXDB027B									
RXDB028									
RXDB029									
RXDB030									
RXDB030B									
RXDB031									
RXDB032									
RXDB033									
RXDB034									
RXDB035									
RXDB036									
RXDB037									
RXDB038									
RXDB039									
RXDB040									

Rox Field Mapping Stations

Station ID	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
RXDB040B									
RXDB040C									
RXDB040D									
RXDB040E									
RXDB041									
RXDB041B									
RXSB001									
RXSB002	0.027	0.13	<0.1	<0.01	11.9	<0.1	<0.05	6	<0.5
RXSB003									
RXSB004									
RXSB005									
RXSB006									
RXSB007									
RXSB008									
RXSB009									

Rox Field Mapping Stations

Station ID	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
RXSB010									
RXSB011									
RXSB012									
RXSB013									
RXSB014									
RXSB015									
RXSB016									
RXSB017									
RXSB018									
RXSB019									
RXSB020									
RXSB021									
RXSB022									
RXSB023									
RXSB024									
RXSB025									
RXSB026									
RXSB027									
RXSB028									
RXSB029									

**APPENDIX B**  
**CERTIFICATES OF ANALYSIS**

**ALLNORTH CONSULTANTS LIMITED**



ACME ANALYTICAL LABORATORIES LTD.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

[www.acmelab.com](http://www.acmelab.com)

Client:

**Lowprofile Exploration**

P.O. Box 704

Houston BC V0J 1Z0 Canada

Submitted By:

Gary Thompson

Receiving Lab:

Canada-Vancouver

Received:

August 07, 2008

Report Date:

September 08, 2008

Page:

1 of 2

## CERTIFICATE OF ANALYSIS

VAN08008074.1

### CLIENT JOB INFORMATION

Project: Lund/Rox  
Shipment ID:  
P.O. Number 08-PX-0454  
Number of Samples: 10

### SAMPLE DISPOSAL

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

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

Invoice To: Lowprofile Exploration  
P.O. Box 704  
Houston BC V0J 1Z0  
Canada

CC: Bob Lane

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
R150	9	Crush, split and pulverize rock to 200 mesh		
1DX	10	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed

### ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.



ACME ANALYTICAL LABORATORIES LTD.  
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Client: **Lowprofile Exploration**

P.O. Box 704  
 Houston BC V0J 1Z0 Canada

Project: Lund/Rox

Report Date: September 08, 2008

Page: 2 of 2 Part 1

CERTIFICATE OF ANALYSIS

VAN08008074.1

Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
659683	Rock	5.13	0.7	1039	813.5	885	3.8	1.4	4.1	1709	3.05	0.5	0.3	5.3	0.4	41	6.5	<0.1	<0.1	10	0.71
659684	Rock	2.96	0.4	130.0	46.8	322	0.7	1.0	4.3	1623	2.73	<0.5	0.2	<0.5	0.4	9	1.3	<0.1	<0.1	7	0.53
659685	Rock	4.58	0.8	1566	1080	1355	5.7	1.1	3.8	1701	3.15	0.8	0.3	11.3	0.4	8	12.8	<0.1	<0.1	13	0.39
659686	Rock	5.60	0.5	518.5	670.6	1138	7.8	1.5	4.2	1965	3.39	1.3	0.3	7.2	0.5	8	9.3	<0.1	<0.1	11	0.34
659687	Rock	3.27	0.5	1908	818.7	587	5.9	1.1	8.1	2417	4.14	1.1	0.2	2.1	0.4	52	3.9	<0.1	0.2	12	0.52
659688	Rock	3.58	0.8	304.8	216.6	264	1.1	1.8	5.4	1678	3.33	1.1	0.2	0.9	0.5	6	0.8	<0.1	<0.1	9	0.17
659689	Rock	5.95	0.6	401.3	274.7	913	4.6	1.5	5.3	2453	3.76	0.9	0.2	10.0	0.5	15	6.4	<0.1	<0.1	12	1.24
659690	Rock	3.17	0.4	13.8	9.5	36	<0.1	3.9	5.5	625	1.11	3.5	0.3	<0.5	2.1	143	0.1	<0.1	<0.1	9	2.34
659691	Rock Pulp	0.09	183.0	2702	47.5	297	3.0	9.4	19.4	182	3.25	25.1	6.2	134.3	9.6	44	2.2	3.4	3.1	40	0.89
659692	Rock	2.65	0.2	>10000	30.2	49	75.3	2.0	1.2	749	1.83	6.7	1.3	3.8	1.1	100	1.8	0.2	0.1	113	0.55



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**Project:** Lund/Rox

**Report Date:** September 08, 2008

**Page:** 2 of 2 **Part** 2

## CERTIFICATE OF ANALYSIS

VAN08008074.1

Method	Analyte	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
MDL		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	
659683	Rock	0.037	9	7	0.32	1995	0.009	<20	0.89	0.053	0.07	<0.1	0.04	4.2	<0.1	0.11	7	1.6
659684	Rock	0.032	7	6	0.31	260	0.006	<20	0.88	0.030	0.12	<0.1	<0.01	3.0	<0.1	<0.05	7	0.7
659685	Rock	0.037	9	9	0.33	308	0.009	<20	0.94	0.060	0.06	<0.1	0.06	3.9	<0.1	0.10	7	4.4
659686	Rock	0.042	12	10	0.36	249	0.014	<20	1.01	0.043	0.06	<0.1	0.04	5.0	<0.1	0.06	8	1.8
659687	Rock	0.037	6	6	0.44	363	0.040	<20	1.33	0.038	0.04	<0.1	0.02	4.3	<0.1	0.15	9	2.6
659688	Rock	0.037	7	5	0.30	112	0.033	<20	0.96	0.056	0.06	<0.1	<0.01	4.7	<0.1	<0.05	7	1.0
659689	Rock	0.042	8	10	0.45	217	0.015	<20	1.24	0.053	0.07	<0.1	0.02	5.2	<0.1	<0.05	10	0.9
659690	Rock	0.037	15	4	0.41	52	0.001	<20	0.50	0.018	0.20	<0.1	<0.01	0.5	<0.1	<0.05	1	0.6
659691	Rock Pulp	0.055	19	55	0.62	41	0.036	<20	1.15	0.029	0.52	3.0	0.07	4.2	0.4	1.84	4	3.3
659692	Rock	0.015	9	3	0.13	410	0.013	<20	0.62	0.003	0.15	<0.1	0.05	2.7	<0.1	0.06	4	5.2

**QUALITY CONTROL REPORT**

**VAN08008074.1**

Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
Reference Materials																					
STD DS7	Standard	21.2	101.5	62.7	414	0.9	57.5	9.8	650	2.49	53.7	4.2	50.3	3.9	69	6.1	3.9	4.0	87	0.99	
STD DS7	Standard	20.3	102.4	59.4	416	0.9	57.5	9.9	657	2.42	54.9	4.0	63.2	3.6	67	5.9	3.8	3.8	84	0.99	
STD DS7	Standard	20.3	115.1	72.0	415	0.9	53.0	9.8	659	2.46	48.4	5.0	56.7	3.6	67	6.8	3.2	3.6	83	1.00	
STD DS7	Standard	20.1	137.0	70.9	432	1.0	53.0	9.6	655	2.40	49.9	5.5	71.7	3.9	66	6.5	3.2	3.7	85	0.98	
STD DS7 Expected		20.9	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	5.9	4.5	86	0.93	
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	
Prep Wash																					
G1	Prep Blank	<0.01	0.4	2.1	2.3	46	<0.1	4.6	4.5	583	2.01	<0.5	1.8	1.3	3.2	61	<0.1	<0.1	<0.1	41	0.59
G1	Prep Blank	<0.01	0.3	1.9	2.1	48	<0.1	4.6	4.6	571	2.01	<0.5	2.1	1.0	3.3	55	<0.1	<0.1	<0.1	40	0.59



**QUALITY CONTROL REPORT**

**VAN08008074.1**

Method		1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
MDL		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
Reference Materials																		
STD DS7	Standard	0.080	12	209	1.10	432	0.121	34	1.08	0.102	0.46	3.8	0.21	2.5	4.6	0.20	5	3.4
STD DS7	Standard	0.076	11	203	1.08	440	0.119	38	1.09	0.095	0.46	3.7	0.21	2.5	4.4	0.19	5	3.9
STD DS7	Standard	0.079	12	190	1.08	423	0.114	41	1.08	0.103	0.49	3.3	0.24	2.6	4.4	0.19	5	3.0
STD DS7	Standard	0.081	12	188	1.07	398	0.115	43	1.07	0.102	0.48	6.6	0.24	2.6	4.6	0.19	5	3.6
STD DS7 Expected		0.08	13	163	1.05	370	0.124	39	0.959	0.073	0.44	3.8	0.2	2.5	4.2	0.21	5	3.5
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
Prep Wash																		
G1	Prep Blank	0.081	8	12	0.63	244	0.138	<20	1.07	0.108	0.54	<0.1	<0.01	2.0	0.4	<0.05	5	<0.5
G1	Prep Blank	0.086	7	12	0.65	238	0.135	<20	1.03	0.089	0.55	<0.1	<0.01	2.0	0.4	<0.05	5	<0.5



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Client:

**Lowprofile Exploration**

P.O. Box 704  
Houston BC V0J 1Z0 Canada

Submitted By:

Gary Thompson

Receiving Lab:

Canada-Vancouver

Received:

July 28, 2008

Report Date:

August 07, 2008

Page:

1 of 2

## CERTIFICATE OF ANALYSIS

VAN08007698.1

### CLIENT JOB INFORMATION

Project: WT/LT/ROX  
Shipment ID:  
P.O. Number 08-PX-0454  
Number of Samples: 17

### SAMPLE DISPOSAL

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

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

Invoice To: Lowprofile Exploration  
P.O. Box 704  
Houston BC V0J 1Z0  
Canada

CC: Bob Lane

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
R150	16	Crush, split and pulverize rock to 200 mesh		
1DX	17	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed

### ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.



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P.O. Box 704  
 Houston BC V0J 1Z0 Canada

Project: WT/LT/ROX

Report Date: August 07, 2008

Page: 2 of 2 Part 1

# CERTIFICATE OF ANALYSIS

VAN08007698.1

Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
829056	Rock	2.51	0.8	92.7	98.0	225	0.5	1.9	3.7	2051	2.84	<0.5	0.4	<0.5	0.9	91	0.5	0.2	0.2	10	1.08
829057	Rock	1.42	1.0	404.7	324.7	1196	10.2	0.9	4.2	2822	3.85	<0.5	0.3	9.8	0.4	6	5.1	<0.1	2.3	5	0.14
829058	Rock	1.88	0.6	47.1	39.9	508	1.1	6.4	23.4	4172	5.92	4.8	0.4	<0.5	0.6	11	0.2	0.3	<0.1	189	0.68
829059	Rock	2.11	0.4	485.2	382.9	398	1.6	1.0	6.0	2243	3.73	<0.5	0.2	2.2	0.4	4	0.9	<0.1	0.2	8	0.13
829060	Rock Pulp	0.09	203.3	2640	54.0	287	3.0	9.6	18.7	229	3.25	24.8	7.1	417.2	12.3	57	2.5	5.0	4.3	41	0.93
829061	Rock	2.04	0.6	3148	4.9	334	51.8	3.3	6.9	2859	3.25	2.1	0.3	<0.5	0.5	9	0.1	0.2	<0.1	44	0.65
659672	Rock	1.43	0.6	13.1	12.4	283	0.1	1.5	6.5	3339	3.96	1.4	0.4	2.8	1.2	7	1.7	0.1	0.3	5	0.64
659673	Rock	1.50	0.3	7787	10.8	1958	34.0	83.3	43.5	8250	7.26	3.5	0.3	3.8	0.5	22	0.2	<0.1	<0.1	319	0.45
659674	Rock	1.72	0.3	>10000	53.3	881	>100	37.0	18.4	6156	3.81	8.4	0.7	1.6	0.7	18	1.4	0.3	0.1	426	1.32
659675	Rock	2.05	0.3	>10000	2583	190	>100	3.2	5.6	580	1.61	6.0	1.0	1.2	0.6	52	1.7	0.2	0.1	126	0.39
659676	Rock	1.77	0.4	4239	92.9	112	56.6	2.1	3.4	781	1.73	3.6	0.9	<0.5	1.4	3	0.5	<0.1	<0.1	32	0.02
659677	Rock	1.89	0.4	959.3	25.5	382	5.4	2.8	36.1	2895	8.63	<0.5	0.4	<0.5	0.7	16	<0.1	<0.1	<0.1	252	0.97
659678	Rock	2.20	0.4	31.4	13.8	52	0.3	2.0	3.1	633	1.28	<0.5	0.3	0.7	0.5	66	0.2	0.2	<0.1	7	0.42
659679	Rock	2.67	0.4	25.8	5.7	220	0.1	1.8	9.6	2701	3.81	4.4	0.3	<0.5	0.5	60	<0.1	0.3	<0.1	30	0.90
659680	Rock	1.59	0.9	9.0	3.9	83	<0.1	1.0	0.7	991	1.08	<0.5	0.2	<0.5	0.8	6	0.2	<0.1	<0.1	<2	0.51
659681	Rock	1.54	0.4	26.2	3.8	86	0.1	1.0	2.3	1475	2.43	0.9	0.3	<0.5	1.0	10	<0.1	0.2	<0.1	5	1.39
659682	Rock	2.34	0.3	2435	74.0	93	0.9	165.4	64.7	3395	4.74	1.4	0.2	2.7	0.5	55	0.1	<0.1	0.3	95	15.67



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 Houston BC V0J 1Z0 Canada

Project: WT/LT/ROX

Report Date: August 07, 2008

Page: 2 of 2 Part 2

# CERTIFICATE OF ANALYSIS

VAN08007698.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	
829056	Rock	0.039	10	6	0.28	2089	0.015	<20	0.43	0.042	0.12	<0.1	<0.01	4.4	<0.1	<0.05	4	<0.5
829057	Rock	0.018	7	3	0.39	215	0.007	<20	1.54	0.042	0.15	<0.1	0.05	4.6	<0.1	<0.05	12	1.3
829058	Rock	0.061	3	7	1.85	73	0.346	<20	1.92	0.041	0.04	0.1	<0.01	8.1	<0.1	<0.05	13	<0.5
829059	Rock	0.040	9	4	0.42	137	0.006	<20	1.31	0.038	0.09	<0.1	<0.01	4.2	<0.1	<0.05	10	0.8
829060	Rock Pulp	0.053	21	56	0.65	68	0.044	<20	1.18	0.029	0.52	3.2	0.07	4.1	0.4	2.02	4	3.5
829061	Rock	0.067	8	9	0.83	102	0.047	<20	1.05	0.050	0.06	<0.1	<0.01	7.0	<0.1	<0.05	10	<0.5
659672	Rock	0.249	9	<1	0.96	232	0.005	<20	2.22	0.023	0.34	<0.1	0.03	4.6	0.2	0.58	6	0.7
659673	Rock	0.061	4	126	5.25	178	0.105	<20	4.24	0.053	0.05	<0.1	0.03	17.2	<0.1	0.06	25	1.2
659674	Rock	0.051	6	54	2.51	102	0.245	<20	2.61	0.012	0.06	0.2	0.20	9.5	<0.1	0.44	21	3.1
659675	Rock	0.033	5	10	0.24	179	0.166	<20	0.64	0.034	0.06	0.1	0.03	6.4	<0.1	0.31	4	5.2
659676	Rock	0.011	2	5	0.02	41	0.002	<20	0.20	0.005	0.15	<0.1	<0.01	3.6	<0.1	<0.05	<1	0.9
659677	Rock	0.083	5	<1	2.06	103	0.027	<20	1.90	0.037	0.05	<0.1	0.01	14.9	<0.1	<0.05	17	<0.5
659678	Rock	0.021	2	5	0.22	47	0.068	<20	0.85	0.029	0.13	0.1	<0.01	1.8	<0.1	<0.05	3	<0.5
659679	Rock	0.136	3	9	1.18	59	0.305	<20	2.02	0.023	0.04	0.2	<0.01	5.1	<0.1	<0.05	9	<0.5
659680	Rock	0.009	11	3	0.09	73	0.002	<20	0.51	0.043	0.16	<0.1	<0.01	1.0	<0.1	<0.05	3	<0.5
659681	Rock	0.051	6	2	0.19	148	0.132	<20	0.68	0.034	0.19	0.2	<0.01	5.7	<0.1	<0.05	4	<0.5
659682	Rock	0.034	4	135	1.54	25	0.133	<20	2.15	0.027	0.13	<0.1	<0.01	11.9	<0.1	<0.05	6	<0.5

**QUALITY CONTROL REPORT**

**VAN08007698.1**

Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
Reference Materials																					
STD DS7	Standard	20.4	112.7	81.6	395	0.8	54.0	9.6	641	2.34	55.7	5.9	52.7	4.6	78	6.1	5.1	5.1	86	0.92	
STD DS7 Expected		20.9	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	5.9	4.5	86	0.93	
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	
Prep Wash																					
G1	Prep Blank	<0.01	0.6	2.3	3.1	41	<0.1	4.3	4.3	538	1.79	<0.5	2.7	<0.5	3.2	58	<0.1	<0.1	<0.1	37	0.45
G1	Prep Blank	<0.01	0.9	3.4	2.9	43	<0.1	4.8	4.4	538	1.93	<0.5	3.0	<0.5	3.7	60	<0.1	<0.1	<0.1	39	0.47

**Client:** Lowprofile Exploration

P.O. Box 704  
 Houston BC V0J 1Z0 Canada

**Project:** WT/LT/ROX

**Report Date:** August 07, 2008

**Page:** 1 of 1 Part 2

QUALITY CONTROL REPORT

VAN08007698.1

Method		1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
MDL		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
Reference Materials																		
STD DS7	Standard	0.078	12	194	1.04	392	0.131	34	0.98	0.079	0.44	3.6	0.20	2.2	4.5	0.19	5	3.7
STD DS7 Expected		0.08	13	163	1.05	370	0.124	39	0.959	0.073	0.44	3.8	0.2	2.5	4.2	0.21	5	3.5
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
Prep Wash																		
G1	Prep Blank	0.079	5	8	0.60	232	0.142	<20	0.93	0.068	0.51	0.2	<0.01	1.5	0.4	<0.05	6	<0.5
G1	Prep Blank	0.077	7	10	0.58	227	0.144	<20	0.95	0.077	0.52	0.1	<0.01	1.7	0.4	<0.05	6	<0.5



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**Client:** **Lowprofile Exploration**

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Submitted By: Gary Thompson  
Receiving Lab: Canada-Smithers  
Received: August 28, 2008  
Report Date: September 08, 2008  
Page: 1 of 3

## CERTIFICATE OF ANALYSIS

SMI08000836.1

### CLIENT JOB INFORMATION

Project: Rox  
Shipment ID:  
P.O. Number  
Number of Samples: 60

### SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days  
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

Invoice To: Lowprofile Exploration  
P.O. Box 704  
Houston BC V0J 1Z0  
Canada

CC: Bob Lane

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
SS80	60	Dry at 60C sieve 100g to -80 mesh		
Dry at 60C	60	Dry at 60C		
1DX	60	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed
DIS-RJT	60	Warehouse handling / Disposition of reject		

### ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.



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Client: **Lowprofile Exploration**

P.O. Box 704  
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Project: Rox

Report Date: September 08, 2008

Page: 2 of 3 Part 1

CERTIFICATE OF ANALYSIS

SMI08000836.1

Method	Analyte	1DX Mo	1DX Cu	1DX Pb	1DX Zn	1DX Ag	1DX Ni	1DX Co	1DX Mn	1DX Fe	1DX As	1DX U	1DX Au	1DX Th	1DX Sr	1DX Cd	1DX Sb	1DX Bi	1DX V	1DX Ca	1DX P
Unit	MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
RDLS001	Soil	1.1	41.3	12.7	212	0.2	24.6	12.3	352	3.42	7.2	0.2	<0.5	0.6	8	0.4	0.3	0.1	79	0.14	0.046
RDLS002	Soil	0.3	14.5	8.7	123	0.1	14.7	8.9	458	2.38	3.8	0.2	0.6	0.4	14	0.2	0.2	0.1	53	0.37	0.024
RDLS003	Soil	1.0	14.6	9.5	90	<0.1	12.0	5.6	175	3.82	9.1	0.2	<0.5	0.8	3	<0.1	1.1	0.1	79	0.05	0.121
RDLS004	Soil	0.5	21.7	8.7	56	0.2	13.9	7.3	217	2.35	5.7	0.2	<0.5	0.7	6	<0.1	0.3	<0.1	52	0.09	0.064
RDLS005	Soil	0.7	30.0	9.8	79	0.1	19.5	10.3	289	2.96	7.7	0.3	0.7	0.7	12	0.1	0.4	0.1	68	0.25	0.038
RDLS006	Soil	0.7	26.2	9.5	85	0.3	20.3	11.9	289	2.75	6.1	0.2	<0.5	0.5	12	0.3	0.3	0.1	60	0.34	0.050
RDLS007	Soil	0.6	16.5	9.2	73	<0.1	17.0	8.4	359	2.65	6.4	0.2	<0.5	0.6	8	0.2	0.2	0.1	67	0.14	0.062
RDLS008	Soil	0.8	21.4	8.1	87	<0.1	19.7	11.1	348	2.75	6.8	0.3	<0.5	1.1	9	0.1	0.3	0.1	61	0.13	0.037
RDLS009	Soil	0.9	15.8	7.7	77	0.1	13.6	8.1	224	2.66	6.4	0.2	0.8	0.7	9	0.1	0.3	0.1	61	0.13	0.051
RDLS010	Soil	0.7	22.4	9.8	113	0.1	17.7	7.8	207	3.22	6.9	0.3	<0.5	0.7	15	0.3	0.3	0.1	80	0.26	0.041
RDLS011	Soil	0.9	14.0	12.8	114	0.2	12.2	6.7	300	4.23	12.2	0.2	1.7	0.9	6	0.2	0.4	0.2	86	0.10	0.204
RDLS012	Soil	0.7	25.3	9.5	85	<0.1	19.4	8.1	281	2.84	8.9	0.2	1.2	1.0	8	<0.1	0.3	0.1	60	0.11	0.028
RDLS013	Soil	0.5	12.6	6.9	68	<0.1	13.1	6.0	272	1.74	5.2	0.3	<0.5	0.3	11	0.2	0.3	0.1	41	0.22	0.037
RDLS014	Soil	0.6	17.7	7.4	119	<0.1	16.3	6.8	212	2.55	4.9	0.2	<0.5	0.8	4	0.1	0.3	0.1	51	0.07	0.106
RDLS015	Soil	0.7	18.3	8.8	115	<0.1	13.9	6.9	316	3.04	10.3	0.2	<0.5	0.7	6	0.1	0.5	0.1	57	0.13	0.081
RDLS016	Soil	0.7	18.9	9.5	66	0.1	10.8	5.2	246	2.61	7.8	0.3	<0.5	0.6	10	0.2	0.4	0.1	60	0.15	0.044
RDLS017	Soil	0.8	20.4	9.2	143	0.2	17.8	9.4	816	3.15	10.3	0.3	<0.5	1.2	7	0.2	0.3	0.2	63	0.10	0.223
RDLS018	Soil	1.2	9.0	6.3	87	<0.1	7.0	3.9	217	2.63	7.3	0.2	0.7	0.4	6	0.3	0.3	0.1	59	0.09	0.036
RDLS019	Soil	1.3	16.7	9.1	91	0.1	14.3	6.8	246	3.74	12.0	0.2	<0.5	0.7	10	0.2	0.5	0.2	78	0.13	0.047
RDLS020	Soil	1.0	11.7	10.6	55	0.1	10.1	4.3	159	3.34	9.0	0.2	<0.5	0.6	5	0.2	0.4	0.1	76	0.07	0.043
RDLS021	Soil	0.6	13.4	6.2	110	<0.1	15.1	6.0	242	2.35	5.4	0.2	<0.5	0.5	10	0.2	0.2	0.1	48	0.15	0.075
RDLS022	Soil	1.3	21.6	9.7	145	0.7	20.2	7.9	253	3.30	9.5	0.2	<0.5	0.7	9	0.2	0.3	0.2	69	0.14	0.047
RDLS023	Soil	0.9	18.4	9.3	91	<0.1	16.6	6.5	230	3.36	8.3	0.3	<0.5	0.6	13	0.3	0.3	0.1	58	0.16	0.055
RDLS024	Soil	0.6	8.5	6.9	92	0.1	8.7	5.7	600	1.79	4.1	0.2	<0.5	0.7	4	0.2	0.2	0.1	37	0.07	0.098
RDLS025	Soil	1.5	20.8	9.1	109	0.2	17.8	7.1	339	2.70	7.5	0.2	<0.5	0.9	7	0.1	0.2	0.1	56	0.10	0.095
RDLS026	Soil	0.6	18.7	6.9	122	<0.1	18.3	8.7	294	2.86	7.2	0.2	<0.5	0.7	7	0.2	0.3	<0.1	58	0.12	0.069
RDLS027	Soil	0.4	9.7	6.1	53	<0.1	13.3	6.2	176	1.72	2.8	0.1	<0.5	0.4	12	<0.1	<0.1	<0.1	41	0.17	0.014
RDLS028	Soil	0.8	18.3	9.5	65	<0.1	13.6	6.0	202	2.69	8.2	0.2	<0.5	1.0	8	<0.1	0.4	0.1	53	0.09	0.066
RDLS029	Soil	1.5	20.6	12.7	101	0.2	17.4	10.1	363	2.95	10.5	0.5	0.6	0.7	12	0.1	0.5	0.2	57	0.24	0.040
RDLS030	Soil	0.8	15.6	9.5	93	<0.1	12.1	5.9	198	3.06	8.0	0.3	<0.5	0.6	13	0.1	0.4	0.2	69	0.24	0.047

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Project: Rox

Report Date: September 08, 2008

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CERTIFICATE OF ANALYSIS

SMI08000836.1

Method	Analyte	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	TI	S	Ga	Se
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
MDL		1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	
RDLS001	Soil	3	35	0.57	69	0.055	<20	2.65	0.007	0.05	<0.1	0.04	4.2	<0.1	<0.05	7	<0.5
RDLS002	Soil	5	25	0.52	69	0.042	<20	1.35	0.009	0.03	<0.1	0.02	3.5	<0.1	<0.05	4	<0.5
RDLS003	Soil	3	29	0.25	49	0.026	<20	1.96	0.006	0.03	0.2	0.11	2.7	<0.1	<0.05	7	<0.5
RDLS004	Soil	4	22	0.39	80	0.026	<20	1.74	0.008	0.03	<0.1	0.05	3.4	<0.1	<0.05	5	0.6
RDLS005	Soil	5	31	0.59	124	0.036	<20	2.21	0.008	0.03	0.1	0.03	4.6	<0.1	<0.05	6	0.6
RDLS006	Soil	3	29	0.60	83	0.038	<20	2.15	0.007	0.03	0.1	0.04	3.7	<0.1	<0.05	5	<0.5
RDLS007	Soil	3	30	0.55	62	0.043	<20	1.89	0.009	0.03	<0.1	0.03	3.3	<0.1	0.06	5	<0.5
RDLS008	Soil	4	28	0.54	79	0.046	<20	2.28	0.012	0.04	0.1	0.05	3.4	<0.1	<0.05	5	<0.5
RDLS009	Soil	5	23	0.38	68	0.037	<20	1.86	0.010	0.03	0.1	0.04	3.4	<0.1	<0.05	5	<0.5
RDLS010	Soil	4	31	0.46	81	0.030	<20	2.07	0.011	0.03	<0.1	0.03	3.7	<0.1	<0.05	7	<0.5
RDLS011	Soil	4	27	0.36	64	0.018	<20	2.41	0.006	0.04	0.1	0.04	3.1	<0.1	<0.05	7	<0.5
RDLS012	Soil	4	27	0.50	102	0.019	<20	2.25	0.007	0.05	<0.1	0.05	3.3	0.1	<0.05	5	<0.5
RDLS013	Soil	5	21	0.50	112	0.019	<20	1.21	0.009	0.03	<0.1	0.02	2.6	<0.1	<0.05	4	<0.5
RDLS014	Soil	3	29	0.45	76	0.022	<20	2.50	0.006	0.03	0.2	0.06	2.9	<0.1	<0.05	6	<0.5
RDLS015	Soil	5	22	0.41	71	0.012	<20	1.55	0.004	0.04	0.2	0.03	2.7	<0.1	<0.05	4	<0.5
RDLS016	Soil	4	23	0.38	55	0.029	<20	1.39	0.010	0.03	0.1	0.03	3.1	<0.1	<0.05	5	<0.5
RDLS017	Soil	4	31	0.53	85	0.041	<20	3.15	0.014	0.04	0.1	0.04	4.2	0.1	<0.05	6	<0.5
RDLS018	Soil	5	19	0.24	66	0.020	<20	1.36	0.007	0.03	0.1	0.03	1.8	<0.1	<0.05	5	<0.5
RDLS019	Soil	4	31	0.47	80	0.027	<20	1.90	0.007	0.03	0.1	0.05	3.2	<0.1	<0.05	7	<0.5
RDLS020	Soil	4	25	0.32	48	0.028	<20	1.44	0.006	0.02	0.2	0.04	2.1	<0.1	<0.05	6	<0.5
RDLS021	Soil	5	23	0.52	69	0.016	<20	1.51	0.011	0.03	0.1	0.01	2.5	<0.1	<0.05	5	<0.5
RDLS022	Soil	4	32	0.58	105	0.026	<20	2.54	0.008	0.03	0.2	0.10	3.6	<0.1	<0.05	8	<0.5
RDLS023	Soil	3	32	0.45	79	0.026	<20	2.36	0.008	0.03	0.1	0.07	3.1	<0.1	0.06	6	<0.5
RDLS024	Soil	3	17	0.28	42	0.019	<20	1.61	0.008	0.02	<0.1	0.03	2.0	<0.1	<0.05	4	<0.5
RDLS025	Soil	4	27	0.49	85	0.018	<20	2.65	0.009	0.05	0.1	0.04	3.3	<0.1	<0.05	7	<0.5
RDLS026	Soil	3	25	0.53	77	0.041	<20	2.22	0.007	0.04	0.1	0.04	3.7	<0.1	<0.05	6	<0.5
RDLS027	Soil	4	21	0.51	101	0.015	<20	1.44	0.009	0.02	<0.1	0.02	2.2	<0.1	<0.05	5	<0.5
RDLS028	Soil	4	23	0.40	90	0.025	<20	2.36	0.008	0.04	0.1	0.04	2.7	<0.1	<0.05	5	<0.5
RDLS029	Soil	6	28	0.51	95	0.021	<20	2.26	0.009	0.04	0.2	0.05	3.8	<0.1	<0.05	5	<0.5
RDLS030	Soil	6	23	0.35	104	0.016	<20	1.88	0.006	0.05	<0.1	0.03	3.2	<0.1	<0.05	6	<0.5

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Project: Rox

Report Date: September 08, 2008

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CERTIFICATE OF ANALYSIS

SMI08000836.1

Method	Analyte	Unit	MDL	1DX Mo	1DX Cu	1DX Pb	1DX Zn	1DX Ag	1DX Ni	1DX Co	1DX Mn	1DX Fe	1DX As	1DX U	1DX Au	1DX Th	1DX Sr	1DX Cd	1DX Sb	1DX Bi	1DX V	1DX Ca	1DX P
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
				0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
RDLS031	Soil			0.9	14.7	8.8	88	0.1	13.6	6.6	411	3.45	8.3	0.2	<0.5	0.7	7	0.2	0.3	0.1	62	0.12	0.118
RDLS032	Soil			0.7	11.1	19.9	154	0.1	13.4	8.2	523	2.43	10.8	0.3	<0.5	1.0	6	0.5	0.4	0.2	46	0.08	0.078
RDLS033	Soil			0.8	11.5	9.0	79	0.2	11.7	5.5	222	2.96	7.2	0.2	<0.5	0.7	7	0.2	0.4	0.1	55	0.11	0.042
RDLS034	Soil			1.1	10.0	14.6	155	0.2	11.3	7.3	281	2.88	11.5	0.3	<0.5	0.8	7	0.5	0.3	0.2	46	0.11	0.063
RDLS035	Soil			1.0	16.2	8.9	72	0.1	12.1	6.9	519	3.22	7.9	0.2	1.8	0.4	14	0.2	0.4	0.2	61	0.19	0.049
RDLS036	Soil			0.8	13.5	8.3	118	<0.1	13.1	6.2	280	3.06	4.6	0.4	<0.5	1.5	13	0.2	0.2	0.1	57	0.20	0.074
RDLS037	Soil			1.0	10.9	16.9	96	0.1	10.7	4.8	276	3.38	19.1	0.2	<0.5	0.8	6	<0.1	0.4	0.2	63	0.10	0.097
RDLS038	Soil			0.7	11.3	14.2	102	<0.1	11.8	6.6	255	2.78	7.4	0.3	<0.5	0.9	6	0.2	0.3	0.2	52	0.09	0.035
RDLS039	Soil			0.8	13.7	9.5	97	<0.1	12.9	6.1	271	2.71	6.9	0.2	<0.5	0.4	11	0.1	0.3	0.1	61	0.23	0.023
RDLS040	Soil			1.0	16.6	10.2	94	<0.1	14.6	7.5	487	3.20	8.2	0.2	<0.5	0.7	8	0.2	0.4	0.2	72	0.14	0.032
RDLS041	Soil			0.9	16.6	7.7	62	<0.1	15.0	6.9	252	2.70	6.6	0.2	<0.5	0.8	8	0.1	0.4	0.1	54	0.14	0.024
RDLS042	Soil			0.7	14.7	8.3	80	0.2	14.4	6.2	231	2.72	7.0	0.2	<0.5	0.5	6	0.2	0.4	0.1	53	0.09	0.085
RDLS043	Soil			0.6	13.0	11.6	103	<0.1	12.1	6.4	235	2.23	9.0	0.3	1.5	0.9	7	0.1	0.3	0.2	48	0.11	0.045
RDLS044	Soil			0.9	27.8	9.6	108	0.2	18.5	9.7	253	3.32	9.4	0.2	1.5	0.5	7	0.3	0.3	0.2	67	0.11	0.069
RDLS045	Soil			0.6	22.8	8.8	87	<0.1	20.2	10.7	309	3.11	8.9	0.2	1.3	0.8	7	0.1	0.4	0.2	74	0.15	0.061
RDLS046	Soil			0.7	19.9	8.6	103	0.1	18.3	9.3	322	2.59	7.6	0.3	0.7	0.5	14	0.2	0.3	0.2	61	0.23	0.047
RDLS047	Soil			0.8	13.8	10.3	84	<0.1	13.9	8.8	463	2.66	7.5	0.2	0.8	0.7	6	0.2	0.4	0.2	66	0.11	0.037
RDLS048	Soil			1.4	17.8	9.3	125	0.1	18.3	9.9	352	3.70	9.3	0.3	2.6	0.7	12	0.3	0.4	0.2	89	0.23	0.045
RDLS049	Soil			1.0	17.4	10.8	105	<0.1	13.9	7.6	247	3.64	11.7	0.2	0.9	0.8	10	0.2	0.4	0.2	75	0.13	0.078
RDLS050	Soil			0.7	19.0	9.7	110	0.1	18.7	9.5	217	3.17	10.0	0.7	0.6	2.8	8	0.1	0.3	0.2	58	0.07	0.104
RDLS051	Soil			0.9	15.2	7.4	130	<0.1	19.9	8.8	271	3.13	6.2	0.3	0.5	0.9	12	0.1	0.2	0.2	69	0.17	0.058
RDLS052	Soil			0.9	18.4	8.9	131	<0.1	19.4	9.2	235	3.23	9.5	0.2	1.1	0.9	10	0.2	0.3	0.2	62	0.12	0.112
RDLS053	Soil			0.9	13.5	6.8	117	<0.1	10.9	7.9	332	3.03	7.7	0.2	0.8	0.7	6	0.2	0.3	0.1	58	0.10	0.108
RDLS054	Soil			0.8	11.0	6.6	62	<0.1	11.9	7.6	210	2.66	8.3	0.2	0.6	0.7	6	<0.1	0.3	0.1	57	0.07	0.060
RDLS055	Soil			0.5	7.2	5.5	50	<0.1	8.5	4.5	169	1.88	3.9	0.1	<0.5	0.5	9	<0.1	0.2	<0.1	48	0.13	0.024
RDLS056	Soil			0.7	16.8	8.5	46	<0.1	13.1	6.6	217	2.01	5.1	0.2	1.0	0.4	10	0.1	0.2	0.2	50	0.13	0.033
RDLS057	Soil			0.8	11.9	12.8	121	<0.1	13.7	6.8	222	2.79	8.1	0.1	0.7	0.5	10	0.1	0.3	0.1	70	0.14	0.046
RDLS058	Soil			0.8	17.2	7.8	73	0.1	18.1	8.0	360	2.48	8.2	0.3	<0.5	0.7	11	0.1	0.2	0.1	59	0.14	0.043
ROX-1	Soil			1.1	51.4	13.4	188	0.3	31.9	14.1	988	4.45	10.2	0.4	0.8	0.5	12	0.5	0.3	0.2	97	0.19	0.081
ROX-2	Soil			1.1	34.2	9.2	115	<0.1	24.2	10.9	730	3.52	10.0	0.3	0.6	0.6	10	0.4	0.4	0.2	74	0.17	0.173

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CERTIFICATE OF ANALYSIS

SMI08000836.1

Method	Analyte	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
MDL		1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	
RDLS031	Soil	4	24	0.44	48	0.032	<20	1.92	0.006	0.04	0.1	0.05	2.9	<0.1	0.06	6	<0.5
RDLS032	Soil	5	20	0.36	58	0.020	<20	2.14	0.005	0.04	<0.1	0.06	2.2	<0.1	<0.05	4	<0.5
RDLS033	Soil	5	21	0.36	70	0.019	<20	1.95	0.005	0.03	0.1	0.04	2.5	<0.1	<0.05	5	<0.5
RDLS034	Soil	4	20	0.29	68	0.014	<20	2.23	0.008	0.04	<0.1	0.04	1.9	<0.1	<0.05	4	<0.5
RDLS035	Soil	4	25	0.48	89	0.025	<20	1.55	0.009	0.03	0.1	0.04	2.7	<0.1	<0.05	5	0.6
RDLS036	Soil	4	22	0.46	71	0.032	<20	2.02	0.008	0.04	0.1	0.03	2.9	<0.1	<0.05	7	<0.5
RDLS037	Soil	4	23	0.35	49	0.020	<20	2.01	0.006	0.03	0.1	0.06	2.4	<0.1	<0.05	7	<0.5
RDLS038	Soil	5	19	0.38	69	0.026	<20	1.83	0.005	0.03	<0.1	0.02	2.8	<0.1	<0.05	6	<0.5
RDLS039	Soil	5	23	0.56	73	0.023	<20	1.65	0.011	0.04	0.1	<0.01	3.0	<0.1	0.05	6	<0.5
RDLS040	Soil	3	29	0.44	77	0.025	<20	1.59	0.008	0.04	<0.1	0.02	2.7	<0.1	<0.05	6	<0.5
RDLS041	Soil	4	24	0.49	51	0.034	<20	1.58	0.005	0.03	0.1	0.03	2.6	<0.1	<0.05	5	<0.5
RDLS042	Soil	3	25	0.47	54	0.028	<20	1.70	0.005	0.03	0.1	0.04	2.3	<0.1	<0.05	5	<0.5
RDLS043	Soil	5	19	0.40	66	0.018	<20	1.55	0.007	0.03	<0.1	0.03	2.8	<0.1	<0.05	5	<0.5
RDLS044	Soil	3	32	0.50	73	0.029	<20	2.34	0.008	0.03	0.1	0.04	3.4	<0.1	<0.05	5	0.6
RDLS045	Soil	4	33	0.64	69	0.042	<20	1.82	0.010	0.04	<0.1	0.02	3.8	<0.1	<0.05	5	<0.5
RDLS046	Soil	7	29	0.56	119	0.031	<20	1.86	0.012	0.04	0.1	0.03	4.0	<0.1	<0.05	6	0.7
RDLS047	Soil	4	24	0.42	59	0.033	<20	1.48	0.007	0.04	<0.1	0.02	2.9	<0.1	<0.05	5	<0.5
RDLS048	Soil	5	32	0.54	105	0.061	<20	1.97	0.011	0.03	<0.1	0.03	3.5	<0.1	<0.05	8	0.7
RDLS049	Soil	4	27	0.40	60	0.040	<20	2.15	0.010	0.03	0.1	0.04	3.2	<0.1	<0.05	6	0.6
RDLS050	Soil	7	24	0.31	150	0.016	<20	2.80	0.008	0.05	<0.1	0.04	2.9	<0.1	<0.05	6	0.7
RDLS051	Soil	5	29	0.60	115	0.029	<20	2.52	0.011	0.04	<0.1	0.03	4.0	<0.1	<0.05	8	0.7
RDLS052	Soil	4	26	0.43	89	0.033	<20	2.82	0.009	0.03	0.1	0.04	3.6	<0.1	<0.05	6	0.6
RDLS053	Soil	4	21	0.33	58	0.038	<20	2.09	0.009	0.03	0.1	0.05	3.0	<0.1	<0.05	5	0.6
RDLS054	Soil	3	19	0.31	78	0.026	<20	1.81	0.008	0.03	<0.1	0.02	2.4	<0.1	<0.05	5	<0.5
RDLS055	Soil	3	15	0.34	58	0.022	<20	1.08	0.008	0.03	<0.1	0.01	2.2	<0.1	<0.05	4	<0.5
RDLS056	Soil	4	23	0.35	72	0.026	<20	1.41	0.007	0.02	<0.1	0.03	2.6	<0.1	<0.05	5	<0.5
RDLS057	Soil	4	28	0.44	76	0.023	<20	1.67	0.009	0.02	<0.1	0.02	2.6	<0.1	<0.05	6	0.5
RDLS058	Soil	5	26	0.51	89	0.025	<20	1.47	0.010	0.04	<0.1	0.02	2.9	<0.1	<0.05	6	<0.5
ROX-1	Soil	4	59	0.97	107	0.018	<20	3.24	0.008	0.06	0.1	0.05	4.7	<0.1	0.05	9	<0.5
ROX-2	Soil	4	37	0.76	108	0.025	<20	2.74	0.009	0.05	0.1	0.06	4.1	<0.1	<0.05	7	<0.5

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

**QUALITY CONTROL REPORT**

**SMI08000836.1**

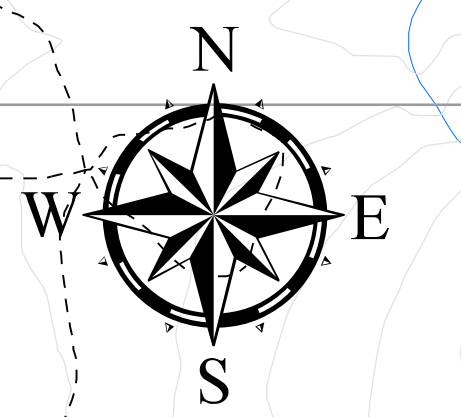
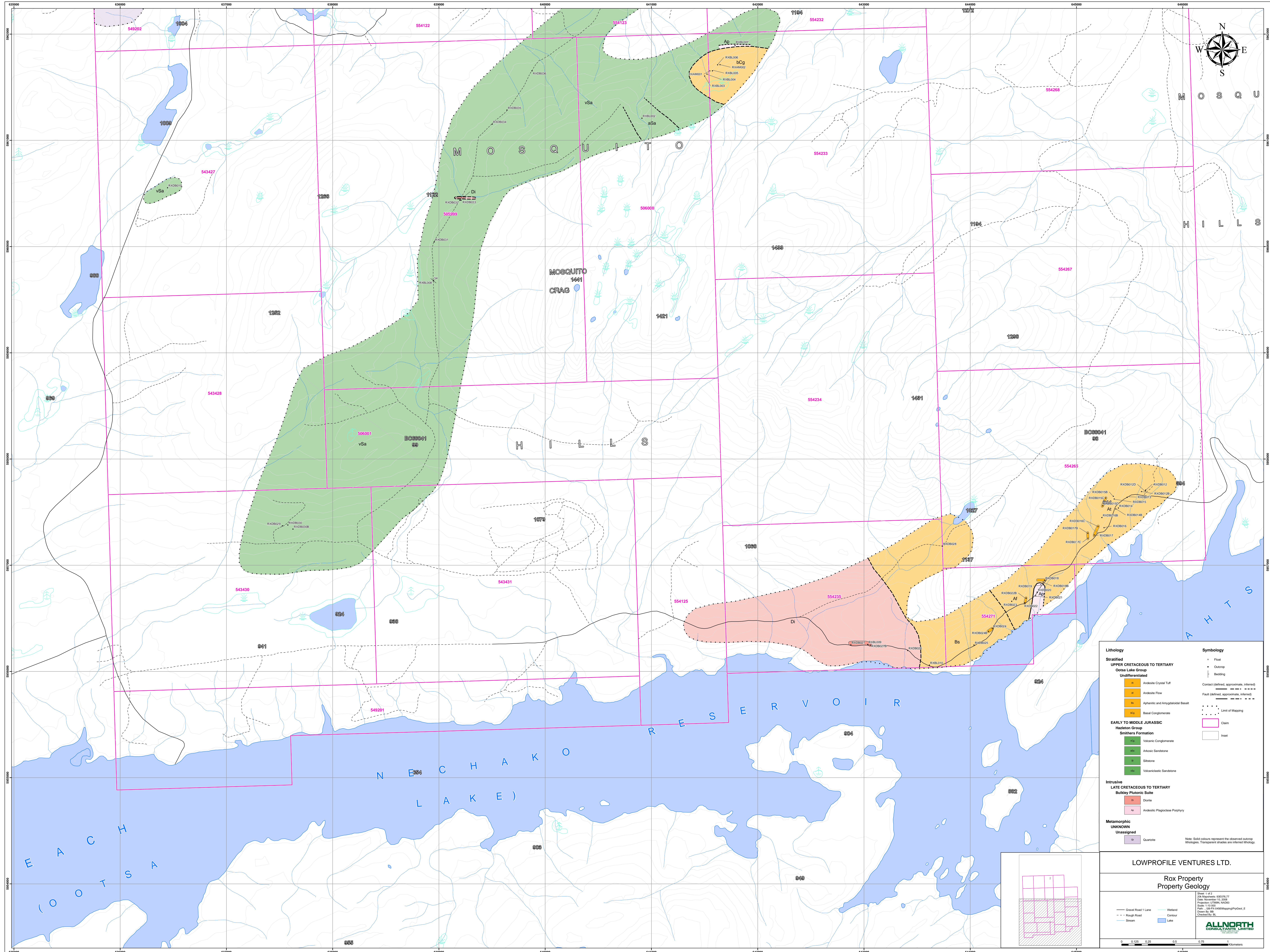
Method	Analyte	Unit	MDL	1DX Mo	1DX Cu	1DX Pb	1DX Zn	1DX Ag	1DX Ni	1DX Co	1DX Mn	1DX Fe	1DX As	1DX U	1DX Au	1DX Th	1DX Sr	1DX Cd	1DX Sb	1DX Bi	1DX V	1DX Ca	1DX P
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
				0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																							
RDLS034	Soil			1.1	10.0	14.6	155	0.2	11.3	7.3	281	2.88	11.5	0.3	<0.5	0.8	7	0.5	0.3	0.2	46	0.11	0.063
REP RDLS034	QC			1.1	10.2	14.1	166	0.2	12.1	7.9	295	3.02	12.2	0.3	<0.5	0.9	8	0.5	0.4	0.2	51	0.13	0.065
ROX-1	Soil			1.1	51.4	13.4	188	0.3	31.9	14.1	988	4.45	10.2	0.4	0.8	0.5	12	0.5	0.3	0.2	97	0.19	0.081
REP ROX-1	QC			1.1	61.6	13.2	192	0.3	32.5	14.6	974	4.59	10.6	0.4	1.1	0.5	13	0.5	0.3	0.2	98	0.19	0.077
Reference Materials																							
STD DS7	Standard			18.2	117.1	63.4	371	0.7	51.9	9.6	610	2.31	52.4	4.1	54.0	3.6	60	6.6	5.6	4.0	84	0.78	0.076
STD DS7	Standard			18.0	105.9	65.6	375	0.9	49.7	9.3	603	2.27	45.2	4.5	50.3	3.6	57	6.6	5.5	4.2	79	0.77	0.072
STD DS7	Standard			18.6	108.8	63.1	383	0.9	55.1	9.0	659	2.35	50.5	4.2	246.1	3.3	66	5.7	5.2	4.1	86	0.83	0.074
STD DS7	Standard			16.9	100.2	62.1	368	0.8	46.4	8.0	574	2.11	47.9	4.0	58.1	3.4	63	5.4	5.2	3.8	74	0.77	0.066
STD DS7	Standard			19.8	106.4	69.7	400	0.8	57.8	9.9	672	2.50	50.9	4.7	71.9	4.0	66	6.2	5.1	4.4	85	0.86	0.077
STD DS7	Standard			19.1	103.4	64.8	382	0.8	53.4	9.6	646	2.37	48.6	4.4	50.8	4.5	61	6.0	5.0	4.2	81	0.80	0.074
STD DS7 Expected				20.9	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	5.9	4.5	86	0.93	0.08
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

**QUALITY CONTROL REPORT**

**SMI08000836.1**

Method	Analyte	Unit	MDL	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm
Pulp Duplicates																			
	Soil			4	20	0.29	68	0.014	<20	2.23	0.008	0.04	<0.1	0.04	1.9	<0.1	<0.05	4	<0.5
	QC			5	22	0.31	69	0.019	<20	2.30	0.006	0.04	<0.1	0.05	2.3	<0.1	<0.05	5	<0.5
	Soil			4	59	0.97	107	0.018	<20	3.24	0.008	0.06	0.1	0.05	4.7	<0.1	0.05	9	<0.5
	QC			4	59	0.98	108	0.017	<20	3.19	0.009	0.06	0.1	0.03	4.9	<0.1	<0.05	9	0.5
Reference Materials																			
STD DS7	Standard			11	133	1.01	372	0.118	38	0.93	0.080	0.47	3.8	0.17	2.5	3.8	0.14	5	3.8
STD DS7	Standard			10	130	0.99	379	0.119	39	0.93	0.078	0.49	3.8	0.18	2.2	4.0	0.15	5	3.5
STD DS7	Standard			10	158	1.03	405	0.123	34	0.98	0.078	0.51	3.8	0.19	2.3	4.4	0.20	5	3.6
STD DS7	Standard			10	137	0.99	392	0.105	27	0.91	0.073	0.48	3.9	0.19	2.0	4.2	0.19	5	3.2
STD DS7	Standard			11	160	1.10	421	0.118	42	1.04	0.084	0.51	3.5	0.20	3.0	4.3	0.17	5	3.8
STD DS7	Standard			10	151	1.04	401	0.111	41	0.98	0.083	0.48	4.1	0.19	2.6	4.2	0.16	5	3.5
STD DS7	Expected			13	163	1.05	370	0.124	39	0.959	0.073	0.44	3.8	0.2	2.5	4.2	0.21	5	3.5
BLK	Blank			<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank			<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank			<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5





Lithology		Symbology	
<b>Stratified</b>			
<b>UPPER CRETACEOUS TO TERTIARY</b>			
<b>Ootsa Lake Group</b>			
Undifferentiated			
[Orange]	Andesite Crystal Tuff	[X]	Fault
[Light Orange]	Andesite Flow	[Dashed]	Outcrop
[Yellow-Orange]	Aphanitic and Amygdaloidal Basalt	[Dotted]	Beeding
[Light Yellow]	Basalt Conglomerate	[Dotted]	Contact (defined, approximate, inferred)
<b>EARLY TO MIDDLE JURASSIC</b>			
<b>Hazleton Group</b>			
<b>Smithers Formation</b>			
[Green]	Volcanic Conglomerate	[Dotted]	Limit of Mapping
[Light Green]	Aphanic Sandstone	[Pink]	Claim
[Light Green]	Siltstone	[White]	Inset
[Dark Green]	Volcaniclastic Sandstone		
<b>Intrusive</b>			
<b>LATE CRETACEOUS TO TERTIARY</b>			
<b>Bulkley Plutonic Suite</b>			
[Red]	Diorite		
[Pink]	Andesitic Plagioclase Porphyry		
<b>Metamorphic</b>			
<b>UNKNOWN</b>			
[Grey]	Quartzite		

Note: Solid colours represent the observed outcrop lithologies. Transparent shades are inferred lithology.

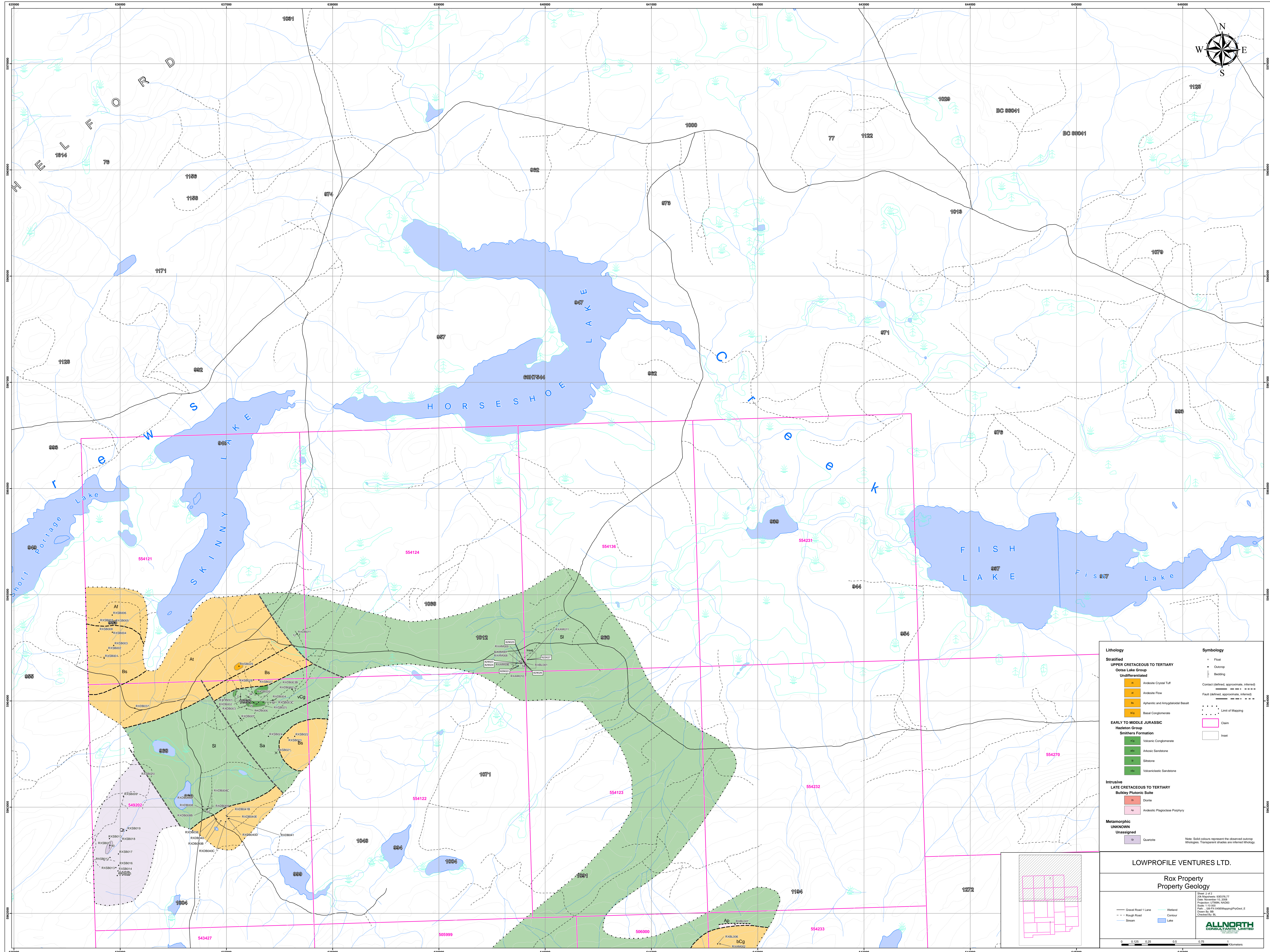
**LOWPROFILE VENTURES LTD.**

**Rox Property  
Property Geology**

Sheet 1 of 2  
 File Name: 20231117  
 Date: November 10, 2023  
 Project: CRMA 14000  
 Scale: 1:10,000  
 Drawn by: J. G. G. Mapping/PhD/E  
 Checked by: J. G.  
 Drawn by: J. G.

**ALLNORTH CONSULTANTS LIMITED**





Lithology	Symbology
<b>Stratified</b>	
<b>UPPER CRETACEOUS TO TERTIARY</b>	
<b>Osoya Lake Group</b>	
<b>Undifferentiated</b>	
Andesite Crystal Tuff	Fault
Andesite Flow	Outcrop
Aphanitic and Amygdaloid Basalt	Bedding
Basalt Conglomerate	Contact (defined, approximate, inferred)
	Fault (defined, approximate, inferred)
<b>EARLY TO MIDDLE JURASSIC</b>	
<b>Hazleton Group</b>	
<b>Smithers Formation</b>	
Volcanic Conglomerate	Limit of Mapping
Alkalic Sandstone	Claim
Siltstone	Inset
Volcaniclastic Sandstone	
<b>Intrusive</b>	
<b>LATE CRETACEOUS TO TERTIARY</b>	
<b>Bulky Plutonic Suite</b>	
Diorite	
Andesitic Plagioclase Porphyry	
<b>Metamorphic</b>	
<b>UNKNOWN</b>	
Unassigned	
	<small>Note: Solid colours represent the observed outcrop lithologies. Transparent shades are inferred lithology.</small>

**LOWPROFILE VENTURES LTD.**

**Rox Property  
Property Geology**

Sheet 2 of 2  
 File Name: 20051117  
 Date: November 10, 2005  
 Projection: UTM NAD83  
 Scale: 1:10,000  
 Drawn by: JG  
 Checked by: JG

**ALLNORTH CONSULTANTS LIMITED**

0 0.25 0.5 0.75 1 Kilometers



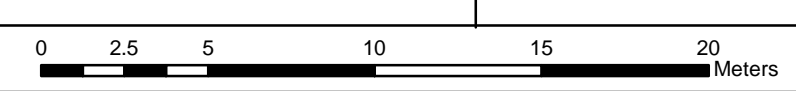


Lithology	Symbology
<b>Stratified</b> <b>EARLY TO MIDDLE JURASSIC</b> <b>Hazleton Group</b>	
<b>Smithers Formation</b>	
Arkosic Sandstone	Bedding
Siltstone	Area of Increased Calcite Veining
Andesitic Lapilli Tuff	Shear (Inclined)
Dacitic Tuff	Detailed Note
	Contact (defined, approximate, inferred)
	Fault (defined, approximate, inferred)
	Approximate Alteration Contact
<b>Intrusive</b> <b>LATE CRETACEOUS TO TERTIARY</b> <b>Goosly Intrusive Suite</b>	
<b>Unclassified</b>	
Trachyte Dike	Limit of Mapping
	Hornfels
	Breccia

LOWPROFILE VENTURES LTD.

Rox Property  
Quarry

20k Mapsheet: 03N010.20.930001.11  
 Projection: UTM9N NAD83  
 Date: November 10, 2008  
 Scale: 1:250  
 Path: \\03-PX-0456\Mapping\Qr\_D  
 Drawn By: BB  
 Checked By: BL





**LOWPROFILE VENTURES LTD.**

**Rox Property  
Reconnaissance Soil Cu (ppm) and Au (ppb) Results**

2008 Soil Sample  
 Secondary Road  
 Trail  
 Lake

Stream  
 Wetland  
 Contour  
 Claim

20k Mapsheet: 98E076.66  
 Date: September 22, 2008  
 Scale: 1:5000  
 Path: \\G:\PX\0456\Maping\RoxSoilRes\_E  
 Drawn By: BL  
 Checked By: BL

**ALLNORTH**  
CONSULTANTS LIMITED

0 62.5 125 250 375 500 Meters

