

# 2012 TECHNICAL ASSESSMENT REPORT FOR THE LUND & THOMPSON PROPERTY

**Omineca Mining Division, British Columbia**

**NTS: 093L/4 and 093L/5**

**54 12' 7"**

**N/127 41' 10" W**

**BC Geological Survey  
Assessment Report  
33417**

**Event #: 5400314 and 5350412**

**Tenure #: 563514, 563516, 563517, 563518, 563519, 564148, 564149, 585416, 585417, 588434,  
588435**

**Prepared for:**

Lowprofile Ventures Ltd.,

Houston, BC

**Prepared by:**

Anastasia Ledwon, B.Sc., P.Geo

And Richard Beck, VP Exploration and Development

UTM Exploration Services Ltd.,

Smithers, BC

October, 2012

**TABLE OF CONTENTS**

<b>1. Summary .....</b>	<b>4</b>
<b>2. Introduction and Terms of Reference.....</b>	<b>4</b>
<b>3. Property Description and Location.....</b>	<b>5</b>
<b>3.1 Accessibility and Infrastructure .....</b>	<b>5</b>
<b>3.2 Mineral Tenure Information .....</b>	<b>7</b>
<b>3.3 Physiography and Climate.....</b>	<b>9</b>
<b>4. History.....</b>	<b>9</b>
<b>5. Geological Setting.....</b>	<b>10</b>
<b>5.1 Regional Setting .....</b>	<b>10</b>
<b>5.2 Local Geology and Mineralization.....</b>	<b>14</b>
<b>6. Exploration.....</b>	<b>14</b>
<b>6.1 Property Soil/Silt Sampling.....</b>	<b>14</b>
<b>6.2 Soil Geochemistry .....</b>	<b>14</b>
<b>7. Sampling .....</b>	<b>14</b>
<b>7.1 Sampling Method and Approach.....</b>	<b>14</b>
<b>7.2 Sample Preparation, Analyses, and Security.....</b>	<b>15</b>
<b>7.3 Data Verification.....</b>	<b>15</b>
<b>7.4 Results .....</b>	<b>15</b>
<b>8. Interpretation and Conclusions .....</b>	<b>15</b>
<b>9. Recommendations .....</b>	<b>16</b>
<b>10. Statement of Costs .....</b>	<b>17</b>
<b>11. References .....</b>	<b>18</b>
<b>12. Statement of Qualifications .....</b>	<b>19</b>

<i>Appendix I: Assay Certificates</i> .....	20
<i>Appendix II: Lab Methodologies</i> .....	52
<i>Appendix III: Geochemical Maps and Sample Information</i> .....	57
<i>Appendix IV: Field Notes</i> .....	64
<i>Appendix V: Photos</i> .....	71

**TABLE OF FIGURES**

Figure 1. Property Location Map. ....	6
Figure 2. Mineral Tenure Map. ....	8
Figure 3. Regional Geology (Lane, 2008). ....	12

**TABLES**

Table 1. Mineral Tenure Information.....	7
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## 1. SUMMARY

This report covers two different Event #s and work projects on Lowprofile Venture Ltd.'s Lund & Thompson property.

The first project involved soil sampling and minor prospecting by Mr. Dwayne Lund who was contracted by Lowprofile. Over the course of four days in June, 2012, Mr. Lund sampled soils and silt from two general areas in the south of the property. These samples were assayed in anticipation of using the results to plan a summer drilling program, a program that was eventually postponed due to weather.

Later in the summer of 2012, Mr. Gary Thompson, owner of Lowprofile Ventures Ltd., and Mr. Brian Thompson attempted to access the highest elevations of the property (the Umbrella Zone) to mark trails and pack in surveying pickets in anticipation of further exploration of the Umbrella Zone.

Additional field work was planned for late summer but due to Forestry's removal of two bridges (effectively eliminating any and all future access by road), the program was postponed until helicopters could be hired and the project altered for helicopter access, which in turn was again postponed due to bad weather conditions.

All accumulated data from these projects will be used to create a complete database for Lowprofile Ventures Ltd., as well as in the future planning of exploration projects.

## 2. INTRODUCTION AND TERMS OF REFERENCE

This report borrows/quotes heavily from Mr. Bob Lane's 2008 report on the Lund & Thompson property, as noted in the References section. Mr. Lane's report also discusses both the Stir Stick and Umbrella Zones in detail.

It is understood that this report may be required for material disclosure. The author has attempted to visit the site once in September, 2012, but was stymied by the decommissioning of the two Forestry-owned bridges at Kilometre 19 on the Shea Creek FSR (that occurred the week before her arrive at the property).

At the time of the attempted site visit, the author had no investment in Lowprofile Ventures Ltd., but since that time, UTM Exploration Services Ltd. has completed more work on these properties in exchange for share options in another of Lowprofile's properties.

## 3. PROPERTY DESCRIPTION AND LOCATION

### 3.1 ACCESSIBILITY AND INFRASTRUCTURE

The Lund & Thompson property is located in the Omineca Mining Division, 70 kilometres southwest of Smithers and 68 kilometres west-southwest of Houston in west-central British Columbia (Figure 1).

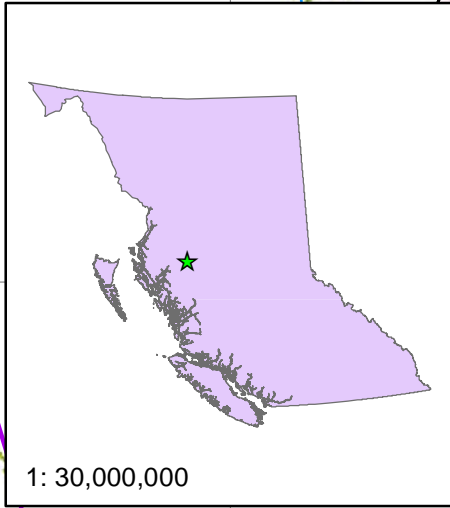
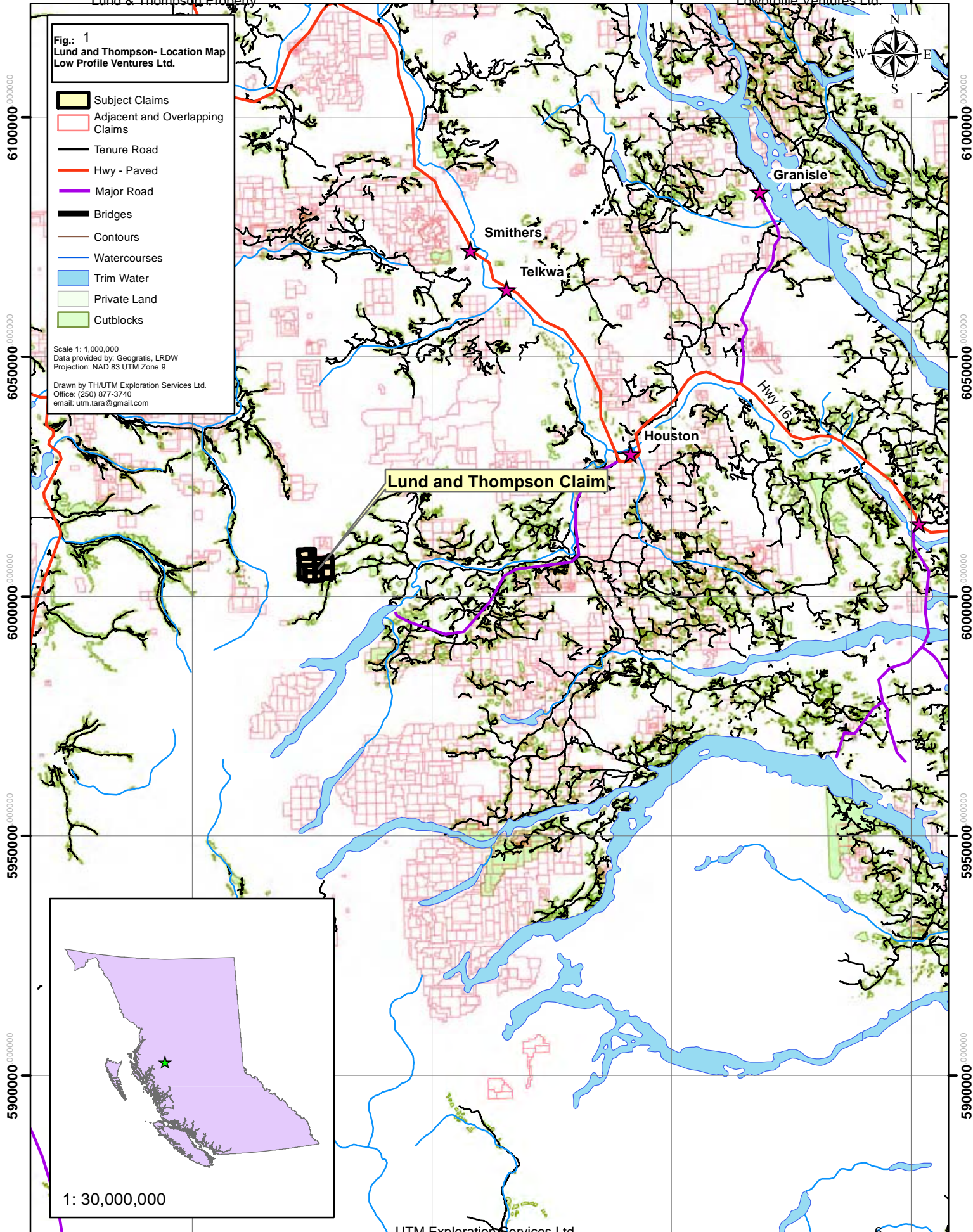
Road access to the southern portion of the property is provided by a main arterial logging road that was developed in the 1990s. Directions to the property are as follows: travel west on Hwy 16 from Houston for approximately 4.5 km and turn left onto the Morice River Forest Service Road (FSR); then travel on the Morice River FSR for 27 km; turn right and travel to 44.5 km board, then turn right onto the Morice West FSR and travel to the 74 km board and turn left onto the Shea Creek road and travel approximately 15 km to the southern edge of the property. From here, access is only via foot or helicopter as the road has been deactivated (two large bridges removed at Kilometre 19) as of September, 2012.

Helicopter access is available via numerous charter companies based in Houston or Smithers. Smithers and Houston are 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.

Fig.: 1  
Lund and Thompson- Location Map  
Low Profile Ventures Ltd.

-  Subject Claims
-  Adjacent and Overlapping Claims
-  Tenure Road
-  Hwy - Paved
-  Major Road
-  Bridges
-  Contours
-  Watercourses
-  Trim Water
-  Private Land
-  Cutblocks

Scale 1: 1,000,000  
Data provided by: Geogratis, LRDW  
Projection: NAD 83 UTM Zone 9  
Drawn by TH/UTM Exploration Services Ltd.  
Office: (250) 677-3740  
email: utm.tara@gmail.com



610000  
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### 3.2 MINERAL TENURE INFORMATION

The Lund & Thompson property is comprised of 11 contiguous mineral tenures. The claims (Figure 2) cover 3670.0353 hectares of land within NTS map sheets 93L/4 and 93L/5. The centre of the claim block is located at 54° 12' 7" North and 127° 41' 10" West. All of the tenures are 100%-owned by Lowprofile Ventures Ltd. Additional data are listed in Table 1.

Table 1. Mineral Tenure Information.

Tenure Number	Claim Name	Owner	Tenure Type	Map Number	Issue Date	Good To Date	Status	Area (ha)
563514	LUND & THOMPSON	216293 (100%)	Mineral	093L	2007/jul/23	2012/dec/30	GOOD	378.5217
563516	LUND & THOMPSON 2	216293 (100%)	Mineral	093L	2007/jul/23	2012/dec/30	GOOD	283.7931
563517	LUND & THOMPSON 3	216293 (100%)	Mineral	093L	2007/jul/23	2012/dec/30	GOOD	302.8096
563518	LUND & THOMPSON 4	216293 (100%)	Mineral	093L	2007/jul/23	2012/dec/30	GOOD	227.0289
563519	LUND & THOMPSON 5	216293 (100%)	Mineral	093L	2007/jul/23	2012/dec/30	GOOD	340.6094
564148	LUND & THOMPSON 6	216293 (100%)	Mineral	093L	2007/aug/04	2012/dec/30	GOOD	453.9378
564149	LUND & THOMPSON 7	216293 (100%)	Mineral	093L	2007/aug/04	2012/dec/30	GOOD	226.9612
585416	LUND & THOMPSON 8	216293 (100%)	Mineral	093L	2008/may/29	2012/dec/30	GOOD	113.4378
585417	LUND & THOMPSON 9	216293 (100%)	Mineral	093L	2008/may/29	2012/dec/30	GOOD	453.7828
588434	LUND & THOMPSON 10	216293 (100%)	Mineral	093L	2008/jul/18	2012/dec/30	GOOD	416.0952
588435	LUND & THOMPSON 11	216293 (100%)	Mineral	093L	2008/jul/18	2012/dec/30	GOOD	473.0578
							Total area (ha):	3670.0353

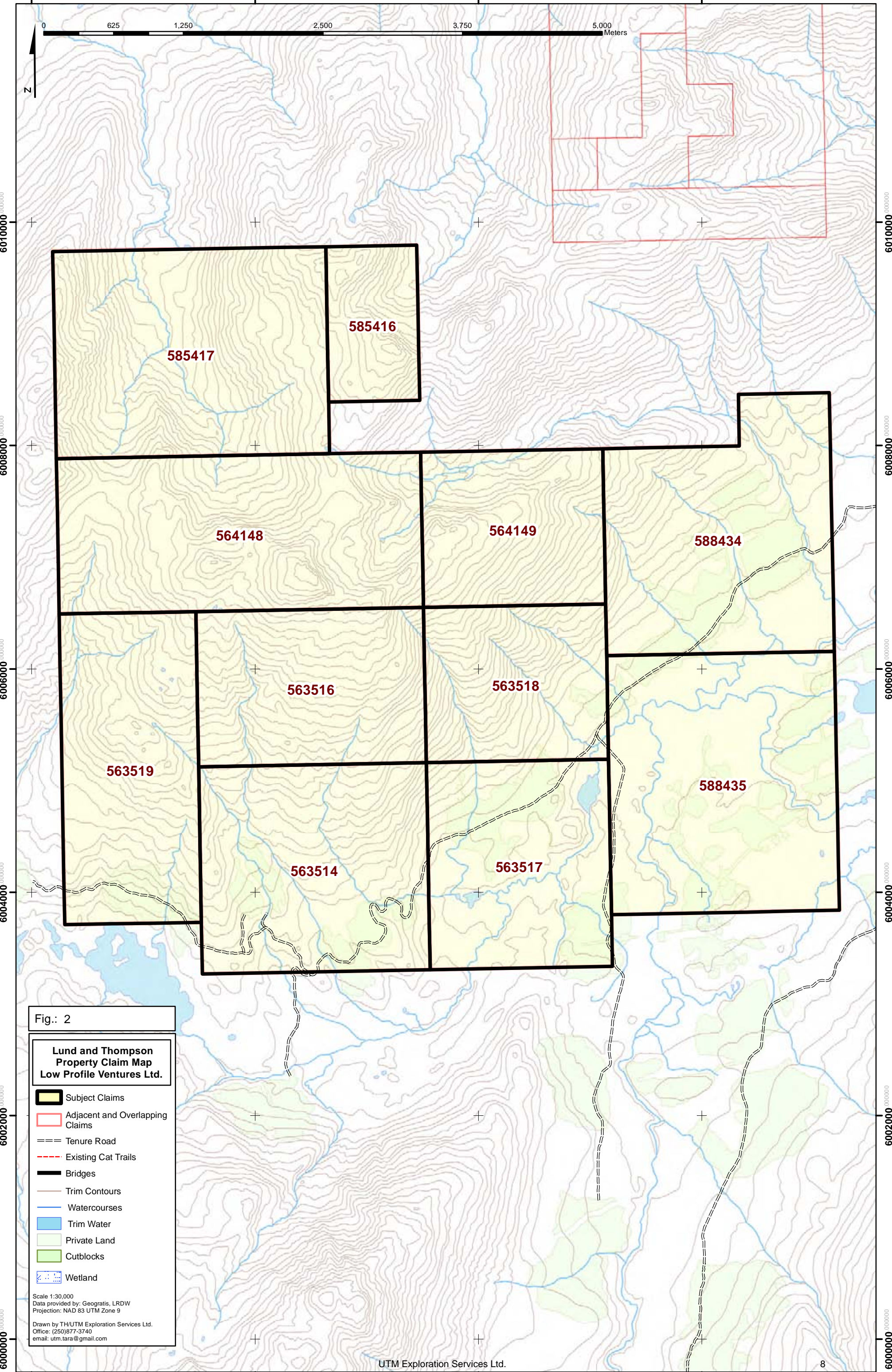


Fig.: 2

**Lund and Thompson  
Property Claim Map  
Low Profile Ventures Ltd.**

- Subject Claims
- Adjacent and Overlapping Claims
- Tenure Road
- Existing Cat Trails
- Bridges
- Trim Contours
- Watercourses
- Trim Water
- Private Land
- Cutblocks
- Wetland

Scale 1:30,000  
Data provided by: Geogratis, LRDW  
Projection: NAD 83 UTM Zone 9  
Drawn by TH/UTM Exploration Services Ltd.  
Office: (250)877-3740  
email: utm.tara@gmail.com



### 3.3 PHYSIOGRAPHY AND CLIMATE

The Lund & Thompson property is located near the western margin of the Nechako Plateau, the northernmost subdivision of the Interior Plateau (Holland, 1976). The property covers part of the southern flank of the Herd Dome Mountain range. The local terrain is characterized by rugged peaks, U-shaped valleys with steep sides and by alpine plateaus. Elevations range from 915 m above sea level in the south-eastern part of the property to 1715 m at the centre of the property. The most notable topographic feature on the property is the Herd Dome Mountain range. Local ice and snow fields remain year-round at upper elevations and serve as headwaters for streams.

The area is well forested by thick stands of spruce and pine with thick undergrowth consisting of alder and devil's club. Alpine mountain peaks dominate the centre of the property with a tree line at approximately 1400 m; while swampy lowlands and meadows occupy the southern portions. Bedrock typically crops out on peaks and higher elevation side slopes and in steeply incised gullies.

Mineral exploration is generally restricted to a period between mid-July to mid-September, after which snow squalls, white-outs and violent wind storms may appear at the higher elevations. 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 lows reaching -30°C from November through March. Annual precipitation averages 50 cm including winter snowfall (Lane, 2008).

## 4. HISTORY

Prospecting in the general area of the Lund & Thompson property for copper, gold, silver and molybdenum has been conducted since the early 1900s, but few records of these activities remain available. The area was particularly active in the 1960s (Gray, 2002). The Lund & Thompson property lies within the 120 km long belt of major porphyry copper deposits which include the currently producing Huckleberry Mine.

The Lund & Thompson property covers a few copper showings that have seen little previous exploration. Two MINFILE occurrences (093L175 and 093L176) are recorded on the property. The two records very briefly describe chalcocite or native copper-bearing red vesicular flows of the Lower Jurassic Hazelton Group (Tipper, 1971) and are associated with quartz and calcite. The Herd Dome property, held by the estate of the late Frank Onucki, lies immediately north of the Lund & Thompson property. It was explored as recently as 1997 where mineralization is described as anomalous Cu-Au-Ag values hosted within brecciated or fragmental volcanic rocks (Game and Baker, 1997).

Road access to the area was not developed until quite recently and other than the limited amount of work associated with the high elevation showings (previously mentioned), little historical information exists.

The Stir Stick zone was discovered by Dwayne Lund in October, 2003, while investigating the western end of the Shea Creek road where a new logging block and road network had been developed. Several road cuts excavated into bedrock exposed fractured and malachite-stained volcanic rocks and, locally, chalcopyrite and bornite with calcite-barite and quartz in fractures, narrow veins and crude stockwork zones.

The Umbrella zone was discovered in a more gradual fashion. Dwayne Lund discovered malachite-stained float over several hundred metres in a narrow canyon while descending from Herd Dome Mountain following a hunting expedition in September 2004. Early snow prevented immediate follow-up, but return prospecting trips to the steep drainage corridor from June to September, 2005, yielded impressive bedrock mineralization above a small waterfall. The showings consisted of volcanic-hosted chalcopyrite and bornite stockwork mineralization and very impressive float consisting of chalcocite-bornite stockwork mineralization (Lane, 2008).

## 5. GEOLOGICAL SETTING

### 5.1 REGIONAL SETTING

The Lund & Thompson property 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 a large portion of central British Columbia (Figure 3).

Stikinia consists of a series of Jurassic, Cretaceous and Tertiary magmatic arcs and successor basins which unconformably overlie Permian sedimentary basement rocks (Wojdak, 1998, as per MacIntyre et al., 1989). In the area of the West & Thompson property, Stikinia consists of the Upper Triassic Takla Group, the Lower to Middle Jurassic Hazleton Group and the Lower Jurassic to Upper Cretaceous Bowser Lake Group.

The Upper Triassic Takla Group consists of submarine calc-alkaline island-arc volcanic and sedimentary rocks. The Lower to Middle Jurassic Hazleton Group is comprised of subaerial to submarine calcalkaline island-arc volcanic and sedimentary rocks. The Lower Jurassic to Upper Cretaceous Bowser Lake Group contains siliciclastic basinal sedimentary rocks (Wojdak, 1998).

The Hazleton Group is further divided into the Telkwa, Nilkitkwa and Smithers formations. The Telkwa Formation is the oldest and most extensive of the three. It is comprised of green and maroon, submarine and subaerial pyroclastic deposits and lava flows that are andesitic to rhyolitic in composition. The Telkwa Formation is Sinemurian to Pleinsbachian in age and is

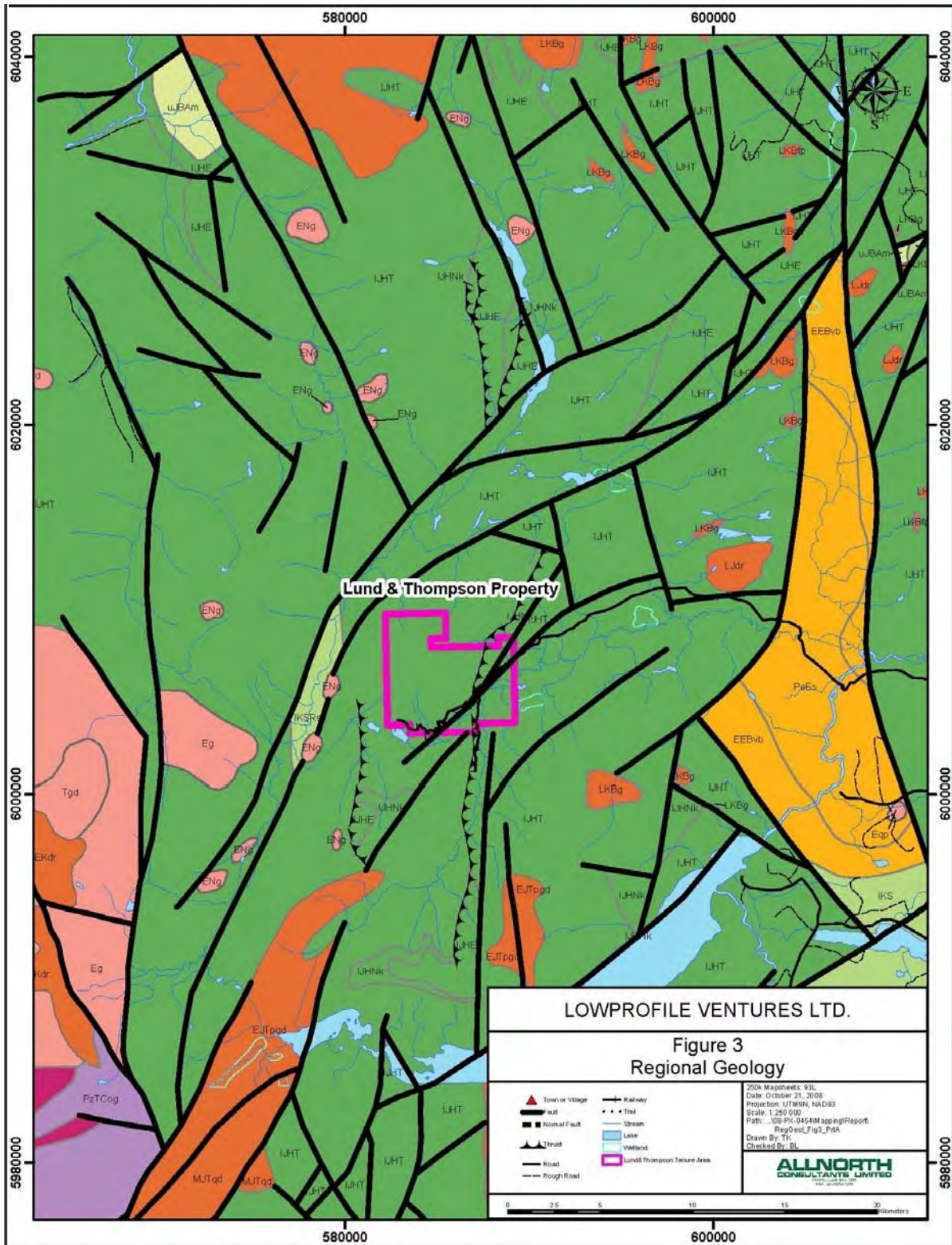
separated into 4 mappable units within the Babine and Telkwa ranges (Wojdak, 1998 as per MacIntyre et al., 1989):

- Upper siliceous pyroclastic facies; quartz-feldspar-phyric ash flows, breccia, airfall tuff and minor flows composed of basalt and rhyolite
- Basalt flow and red tuff facies; amygdaloidal, augite-phyric basalt, basalt tuff, red tuff and epiclastic rocks
- Andesite pyroclastic facies; thick-bedded, feldspar-phyric andesite breccia, tuff and flows
- Basal conglomerate

The Telkwa Formation, within the Babine range area, is conformably overlain by marine sedimentary and submarine volcanics of Pliensbachian to Lower Toarcian-Nilkitwa Formation. Within the Telkwa Range area, the Telkwa is disconformably overlain by sub-aerial, brick-red crystal and lapilli tuff plus amygdaloidal basalt of the Eagle Peak Formation. The Nilkitwa Formation is separated into 4 basinal units within the Dome Mountain area (Wojdak, 1998 as per MacIntyre et al., 1989; from youngest to oldest):

- Thin bedded argillite, chert and limestone
- Tuffaceous conglomerate, cherty tuff and siltstone
- Rhyolitic volcanic rocks
- Amygdaloidal andesite or basalt flow interbedded with red epiclastics

The overall regional geology of the Lund & Thompson property reflects a series of island-arc marine sedimentary and submarine volcanics, covered by submarine and subaerial pyroclastics and lava flows of intermediate composition that range in age from 228 to 65 Ma (Lane, 2008).



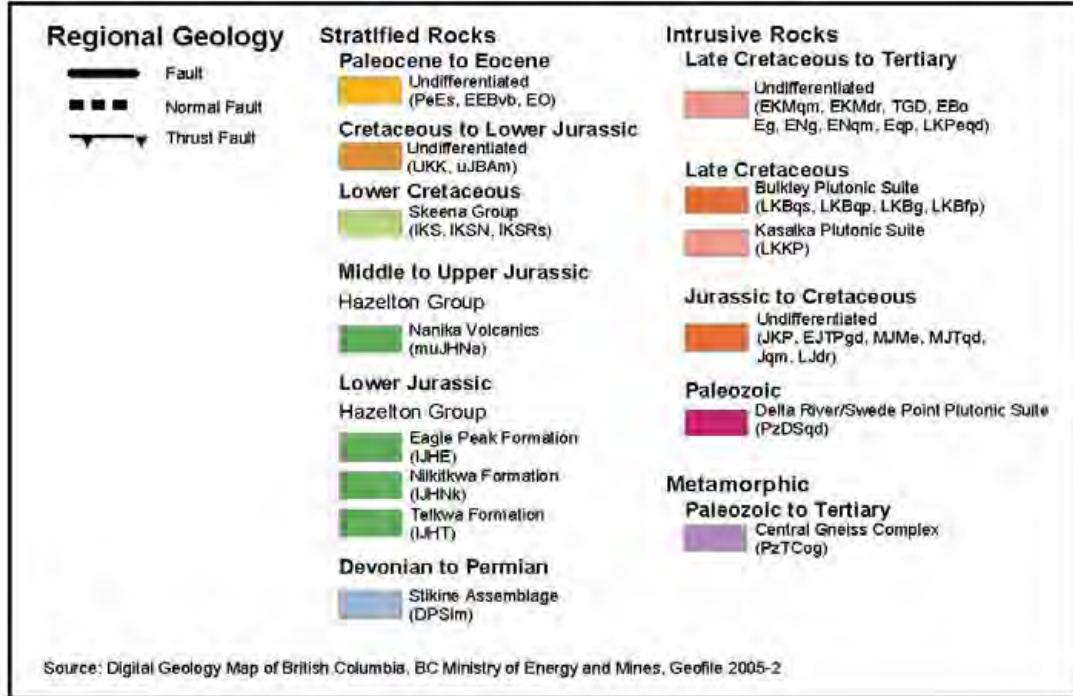


Figure 3 con't: Legend for Regional Geology Map.

## 5.2 LOCAL GEOLOGY AND MINERALIZATION

Geological mapping by Delane (1992) in the Herd Dome area identified that well-bedded volcanic rocks of the Telkwa Formation predominate. The reddish-maroon volcanic rocks occupy peaks, higher ridges and some plateaus and typically consist of massive flows, with lesser breccias, tuffs and fragmentals. The flows are vesicular, but vesicles can be filled with zeolite minerals and quartz. Quartz also occurs as veinlets, as fracture coatings and within the matrix of the fragmental units. Sulphide mineralization on the Herd Dome property is described as chalcopyrite, bornite, covellite and minor amounts of chalcocite within silicified volcanic breccia and fragmental rocks (Delane, 1992; Game and Baker, 1997). (Lane, 2008).

## 6. EXPLORATION

### 6.1 PROPERTY SOIL/SILT SAMPLING

From June 13-16 of 2012, Dwayne Lund completed a silt and soil sampling program across the southernmost two claims of the Lund & Thompson property.

Two areas were intensively soil sampled (see maps in Appendix III) while a silt sample was taken from an accessible stream location.

Seventy-one soil samples were taken between 5-40cm into the B-horizon, bagged in brown Kraft paper soil sampling bags, labeled with a unique sample number, and sealed. Duplicates were taken at several sites to be assayed at a different laboratory.

One silt sample was taken from a stream bed, bagged in plastic sample bag (due to moisture), labeled with a unique sample number, and sealed.

No rock samples were taken.

### 6.2 SOIL GEOCHEMISTRY

See Appendix III for geochemical maps and highlights, as well as soil sample locations.

## 7. SAMPLING

### 7.1 SAMPLING METHOD AND APPROACH

See Section 6.1 for details of on-site sampling method. After sample collection, sample bags were stored by Gary Thompson until they were delivered to the ACME Prep Lab in Smithers, BC. Anastasia Ledwon then saw the samples at ACME and filled out all the appropriate paperwork.

Duplicate samples were submitted to the SGS Prep Lab in Telkwa, BC by Anastasia Ledwon.

## 7.2 SAMPLE PREPARATION, ANALYSES, AND SECURITY

ACME dried all of the samples at 60C and then dry sieved 100g of each sample to -80 mesh. Aqua Regia digestion and ICP-MS analysis was requested, along with appropriate tests for overlimits.

Lab methodology is described in Appendix II.

## 7.3 DATA VERIFICATION

No standards or blanks were submitted although the labs run their own tests regularly. Duplicate soil samples were submitted to the two labs for comparison of results.

## 7.4 RESULTS

All assay results may be found in Appendix I. Geochemical maps may be perused in Appendix III.

# 8. INTERPRETATION AND CONCLUSIONS

During a short 4 day exploration program between June 13<sup>th</sup> – June 16<sup>th</sup> 2012 a soil and silt program (71 soil samples and one (1) silt sample) was conducted on the Lund & Thompson property located near Herd Dome Mountain, approximately 70km south of Smithers, B.C. The program entailed a small grid of soil samples along an apparent strike of the Stir Stick Zone as well as soil samples along southern and south eastern road access exposure (Appendix III). The Stir Stick Zone, a newly discovered mineral showing (refer to Lane, 2008 report for details), lies within an andesitic breccia surrounded by mapped siltstone and andesite. This Zone has an apparent northwest southeast strike. The soil grid established during the 2012 program was put in to place along the southeastern boundary of the known mineralization corridor in efforts to expand the known mineralization of the Stir Stick Zone. Additional soils were taken on the southeastern boundary where, in 2008, a still unnamed showing was discovered to host copper values ranging from 130 ppm to greater than 10000 ppm.

The copper mineralization occurs in variably-altered and fractured, intermediate fragmental volcanic rocks and in close proximity to a series of monzonite dykes (Assessment Report #30454).

The results of the 2012 program appear to illustrate a southeastern strike; however, due to the nature of the structurally controlled host rock, a distinct pattern is not readily apparent though the elevated copper numbers are coincident with the volcanic breccia of the Stir Stick Zone and the elevated silver and gold values are highest in the eastern most soil samples that were designed to further investigate the new unnamed discovery of 2008.

## 9. RECOMMENDATIONS

After further due diligence of previous assessment reports and ministry files of the area and the work conducted during this program, the following exploration is recommended:

- Detailed mapping covering the Stir Stick Zone extending beyond such that the area is adequately represented with a strong geological map with focus on alteration haloes, mineralization corridors and structural features
- Complementing the mapping, it is recommended that an aggressive rock sampling program be conducted over the same area.
- The entire property from the Stir Stick Zone in the south to the Umbrella Zone in the north should be covered with a gridded geochemical soil survey at 100m line spacing and 100m sample spacing.
- The property should be flown with an airborne survey focusing on EM-VLF and an IP survey



## 10. STATEMENT OF COSTS

### **Event # 5350412**

Dwayne Lund, Prospector	43 hours @ \$45.00/hour	\$1935.00
Pickup Truck	773 km @ \$0.65/km	\$502.45
Samples:		\$1000.00
Report Writing, UTM And Field Visit	8.5 hours @ \$105.00/hour	\$892.50
GIS, UTM	3.5 hours \$60.00/hour	\$210.00
PAC debit:		\$1311.08
<b>Total Work Value Claimed on SOW:</b>		<b>\$4608.53</b>

**Actual Value: \$5851.03**

### **Event # 5400314**

Gary Thompson, Prospector	48 hours @ \$45.00/hour	\$2160.00
Pickup Truck	752 km @ \$0.65/km	\$488.80
Brian Thompson, Assistant	48 hours @ \$45.00/hour	\$2160.00
Report Writing, UTM	8 hours @ \$105.00/hour	\$840.00
GIS, UTM	3 hours @ \$60.00/hour	\$180.00
PAC debit:		\$158.78
<b>Total Work Value Claimed on SOW:</b>		<b>\$6736.78</b>

## 11. REFERENCES

Delane, G.D. (1992). A Geological Report on the Herd Dome Property. BC Geological Survey Branch Assessment Report 22542.

Game, B.D. and Baker, D.G. (1997). Assessment Report on the Herd Dome Claim Group. BC Geological Survey Branch Assessment Report 25311.

Holland, S.S. (1976). Landforms of British Columbia, a physiographic outline. British Columbia Department of Mines and Petroleum Resources. Bulletin 48, 138 p.

Lane, B. (2008). A Geological Report on the Lund & Thompson Property: *British Columbia Ministry of Energy and Mines*. Assessment Report 30454.

MacIntyre, D.G. and Tercier, P. (1989). Jurassic Stratigraphic Relationships in the Babine and Telkwa Ranges, in Geological Fieldwork 1988, BC Ministry of Energy, Mines and Petroleum Resources Paper 1989-1, pp. 195-208.

Page, Jay W (2008). Private Memo, Summary of Field Visit to the Lund & Thompson Property.

Tipper, H.W. (1971). Lower Jurassic Volcanic Rocks of the Smithers Area, West Half of the Smithers Map Area 093L. BC Ministry of Energy, Mines and Petroleum Geological Survey of Canada Report.

Wojdak, P. (1998). Volcanogenic Massive Sulphide Deposits in the Hazleton Group, Babine Range, B.C., Exploration and Mining in British Columbia 1998, Ministry of Energy, Mines and Petroleum Resources, pp. C-1-C-13.

## 12. STATEMENT OF QUALIFICATIONS

Anastasia Ledwon of 4901 Slack Road, Smithers, British Columbia:

- I graduated from the University of Victoria with a Bachelor of Science Degree in Earth and Ocean Sciences, With Honours, With Distinction (1997);
- I have been practicing my profession as a geologist in mineral exploration continuously since 2005, and have worked as a geologist in other disciplines since 1997;
- I am a Professional Geologist with the Association of Professional Engineers and Geoscientists of British Columbia, Licence #33898, and have been since September, 2009;

The observations, conclusions and recommendations contained in the report are based on the author's interviews with Gary Thompson and review of the data of the soil/silt/rock sampling program completed by Dwayne Lund in June of 2012. The author has made one visit to the site but was unable to complete it due to decommissioning of roads by the Ministry of Forests and is not responsible for the data collected and prepared by others.



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Anastasia Ledwon

## APPENDIX I: ASSAY CERTIFICATES



Acme Analytical Laboratories (Vancouver) Ltd.  
1020 Cordova St. East Vancouver BC V6A 4A3 Canada

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

Client: **Lowprofile Ventures Ltd.**  
P.O. Box 704  
Houston BC V0J 1Z0 Canada

Submitted By: Gary Thompson and Anastasia Ledwon  
Receiving Lab: Canada-Smithers  
Received: September 10, 2012  
Report Date: October 03, 2012  
Page: 1 of 9

## CERTIFICATE OF ANALYSIS

SMI12000349.1

### CLIENT JOB INFORMATION

Project: None Given  
Shipment ID:  
P.O. Number  
Number of Samples: 240

### SAMPLE DISPOSAL

RTRN-PLP Return  
RTRN-RJT Return

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	240	Dry at 60C			SMI
SS80	240	Dry at 60C sieve 100g to -80 mesh			SMI
1DX1	240	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN
RJSV	240	Saving all or part of Soil Reject			VAN
Special Prep	240	Special Handling - see Job Notes			SMI

### ADDITIONAL COMMENTS

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

CC:



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. Results apply to samples as submitted. \*\* asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client:

**Lowprofile Ventures Ltd.**

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

Project:

None Given

Report Date:

October 03, 2012

Page:

2 of 9

Part: 1 of 1

# CERTIFICATE OF ANALYSIS

SMI12000349.1

Method	Analyte	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	2	0.01	0.001	1	
LT 1250DL 001	Soil	0.8	12.2	9.8	116	0.3	8.5	6.9	409	4.11	5.2	1.3	0.8	9	0.2	0.1	0.1	87	0.11	0.041	3
LT 1250DL 002	Soil	0.5	33.8	11.0	97	0.4	11.1	10.1	1193	3.51	6.4	1.8	0.8	18	0.2	0.1	<0.1	87	0.35	0.080	6
LT 1250DL 003	Soil	0.7	17.7	7.6	79	0.5	14.5	8.6	487	5.26	7.6	1.6	0.7	20	0.3	0.1	<0.1	99	0.19	0.044	3
LT 1250DL 004	Soil	0.5	17.2	16.7	83	0.6	7.4	5.8	406	4.34	5.2	1.1	0.9	11	0.4	0.2	0.1	85	0.18	0.032	5
LT 1250DL 005	Soil	0.4	43.0	16.7	170	1.8	10.8	10.7	632	4.08	5.8	1.5	0.5	14	0.3	0.2	<0.1	101	0.17	0.034	4
LT 1250DL 006	Soil	0.5	37.7	10.6	150	0.6	12.4	9.2	457	3.87	4.8	2.5	0.8	11	0.2	0.1	<0.1	89	0.11	0.094	3
LT 1250DL 007	Soil	0.7	21.4	30.6	121	1.0	11.8	7.4	369	4.25	5.0	<0.5	1.3	9	0.2	0.1	<0.1	90	0.12	0.055	6
LT 1250DL 008	Soil	0.5	17.7	11.8	92	0.4	7.3	7.3	468	4.67	6.5	<0.5	0.8	8	0.3	0.2	<0.1	88	0.14	0.149	3
LT 1250DL 009	Soil	0.5	14.4	9.7	118	0.2	7.2	6.5	483	4.26	4.0	<0.5	0.5	9	0.2	0.1	<0.1	108	0.11	0.042	3
LT 1250DL 010	Soil	0.7	21.7	11.0	113	0.4	9.1	6.5	425	5.32	9.8	<0.5	0.4	11	0.6	0.2	<0.1	113	0.16	0.066	4
LT 1250DL 011	Soil	0.5	21.2	12.7	150	1.0	7.5	6.9	542	3.75	4.8	<0.5	0.6	10	<0.1	0.1	<0.1	95	0.13	0.056	4
LT 1250DL 012	Soil	0.8	20.3	10.8	118	0.5	8.3	9.7	654	4.31	9.7	<0.5	0.5	13	0.2	0.2	<0.1	97	0.19	0.112	4
LT 1250DL 013	Soil	0.9	22.8	20.7	122	1.3	7.0	9.1	1010	5.44	8.5	<0.5	0.7	7	0.7	0.1	0.1	115	0.14	0.229	4
LT 1250DL 014	Soil	1.4	11.9	11.9	94	1.1	6.2	7.7	669	4.29	5.9	0.7	0.8	9	0.6	0.1	0.1	97	0.12	0.150	4
LT 1250DL 015	Soil	0.3	78.7	34.6	875	1.0	22.3	18.3	4525	5.58	10.7	1.1	0.5	10	0.2	0.3	<0.1	142	0.17	0.122	3
LT 1250DL 016	Soil	0.6	14.6	7.9	145	0.4	16.2	10.0	473	4.23	5.3	0.8	1.1	13	0.3	0.1	<0.1	79	0.16	0.178	4
LT 1250DL 017	Soil	1.6	12.2	13.9	128	0.3	6.1	10.4	1124	6.65	7.3	<0.5	0.8	15	0.4	0.1	0.2	155	0.34	0.074	3
LT 1250DL 018	Soil	0.7	20.4	12.0	81	1.0	6.9	5.7	359	5.41	6.6	<0.5	0.8	10	0.5	0.1	<0.1	91	0.19	0.035	3
LT 1250DL 019	Soil	0.9	8.6	10.2	75	0.8	4.0	3.7	374	4.89	4.2	1.9	0.7	6	0.3	0.2	0.1	105	0.06	0.054	4
LT 1250DL 020	Soil	0.6	15.3	10.4	85	0.4	6.0	4.6	391	5.02	4.9	<0.5	0.9	9	0.2	0.2	0.1	100	0.10	0.099	4
LT 1250DL 021	Soil	0.8	11.1	13.3	158	1.6	6.1	9.3	1067	6.52	5.7	8.1	0.6	9	0.3	0.1	0.1	155	0.18	0.134	3
LT 1250DL 022	Soil	0.7	10.7	8.0	115	0.4	7.0	6.0	416	4.66	3.6	<0.5	0.7	6	0.1	<0.1	<0.1	83	0.08	0.059	4
LT 1250DL 023	Soil	1.0	22.0	18.1	114	1.2	8.0	8.0	727	5.31	5.2	<0.5	0.4	13	0.5	0.1	<0.1	116	0.28	0.048	6
LT 1250DL 024	Soil	0.7	26.6	11.4	101	0.3	12.2	9.0	524	4.95	7.1	0.7	0.9	11	0.3	0.1	<0.1	90	0.16	0.080	4
LT 1250DL 025	Soil	0.7	14.4	7.9	75	0.2	9.0	6.5	376	4.81	5.4	0.6	0.7	13	0.1	0.1	<0.1	101	0.15	0.040	4
LT 1250DL 026	Soil	1.3	12.6	9.1	62	0.3	6.4	4.7	291	5.24	5.8	<0.5	0.5	10	0.2	0.1	<0.1	125	0.15	0.046	3
LT 1250DL 027	Soil	1.0	17.1	9.6	87	0.5	13.7	8.0	361	4.21	6.8	0.6	0.9	10	0.2	0.1	<0.1	80	0.12	0.038	4
LT 1250DL 028	Soil	0.7	13.4	8.3	139	0.4	10.5	7.3	382	4.89	5.3	<0.5	0.8	10	0.3	0.2	0.1	84	0.11	0.157	5
LT 1250DL 029	Soil	1.0	18.0	9.7	107	0.5	9.8	8.2	408	4.21	6.0	<0.5	0.8	10	0.2	0.1	<0.1	93	0.13	0.055	4
LT 1250DL 030	Soil	0.8	15.7	12.6	140	1.0	6.4	7.6	632	6.51	6.1	<0.5	0.5	8	0.4	0.2	0.1	121	0.15	0.220	4



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Page:

2 of 9

Part: 2 of 1

# CERTIFICATE OF ANALYSIS

SMI12000349.1

Method	Analyte	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
LT 1250DL 001	Soil	17	0.43	133	0.119	<20	2.38	0.007	0.03	<0.1	0.08	3.9	<0.1	<0.05	8	<0.5	<0.2
LT 1250DL 002	Soil	18	0.58	188	0.108	<20	2.01	0.010	0.05	<0.1	0.05	6.8	<0.1	<0.05	6	<0.5	<0.2
LT 1250DL 003	Soil	32	0.57	128	0.084	<20	2.44	0.009	0.02	<0.1	0.11	4.6	<0.1	<0.05	8	<0.5	<0.2
LT 1250DL 004	Soil	15	0.38	103	0.095	<20	1.78	0.007	0.03	<0.1	0.07	4.1	<0.1	<0.05	8	<0.5	<0.2
LT 1250DL 005	Soil	18	0.51	207	0.107	<20	1.88	0.008	0.02	<0.1	0.07	5.5	<0.1	<0.05	6	<0.5	<0.2
LT 1250DL 006	Soil	20	0.51	136	0.104	<20	2.90	0.007	0.03	<0.1	0.12	4.9	<0.1	<0.05	6	<0.5	<0.2
LT 1250DL 007	Soil	21	0.46	103	0.102	<20	3.53	0.007	0.02	<0.1	0.07	5.5	<0.1	<0.05	7	<0.5	<0.2
LT 1250DL 008	Soil	19	0.39	84	0.091	<20	3.04	0.007	0.02	0.1	0.13	4.7	<0.1	<0.05	8	<0.5	<0.2
LT 1250DL 009	Soil	15	0.38	97	0.115	<20	1.48	0.008	0.03	<0.1	0.06	3.7	<0.1	<0.05	10	<0.5	<0.2
LT 1250DL 010	Soil	20	0.37	175	0.109	<20	1.76	0.007	0.03	0.1	0.08	3.4	<0.1	<0.05	11	<0.5	<0.2
LT 1250DL 011	Soil	16	0.34	181	0.100	<20	2.07	0.006	0.03	<0.1	0.09	4.6	<0.1	<0.05	8	<0.5	<0.2
LT 1250DL 012	Soil	18	0.46	115	0.112	<20	2.50	0.008	0.03	0.1	0.06	5.6	<0.1	<0.05	7	<0.5	<0.2
LT 1250DL 013	Soil	21	0.43	100	0.101	<20	2.89	0.006	0.04	0.1	0.13	5.3	<0.1	<0.05	10	<0.5	<0.2
LT 1250DL 014	Soil	19	0.22	82	0.179	<20	2.85	0.007	0.03	0.2	0.17	4.3	<0.1	<0.05	10	<0.5	<0.2
LT 1250DL 015	Soil	46	1.22	148	0.102	<20	2.39	0.006	0.03	<0.1	0.04	9.4	<0.1	<0.05	10	<0.5	<0.2
LT 1250DL 016	Soil	31	0.57	119	0.083	<20	3.51	0.011	0.03	<0.1	0.09	5.9	<0.1	<0.05	8	<0.5	<0.2
LT 1250DL 017	Soil	17	0.36	216	0.285	<20	2.02	0.006	0.08	<0.1	0.08	4.0	<0.1	<0.05	15	<0.5	<0.2
LT 1250DL 018	Soil	18	0.38	184	0.095	<20	2.56	0.008	0.03	0.1	0.18	4.2	<0.1	<0.05	8	<0.5	<0.2
LT 1250DL 019	Soil	14	0.21	56	0.110	<20	1.89	0.009	0.02	0.1	0.10	3.2	<0.1	<0.05	11	<0.5	<0.2
LT 1250DL 020	Soil	19	0.32	79	0.114	<20	2.79	0.007	0.03	0.1	0.12	4.8	<0.1	<0.05	10	<0.5	<0.2
LT 1250DL 021	Soil	18	0.39	104	0.210	<20	2.27	0.008	0.04	0.1	0.15	3.8	<0.1	<0.05	16	<0.5	<0.2
LT 1250DL 022	Soil	17	0.34	86	0.058	<20	2.30	0.007	0.03	<0.1	0.07	4.0	<0.1	<0.05	9	<0.5	<0.2
LT 1250DL 023	Soil	17	0.40	360	0.111	<20	1.94	0.007	0.04	<0.1	0.08	4.0	<0.1	<0.05	11	<0.5	<0.2
LT 1250DL 024	Soil	23	0.54	114	0.076	<20	2.92	0.006	0.03	<0.1	0.10	5.6	<0.1	<0.05	7	<0.5	<0.2
LT 1250DL 025	Soil	18	0.43	159	0.111	<20	2.08	0.008	0.02	<0.1	0.06	4.7	<0.1	<0.05	9	<0.5	<0.2
LT 1250DL 026	Soil	16	0.25	134	0.136	<20	1.53	0.005	0.03	0.1	0.09	3.1	<0.1	<0.05	11	<0.5	<0.2
LT 1250DL 027	Soil	21	0.44	148	0.049	<20	2.94	0.006	0.04	<0.1	0.09	4.6	<0.1	<0.05	9	<0.5	<0.2
LT 1250DL 028	Soil	20	0.43	153	0.062	<20	2.83	0.007	0.04	<0.1	0.08	4.3	<0.1	<0.05	10	<0.5	<0.2
LT 1250DL 029	Soil	20	0.42	133	0.120	<20	2.49	0.007	0.03	0.1	0.09	5.4	<0.1	<0.05	9	<0.5	<0.2
LT 1250DL 030	Soil	16	0.40	149	0.110	<20	2.50	0.006	0.04	0.1	0.11	4.4	<0.1	0.05	12	<0.5	<0.2



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October 03, 2012

Page:

3 of 9

Part: 1 of 1

# CERTIFICATE OF ANALYSIS

SMI12000349.1

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 Au	1DX Th	1DX Sr	1DX Cd	1DX Sb	1DX Bi	1DX V	1DX Ca	1DX P	1DX La
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
		0.1	0.1	0.1	1	0.1	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	0.001	1
LT 1250DL 031	Soil	0.6	18.8	8.4	120	0.5	5.9	5.4	535	4.23	4.1	1.0	0.9	6	0.2	0.1	<0.1	81	0.09	0.413	3		
LT 1250DL 032	Soil	0.8	14.4	12.1	143	1.1	6.2	10.4	900	5.82	6.8	0.7	0.9	7	0.3	0.1	0.1	112	0.08	0.120	4		
LT 1250DL 033	Soil	0.7	16.0	7.5	124	0.4	7.7	9.1	709	4.90	5.3	0.6	0.4	8	0.5	0.1	<0.1	92	0.10	0.092	3		
LT 1250DL 034	Soil	0.5	7.3	8.0	199	0.1	4.6	5.0	423	4.24	2.4	0.8	0.8	8	0.2	0.1	<0.1	69	0.15	0.230	5		
LT 1250DL 035	Soil	0.5	28.6	10.3	91	0.6	15.9	8.7	433	4.09	8.2	<0.5	0.8	17	0.1	0.1	<0.1	82	0.23	0.037	5		
LT 1250DL 036	Soil	0.9	14.5	9.5	168	0.5	12.6	8.3	592	4.88	4.9	0.5	0.5	12	0.5	0.1	0.1	87	0.17	0.074	5		
LT 1250DL 037	Soil	0.7	18.2	8.9	122	0.3	14.1	10.8	483	4.22	6.4	1.8	0.8	7	0.2	0.3	0.1	87	0.12	0.069	3		
LT 1250DL 038	Soil	0.7	23.4	5.2	117	1.6	11.9	8.5	598	3.51	7.4	3.0	0.6	8	0.4	0.2	<0.1	77	0.17	0.155	4		
LT 1250DL 039	Soil	0.6	23.8	7.6	133	2.2	12.5	8.5	626	3.68	6.8	1.8	0.6	9	0.3	0.2	<0.1	82	0.11	0.095	4		
LT 1250DL 040	Soil	0.7	27.2	8.4	125	1.6	9.6	7.4	630	3.66	5.4	<0.5	0.5	9	0.6	0.2	<0.1	87	0.16	0.281	4		
LT 1250DL 041	Soil	0.5	18.0	12.9	232	0.7	8.2	9.8	1670	3.86	5.1	0.5	0.6	5	0.2	0.3	<0.1	87	0.13	0.253	3		
LT 1250DL 042	Soil	0.6	52.7	19.6	186	2.1	8.8	12.0	983	3.80	8.1	0.6	0.7	22	0.2	0.3	0.1	133	0.39	0.071	15		
LT 1250DL 043	Soil	0.5	11.8	11.0	84	0.4	5.0	5.2	391	3.85	3.9	<0.5	0.5	11	0.1	0.2	<0.1	101	0.15	0.029	3		
LT 1250DL 044	Soil	0.5	8.7	9.5	64	0.3	6.1	4.8	334	4.30	4.5	<0.5	0.5	13	0.1	0.3	<0.1	99	0.15	0.030	3		
LT 1250DL 045	Soil	0.5	8.4	8.5	95	1.0	5.6	5.8	682	4.99	5.1	<0.5	0.8	12	<0.1	0.3	<0.1	90	0.12	0.069	3		
LT 1250DL 046	Soil	0.6	22.2	12.2	151	0.5	8.1	8.5	576	5.44	6.0	<0.5	0.7	10	0.1	0.2	<0.1	135	0.13	0.031	3		
LT 1250DL 047	Soil	0.8	12.7	12.0	84	0.5	5.5	4.9	385	6.81	4.4	<0.5	0.6	8	0.1	0.3	0.1	202	0.14	0.069	3		
LT 1250DL 048	Soil	0.6	30.3	10.9	135	0.5	7.1	8.8	1623	5.03	3.9	0.6	0.4	10	0.3	0.2	0.1	124	0.12	0.069	3		
LT 1250DL 049	Soil	0.5	17.9	12.2	93	0.8	7.0	6.1	441	4.45	4.6	<0.5	0.8	8	0.3	0.2	<0.1	100	0.09	0.029	3		
LT 1250DL 050	Soil	0.8	18.9	19.8	213	1.0	6.9	8.3	1018	3.94	3.5	<0.5	0.7	9	0.9	0.2	0.1	106	0.14	0.036	8		
LT 1250DL 051	Soil	0.6	25.6	12.4	171	1.6	8.2	8.0	686	3.73	4.7	<0.5	0.6	10	0.3	0.2	<0.1	101	0.14	0.071	3		
LT 1250DL 052	Soil	0.7	14.2	12.0	145	0.5	6.1	6.1	526	4.16	4.3	<0.5	0.4	8	0.4	0.2	<0.1	116	0.11	0.032	3		
LT 1250DL 053	Soil	0.4	9.9	10.1	152	0.3	6.5	6.5	539	3.63	4.8	<0.5	0.6	6	0.3	0.2	<0.1	79	0.12	0.088	2		
LT 1250DL 054	Soil	0.6	10.6	9.6	202	0.5	5.7	6.8	897	3.63	4.9	1.1	0.5	6	1.0	0.2	<0.1	73	0.12	0.196	4		
LT 1250DL 055	Soil	0.8	23.4	7.1	78	0.9	9.9	6.6	496	5.33	7.1	<0.5	0.4	10	0.3	0.2	<0.1	108	0.16	0.091	4		
LT 1250DL 056	Soil	0.5	14.3	10.4	154	0.7	7.3	6.1	640	4.52	8.1	<0.5	0.2	15	0.3	0.2	<0.1	107	0.23	0.052	3		
LT 1250DL 057	Soil	0.7	48.7	9.4	129	2.2	8.8	7.8	579	3.23	6.7	0.5	0.2	12	0.3	0.1	<0.1	87	0.17	0.053	4		
LT 1250DL 058	Soil	0.7	30.5	14.5	159	0.6	7.3	5.9	658	2.85	4.3	7.5	0.7	5	0.2	0.1	<0.1	58	0.07	0.054	5		
LT 1250DL 059	Soil	0.5	38.0	8.5	112	6.0	7.9	6.7	646	3.62	6.5	<0.5	0.5	9	0.3	0.2	<0.1	103	0.10	0.037	3		
LT 1250DL 060	Soil	0.7	12.0	19.5	158	0.5	8.4	8.1	599	4.76	6.8	7.7	1.1	4	0.2	0.2	<0.1	94	0.09	0.237	3		





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Page:

3 of 9

Part: 2 of 1

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Method	Analyte	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
LT 1250DL 031	Soil	18	0.29	85	0.084	<20	4.02	0.010	0.03	0.2	0.18	4.8	<0.1	<0.05	9	<0.5	<0.2
LT 1250DL 032	Soil	18	0.38	95	0.135	<20	3.81	0.008	0.03	0.1	0.11	6.0	<0.1	<0.05	11	<0.5	<0.2
LT 1250DL 033	Soil	18	0.48	86	0.096	<20	3.17	0.008	0.04	0.1	0.11	4.9	<0.1	<0.05	10	<0.5	<0.2
LT 1250DL 034	Soil	13	0.27	79	0.065	<20	2.21	0.009	0.04	<0.1	0.08	5.9	<0.1	<0.05	9	<0.5	<0.2
LT 1250DL 035	Soil	23	0.64	257	0.082	<20	3.00	0.008	0.03	<0.1	0.08	6.4	<0.1	<0.05	7	<0.5	<0.2
LT 1250DL 036	Soil	21	0.50	216	0.135	<20	1.83	0.008	0.04	<0.1	0.05	3.8	<0.1	<0.05	12	<0.5	<0.2
LT 1250DL 037	Soil	22	0.53	118	0.070	<20	2.92	0.005	0.03	<0.1	0.09	4.5	<0.1	<0.05	7	<0.5	<0.2
LT 1250DL 038	Soil	25	0.57	128	0.092	<20	3.18	0.007	0.04	0.1	0.15	4.5	<0.1	<0.05	6	<0.5	<0.2
LT 1250DL 039	Soil	23	0.57	115	0.070	<20	2.46	0.007	0.03	<0.1	0.11	5.6	<0.1	<0.05	7	<0.5	<0.2
LT 1250DL 040	Soil	21	0.42	130	0.068	<20	2.28	0.004	0.04	0.1	0.12	4.8	<0.1	<0.05	8	<0.5	<0.2
LT 1250DL 041	Soil	21	0.48	101	0.123	<20	2.11	0.006	0.03	0.1	0.07	4.3	<0.1	<0.05	8	<0.5	<0.2
LT 1250DL 042	Soil	25	0.56	394	0.241	<20	2.51	0.011	0.02	0.1	0.07	14.7	<0.1	<0.05	9	<0.5	<0.2
LT 1250DL 043	Soil	14	0.27	140	0.109	<20	1.49	0.006	0.02	0.1	0.04	3.4	<0.1	<0.05	8	<0.5	<0.2
LT 1250DL 044	Soil	15	0.29	173	0.148	<20	1.34	0.005	0.02	0.1	0.05	2.8	<0.1	<0.05	9	<0.5	<0.2
LT 1250DL 045	Soil	15	0.35	91	0.129	<20	2.12	0.005	0.02	0.1	0.11	3.3	<0.1	<0.05	8	<0.5	<0.2
LT 1250DL 046	Soil	18	0.50	172	0.198	<20	1.99	0.006	0.02	0.1	0.06	4.6	<0.1	<0.05	10	<0.5	<0.2
LT 1250DL 047	Soil	17	0.26	101	0.322	<20	2.26	0.004	0.02	0.1	0.12	4.0	<0.1	<0.05	14	<0.5	<0.2
LT 1250DL 048	Soil	16	0.34	169	0.152	<20	1.61	0.007	0.02	<0.1	0.07	3.4	<0.1	<0.05	9	<0.5	<0.2
LT 1250DL 049	Soil	20	0.37	76	0.136	<20	2.37	0.006	0.02	<0.1	0.09	4.5	<0.1	<0.05	7	<0.5	<0.2
LT 1250DL 050	Soil	16	0.38	246	0.172	<20	1.39	0.007	0.03	0.1	0.05	4.4	<0.1	<0.05	9	<0.5	<0.2
LT 1250DL 051	Soil	17	0.41	129	0.141	<20	2.55	0.006	0.02	0.1	0.16	5.2	<0.1	<0.05	6	<0.5	<0.2
LT 1250DL 052	Soil	16	0.37	133	0.169	<20	1.40	0.006	0.02	<0.1	0.06	3.3	<0.1	<0.05	8	<0.5	<0.2
LT 1250DL 053	Soil	14	0.40	86	0.099	<20	1.43	0.005	0.02	0.1	0.04	3.7	<0.1	<0.05	6	<0.5	<0.2
LT 1250DL 054	Soil	13	0.31	111	0.130	<20	2.01	0.007	0.03	0.1	0.10	3.6	<0.1	<0.05	8	<0.5	<0.2
LT 1250DL 055	Soil	22	0.44	111	0.101	<20	2.50	0.009	0.02	0.1	0.13	5.1	<0.1	<0.05	9	<0.5	<0.2
LT 1250DL 056	Soil	17	0.41	193	0.122	<20	1.51	0.007	0.02	<0.1	0.08	3.2	<0.1	<0.05	9	<0.5	<0.2
LT 1250DL 057	Soil	18	0.49	101	0.082	<20	2.48	0.007	0.02	<0.1	0.10	6.4	<0.1	<0.05	5	<0.5	<0.2
LT 1250DL 058	Soil	13	0.46	157	0.039	<20	3.97	0.007	0.02	0.1	0.19	5.9	<0.1	<0.05	10	<0.5	<0.2
LT 1250DL 059	Soil	21	0.47	140	0.122	<20	2.40	0.007	0.01	<0.1	0.13	6.5	<0.1	<0.05	6	<0.5	<0.2
LT 1250DL 060	Soil	22	0.37	48	0.124	<20	3.62	0.007	0.03	0.1	0.13	5.7	<0.1	<0.05	10	<0.5	<0.2



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None Given

Report Date:

October 03, 2012

Page:

4 of 9

Part: 1 of 1

# CERTIFICATE OF ANALYSIS

SMI12000349.1

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 Au	1DX Th	1DX Sr	1DX Cd	1DX Sb	1DX Bi	1DX V	1DX Ca	1DX P	1DX La
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
				0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
LT 1250DL 061	Soil			0.5	14.0	9.8	157	0.3	8.6	8.9	649	4.22	6.7	0.6	0.6	8	0.1	0.2	<0.1	80	0.16	0.209	3
LT 1250DL 062	Soil			0.6	9.1	14.8	157	0.2	6.7	6.8	484	4.64	5.2	<0.5	0.7	5	0.1	0.2	<0.1	98	0.09	0.156	3
LT 1250DL 063	Soil			0.4	25.2	23.8	113	0.3	11.8	9.4	556	3.74	7.7	<0.5	1.0	10	<0.1	0.2	<0.1	87	0.15	0.041	4
LT 1250DL 064	Soil			0.6	14.4	11.2	162	0.5	8.2	8.0	658	3.76	7.8	<0.5	0.7	7	0.1	0.2	<0.1	83	0.11	0.048	3
LT 1250DL 065	Soil			0.6	23.5	11.5	213	0.5	9.7	8.6	841	4.38	11.3	1.1	0.4	14	0.2	0.2	<0.1	99	0.36	0.043	3
LT 1250DL 066	Soil			0.4	8.5	12.1	114	0.4	4.4	5.4	1171	3.51	3.3	<0.5	0.3	5	0.1	0.2	<0.1	77	0.09	0.106	4
LT 1250DL 067A	Soil			0.6	14.1	6.6	85	0.3	9.7	9.6	382	3.88	5.5	0.6	0.9	9	0.1	0.2	<0.1	91	0.14	0.184	3
LT 1250DL 067B	Soil			0.5	13.3	7.0	86	0.3	10.0	9.4	420	4.42	6.6	1.6	1.0	10	0.1	0.2	<0.1	100	0.14	0.262	3
LT 1250DL 068	Soil			0.4	22.8	8.4	148	0.2	16.1	11.9	680	3.76	8.7	<0.5	1.2	8	0.2	0.2	<0.1	89	0.11	0.201	3
LT 1250DL 069	Soil			0.5	11.6	6.6	105	0.2	10.8	8.3	350	3.65	5.3	0.8	0.7	9	0.2	0.2	<0.1	79	0.16	0.116	4
LT 1250DL 070	Soil			0.6	9.4	6.2	91	0.6	9.6	6.5	350	3.88	4.0	0.7	0.7	11	<0.1	0.2	<0.1	79	0.16	0.047	3
LT 1250DL 071	Soil			0.5	20.4	9.7	102	0.5	23.1	13.0	586	4.01	6.0	1.5	1.2	14	0.2	0.2	<0.1	79	0.14	0.075	6
WT 1250DL 001	Soil			0.5	16.7	6.5	56	<0.1	18.3	9.7	624	2.56	7.4	6.5	1.0	35	0.2	0.6	0.3	63	0.27	0.027	9
WT 1250DL 002	Soil			0.4	11.0	4.8	95	<0.1	28.2	8.1	389	2.81	5.1	9.2	0.9	29	<0.1	0.2	0.1	59	0.13	0.069	5
WT 1250DL 003	Soil			0.8	20.9	8.3	127	0.2	23.7	9.5	543	3.67	9.9	6.6	0.7	26	0.3	0.3	0.3	78	0.28	0.042	6
WT 1250DL 004	Soil			0.4	11.7	5.4	79	0.1	16.5	7.4	323	2.73	7.5	7.8	0.6	33	<0.1	0.1	<0.1	65	0.40	0.086	4
WT 1250DL 005	Soil			0.3	23.1	5.6	78	0.2	23.4	8.9	551	2.75	5.0	5.5	0.8	27	<0.1	<0.1	<0.1	62	0.21	0.025	7
WT 1250DL 006	Soil			0.5	11.2	5.0	79	0.1	15.0	5.9	213	2.75	6.1	4.1	0.7	16	<0.1	<0.1	<0.1	60	0.15	0.053	4
WT 1250DL 007	Soil			0.3	7.5	4.4	75	<0.1	15.2	5.1	162	2.75	5.3	3.1	0.9	19	<0.1	<0.1	<0.1	55	0.15	0.029	4
WT 1250DL 008	Soil			0.3	7.2	4.0	34	<0.1	8.8	3.5	148	1.92	4.4	1.6	0.7	16	0.1	0.3	0.5	49	0.12	0.018	8
WT 1250DL 009	Soil			0.4	10.7	5.4	82	0.1	13.0	6.0	225	3.26	8.5	3.7	0.7	17	<0.1	<0.1	<0.1	67	0.19	0.154	4
WT 1250DL 010	Soil			0.5	11.6	4.7	57	<0.1	18.6	7.2	238	3.24	10.5	1.2	0.7	15	<0.1	<0.1	<0.1	74	0.13	0.072	4
WT 1250DL 011	Soil			0.2	7.2	4.4	49	<0.1	12.2	4.4	183	2.00	4.5	0.7	0.5	19	<0.1	<0.1	<0.1	49	0.17	0.055	5
WT 1250DL 012	Soil			0.4	7.7	5.1	64	<0.1	11.9	4.7	155	2.82	5.6	1.8	0.6	15	<0.1	<0.1	<0.1	58	0.13	0.057	4
WT 1250DL 013	Soil			0.3	10.9	5.1	50	<0.1	16.9	6.1	190	2.68	6.2	1.3	1.1	21	<0.1	<0.1	<0.1	57	0.14	0.050	4
WT 1250DL 014	Soil			0.3	7.6	5.1	61	0.1	8.2	3.2	134	2.30	4.1	<0.5	0.3	13	<0.1	<0.1	<0.1	50	0.10	0.081	4
WT 1250DL 015	Soil			0.5	13.3	4.6	48	<0.1	22.8	7.9	199	2.79	6.4	<0.5	1.3	20	<0.1	<0.1	<0.1	57	0.15	0.037	5
WT 1250DL 016	Soil			0.3	8.6	4.6	48	<0.1	21.7	8.1	196	2.55	5.0	0.8	0.9	17	<0.1	<0.1	<0.1	55	0.13	0.031	5
WT 1250DL 017	Soil			0.4	6.9	4.5	69	<0.1	12.9	5.8	240	2.42	4.2	1.4	0.7	13	<0.1	<0.1	<0.1	55	0.11	0.090	4
WT 1250DL 018	Soil			0.2	8.4	4.4	52	<0.1	16.3	6.3	153	2.25	4.5	1.3	0.7	21	<0.1	<0.1	<0.1	50	0.19	0.034	4



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Project:

None Given

Report Date:

October 03, 2012

Page:

4 of 9

Part: 2 of 1

# CERTIFICATE OF ANALYSIS

SMI1200349.1

Method	Analyte	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
MDL		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	
LT 1250DL 061	Soil	17	0.44	85	0.100	<20	2.58	0.007	0.03	0.1	0.06	3.9	<0.1	<0.05	8	<0.5	<0.2
LT 1250DL 062	Soil	17	0.37	68	0.125	<20	2.00	0.008	0.03	0.2	0.04	3.4	<0.1	<0.05	9	<0.5	<0.2
LT 1250DL 063	Soil	18	0.55	111	0.118	<20	2.78	0.008	0.03	0.1	0.05	6.1	<0.1	<0.05	6	<0.5	<0.2
LT 1250DL 064	Soil	15	0.41	104	0.107	<20	1.88	0.006	0.02	0.1	0.05	4.3	<0.1	<0.05	7	<0.5	<0.2
LT 1250DL 065	Soil	18	0.54	166	0.102	<20	1.93	0.007	0.04	0.1	0.07	5.6	<0.1	<0.05	7	<0.5	<0.2
LT 1250DL 066	Soil	13	0.21	77	0.080	<20	1.43	0.007	0.02	<0.1	0.05	2.9	<0.1	<0.05	8	<0.5	<0.2
LT 1250DL 067A	Soil	21	0.40	71	0.086	<20	2.69	0.006	0.02	0.1	0.10	4.3	<0.1	<0.05	7	<0.5	<0.2
LT 1250DL 067B	Soil	22	0.42	82	0.085	<20	2.74	0.007	0.03	0.1	0.11	4.5	<0.1	<0.05	8	<0.5	<0.2
LT 1250DL 068	Soil	22	0.55	93	0.088	<20	3.54	0.006	0.03	0.1	0.06	5.0	<0.1	<0.05	6	<0.5	<0.2
LT 1250DL 069	Soil	19	0.40	119	0.081	<20	2.28	0.006	0.02	<0.1	0.06	4.5	<0.1	<0.05	6	<0.5	<0.2
LT 1250DL 070	Soil	23	0.44	87	0.115	<20	1.98	0.006	0.02	0.1	0.09	3.2	<0.1	<0.05	7	<0.5	<0.2
LT 1250DL 071	Soil	31	0.73	142	0.072	<20	3.42	0.006	0.04	<0.1	0.07	6.8	<0.1	<0.05	8	<0.5	<0.2
WT 1250DL 001	Soil	24	0.56	76	0.054	<20	1.38	0.011	0.04	<0.1	0.02	5.2	<0.1	<0.05	4	<0.5	<0.2
WT 1250DL 002	Soil	25	0.38	175	0.035	<20	1.63	0.007	0.05	<0.1	0.03	3.2	<0.1	<0.05	5	<0.5	<0.2
WT 1250DL 003	Soil	30	0.44	129	0.044	<20	1.80	0.008	0.05	0.2	0.02	3.9	<0.1	<0.05	8	<0.5	<0.2
WT 1250DL 004	Soil	21	0.41	76	0.038	<20	1.38	0.006	0.04	<0.1	0.02	3.4	<0.1	<0.05	5	<0.5	<0.2
WT 1250DL 005	Soil	31	0.52	124	0.027	<20	1.68	0.007	0.06	<0.1	0.02	4.3	<0.1	<0.05	6	<0.5	<0.2
WT 1250DL 006	Soil	21	0.29	96	0.034	<20	1.59	0.005	0.04	<0.1	0.03	2.7	<0.1	<0.05	5	<0.5	<0.2
WT 1250DL 007	Soil	21	0.30	104	0.045	<20	1.53	0.008	0.03	<0.1	0.02	2.7	<0.1	<0.05	5	<0.5	<0.2
WT 1250DL 008	Soil	16	0.23	60	0.037	<20	0.88	0.006	0.03	<0.1	<0.01	2.7	<0.1	<0.05	4	<0.5	<0.2
WT 1250DL 009	Soil	23	0.29	72	0.037	<20	1.79	0.005	0.04	<0.1	0.06	3.5	<0.1	<0.05	6	<0.5	<0.2
WT 1250DL 010	Soil	23	0.37	63	0.043	<20	1.61	0.005	0.03	<0.1	0.02	3.4	<0.1	<0.05	6	<0.5	<0.2
WT 1250DL 011	Soil	17	0.33	75	0.034	<20	1.21	0.004	0.03	<0.1	0.02	2.6	<0.1	<0.05	4	<0.5	<0.2
WT 1250DL 012	Soil	22	0.26	69	0.041	<20	1.84	0.010	0.04	<0.1	0.05	3.1	<0.1	<0.05	6	<0.5	<0.2
WT 1250DL 013	Soil	22	0.33	67	0.036	<20	1.73	0.007	0.03	<0.1	0.02	3.2	<0.1	<0.05	5	<0.5	<0.2
WT 1250DL 014	Soil	15	0.19	51	0.025	<20	1.22	0.007	0.03	<0.1	0.03	2.2	<0.1	<0.05	5	<0.5	<0.2
WT 1250DL 015	Soil	23	0.38	96	0.038	<20	1.71	0.007	0.03	<0.1	0.02	3.4	<0.1	<0.05	5	<0.5	<0.2
WT 1250DL 016	Soil	24	0.35	118	0.044	<20	1.61	0.010	0.03	<0.1	0.04	2.9	<0.1	<0.05	4	<0.5	<0.2
WT 1250DL 017	Soil	18	0.28	83	0.030	<20	1.45	0.006	0.03	0.2	0.01	2.5	<0.1	<0.05	5	<0.5	<0.2
WT 1250DL 018	Soil	17	0.28	72	0.042	<20	1.35	0.006	0.04	<0.1	0.02	2.4	<0.1	<0.05	4	<0.5	<0.2



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Page:

5 of 9

Part: 1 of 1

# CERTIFICATE OF ANALYSIS

SMI12000349.1

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 Au	1DX Th	1DX Sr	1DX Cd	1DX Sb	1DX Bi	1DX V	1DX Ca	1DX P	1DX La
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
				0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
WT 1250DL 019	Soil			0.3	11.3	5.6	71	<0.1	17.4	8.5	466	2.50	3.0	1.8	0.8	17	<0.1	<0.1	<0.1	59	0.15	0.028	6
WT 1250DL 020	Soil			0.3	12.3	4.6	111	<0.1	17.7	6.9	175	2.33	4.7	2.2	1.1	23	<0.1	<0.1	<0.1	49	0.17	0.031	4
WT 1250DL 021	Soil			0.5	16.0	4.8	81	<0.1	26.6	9.0	243	2.92	6.7	<0.5	1.2	14	<0.1	<0.1	<0.1	58	0.08	0.072	4
WT 1250DL 022	Soil			0.5	7.9	4.8	57	<0.1	14.4	5.6	211	2.86	6.1	<0.5	0.8	13	<0.1	<0.1	<0.1	62	0.07	0.067	4
WT 1250DL 023	Soil			0.3	10.0	4.2	56	<0.1	16.3	5.9	269	2.29	5.4	1.0	0.9	25	<0.1	<0.1	<0.1	49	0.15	0.064	4
WT 1250DL 024	Soil			0.1	8.7	3.9	52	<0.1	17.4	6.6	189	1.92	4.0	<0.5	1.1	21	<0.1	<0.1	<0.1	43	0.12	0.067	5
WT 1250DL 025	Soil			0.5	11.8	4.0	75	0.1	28.4	9.3	212	2.51	3.2	1.2	1.0	16	<0.1	<0.1	<0.1	52	0.11	0.069	6
WT 1250DL 026	Soil			0.2	8.0	3.6	44	<0.1	14.3	4.5	200	1.90	3.0	2.1	0.7	23	<0.1	<0.1	<0.1	42	0.13	0.029	5
WT 1250DL 027	Soil			0.3	11.3	6.4	56	0.1	15.2	6.1	252	3.16	7.1	6.6	0.7	16	<0.1	<0.1	<0.1	76	0.11	0.035	6
WT 1250DL 028	Soil			1.0	17.7	5.6	68	0.1	26.7	9.0	327	3.81	12.9	0.6	0.6	29	<0.1	<0.1	<0.1	77	0.18	0.050	5
WT 1250DL 029	Soil			0.2	11.6	3.9	58	<0.1	16.3	6.3	203	1.96	3.9	1.2	1.3	18	<0.1	<0.1	<0.1	43	0.10	0.026	4
WT 1250DL 030	Soil			0.8	7.3	5.5	39	<0.1	10.1	3.9	205	2.54	18.1	<0.5	0.6	14	<0.1	0.1	<0.1	75	0.15	0.025	4
WT 1250DL 031	Soil			0.8	13.6	5.5	77	0.1	17.2	8.1	253	3.56	5.9	0.6	0.7	19	<0.1	<0.1	<0.1	72	0.24	0.054	4
WT 1250DL 032	Soil			0.4	6.1	4.7	61	<0.1	9.3	4.0	141	1.99	4.0	0.8	0.6	12	<0.1	<0.1	<0.1	46	0.12	0.051	3
WT 1250DL 033	Soil			0.5	11.7	4.3	55	<0.1	14.7	5.7	230	2.44	5.6	1.0	0.8	19	<0.1	<0.1	<0.1	52	0.18	0.058	4
WT 1250DL 034	Soil			0.4	19.5	6.8	56	<0.1	16.6	8.1	356	2.68	9.3	<0.5	1.0	21	<0.1	0.2	<0.1	57	0.16	0.063	5
WT 1250DL 035	Soil			2.7	84.0	4.7	49	<0.1	17.2	6.7	235	2.34	6.0	<0.5	1.3	23	<0.1	<0.1	<0.1	48	0.19	0.053	4
WT 1250DL 036	Soil			0.3	11.4	5.5	59	<0.1	17.3	7.0	256	2.71	7.3	<0.5	0.6	20	<0.1	<0.1	<0.1	66	0.16	0.026	4
WT 1250DL 037	Soil			0.4	7.7	5.6	50	0.1	11.9	5.4	205	2.45	4.5	1.7	0.8	11	0.1	<0.1	<0.1	57	0.09	0.025	5
WT 1250DL 038	Soil			0.4	11.9	5.8	73	<0.1	17.6	8.4	287	3.06	7.6	2.3	0.5	25	0.2	0.2	<0.1	71	0.27	0.022	4
WT 1250DL 039	Soil			0.4	14.2	5.4	68	<0.1	18.4	7.5	300	3.32	9.3	0.9	0.7	15	0.2	0.1	<0.1	71	0.14	0.034	5
WT 1250DL 040	Soil			0.4	8.5	4.9	130	0.1	14.8	7.7	468	2.78	4.5	1.4	0.6	11	0.2	<0.1	<0.1	61	0.13	0.092	4
WT 1250DL 041	Soil			0.5	11.9	5.2	59	<0.1	20.4	8.5	239	3.47	8.1	0.9	0.8	12	0.1	0.1	<0.1	69	0.11	0.069	5
WT 1250DL 042	Soil			0.3	15.0	5.0	69	<0.1	23.8	7.7	222	2.76	5.4	0.7	0.8	27	<0.1	0.1	<0.1	59	0.15	0.038	4
WT 1250DL 043	Soil			0.3	10.1	5.0	81	<0.1	19.7	8.2	349	2.60	5.2	2.5	1.6	8	<0.1	0.1	<0.1	51	0.10	0.161	5
WT 1250DL 044	Soil			0.4	9.4	5.2	136	0.1	18.5	7.8	688	3.05	6.3	1.0	0.9	16	0.2	<0.1	<0.1	68	0.17	0.180	5
WT 1250DL 045	Soil			0.4	17.4	4.9	119	0.1	31.0	9.1	401	3.34	6.3	<0.5	1.0	26	<0.1	<0.1	<0.1	69	0.26	0.077	5
WT 1250DL 046	Soil			0.4	11.3	6.3	82	<0.1	21.0	7.0	227	3.76	8.2	<0.5	1.0	17	0.1	0.1	<0.1	85	0.14	0.113	5
WT 1250DL 047	Soil			0.5	21.0	6.7	131	0.2	38.7	10.9	479	3.46	7.7	0.5	1.2	26	0.1	<0.1	<0.1	67	0.20	0.053	8
WT 1250DL 048	Soil			0.4	8.0	3.4	74	0.1	14.4	5.5	206	2.28	4.3	4.2	0.6	24	<0.1	<0.1	<0.1	50	0.17	0.041	5



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October 03, 2012

Page:

5 of 9

Part: 2 of 1

# CERTIFICATE OF ANALYSIS

SMI12000349.1

Method	Analyte	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
MDL		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	
WT 1250DL 019	Soil	26	0.34	138	0.031	<20	1.94	0.009	0.06	<0.1	0.03	3.6	<0.1	<0.05	7	<0.5	<0.2
WT 1250DL 020	Soil	18	0.32	107	0.050	<20	1.48	0.007	0.03	<0.1	0.03	3.2	<0.1	<0.05	5	<0.5	<0.2
WT 1250DL 021	Soil	28	0.40	107	0.036	<20	2.66	0.007	0.04	<0.1	0.05	3.8	<0.1	<0.05	5	<0.5	<0.2
WT 1250DL 022	Soil	21	0.33	84	0.031	<20	1.56	0.007	0.03	<0.1	0.04	2.6	<0.1	<0.05	6	<0.5	<0.2
WT 1250DL 023	Soil	18	0.30	97	0.036	<20	1.35	0.007	0.04	<0.1	0.02	2.8	<0.1	<0.05	4	<0.5	<0.2
WT 1250DL 024	Soil	17	0.32	108	0.039	<20	1.35	0.007	0.04	<0.1	0.01	2.7	<0.1	<0.05	4	<0.5	<0.2
WT 1250DL 025	Soil	23	0.46	93	0.047	<20	1.87	0.007	0.05	<0.1	0.03	3.4	<0.1	<0.05	6	<0.5	<0.2
WT 1250DL 026	Soil	18	0.40	81	0.033	<20	1.07	0.006	0.04	<0.1	0.02	2.5	<0.1	<0.05	4	<0.5	<0.2
WT 1250DL 027	Soil	25	0.39	100	0.035	<20	1.75	0.008	0.03	<0.1	0.03	4.0	<0.1	<0.05	7	<0.5	<0.2
WT 1250DL 028	Soil	30	0.65	94	0.051	<20	2.20	0.008	0.03	<0.1	0.06	3.9	<0.1	<0.05	7	<0.5	<0.2
WT 1250DL 029	Soil	19	0.39	89	0.039	<20	1.46	0.007	0.03	<0.1	0.03	3.0	<0.1	<0.05	4	<0.5	<0.2
WT 1250DL 030	Soil	16	0.17	56	0.048	<20	0.83	0.007	0.04	<0.1	0.02	2.4	<0.1	<0.05	5	<0.5	<0.2
WT 1250DL 031	Soil	21	0.38	84	0.087	<20	1.77	0.008	0.04	<0.1	0.02	3.7	<0.1	<0.05	7	<0.5	<0.2
WT 1250DL 032	Soil	14	0.22	67	0.037	<20	1.22	0.006	0.04	<0.1	0.02	2.2	<0.1	<0.05	4	<0.5	<0.2
WT 1250DL 033	Soil	17	0.36	85	0.037	<20	1.51	0.007	0.05	<0.1	0.03	2.7	<0.1	<0.05	4	<0.5	<0.2
WT 1250DL 034	Soil	21	0.45	107	0.042	<20	1.44	0.009	0.04	<0.1	0.04	3.6	<0.1	<0.05	5	<0.5	<0.2
WT 1250DL 035	Soil	19	0.42	124	0.041	<20	1.75	0.008	0.03	<0.1	0.02	3.3	<0.1	<0.05	5	<0.5	<0.2
WT 1250DL 036	Soil	21	0.38	87	0.054	<20	1.42	0.008	0.03	<0.1	0.01	2.9	<0.1	<0.05	5	<0.5	<0.2
WT 1250DL 037	Soil	18	0.27	59	0.042	<20	1.33	0.005	0.03	<0.1	0.03	2.7	<0.1	<0.05	5	<0.5	<0.2
WT 1250DL 038	Soil	22	0.44	101	0.055	<20	1.37	0.006	0.03	<0.1	0.02	2.9	<0.1	<0.05	5	<0.5	<0.2
WT 1250DL 039	Soil	23	0.41	100	0.053	<20	1.62	0.006	0.03	<0.1	0.04	3.5	<0.1	<0.05	6	<0.5	<0.2
WT 1250DL 040	Soil	20	0.35	100	0.038	<20	1.28	0.006	0.03	<0.1	0.02	3.0	<0.1	<0.05	6	<0.5	<0.2
WT 1250DL 041	Soil	24	0.40	108	0.042	<20	2.03	0.007	0.03	<0.1	0.04	3.7	<0.1	<0.05	6	<0.5	<0.2
WT 1250DL 042	Soil	25	0.50	112	0.033	<20	1.72	0.008	0.03	<0.1	0.02	3.4	<0.1	<0.05	5	<0.5	<0.2
WT 1250DL 043	Soil	23	0.32	65	0.038	<20	2.05	0.005	0.04	<0.1	0.05	3.1	<0.1	<0.05	5	<0.5	<0.2
WT 1250DL 044	Soil	24	0.30	90	0.041	<20	1.61	0.004	0.05	<0.1	0.03	2.9	<0.1	<0.05	6	<0.5	<0.2
WT 1250DL 045	Soil	31	0.56	129	0.025	<20	1.93	0.005	0.07	<0.1	0.02	4.3	<0.1	<0.05	7	<0.5	<0.2
WT 1250DL 046	Soil	26	0.37	94	0.053	<20	1.81	0.004	0.05	<0.1	0.02	3.4	<0.1	<0.05	7	<0.5	<0.2
WT 1250DL 047	Soil	34	0.68	119	0.032	<20	2.16	0.008	0.06	<0.1	0.03	4.6	<0.1	<0.05	7	<0.5	<0.2
WT 1250DL 048	Soil	19	0.33	93	0.034	<20	1.23	0.005	0.04	<0.1	0.02	2.6	<0.1	<0.05	5	<0.5	<0.2



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October 03, 2012

Page:

6 of 9

Part: 1 of 1

# CERTIFICATE OF ANALYSIS

SMI12000349.1

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 Au	1DX Th	1DX Sr	1DX Cd	1DX Sb	1DX Bi	1DX V	1DX Ca	1DX P	1DX La
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
				0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
WT 1250DL 049	Soil			0.3	8.1	3.6	57	<0.1	16.4	5.7	209	1.93	3.5	0.5	0.9	38	<0.1	<0.1	<0.1	44	0.22	0.039	7
WT 1250DL 050	Soil			0.3	11.7	3.9	52	<0.1	18.4	7.2	265	2.26	5.1	1.7	1.0	34	<0.1	0.1	<0.1	51	0.24	0.047	6
WT 1250DL 051	Soil			0.3	10.4	4.2	57	0.1	13.4	6.0	261	2.42	4.9	<0.5	0.3	30	0.1	0.1	<0.1	54	0.31	0.056	7
WT 1250DL 052	Soil			0.2	6.0	3.9	100	0.1	10.7	5.9	207	2.39	3.4	<0.5	0.6	12	0.2	<0.1	<0.1	53	0.11	0.161	4
WT 1250DL 053	Soil			0.2	8.2	4.0	67	<0.1	12.9	4.6	176	2.18	3.7	<0.5	0.6	19	<0.1	<0.1	<0.1	47	0.14	0.064	5
WT 1250DL 054	Soil			0.4	6.7	4.1	77	0.2	14.9	5.7	187	2.54	4.2	<0.5	0.5	18	0.1	<0.1	<0.1	53	0.17	0.106	4
WT 1250DL 055	Soil			0.3	9.6	4.2	48	<0.1	16.6	7.0	222	2.36	5.8	<0.5	0.9	13	<0.1	0.1	<0.1	48	0.11	0.102	4
WT 1250DL 056	Soil			0.5	10.7	4.1	70	<0.1	21.2	7.2	260	2.71	5.9	<0.5	0.6	23	<0.1	0.1	<0.1	49	0.16	0.148	4
WT 1250DL 057	Soil			0.2	4.4	3.1	39	<0.1	11.4	4.7	187	1.59	2.2	<0.5	0.7	22	<0.1	<0.1	<0.1	40	0.18	0.014	5
WT 1250DL 058	Soil			0.2	6.0	5.0	72	0.1	10.9	4.6	160	2.25	4.1	<0.5	0.8	12	<0.1	<0.1	<0.1	51	0.12	0.153	5
WT 1250DL 059	Soil			0.5	6.2	5.1	73	<0.1	14.1	6.1	159	2.55	3.8	<0.5	0.9	11	<0.1	<0.1	<0.1	53	0.10	0.106	5
WT 1250DL 060	Soil			0.4	9.7	4.9	121	0.1	16.6	8.8	1055	2.87	6.1	<0.5	1.1	10	0.2	0.1	<0.1	62	0.12	0.271	4
WT 1250DL 061	Soil			0.3	10.7	6.9	123	0.1	14.6	8.4	396	3.79	6.7	<0.5	0.7	28	0.3	<0.1	<0.1	77	0.26	0.361	5
WT 1250DL 062	Soil			0.4	11.3	5.2	99	0.1	21.4	6.8	367	3.83	6.4	<0.5	0.5	16	0.1	<0.1	<0.1	84	0.15	0.122	4
WT 1250DL 063	Soil			0.5	16.1	5.5	113	<0.1	36.5	10.8	571	3.75	9.7	<0.5	1.6	25	0.1	<0.1	<0.1	72	0.17	0.162	5
WT 1250DL 064	Soil			0.5	10.5	7.3	73	0.2	7.5	6.3	304	3.12	5.4	0.9	0.3	27	0.3	0.1	<0.1	82	0.35	0.024	3
WT 1250DL 065	Soil			0.7	11.8	8.4	85	0.1	7.4	5.5	290	3.89	6.8	0.7	0.4	16	0.3	0.2	<0.1	105	0.24	0.025	4
WT 1250DL 066	Soil			0.3	10.0	7.3	100	0.2	9.5	7.9	406	4.39	7.1	<0.5	0.5	11	0.3	0.1	<0.1	95	0.19	0.193	3
WT 1250DL 067	Soil			0.5	16.4	7.3	104	<0.1	12.5	10.8	449	4.44	10.4	<0.5	0.7	11	0.4	0.1	<0.1	96	0.22	0.082	3
WT 1250DL 068	Soil			0.4	11.2	7.1	146	0.2	8.2	7.4	586	3.73	5.1	0.6	0.4	12	0.4	0.2	<0.1	81	0.22	0.116	3
WT 1250DL 069	Soil			0.4	16.6	5.7	73	<0.1	14.9	8.8	457	3.14	6.3	0.7	0.4	37	0.2	0.2	<0.1	74	0.55	0.034	4
WT 1250DL 070	Soil			0.6	16.9	7.2	117	0.3	17.9	10.3	437	4.58	8.5	0.6	0.6	14	0.3	0.2	<0.1	107	0.27	0.036	4
WT 1250DL 071	Soil			0.5	23.4	7.3	79	0.3	19.5	11.9	483	3.93	12.4	1.3	0.6	13	0.2	0.3	<0.1	81	0.17	0.061	3
WT 1250DL 072	Soil			0.5	11.4	6.2	82	0.2	8.9	6.1	280	3.65	6.9	<0.5	0.4	13	0.5	0.2	<0.1	99	0.21	0.021	3
WT 1250DL 073	Soil			0.4	21.7	7.6	111	0.2	26.2	11.6	483	4.43	9.9	<0.5	0.7	21	0.2	0.2	0.1	94	0.31	0.058	4
WT 1250DL 074	Soil			0.4	21.2	8.3	95	0.2	15.8	8.5	389	4.08	9.3	<0.5	0.4	22	0.2	0.2	<0.1	88	0.46	0.064	5
WT 1250DL 075	Soil			0.5	16.8	6.3	110	0.1	14.3	8.3	385	3.99	12.4	<0.5	0.7	12	0.1	0.3	<0.1	75	0.16	0.112	3
WT 1250DL 076	Soil			0.6	18.1	7.1	88	0.2	10.7	7.6	386	5.12	10.5	<0.5	1.0	12	0.2	0.2	<0.1	87	0.17	0.081	4
WT 1250DL 077	Soil			0.4	14.4	9.0	60	<0.1	6.9	4.3	283	3.57	4.9	<0.5	0.4	12	0.2	0.2	<0.1	64	0.17	0.122	4
WT 1250DL 078	Soil			0.3	15.7	7.5	86	0.1	12.5	8.3	520	3.69	6.8	<0.5	0.4	13	0.2	0.2	<0.1	76	0.24	0.071	5



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Page:

6 of 9

Part: 2 of 1

# CERTIFICATE OF ANALYSIS

SMI12000349.1

Method	Analyte	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
MDL		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	
WT 1250DL 049	Soil	20	0.37	100	0.036	<20	1.07	0.007	0.04	<0.1	0.01	2.9	<0.1	<0.05	4	<0.5	<0.2
WT 1250DL 050	Soil	21	0.38	103	0.038	<20	1.12	0.007	0.04	<0.1	<0.01	3.3	<0.1	<0.05	4	<0.5	<0.2
WT 1250DL 051	Soil	19	0.35	110	0.028	<20	1.27	0.007	0.06	<0.1	0.03	3.0	<0.1	<0.05	5	<0.5	<0.2
WT 1250DL 052	Soil	17	0.22	91	0.036	<20	1.29	0.005	0.05	<0.1	0.02	2.3	<0.1	<0.05	5	<0.5	<0.2
WT 1250DL 053	Soil	17	0.31	98	0.036	<20	1.29	0.006	0.05	<0.1	0.01	2.8	<0.1	<0.05	5	<0.5	<0.2
WT 1250DL 054	Soil	18	0.24	89	0.040	<20	1.53	0.006	0.04	<0.1	0.04	2.2	<0.1	<0.05	5	<0.5	<0.2
WT 1250DL 055	Soil	16	0.30	87	0.032	<20	1.40	0.006	0.03	<0.1	0.02	2.9	<0.1	<0.05	4	<0.5	<0.2
WT 1250DL 056	Soil	23	0.35	100	0.029	<20	2.03	0.006	0.04	<0.1	0.04	2.9	<0.1	<0.05	5	<0.5	<0.2
WT 1250DL 057	Soil	17	0.33	62	0.045	<20	0.83	0.008	0.02	<0.1	<0.01	2.4	<0.1	<0.05	4	<0.5	<0.2
WT 1250DL 058	Soil	20	0.21	81	0.036	<20	1.47	0.007	0.03	<0.1	0.03	2.7	<0.1	<0.05	5	<0.5	<0.2
WT 1250DL 059	Soil	23	0.24	80	0.042	<20	1.79	0.007	0.03	<0.1	0.02	2.9	<0.1	<0.05	6	<0.5	<0.2
WT 1250DL 060	Soil	23	0.32	72	0.054	<20	2.11	0.006	0.04	<0.1	0.03	3.6	<0.1	<0.05	5	<0.5	<0.2
WT 1250DL 061	Soil	24	0.34	121	0.053	<20	2.03	0.008	0.06	<0.1	0.05	3.9	<0.1	<0.05	9	<0.5	<0.2
WT 1250DL 062	Soil	29	0.35	95	0.032	<20	1.62	0.005	0.07	<0.1	0.03	3.5	<0.1	<0.05	7	<0.5	<0.2
WT 1250DL 063	Soil	33	0.49	173	0.033	<20	2.56	0.005	0.06	<0.1	0.03	4.8	<0.1	<0.05	7	<0.5	<0.2
WT 1250DL 064	Soil	15	0.41	122	0.069	<20	1.26	0.007	0.03	<0.1	0.04	4.2	<0.1	<0.05	6	<0.5	<0.2
WT 1250DL 065	Soil	18	0.34	132	0.067	<20	1.38	0.006	0.03	<0.1	0.02	4.4	<0.1	<0.05	8	<0.5	<0.2
WT 1250DL 066	Soil	19	0.48	74	0.056	<20	1.64	0.007	0.03	<0.1	0.03	5.0	<0.1	<0.05	8	<0.5	<0.2
WT 1250DL 067	Soil	21	0.54	82	0.064	<20	2.10	0.007	0.05	<0.1	0.02	6.2	<0.1	<0.05	7	<0.5	<0.2
WT 1250DL 068	Soil	18	0.39	140	0.058	<20	1.36	0.006	0.05	<0.1	0.03	4.6	<0.1	<0.05	7	<0.5	<0.2
WT 1250DL 069	Soil	22	0.62	126	0.064	<20	1.76	0.011	0.03	<0.1	0.02	5.7	<0.1	<0.05	6	<0.5	<0.2
WT 1250DL 070	Soil	29	0.61	106	0.093	<20	2.07	0.008	0.04	<0.1	0.04	6.0	<0.1	<0.05	9	<0.5	<0.2
WT 1250DL 071	Soil	26	0.69	99	0.058	<20	2.65	0.006	0.03	<0.1	0.05	5.6	<0.1	<0.05	6	<0.5	<0.2
WT 1250DL 072	Soil	20	0.40	64	0.081	<20	1.40	0.006	0.02	<0.1	0.02	4.2	<0.1	<0.05	6	<0.5	<0.2
WT 1250DL 073	Soil	32	0.84	138	0.083	<20	3.00	0.013	0.06	<0.1	0.04	7.4	<0.1	<0.05	9	<0.5	<0.2
WT 1250DL 074	Soil	25	0.58	154	0.071	<20	2.04	0.010	0.05	<0.1	0.03	6.5	<0.1	<0.05	9	<0.5	<0.2
WT 1250DL 075	Soil	23	0.54	74	0.055	<20	2.62	0.008	0.03	<0.1	0.07	5.8	<0.1	<0.05	7	<0.5	<0.2
WT 1250DL 076	Soil	20	0.49	63	0.043	<20	2.81	0.009	0.04	<0.1	0.04	7.8	<0.1	<0.05	9	<0.5	<0.2
WT 1250DL 077	Soil	15	0.32	73	0.068	<20	1.74	0.008	0.03	<0.1	0.04	4.9	<0.1	<0.05	9	<0.5	<0.2
WT 1250DL 078	Soil	19	0.60	97	0.071	<20	1.89	0.009	0.03	<0.1	0.02	5.8	<0.1	<0.05	7	<0.5	<0.2



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Project:

None Given

Report Date:

October 03, 2012

Page:

7 of 9

Part: 1 of 1

# CERTIFICATE OF ANALYSIS

SMI12000349.1

Method	Analyte	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%	%	%	
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	2	0.01	0.001	1	
WT 1250DL 079	Soil	0.3	14.5	6.3	72	0.2	10.7	7.9	395	3.38	8.2	<0.5	0.9	11	0.3	0.3	<0.1	68	0.15	0.140	3
R 1250DL 027	Soil	0.7	10.7	7.9	85	0.3	8.9	6.9	211	3.67	13.0	<0.5	1.6	13	0.2	0.6	<0.1	68	0.09	0.323	7
ROX 1250DL 028	Soil	0.7	14.7	11.3	105	0.2	14.6	10.0	438	3.58	21.6	1.4	1.4	21	0.2	0.7	0.1	68	0.18	0.382	5
ROX 1250DL 029	Soil	1.1	15.5	7.3	75	0.2	12.7	9.4	232	3.02	13.4	<0.5	1.1	28	0.2	0.5	0.1	56	0.18	0.176	6
ROX 1250DL 030	Soil	0.4	15.3	6.0	52	0.1	12.5	8.2	297	2.56	11.5	<0.5	1.3	22	0.1	0.7	<0.1	61	0.14	0.093	7
ROX 1250DL 031	Soil	1.1	15.3	8.5	62	0.2	15.1	9.8	226	3.55	16.2	<0.5	1.4	27	0.2	0.9	0.1	70	0.17	0.193	7
ROX 1250DL 032	Soil	0.8	9.3	7.7	84	0.2	5.8	3.4	147	3.02	7.1	<0.5	1.7	8	0.2	0.6	<0.1	51	0.06	0.210	7
ROX 1250DL 033	Soil	0.7	15.2	6.5	75	0.1	12.2	8.5	245	2.64	8.7	<0.5	1.2	23	<0.1	0.7	<0.1	55	0.13	0.204	7
ROX 1250DL 034	Soil	0.6	11.8	6.1	64	0.1	10.8	7.1	297	2.71	11.9	<0.5	1.0	23	0.2	0.6	<0.1	56	0.17	0.177	8
ROX 1250DL 035	Soil	0.8	10.8	8.1	95	0.2	10.5	10.3	422	3.20	21.4	<0.5	0.7	28	0.3	0.6	<0.1	63	0.22	0.367	8
ROX 1250DL 036	Soil	0.9	13.8	7.7	78	0.2	12.6	9.4	208	3.02	11.9	<0.5	1.1	20	0.1	0.6	0.1	58	0.12	0.232	4
ROX 1250DL 037	Soil	0.7	10.2	7.8	78	0.2	8.7	6.9	189	3.36	16.2	<0.5	1.4	16	0.3	0.7	<0.1	64	0.10	0.329	6
ROX 1250DL 038	Soil	0.8	12.8	7.2	74	0.2	11.6	9.1	352	3.10	20.5	<0.5	1.0	29	0.3	0.8	0.1	67	0.22	0.261	7
ROX 1250DL 039	Soil	0.6	13.9	8.1	47	0.1	11.7	8.1	262	2.97	12.9	<0.5	0.9	41	0.2	0.6	0.1	56	0.20	0.049	11
ROX 1250DL 040	Soil	0.8	11.7	9.3	68	0.2	9.6	7.4	274	3.15	11.2	<0.5	1.9	18	0.1	0.5	<0.1	66	0.12	0.264	6
ROX 1250DL 041	Soil	1.0	12.8	8.6	56	0.2	7.0	4.6	155	3.15	7.2	<0.5	1.4	12	<0.1	0.5	0.1	59	0.07	0.129	7
ROX 1250DL 042	Soil	0.8	12.2	6.8	103	0.1	11.5	10.1	364	3.05	11.5	<0.5	1.1	17	0.2	0.6	<0.1	63	0.14	0.225	6
ROX 1250DL 043	Soil	0.8	13.2	9.3	98	0.2	9.9	7.6	271	3.33	14.0	<0.5	0.8	18	0.3	0.7	0.1	59	0.15	0.296	7
ROX 1250DL 044	Soil	0.5	9.8	6.8	80	0.1	12.1	8.4	204	2.71	15.7	<0.5	1.1	25	<0.1	0.7	<0.1	53	0.16	0.180	6
ROX 1250DL 045	Soil	0.6	14.5	7.6	80	0.1	12.8	10.8	267	3.01	12.7	<0.5	1.5	23	0.2	0.6	<0.1	60	0.15	0.216	7
ROX 1250DL 046	Soil	0.6	12.0	8.3	102	0.2	10.1	8.6	364	3.07	15.9	<0.5	1.2	20	0.3	0.7	<0.1	61	0.15	0.272	6
ROX 1250DL 047	Soil	0.6	14.0	8.7	82	0.2	11.9	8.3	210	2.96	18.5	<0.5	0.7	25	0.2	0.6	0.1	56	0.21	0.240	6
ROX 1250DL 048	Soil	0.9	13.1	6.7	109	0.4	11.7	8.8	324	3.10	14.4	<0.5	1.6	26	0.3	0.7	<0.1	55	0.19	0.329	7
ROX 1250DL 049	Soil	0.7	4.4	10.6	66	<0.1	3.5	2.1	140	2.71	8.0	<0.5	2.7	17	0.2	0.3	<0.1	35	0.05	0.265	13
ROX 1250DL 050	Soil	0.7	14.3	8.9	76	0.1	14.2	9.7	241	3.18	9.3	<0.5	1.3	10	<0.1	0.6	0.1	58	0.06	0.086	6
ROX 1250DL 051	Soil	1.1	13.7	9.5	148	0.3	10.0	5.9	382	3.43	7.3	<0.5	1.7	12	0.2	0.6	0.1	50	0.08	0.189	14
ROX 1250DL 052	Soil	0.6	12.1	7.5	92	0.2	12.2	7.6	212	2.73	8.4	<0.5	1.1	49	0.1	0.5	<0.1	49	0.26	0.161	9
ROX 1250DL 053	Soil	0.7	10.6	7.3	98	0.2	10.4	7.0	186	3.08	8.1	<0.5	1.8	19	<0.1	0.4	<0.1	55	0.16	0.357	8
ROX 1250DL 054	Soil	1.0	11.1	8.2	98	0.4	11.2	8.8	199	3.57	16.0	<0.5	1.1	17	0.2	0.6	<0.1	64	0.08	0.281	5
ROX 1250DL 055	Soil	0.7	11.5	8.0	118	0.2	14.0	9.4	207	3.09	14.5	<0.5	1.1	20	0.2	0.6	<0.1	60	0.12	0.222	5





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Page:

7 of 9

Part: 2 of 1

# CERTIFICATE OF ANALYSIS

SMI1200349.1

Method	Analyte	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
WT 1250DL 079	Soil	18	0.53	71	0.077	<20	2.23	0.007	0.03	<0.1	0.07	5.6	<0.1	<0.05	6	<0.5	<0.2
R 1250DL 027	Soil	16	0.29	117	0.071	<20	3.18	0.012	0.04	<0.1	0.06	4.3	<0.1	<0.05	8	<0.5	<0.2
ROX 1250DL 028	Soil	16	0.33	114	0.059	<20	3.28	0.011	0.04	<0.1	0.05	3.9	<0.1	<0.05	7	<0.5	<0.2
ROX 1250DL 029	Soil	14	0.35	211	0.046	<20	2.97	0.010	0.05	<0.1	0.06	3.8	<0.1	<0.05	6	<0.5	<0.2
ROX 1250DL 030	Soil	16	0.37	142	0.068	<20	2.14	0.013	0.04	<0.1	0.03	3.8	<0.1	<0.05	4	<0.5	<0.2
ROX 1250DL 031	Soil	16	0.32	138	0.064	<20	3.37	0.013	0.05	<0.1	0.07	4.7	<0.1	<0.05	7	<0.5	<0.2
ROX 1250DL 032	Soil	14	0.21	88	0.068	<20	3.12	0.009	0.05	<0.1	0.17	3.6	<0.1	<0.05	7	<0.5	<0.2
ROX 1250DL 033	Soil	14	0.32	143	0.056	<20	2.43	0.010	0.04	<0.1	0.04	3.7	<0.1	<0.05	5	<0.5	<0.2
ROX 1250DL 034	Soil	14	0.33	136	0.056	<20	1.90	0.015	0.04	<0.1	0.05	3.5	<0.1	<0.05	5	<0.5	<0.2
ROX 1250DL 035	Soil	14	0.36	158	0.045	<20	2.50	0.010	0.05	<0.1	0.05	3.5	<0.1	<0.05	6	<0.5	<0.2
ROX 1250DL 036	Soil	14	0.32	153	0.047	<20	2.83	0.012	0.05	<0.1	0.07	3.1	<0.1	<0.05	7	<0.5	<0.2
ROX 1250DL 037	Soil	15	0.28	113	0.051	<20	3.78	0.010	0.05	<0.1	0.08	3.6	<0.1	<0.05	6	<0.5	<0.2
ROX 1250DL 038	Soil	15	0.36	160	0.056	<20	2.50	0.012	0.04	<0.1	0.04	3.9	<0.1	<0.05	5	<0.5	<0.2
ROX 1250DL 039	Soil	14	0.39	168	0.057	<20	2.27	0.016	0.04	<0.1	0.05	3.7	<0.1	<0.05	6	<0.5	<0.2
ROX 1250DL 040	Soil	15	0.26	116	0.066	<20	3.03	0.011	0.04	<0.1	0.06	3.8	<0.1	<0.05	7	<0.5	<0.2
ROX 1250DL 041	Soil	14	0.22	89	0.060	<20	2.64	0.009	0.06	<0.1	0.11	3.5	<0.1	<0.05	8	<0.5	<0.2
ROX 1250DL 042	Soil	15	0.32	120	0.058	<20	2.55	0.012	0.09	<0.1	0.05	3.7	<0.1	<0.05	6	<0.5	<0.2
ROX 1250DL 043	Soil	15	0.36	145	0.038	<20	2.34	0.014	0.05	<0.1	0.06	3.6	<0.1	<0.05	7	<0.5	<0.2
ROX 1250DL 044	Soil	12	0.35	118	0.038	<20	2.33	0.009	0.04	<0.1	0.04	3.3	<0.1	<0.05	5	<0.5	<0.2
ROX 1250DL 045	Soil	16	0.42	167	0.048	<20	2.81	0.016	0.05	<0.1	0.04	4.4	<0.1	<0.05	6	<0.5	<0.2
ROX 1250DL 046	Soil	14	0.33	124	0.048	<20	2.62	0.010	0.04	<0.1	0.04	3.7	<0.1	<0.05	6	<0.5	<0.2
ROX 1250DL 047	Soil	13	0.44	131	0.036	<20	2.82	0.008	0.08	<0.1	0.07	3.3	<0.1	<0.05	6	<0.5	<0.2
ROX 1250DL 048	Soil	13	0.33	135	0.053	<20	2.99	0.012	0.05	<0.1	0.08	3.5	<0.1	<0.05	7	<0.5	<0.2
ROX 1250DL 049	Soil	8	0.15	136	0.055	<20	2.72	0.009	0.06	<0.1	0.08	3.4	<0.1	<0.05	9	<0.5	<0.2
ROX 1250DL 050	Soil	15	0.37	176	0.043	<20	3.78	0.008	0.05	<0.1	0.08	4.1	<0.1	<0.05	8	<0.5	<0.2
ROX 1250DL 051	Soil	13	0.30	128	0.054	<20	3.13	0.006	0.06	<0.1	0.09	4.7	<0.1	<0.05	10	<0.5	<0.2
ROX 1250DL 052	Soil	12	0.37	214	0.042	<20	2.39	0.010	0.05	<0.1	0.04	3.5	<0.1	<0.05	6	<0.5	<0.2
ROX 1250DL 053	Soil	14	0.30	129	0.048	<20	3.19	0.008	0.05	<0.1	0.07	4.0	<0.1	<0.05	7	<0.5	<0.2
ROX 1250DL 054	Soil	13	0.31	116	0.045	<20	3.38	0.008	0.04	<0.1	0.09	3.9	<0.1	<0.05	8	<0.5	<0.2
ROX 1250DL 055	Soil	15	0.35	112	0.044	<20	3.03	0.007	0.06	<0.1	0.06	3.6	<0.1	<0.05	6	<0.5	<0.2



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Page:

8 of 9

Part: 1 of 1

# CERTIFICATE OF ANALYSIS

SMI12000349.1

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 Au	1DX Th	1DX Sr	1DX Cd	1DX Sb	1DX Bi	1DX V	1DX Ca	1DX P	1DX La
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
				0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
ROX 1250DL 056	Soil			0.7	15.8	8.5	91	0.2	13.6	7.8	189	3.52	12.9	<0.5	1.5	24	0.1	0.7	0.1	66	0.13	0.251	7
ROX 1250DL 057	Soil			0.6	14.6	9.0	95	0.2	7.3	5.1	134	3.53	7.9	0.7	1.4	10	0.1	0.4	0.1	72	0.08	0.359	5
ROX 1250DL 058	Soil			0.7	10.6	6.0	57	0.2	14.2	9.4	226	2.93	7.5	361.2	1.0	58	<0.1	0.4	0.1	64	0.36	0.062	5
ROX 1250DL 059	Soil			0.4	21.3	6.5	79	<0.1	21.2	15.1	395	3.81	5.4	<0.5	2.1	52	<0.1	0.3	0.1	72	0.32	0.139	8
ROX 1250DL 060	Soil			0.8	11.8	7.9	105	0.1	10.7	7.3	213	3.16	6.3	<0.5	1.4	14	0.1	0.3	0.1	55	0.13	0.202	5
ROX 1250DL 061	Soil			0.9	11.9	5.9	135	0.3	8.8	7.5	268	2.66	4.4	<0.5	1.1	16	0.3	0.4	<0.1	57	0.13	0.162	6
ROX 1250DL 062	Soil			0.9	13.5	5.5	140	0.2	12.1	9.4	347	2.76	7.3	<0.5	1.1	29	0.2	0.4	<0.1	59	0.21	0.265	6
ROX 1250DL 063	Soil			0.5	12.4	6.0	82	<0.1	12.2	9.2	243	2.87	7.1	<0.5	0.9	72	<0.1	0.4	<0.1	54	0.52	0.093	8
ROX 1250DL 064	Soil			0.6	9.7	6.5	88	<0.1	9.6	7.0	328	2.75	4.0	2.1	1.3	18	<0.1	0.4	<0.1	55	0.11	0.058	5
ROX 1250DL 065	Soil			1.1	16.5	10.6	124	0.2	11.4	7.6	320	2.87	9.6	<0.5	0.6	34	0.3	0.5	0.1	55	0.22	0.048	10
ROX 1250DL 066A	Soil			0.9	9.3	9.1	70	0.3	4.5	3.1	155	2.38	10.0	<0.5	0.6	7	0.3	0.4	0.1	56	0.07	0.082	4
ROX 1250DL 066B	Soil			1.1	9.7	9.3	85	0.3	5.6	3.8	177	2.49	11.4	<0.5	0.5	9	0.4	0.4	0.1	58	0.08	0.092	4
ROX 1250DL 067	Soil			1.2	10.9	11.2	120	0.2	8.8	5.6	246	3.63	21.3	<0.5	0.8	10	0.4	0.6	0.1	65	0.08	0.188	4
ROX 1250DL 068	Soil			1.1	10.6	11.3	110	0.3	6.5	6.2	247	3.41	15.2	<0.5	0.7	14	0.3	0.4	0.1	60	0.17	0.140	5
ROX 1250DL 069	Soil			1.2	18.2	11.1	105	0.1	9.9	8.5	270	3.50	17.7	2.1	0.9	25	0.3	0.6	0.2	62	0.18	0.038	5
ROX 1250DL 070	Soil			1.4	13.3	17.2	155	0.1	10.8	7.7	242	4.74	25.1	4.2	1.2	8	0.3	0.6	0.2	78	0.08	0.135	5
ROX 1250DL 071	Soil			1.4	13.0	14.6	137	0.1	11.3	6.7	237	4.08	23.0	1.0	0.9	13	0.2	0.6	0.2	63	0.11	0.160	4
ROX 1250DL 072	Soil			1.1	14.3	13.4	141	0.1	10.8	6.9	322	3.16	19.0	1.0	0.9	17	0.2	0.6	0.2	58	0.18	0.105	6
ROX 1250DL 073	Soil			1.1	10.2	10.5	117	0.2	7.3	5.1	309	3.05	17.5	0.7	0.5	18	0.3	0.5	0.2	57	0.12	0.139	4
ROX 1250DL 074	Soil			1.0	12.0	11.3	154	0.2	11.5	7.0	441	3.00	22.8	<0.5	0.8	11	0.6	0.6	0.1	55	0.12	0.238	5
ROX 1250DL 075	Soil			1.1	26.4	13.7	103	<0.1	12.8	9.1	358	3.15	17.0	1.8	1.7	9	0.2	0.8	0.1	61	0.08	0.124	6
ROX 1250DL 076	Soil			1.6	10.6	12.2	84	<0.1	8.4	4.9	183	3.55	17.0	<0.5	0.8	11	0.2	0.5	0.1	65	0.05	0.064	5
ROX 1250DL 077	Soil			1.0	16.5	11.5	110	<0.1	12.4	8.4	252	3.00	23.8	11.9	1.2	9	0.2	0.6	0.1	62	0.09	0.124	4
ROX 1250DL 078	Soil			1.1	10.8	15.3	126	0.3	7.8	5.0	303	2.57	17.9	0.9	0.2	25	0.4	0.5	0.2	55	0.23	0.065	5
R 1250DL 079	Soil			1.1	14.5	20.0	124	0.5	8.2	5.4	269	2.75	21.2	1.9	0.4	38	0.3	0.7	0.2	54	0.29	0.052	5
R 1250DL 080	Soil			1.1	12.9	14.1	136	0.3	7.6	5.0	228	3.33	16.6	1.1	0.6	12	0.5	0.6	0.2	62	0.07	0.073	4
R 1250DL 081	Soil			1.7	14.4	16.1	158	0.5	11.2	6.3	258	3.24	18.1	<0.5	0.6	32	0.3	0.5	0.2	59	0.22	0.080	6
R 1250DL 082	Soil			1.7	14.2	19.6	395	0.3	8.9	4.7	190	2.94	16.9	1.5	0.3	9	1.1	0.6	0.2	54	0.07	0.060	4
R 1250DL 083	Soil			1.3	13.5	14.7	160	0.6	7.2	5.9	229	3.11	14.0	1.7	0.7	9	0.4	0.5	0.3	65	0.06	0.053	5
R 1250DL 084	Soil			1.7	17.3	18.6	190	0.5	14.3	9.4	253	4.07	24.6	2.6	1.0	44	0.4	0.7	0.2	67	0.43	0.062	9



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Project:

None Given

Report Date:

October 03, 2012

Page:

8 of 9

Part: 2 of 1

# CERTIFICATE OF ANALYSIS

SMI12000349.1

Method	Analyte	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
MDL		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	
ROX 1250DL 056	Soil	16	0.40	175	0.041	<20	4.04	0.017	0.05	<0.1	0.06	4.3	<0.1	<0.05	8	0.5	<0.2
ROX 1250DL 057	Soil	16	0.26	130	0.048	<20	3.24	0.010	0.04	<0.1	0.08	3.7	<0.1	<0.05	9	<0.5	<0.2
ROX 1250DL 058	Soil	13	0.47	212	0.036	<20	2.74	0.013	0.04	<0.1	0.04	3.3	<0.1	<0.05	6	<0.5	<0.2
ROX 1250DL 059	Soil	15	0.66	290	0.035	<20	4.80	0.008	0.10	<0.1	0.04	7.5	<0.1	<0.05	9	<0.5	<0.2
ROX 1250DL 060	Soil	17	0.33	104	0.032	<20	3.10	0.014	0.05	<0.1	0.07	3.5	<0.1	<0.05	7	<0.5	<0.2
ROX 1250DL 061	Soil	14	0.32	124	0.048	<20	2.16	0.010	0.05	<0.1	0.04	3.4	<0.1	<0.05	7	<0.5	<0.2
ROX 1250DL 062	Soil	14	0.40	154	0.046	<20	3.15	0.011	0.05	<0.1	0.06	3.8	<0.1	<0.05	7	<0.5	<0.2
ROX 1250DL 063	Soil	12	0.77	208	0.019	<20	3.33	0.009	0.06	<0.1	0.03	4.2	<0.1	<0.05	7	<0.5	<0.2
ROX 1250DL 064	Soil	12	0.41	143	0.045	<20	2.84	0.007	0.04	<0.1	0.03	3.5	<0.1	<0.05	7	<0.5	<0.2
ROX 1250DL 065	Soil	14	0.43	117	0.016	<20	2.11	0.012	0.05	<0.1	0.03	3.8	0.1	<0.05	7	<0.5	<0.2
ROX 1250DL 066A	Soil	11	0.16	63	0.018	<20	1.12	0.008	0.04	<0.1	0.03	2.1	<0.1	<0.05	6	<0.5	<0.2
ROX 1250DL 066B	Soil	11	0.19	72	0.016	<20	1.26	0.012	0.04	<0.1	0.03	2.3	<0.1	<0.05	6	<0.5	<0.2
ROX 1250DL 067	Soil	15	0.33	121	0.017	<20	2.14	0.008	0.04	<0.1	0.06	3.3	<0.1	<0.05	7	<0.5	<0.2
ROX 1250DL 068	Soil	13	0.26	103	0.011	<20	1.84	0.007	0.06	<0.1	0.05	2.8	<0.1	<0.05	6	<0.5	<0.2
ROX 1250DL 069	Soil	16	0.39	137	0.013	<20	2.01	0.009	0.04	<0.1	0.04	3.7	0.2	<0.05	6	<0.5	<0.2
ROX 1250DL 070	Soil	18	0.39	97	0.015	<20	3.45	0.008	0.06	<0.1	0.09	4.8	0.1	<0.05	8	<0.5	<0.2
ROX 1250DL 071	Soil	16	0.37	111	0.014	<20	3.23	0.010	0.04	<0.1	0.05	3.8	0.1	<0.05	7	<0.5	<0.2
ROX 1250DL 072	Soil	15	0.42	121	0.012	<20	2.10	0.008	0.05	<0.1	0.03	3.9	0.1	<0.05	6	<0.5	<0.2
ROX 1250DL 073	Soil	13	0.26	80	0.013	<20	1.76	0.007	0.04	<0.1	0.05	2.3	0.1	<0.05	6	<0.5	<0.2
ROX 1250DL 074	Soil	15	0.38	122	0.021	<20	2.28	0.008	0.04	<0.1	0.06	3.3	<0.1	<0.05	6	<0.5	<0.2
ROX 1250DL 075	Soil	17	0.53	110	0.023	<20	2.80	0.007	0.05	<0.1	0.05	4.7	0.2	<0.05	6	<0.5	<0.2
ROX 1250DL 076	Soil	14	0.31	74	0.014	<20	1.77	0.006	0.04	<0.1	0.04	3.0	0.1	<0.05	7	<0.5	<0.2
ROX 1250DL 077	Soil	16	0.41	116	0.027	<20	2.24	0.008	0.04	<0.1	0.03	4.1	0.1	<0.05	5	<0.5	<0.2
ROX 1250DL 078	Soil	13	0.33	100	0.017	<20	1.37	0.010	0.05	<0.1	0.05	2.3	<0.1	<0.05	6	<0.5	<0.2
R 1250DL 079	Soil	13	0.36	106	0.010	<20	1.78	0.010	0.04	<0.1	0.03	2.7	<0.1	<0.05	5	<0.5	<0.2
R 1250DL 080	Soil	14	0.29	102	0.017	<20	2.15	0.007	0.05	<0.1	0.06	3.0	0.1	<0.05	7	<0.5	<0.2
R 1250DL 081	Soil	13	0.49	164	0.012	<20	2.22	0.009	0.05	<0.1	0.07	3.4	0.1	<0.05	6	<0.5	<0.2
R 1250DL 082	Soil	14	0.31	83	0.011	<20	1.87	0.007	0.04	<0.1	0.04	2.3	<0.1	<0.05	6	<0.5	<0.2
R 1250DL 083	Soil	12	0.27	112	0.011	<20	2.10	0.007	0.04	<0.1	0.04	3.0	0.2	<0.05	7	<0.5	<0.2
R 1250DL 084	Soil	15	0.47	197	0.009	<20	3.41	0.009	0.05	<0.1	0.07	4.9	0.2	<0.05	8	0.6	<0.2



## CERTIFICATE OF ANALYSIS

SMI12000349.1

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 Au	1DX Th	1DX Sr	1DX Cd	1DX Sb	1DX Bi	1DX V	1DX Ca	1DX P	1DX La
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
				0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
R 1250DL 085	Soil			1.1	10.8	8.5	83	0.3	7.2	5.5	257	2.75	5.5	1.2	1.4	6	0.1	0.5	0.1	48	0.05	0.154	6
R 1250DL 086	Soil			1.2	12.2	8.7	72	0.2	6.2	5.1	1284	2.73	7.2	2.2	2.0	6	0.2	0.6	0.1	42	0.04	0.264	10
R 1250DL 087	Soil			1.0	17.7	12.1	83	0.2	11.9	8.4	213	3.55	18.8	0.9	1.4	10	0.1	0.7	0.1	64	0.06	0.243	5
R 1250DL 088	Soil			0.5	14.6	7.8	77	0.2	9.9	6.3	174	2.35	6.7	1.2	1.5	10	0.1	0.4	0.1	50	0.05	0.186	5
R 1250DL 089	Soil			0.7	16.6	7.9	89	0.2	17.0	10.0	206	3.30	9.8	<0.5	1.8	13	0.2	0.7	<0.1	68	0.10	0.379	5
R 1250DL 090	Soil			0.8	19.4	7.2	71	0.1	10.8	6.8	192	2.94	11.3	<0.5	1.7	22	0.1	1.0	<0.1	65	0.18	0.173	6
R 1250DL 091	Soil			0.8	17.7	8.9	129	0.4	11.3	6.1	184	3.66	7.8	1.5	1.2	22	0.4	0.5	0.2	71	0.14	0.241	7
R 1250DL 092	Soil			0.7	22.2	6.7	117	0.6	16.0	8.6	247	3.70	10.9	1.0	0.5	53	0.3	0.4	0.1	73	0.30	0.278	8
R 1250DL 093	Soil			0.9	18.3	7.4	104	0.3	14.7	7.2	207	3.77	8.6	4.8	1.0	20	0.2	0.4	0.1	75	0.14	0.310	6
R 1250DL 094	Soil			0.6	19.9	8.5	108	0.3	13.7	8.0	193	3.74	6.6	1.1	1.2	10	0.2	0.3	0.1	75	0.09	0.312	6
R 1250DL 095	Soil			1.1	50.7	6.3	85	0.3	20.4	7.2	283	4.72	14.2	<0.5	4.9	14	0.1	0.4	<0.1	95	0.13	0.550	14
R 1250DL 096	Soil			0.9	17.9	8.9	101	0.4	11.6	7.0	169	3.67	7.9	0.5	1.0	17	0.2	0.4	0.1	71	0.14	0.428	8
R 1250DL 097	Soil			0.6	21.0	7.7	93	0.2	15.1	9.5	243	2.98	8.8	1.3	1.0	33	0.2	0.4	0.1	63	0.20	0.074	11
R 1250DL 098	Soil			0.9	17.2	7.7	82	0.2	11.9	9.1	215	3.45	11.4	<0.5	1.5	12	0.2	0.7	0.1	66	0.09	0.188	7
R 1250DL 099	Soil			0.8	17.3	8.6	93	0.1	14.6	9.5	214	3.25	10.4	0.5	1.9	12	0.1	0.5	0.1	70	0.06	0.215	9
R 1250DL 100	Soil			0.6	20.9	7.5	67	<0.1	17.2	11.5	237	3.29	11.2	<0.5	2.2	19	0.1	0.5	<0.1	66	0.10	0.188	6
R 1250DL 101	Soil			0.9	17.0	9.5	88	0.2	15.3	9.6	190	3.52	11.8	0.7	1.8	15	0.2	0.5	0.1	64	0.06	0.164	7
R 1250DL 102	Soil			0.7	17.2	8.7	87	0.2	13.3	8.2	202	3.43	9.0	0.6	1.7	13	0.1	0.4	0.1	68	0.06	0.232	6
R 1250DL 103	Soil			0.7	15.5	8.9	64	<0.1	12.8	9.2	242	3.03	9.6	<0.5	2.2	10	<0.1	0.5	0.1	60	0.06	0.130	6
R 1250DL 104	Soil			0.5	15.2	5.7	59	0.1	10.7	7.0	263	2.46	6.5	<0.5	0.7	22	<0.1	0.3	<0.1	59	0.29	0.098	5
R 1250DL 105	Soil			0.8	14.7	6.7	78	0.2	9.6	8.5	582	2.54	5.2	0.5	0.6	23	<0.1	0.2	0.1	58	0.28	0.098	7
R 1250DL 106	Soil			1.0	12.1	6.5	81	0.1	12.0	8.5	299	3.12	6.5	<0.5	0.8	25	<0.1	0.3	0.1	68	0.26	0.113	5
R 1250DL 107	Soil			0.8	15.9	6.8	83	0.1	11.1	8.0	248	3.28	6.8	<0.5	0.6	22	0.1	0.3	0.1	72	0.29	0.071	5
R 1250DL 108	Soil			0.7	15.9	7.8	103	0.1	12.3	7.9	224	3.43	8.8	0.9	0.9	22	0.1	0.3	0.1	71	0.26	0.212	5
R 1250DL 109	Soil			0.4	14.5	8.0	70	0.1	7.0	6.7	371	2.24	3.2	<0.5	0.8	18	<0.1	0.2	<0.1	54	0.17	0.058	7
R 1250DL 110	Soil			0.7	22.3	6.9	56	<0.1	14.2	8.8	377	2.66	6.8	1.2	1.1	29	<0.1	0.3	0.2	59	0.29	0.059	5
R 1250DL 111	Soil			0.6	16.8	6.3	76	<0.1	10.8	8.5	315	2.78	7.6	0.7	0.7	29	0.1	0.4	<0.1	64	0.27	0.100	6
R 1250DL 112	Soil			1.6	13.9	16.0	139	0.5	9.0	5.7	295	3.11	18.8	0.8	0.5	16	0.6	0.4	0.2	52	0.14	0.102	5
R 1250DL 113	Soil			1.3	14.6	15.6	170	0.4	11.6	7.8	331	3.16	20.5	7.7	0.6	34	1.0	0.5	0.2	58	0.21	0.059	6
R 1250DL 114	Soil			1.6	13.0	13.7	169	0.2	10.3	5.8	239	3.48	23.1	4.1	0.4	15	1.0	0.5	0.2	55	0.09	0.075	6



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Page:

9 of 9

Part: 2 of 1

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SMI12000349.1

Method	Analyte	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
R 1250DL 085	Soil	14	0.25	90	0.027	<20	3.21	0.008	0.04	<0.1	0.09	3.3	<0.1	<0.05	8	<0.5	<0.2
R 1250DL 086	Soil	13	0.21	87	0.041	<20	4.58	0.007	0.04	<0.1	0.14	4.1	<0.1	<0.05	8	<0.5	<0.2
R 1250DL 087	Soil	19	0.39	138	0.026	<20	3.61	0.008	0.04	<0.1	0.09	4.7	<0.1	<0.05	8	<0.5	<0.2
R 1250DL 088	Soil	16	0.38	111	0.040	<20	2.64	0.009	0.04	<0.1	0.04	3.9	<0.1	<0.05	7	<0.5	<0.2
R 1250DL 089	Soil	19	0.35	149	0.053	<20	3.59	0.010	0.05	<0.1	0.06	4.6	<0.1	<0.05	8	<0.5	<0.2
R 1250DL 090	Soil	14	0.32	158	0.056	<20	2.70	0.010	0.04	<0.1	0.05	3.9	<0.1	<0.05	8	<0.5	<0.2
R 1250DL 091	Soil	19	0.31	132	0.071	<20	2.54	0.009	0.04	<0.1	0.07	4.0	<0.1	<0.05	10	<0.5	<0.2
R 1250DL 092	Soil	18	0.43	238	0.053	<20	2.84	0.008	0.05	<0.1	0.07	3.7	<0.1	<0.05	8	<0.5	<0.2
R 1250DL 093	Soil	18	0.39	109	0.054	<20	3.61	0.007	0.05	<0.1	0.10	3.8	<0.1	<0.05	9	<0.5	<0.2
R 1250DL 094	Soil	20	0.35	110	0.063	<20	3.35	0.007	0.05	<0.1	0.06	4.1	<0.1	<0.05	9	<0.5	<0.2
R 1250DL 095	Soil	20	0.32	117	0.104	<20	6.37	0.005	0.04	<0.1	0.18	6.4	<0.1	<0.05	12	0.6	<0.2
R 1250DL 096	Soil	18	0.31	136	0.059	<20	3.17	0.008	0.04	<0.1	0.07	3.9	<0.1	<0.05	9	<0.5	<0.2
R 1250DL 097	Soil	17	0.42	198	0.055	<20	2.91	0.012	0.04	<0.1	0.05	4.1	<0.1	<0.05	7	<0.5	<0.2
R 1250DL 098	Soil	18	0.35	111	0.066	<20	3.82	0.009	0.03	<0.1	0.08	4.2	<0.1	<0.05	7	<0.5	<0.2
R 1250DL 099	Soil	21	0.38	108	0.079	<20	3.64	0.010	0.04	<0.1	0.08	5.4	<0.1	<0.05	7	0.5	<0.2
R 1250DL 100	Soil	18	0.43	213	0.064	<20	3.98	0.009	0.04	<0.1	0.05	5.6	<0.1	<0.05	7	<0.5	<0.2
R 1250DL 101	Soil	21	0.36	125	0.047	<20	4.94	0.008	0.03	<0.1	0.12	5.0	<0.1	<0.05	8	<0.5	<0.2
R 1250DL 102	Soil	20	0.35	135	0.061	<20	4.51	0.008	0.04	<0.1	0.07	5.0	<0.1	<0.05	8	<0.5	<0.2
R 1250DL 103	Soil	17	0.39	110	0.059	<20	4.17	0.008	0.04	<0.1	0.09	5.0	<0.1	<0.05	7	<0.5	<0.2
R 1250DL 104	Soil	14	0.44	63	0.045	<20	1.57	0.007	0.07	<0.1	0.02	3.3	<0.1	<0.05	5	<0.5	<0.2
R 1250DL 105	Soil	15	0.38	81	0.039	<20	1.99	0.008	0.06	<0.1	0.04	3.5	<0.1	<0.05	6	<0.5	<0.2
R 1250DL 106	Soil	17	0.38	93	0.054	<20	2.57	0.008	0.07	<0.1	0.05	3.4	<0.1	<0.05	7	<0.5	<0.2
R 1250DL 107	Soil	16	0.42	76	0.050	<20	2.33	0.007	0.05	<0.1	0.06	3.2	<0.1	<0.05	7	<0.5	<0.2
R 1250DL 108	Soil	16	0.42	141	0.051	<20	2.36	0.009	0.06	<0.1	0.04	3.9	<0.1	<0.05	7	<0.5	<0.2
R 1250DL 109	Soil	12	0.31	76	0.044	<20	1.50	0.009	0.04	<0.1	0.02	3.1	<0.1	<0.05	5	<0.5	<0.2
R 1250DL 110	Soil	23	0.55	78	0.047	<20	1.37	0.012	0.04	<0.1	0.02	3.9	<0.1	<0.05	4	<0.5	<0.2
R 1250DL 111	Soil	15	0.40	101	0.054	<20	1.77	0.011	0.04	<0.1	0.05	3.7	<0.1	<0.05	5	<0.5	<0.2
R 1250DL 112	Soil	13	0.34	110	0.016	<20	2.24	0.008	0.04	<0.1	0.10	3.2	0.2	<0.05	6	<0.5	<0.2
R 1250DL 113	Soil	14	0.37	140	0.026	<20	2.13	0.008	0.06	<0.1	0.07	3.4	0.1	<0.05	5	<0.5	<0.2
R 1250DL 114	Soil	14	0.35	112	0.023	<20	2.29	0.009	0.04	<0.1	0.06	3.4	0.1	<0.05	6	<0.5	<0.2



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Project: None Given  
Report Date: October 03, 2012

Page: 1 of 2

Part: 1 of 1

## QUALITY CONTROL REPORT

SMI12000349.1

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 Au	1DX Th	1DX Sr	1DX Cd	1DX Sb	1DX Bi	1DX V	1DX Ca	1DX P	1DX La
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
				0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
Pulp Duplicates																							
LT 1250DL 005	Soil			0.4	43.0	16.7	170	1.8	10.8	10.7	632	4.08	5.8	1.5	0.5	14	0.3	0.2	<0.1	101	0.17	0.034	4
REP LT 1250DL 005	QC			0.4	43.5	17.0	170	1.8	10.5	10.9	644	4.08	6.0	<0.5	0.5	14	0.3	0.2	<0.1	103	0.18	0.031	4
LT 1250DL 034	Soil			0.5	7.3	8.0	199	0.1	4.6	5.0	423	4.24	2.4	0.8	0.8	8	0.2	0.1	<0.1	69	0.15	0.230	5
REP LT 1250DL 034	QC			0.4	7.5	7.9	202	0.1	4.4	5.1	418	4.25	2.6	1.2	0.8	8	0.3	0.1	<0.1	69	0.15	0.221	5
LT 1250DL 041	Soil			0.5	18.0	12.9	232	0.7	8.2	9.8	1670	3.86	5.1	0.5	0.6	5	0.2	0.3	<0.1	87	0.13	0.253	3
REP LT 1250DL 041	QC			0.5	16.6	13.1	227	0.8	8.7	9.5	1649	3.72	5.3	<0.5	0.6	5	0.3	0.2	<0.1	86	0.13	0.259	3
WT 1250DL 005	Soil			0.3	23.1	5.6	78	0.2	23.4	8.9	551	2.75	5.0	5.5	0.8	27	<0.1	<0.1	<0.1	62	0.21	0.025	7
REP WT 1250DL 005	QC			0.2	22.3	5.6	81	0.2	24.3	8.5	532	2.78	4.8	3.4	0.8	29	<0.1	<0.1	<0.1	61	0.22	0.028	7
WT 1250DL 041	Soil			0.5	11.9	5.2	59	<0.1	20.4	8.5	239	3.47	8.1	0.9	0.8	12	0.1	0.1	<0.1	69	0.11	0.069	5
REP WT 1250DL 041	QC			0.5	12.1	5.3	61	<0.1	21.2	8.5	244	3.46	8.4	0.5	0.8	12	0.1	0.1	<0.1	70	0.11	0.071	5
WT 1250DL 077	Soil			0.4	14.4	9.0	60	<0.1	6.9	4.3	283	3.57	4.9	<0.5	0.4	12	0.2	0.2	<0.1	64	0.17	0.122	4
REP WT 1250DL 077	QC			0.4	14.1	9.1	60	<0.1	6.6	4.3	287	3.50	5.3	<0.5	0.4	12	0.2	0.2	0.1	62	0.18	0.136	4
ROX 1250DL 060	Soil			0.8	11.8	7.9	105	0.1	10.7	7.3	213	3.16	6.3	<0.5	1.4	14	0.1	0.3	0.1	55	0.13	0.202	5
REP ROX 1250DL 060	QC			0.8	11.1	7.6	101	0.1	10.2	7.1	218	3.21	6.0	1.0	1.4	14	0.1	0.3	0.1	56	0.13	0.201	5
R 1250DL 095	Soil			1.1	50.7	6.3	85	0.3	20.4	7.2	283	4.72	14.2	<0.5	4.9	14	0.1	0.4	<0.1	95	0.13	0.550	14
REP R 1250DL 095	QC			1.2	49.6	6.3	82	0.3	20.5	6.9	282	4.59	14.3	<0.5	5.2	13	<0.1	0.5	<0.1	93	0.13	0.536	13
Reference Materials																							
STD DS9	Standard			11.3	100.4	120.7	301	1.8	36.0	6.7	524	2.11	23.7	128.8	6.1	65	2.1	5.5	6.8	39	0.63	0.080	10
STD DS9	Standard			10.1	100.3	120.8	293	1.8	35.9	6.9	509	2.04	26.1	121.9	7.0	67	2.6	6.4	6.4	38	0.65	0.080	10
STD DS9	Standard			12.4	115.2	128.8	319	2.0	44.8	8.0	588	2.39	25.9	142.4	6.0	65	2.3	4.7	6.3	42	0.69	0.085	10
STD DS9	Standard			11.3	91.6	118.4	279	1.9	34.5	6.6	531	2.09	24.0	94.7	6.2	66	2.5	5.0	6.0	37	0.63	0.080	11
STD DS9	Standard			10.4	103.8	119.0	278	1.6	36.5	6.9	559	2.15	23.7	98.2	6.6	70	2.3	5.0	6.4	39	0.67	0.080	12
STD DS9	Standard			11.9	100.3	119.6	308	1.8	40.6	7.7	564	2.28	25.8	113.8	5.7	64	2.4	3.9	6.2	39	0.67	0.084	10
STD DS9	Standard			12.9	110.6	133.4	317	1.9	40.8	7.7	586	2.36	27.1	159.1	5.8	67	2.6	4.0	6.5	42	0.70	0.085	11
STD DS9	Standard			12.8	109.7	123.3	314	1.8	41.1	7.7	590	2.37	24.5	107.7	6.5	66	2.2	5.0	5.8	41	0.70	0.082	13
STD OREAS45CA	Standard			0.9	467.5	19.4	57	0.2	225.0	88.3	926	15.67	4.3	46.6	7.1	16	<0.1	<0.1	<0.1	195	0.42	0.037	14
STD OREAS45CA	Standard			1.0	416.5	19.1	55	0.3	195.6	77.6	842	14.42	4.2	38.9	6.9	14	0.1	0.3	0.1	184	0.40	0.036	14
STD OREAS45CA	Standard			1.1	491.1	17.7	54	0.3	230.3	88.7	916	15.47	4.4	46.2	6.4	13	0.1	0.2	0.2	212	0.44	0.037	14



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Project: None Given  
Report Date: October 03, 2012

Page: 1 of 2

Part: 2 of 1

# QUALITY CONTROL REPORT

SMI12000349.1

Method	Analyte	Unit	MDL	1DX Cr	1DX Mg	1DX Ba	1DX Ti	1DX B	1DX Al	1DX Na	1DX K	1DX W	1DX Hg	1DX Sc	1DX Tl	1DX S	1DX Ga	1DX Se	1DX Te
		ppm	%	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.2
Pulp Duplicates																			
LT 1250DL 005	Soil	18	0.51	207	0.107	<20	1.88	0.008	0.02	<0.1	0.07	5.5	<0.1	<0.05	6	<0.5	<0.2	<0.2	<0.2
REP LT 1250DL 005	QC	19	0.53	206	0.107	<20	1.88	0.008	0.02	<0.1	0.08	5.5	<0.1	<0.05	6	<0.5	<0.2	<0.2	<0.2
LT 1250DL 034	Soil	13	0.27	79	0.065	<20	2.21	0.009	0.04	<0.1	0.08	5.9	<0.1	<0.05	9	<0.5	<0.2	<0.2	<0.2
REP LT 1250DL 034	QC	12	0.27	78	0.064	<20	2.21	0.008	0.04	<0.1	0.09	6.0	<0.1	<0.05	9	<0.5	<0.2	<0.2	<0.2
LT 1250DL 041	Soil	21	0.48	101	0.123	<20	2.11	0.006	0.03	0.1	0.07	4.3	<0.1	<0.05	8	<0.5	<0.2	<0.2	<0.2
REP LT 1250DL 041	QC	22	0.48	106	0.120	<20	2.17	0.005	0.03	0.1	0.07	4.4	<0.1	<0.05	8	<0.5	<0.2	<0.2	<0.2
WT 1250DL 005	Soil	31	0.52	124	0.027	<20	1.68	0.007	0.06	<0.1	0.02	4.3	<0.1	<0.05	6	<0.5	<0.2	<0.2	<0.2
REP WT 1250DL 005	QC	29	0.53	122	0.026	<20	1.78	0.007	0.06	<0.1	0.02	4.5	<0.1	<0.05	6	<0.5	<0.2	<0.2	<0.2
WT 1250DL 041	Soil	24	0.40	108	0.042	<20	2.03	0.007	0.03	<0.1	0.04	3.7	<0.1	<0.05	6	<0.5	<0.2	<0.2	<0.2
REP WT 1250DL 041	QC	24	0.41	112	0.042	<20	2.09	0.006	0.03	<0.1	0.03	3.7	<0.1	<0.05	7	<0.5	<0.2	<0.2	<0.2
WT 1250DL 077	Soil	15	0.32	73	0.068	<20	1.74	0.008	0.03	<0.1	0.04	4.9	<0.1	<0.05	9	<0.5	<0.2	<0.2	<0.2
REP WT 1250DL 077	QC	15	0.33	73	0.065	<20	1.89	0.008	0.04	<0.1	0.05	5.1	<0.1	<0.05	9	<0.5	<0.2	<0.2	<0.2
ROX 1250DL 060	Soil	17	0.33	104	0.032	<20	3.10	0.014	0.05	<0.1	0.07	3.5	<0.1	<0.05	7	<0.5	<0.2	<0.2	<0.2
REP ROX 1250DL 060	QC	17	0.31	96	0.032	<20	3.00	0.015	0.04	<0.1	0.08	3.6	<0.1	<0.05	7	<0.5	<0.2	<0.2	<0.2
R 1250DL 095	Soil	20	0.32	117	0.104	<20	6.37	0.005	0.04	<0.1	0.18	6.4	<0.1	<0.05	12	0.6	<0.2	<0.2	<0.2
REP R 1250DL 095	QC	20	0.30	116	0.098	<20	6.14	0.005	0.04	<0.1	0.18	6.5	<0.1	<0.05	11	<0.5	<0.2	<0.2	<0.2
Reference Materials																			
STD DS9	Standard	116	0.59	315	0.104	<20	0.83	0.081	0.36	2.7	0.20	2.2	5.8	0.11	4	4.9	5.4	5.4	5.4
STD DS9	Standard	111	0.58	305	0.102	<20	0.77	0.076	0.39	2.9	0.21	2.3	5.4	0.10	4	5.0	5.1	5.1	5.1
STD DS9	Standard	128	0.63	325	0.100	<20	0.89	0.079	0.39	3.6	0.18	2.1	5.9	<0.05	4	5.6	5.0	5.0	5.0
STD DS9	Standard	102	0.57	297	0.099	<20	0.80	0.078	0.38	2.5	0.20	2.1	5.2	0.10	4	4.7	4.7	4.7	4.7
STD DS9	Standard	109	0.59	301	0.113	<20	0.83	0.074	0.38	2.6	0.21	2.4	5.3	0.12	4	5.8	5.1	5.1	5.1
STD DS9	Standard	116	0.60	308	0.091	<20	0.83	0.077	0.40	2.7	0.20	2.3	5.4	0.14	4	5.4	4.9	4.9	4.9
STD DS9	Standard	121	0.63	327	0.099	<20	0.92	0.083	0.40	2.7	0.20	2.4	5.8	0.16	5	5.2	5.1	5.1	5.1
STD DS9	Standard	120	0.64	321	0.111	<20	0.91	0.076	0.38	3.3	0.21	2.5	5.4	0.15	5	5.5	5.6	5.6	5.6
STD OREAS45CA	Standard	628	0.14	165	0.120	<20	3.15	0.012	0.07	<0.1	0.03	42.8	<0.1	<0.05	18	<0.5	<0.2	<0.2	<0.2
STD OREAS45CA	Standard	585	0.12	158	0.109	<20	2.89	0.011	0.06	<0.1	0.02	39.9	<0.1	<0.05	16	<0.5	<0.2	<0.2	<0.2
STD OREAS45CA	Standard	722	0.13	153	0.116	<20	2.95	0.009	0.06	<0.1	0.02	40.1	<0.1	<0.05	17	<0.5	<0.2	<0.2	<0.2



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Page: 2 of 2

Part: 1 of 1

## QUALITY CONTROL REPORT

SMI12000349.1

		1DX Mo ppm 0.1	1DX Cu ppm 0.1	1DX Pb ppm 0.1	1DX Zn ppm 1	1DX Ag ppm 0.1	1DX Ni ppm 0.1	1DX Co ppm 0.1	1DX Mn ppm 1	1DX Fe % 0.01	1DX As ppm 0.5	1DX Au ppb 0.5	1DX Th ppm 0.1	1DX Sr ppm 1	1DX Cd ppm 0.1	1DX Sb ppm 0.1	1DX Bi ppm 0.1	1DX V ppm 2	1DX Ca % 0.01	1DX P % 0.001	1DX La ppm 1
STD OREAS45CA	Standard	0.7	437.0	20.5	58	0.3	209.8	81.2	905	15.30	3.9	35.9	6.9	15	<0.1	0.1	0.2	180	0.42	0.038	15
STD OREAS45CA	Standard	0.9	444.9	19.7	54	0.3	215.5	78.7	859	15.41	3.6	39.0	6.9	14	<0.1	0.1	0.2	175	0.40	0.039	16
STD OREAS45CA	Standard	0.8	476.3	18.3	55	0.3	219.8	89.0	906	15.46	3.0	33.7	6.7	14	<0.1	0.1	0.2	216	0.42	0.038	15
STD OREAS45CA	Standard	0.8	523.2	18.3	59	0.3	224.5	88.2	887	15.68	3.3	33.5	6.4	14	<0.1	<0.1	0.1	220	0.43	0.038	15
STD OREAS45CA	Standard	1.1	518.9	19.4	59	0.2	249.7	90.8	918	16.33	3.9	45.0	7.0	14	<0.1	0.1	0.2	217	0.43	0.038	16
STD OREAS45CA Expected		1	494	20	60	0.275	240	92	943	15.69	3.8	43	7	15	0.1	0.13	0.19	215	0.4265	0.0385	15.9
STD DS9 Expected		12.84	108	126	317	1.83	40.3	7.6	575	2.33	25.5	118	6.38	69.6	2.4	4.94	6.32	40	0.7201	0.0819	13.3
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.02	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<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	<0.001	<1
BLK	Blank	<0.1	0.2	<0.1	<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	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<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	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<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	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<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	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<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	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<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	<0.001	<1





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Houston BC V0J 1Z0 Canada

Project: None Given  
Report Date: October 03, 2012

Page: 2 of 2

Part: 2 of 1

QUALITY CONTROL REPORT

SMI12000349.1

		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	1DX Te ppm
		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	0.2
STD OREAS45CA	Standard	581	0.15	165	0.127	<20	3.10	0.015	0.07	<0.1	0.03	43.0	<0.1	<0.05	17	<0.5	<0.2
STD OREAS45CA	Standard	561	0.13	172	0.137	<20	3.00	0.011	0.07	<0.1	0.03	43.6	<0.1	<0.05	17	<0.5	<0.2
STD OREAS45CA	Standard	716	0.13	163	0.106	<20	3.01	0.010	0.07	<0.1	0.02	40.0	<0.1	<0.05	18	<0.5	<0.2
STD OREAS45CA	Standard	724	0.13	160	0.112	<20	3.25	0.011	0.07	<0.1	0.03	42.2	<0.1	<0.05	18	<0.5	<0.2
STD OREAS45CA	Standard	815	0.15	161	0.135	<20	3.65	0.012	0.07	<0.1	0.03	44.6	0.1	<0.05	19	<0.5	<0.2
STD OREAS45CA Expected		709	0.1358	164	0.128		3.592	0.0075	0.0717		0.03	39.7	0.07	0.021	18.4	0.5	
STD DS9 Expected		121	0.6165	330	0.1108		0.9577	0.0853	0.395	2.89	0.2	2.5	5.3	0.1615	4.59	5.2	5.02
BLK	Blank	<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	<0.2
BLK	Blank	<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	<0.2
BLK	Blank	<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	<0.2
BLK	Blank	<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	<0.2
BLK	Blank	<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	<0.2
BLK	Blank	<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	<0.2
BLK	Blank	<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	<0.2
BLK	Blank	<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	<0.2



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Lowprofile Ventures Ltd.

**Client: Lowprofile Ventures Ltd.**

P.O. Box 704  
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Submitted By: Gary Thompson and Anastasia Ledwon

Receiving Lab: Canada-Smithers

Received: September 11, 2012

Report Date: October 03, 2012

Page: 1 of 2

## CERTIFICATE OF ANALYSIS

## SMI12000353.1

### CLIENT JOB INFORMATION

Project: None Given  
Shipment ID:  
P.O. Number  
Number of Samples: 6

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	6	Crush, split and pulverize 250 g rock to 200 mesh			SMI
7TD2	6	4 Acid digestion ICP-ES analysis.	0.5	Completed	VAN

### SAMPLE DISPOSAL

RTRN-PLP Return  
RTRN-RJT Return

### ADDITIONAL COMMENTS

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

CC:



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. Results apply to samples as submitted. \*\* asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project:

None Given

Report Date:

October 03, 2012

Page:

2 of 2

Part:

1 of 1

# CERTIFICATE OF ANALYSIS

SMI12000353.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
G1-SMI	Prep Blank	<0.01	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.08	2.34	<0.02	0.07	<0.001	<0.01	<0.01	2.33	0.08	<0.001	0.66	7.25
WT 12BETOC 001	Rock	0.52	<0.001	0.004	<0.02	0.01	<2	0.004	0.002	0.08	5.15	<0.02	0.06	<0.001	<0.01	<0.01	2.13	0.19	0.008	2.39	8.23
WT 12GTOC 04A	Rock	0.32	<0.001	0.004	<0.02	<0.01	<2	0.005	0.002	0.07	5.03	<0.02	0.05	<0.001	<0.01	<0.01	1.46	0.19	0.008	3.18	8.03
WT 12GTOC 04B	Rock	0.64	<0.001	0.317	<0.02	<0.01	<2	0.005	0.004	0.47	6.29	<0.02	<0.01	<0.001	<0.01	<0.01	2.73	0.05	0.017	5.07	6.69
WT 12OCDL 005	Rock	0.86	<0.001	0.010	<0.02	0.01	<2	0.001	0.003	0.17	9.72	<0.02	0.03	<0.001	<0.01	<0.01	5.50	0.11	0.002	2.36	7.58
ROX 12OCDL 006	Rock	2.23	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.11	1.84	<0.02	0.02	<0.001	<0.01	<0.01	0.84	0.04	<0.001	0.21	7.55
ROX 12OCDL 007	Rock	2.05	<0.001	<0.001	<0.02	0.01	<2	<0.001	<0.001	0.10	4.41	<0.02	0.09	<0.001	<0.01	<0.01	3.02	0.30	<0.001	1.02	8.66



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Houston BC V0J 1Z0 Canada

Project: None Given

Report Date: October 03, 2012

Page: 2 of 2

Part: 2 of 1

## CERTIFICATE OF ANALYSIS

SMI12000353.1

Method		7TD	7TD	7TD	7TD
Analyte		Na	K	W	S
Unit		%	%	%	%
MDL		0.01	0.01	0.01	0.05
G1-SMI	Prep Blank	2.57	3.00	<0.01	<0.05
WT 12BETOC 001	Rock	3.57	2.32	<0.01	0.17
WT 12GTOC 04A	Rock	4.04	1.59	<0.01	<0.05
WT 12GTOC 04B	Rock	0.43	0.60	<0.01	0.10
WT 12OCDL 005	Rock	2.07	1.03	<0.01	<0.05
ROX 12OCDL 006	Rock	3.71	3.90	<0.01	<0.05
ROX 12OCDL 007	Rock	3.58	2.66	<0.01	<0.05



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Project: None Given  
Report Date: October 03, 2012

Page: 1 of 1

Part: 1 of 1

## QUALITY CONTROL REPORT

SMI12000353.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
Core Reject Duplicates																					
WT 12GTOC 04B	Rock	0.64	<0.001	0.317	<0.02	<0.01	<2	0.005	0.004	0.47	6.29	<0.02	<0.01	<0.001	<0.01	<0.01	2.73	0.05	0.017	5.07	6.69
DUP WT 12GTOC 04B	QC	<0.01	<0.001	0.316	<0.02	<0.01	<2	0.005	0.004	0.44	5.78	<0.02	<0.01	<0.001	<0.01	<0.01	2.27	0.05	0.016	4.70	6.17
Reference Materials																					
STD CDN-ME-9	Standard	<0.001	0.645	<0.02	0.01	5	0.916	0.017	0.12	14.01	<0.02	0.03	<0.001	<0.01	<0.01	4.29	0.06	0.030	4.07	6.63	
STD CDN-ME-14	Standard	0.001	1.217	0.50	3.17	45	0.002	0.017	0.09	18.04	<0.02	<0.01	0.010	<0.01	<0.01	0.75	0.02	0.002	1.26	4.29	
STD CDN-ME-9 Expected			0.654		0.0125		0.912	0.017	0.12	13.85		0.03				4.22	0.061	0.0285	4	6.66	
STD CDN-ME-14 Expected			1.221	0.495	3.1	45	0.002	0.018	0.089	17.92	0.01		0.009		0.01	0.74	0.02	0.0015	1.29	4.175	
BLK	Blank	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	
Prep Wash																					
G1-SMI	Prep Blank	<0.01	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.08	2.34	<0.02	0.07	<0.001	<0.01	<0.01	2.33	0.08	<0.001	0.66	7.25



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Project: None Given  
Report Date: October 03, 2012

Page: 1 of 1

Part: 2 of 1

## QUALITY CONTROL REPORT

SMI12000353.1

Method		7TD	7TD	7TD	7TD
Analyte		Na	K	W	S
Unit		%	%	%	%
MDL		0.01	0.01	0.01	0.05
Core Reject Duplicates					
WT 12GTOC 04B	Rock	0.43	0.60	<0.01	0.10
DUP WT 12GTOC 04B	QC	0.43	0.56	<0.01	0.10
Reference Materials					
STD CDN-ME-9	Standard	1.79	0.64	<0.01	2.45
STD CDN-ME-14	Standard	0.51	1.66	<0.01	16.03
STD CDN-ME-9 Expected		1.82	0.63		2.547
STD CDN-ME-14 Expected		0.52	1.5		16
BLK	Blank	<0.01	<0.01	<0.01	<0.05
Prep Wash					
G1-SMI	Prep Blank	2.57	3.00	<0.01	<0.05



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**Client: Lowprofile Ventures Ltd.**

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Submitted By: Gary Thompson and Anastasia Ledwon

Receiving Lab: Canada-Smithers

Received: September 11, 2012

Report Date: October 03, 2012

Page: 1 of 2

## CERTIFICATE OF ANALYSIS

SMI12000354.1

### CLIENT JOB INFORMATION

Project: None Given  
Shipment ID:  
P.O. Number  
Number of Samples: 25

### SAMPLE DISPOSAL

RTRN-PLP Return  
RTRN-RJT Return

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

CC:

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	25	Dry at 60C			SMI
SS80	25	Dry at 60C sieve 100g to -80 mesh			SMI
1DX1	25	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN
RJSV	25	Saving all or part of Soil Reject			SMI

### 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. Results apply to samples as submitted. \*\* asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project:

None Given

Report Date:

October 03, 2012

Page:

2 of 2

Part: 1 of 1

# CERTIFICATE OF ANALYSIS

SMI12000354.1

Method	Analyte	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	
MDL		0.1	0.1	0.1	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	0.001	
LT RSSDL 001	Silt	0.3	14.3	14.5	171	0.1	18.0	11.4	1407	3.19	23.0	0.9	0.4	19	0.2	0.3	<0.1	84	0.38	0.033	5
WT 12SSDL 001	Silt	0.5	16.3	4.4	54	<0.1	22.9	9.8	503	2.96	7.2	<0.5	0.9	28	<0.1	<0.1	<0.1	61	0.41	0.043	7
WT 12SSDL 002	Silt	0.7	14.3	4.1	42	<0.1	15.0	7.4	823	2.22	4.8	<0.5	0.8	26	<0.1	0.1	<0.1	53	0.25	0.021	5
WT 12SSDL 003	Silt	0.3	12.4	4.9	50	<0.1	14.5	8.0	571	2.98	4.4	<0.5	1.0	27	<0.1	0.2	<0.1	77	0.36	0.032	7
WT 12SSDL 004	Silt	0.2	9.6	4.0	51	<0.1	13.3	5.9	374	1.82	3.5	<0.5	0.3	24	0.1	<0.1	<0.1	46	0.26	0.029	5
WT 12SSDL 005	Silt	0.1	9.6	3.9	51	<0.1	16.4	7.3	367	2.61	4.1	<0.5	1.4	30	<0.1	0.1	<0.1	72	0.36	0.044	7
WT 12SSDL 006	Silt	0.2	13.3	4.0	55	<0.1	16.7	9.9	576	2.89	4.8	<0.5	0.7	36	<0.1	0.1	<0.1	73	0.59	0.031	6
WT 12SSDL 007	Silt	0.1	11.5	4.0	46	<0.1	14.8	8.2	429	2.34	5.2	<0.5	0.7	30	<0.1	0.1	<0.1	65	0.46	0.031	6
WT 12SSDL 008	Silt	0.2	24.1	4.0	56	<0.1	17.3	12.9	788	2.81	7.1	<0.5	0.7	50	0.1	0.1	<0.1	77	1.43	0.045	5
R 12SSDL 001	Silt	0.6	11.6	4.9	43	<0.1	9.8	7.0	468	2.07	5.9	<0.5	0.7	14	<0.1	0.2	<0.1	52	0.30	0.042	5
R 12SSDL 002	Silt	0.6	14.4	6.6	76	<0.1	13.2	8.6	629	2.51	6.3	<0.5	0.9	14	<0.1	0.3	<0.1	61	0.32	0.047	6
R 12SSDL 003	Silt	1.4	13.3	5.4	88	0.1	13.5	9.0	763	2.90	9.3	0.8	0.5	24	0.2	0.1	<0.1	58	0.34	0.041	7
R 12SSDL 004	Silt	0.4	11.5	5.8	63	<0.1	10.5	8.0	536	2.13	4.4	<0.5	1.0	49	0.1	0.5	<0.1	53	0.39	0.073	10
R 12SSDL 005	Silt	0.6	6.9	3.9	39	<0.1	8.2	5.2	387	1.61	6.9	<0.5	0.5	26	<0.1	0.5	<0.1	39	0.27	0.038	6
R 12SSDL 006	Silt	0.3	7.2	3.8	41	<0.1	7.8	5.9	367	1.78	2.8	<0.5	0.7	36	<0.1	0.2	<0.1	52	0.33	0.046	6
R 12SSDL 007	Silt	0.3	8.9	4.8	51	<0.1	8.2	7.2	452	2.11	3.2	<0.5	0.9	52	<0.1	0.2	<0.1	58	0.46	0.075	9
R 12SSDL 008	Silt	0.6	8.9	4.8	62	<0.1	9.0	7.5	519	2.35	4.2	<0.5	0.9	60	0.1	0.2	<0.1	67	0.43	0.051	8
R 12SSDL 009	Silt	0.6	9.4	7.5	78	0.1	9.4	7.3	501	2.07	6.2	0.5	0.7	34	0.2	0.3	<0.1	51	0.34	0.062	8
R 12SSDL 010	Silt	0.5	21.3	5.2	63	<0.1	11.4	8.3	516	2.32	7.4	<0.5	1.1	18	<0.1	0.4	<0.1	61	0.26	0.048	6
R 12SSDL 011	Silt	0.5	12.5	7.4	65	<0.1	9.3	9.0	784	2.49	5.8	<0.5	1.0	60	0.1	0.4	<0.1	62	0.46	0.086	10
R 12SSDL 012	Silt	0.6	21.8	6.2	71	<0.1	21.5	11.9	799	3.01	7.0	<0.5	0.7	19	0.1	0.3	<0.1	73	0.39	0.048	5
R 12SSDL 013	Silt	0.6	19.1	6.2	53	<0.1	12.6	8.3	457	2.26	7.5	<0.5	1.0	18	0.1	0.4	<0.1	53	0.31	0.049	6
R 12SSDL 014	Silt	0.4	8.3	4.1	62	<0.1	9.0	8.7	532	2.29	6.2	<0.5	0.8	31	<0.1	0.2	<0.1	59	0.39	0.064	7
R 12SSDL 015	Silt	0.6	11.7	5.2	75	<0.1	9.8	9.8	584	3.40	5.4	<0.5	0.9	54	0.1	0.2	<0.1	96	0.45	0.070	8
R 12SSDL 016	Silt	1.0	20.5	45.1	215	0.4	20.1	11.5	1282	3.07	155.4	29.3	0.4	38	1.1	1.0	0.3	59	0.40	0.072	9





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Project:

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Report Date:

October 03, 2012

Page:

2 of 2

Part:

2 of 1

# CERTIFICATE OF ANALYSIS

SMI12000354.1

Method	Analyte	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		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	0.2
LT RSSDL 001	Silt	35	0.78	177	0.068	<20	1.39	0.007	0.03	<0.1	<0.01	6.3	<0.1	<0.05	5	<0.5	<0.2
WT 12SSDL 001	Silt	34	0.50	91	0.038	<20	1.34	0.012	0.06	<0.1	0.02	5.3	<0.1	<0.05	4	<0.5	<0.2
WT 12SSDL 002	Silt	18	0.39	83	0.044	<20	0.85	0.008	0.04	<0.1	<0.01	3.7	<0.1	<0.05	3	<0.5	<0.2
WT 12SSDL 003	Silt	21	0.47	65	0.088	<20	0.99	0.011	0.04	<0.1	<0.01	4.7	<0.1	<0.05	4	<0.5	<0.2
WT 12SSDL 004	Silt	17	0.40	80	0.035	<20	1.09	0.007	0.03	<0.1	0.01	3.6	<0.1	<0.05	4	<0.5	<0.2
WT 12SSDL 005	Silt	24	0.42	66	0.069	<20	0.89	0.011	0.04	<0.1	0.01	4.1	<0.1	<0.05	3	<0.5	<0.2
WT 12SSDL 006	Silt	22	0.65	101	0.085	<20	1.56	0.012	0.04	<0.1	0.01	6.1	<0.1	<0.05	4	<0.5	<0.2
WT 12SSDL 007	Silt	20	0.55	107	0.073	<20	1.32	0.010	0.03	<0.1	0.01	5.9	<0.1	<0.05	4	<0.5	<0.2
WT 12SSDL 008	Silt	21	0.82	112	0.049	<20	2.17	0.024	0.05	<0.1	0.01	6.9	<0.1	<0.05	5	<0.5	<0.2
R 12SSDL 001	Silt	19	0.50	42	0.052	<20	0.89	0.011	0.03	<0.1	<0.01	4.0	<0.1	<0.05	3	<0.5	<0.2
R 12SSDL 002	Silt	21	0.50	60	0.047	<20	0.99	0.009	0.04	<0.1	0.02	4.0	<0.1	<0.05	4	<0.5	<0.2
R 12SSDL 003	Silt	20	0.48	92	0.012	<20	1.84	0.007	0.04	<0.1	0.06	4.8	0.3	<0.05	5	<0.5	<0.2
R 12SSDL 004	Silt	14	0.40	133	0.059	<20	1.25	0.013	0.05	<0.1	<0.01	3.8	<0.1	<0.05	4	<0.5	<0.2
R 12SSDL 005	Silt	12	0.34	64	0.038	<20	0.94	0.009	0.03	<0.1	0.02	2.8	<0.1	<0.05	3	<0.5	<0.2
R 12SSDL 006	Silt	15	0.35	146	0.045	<20	0.98	0.009	0.03	<0.1	0.01	2.7	<0.1	<0.05	3	<0.5	<0.2
R 12SSDL 007	Silt	15	0.45	188	0.048	<20	1.11	0.012	0.04	<0.1	0.01	3.4	<0.1	<0.05	3	<0.5	<0.2
R 12SSDL 008	Silt	15	0.49	108	0.071	<20	1.04	0.024	0.05	<0.1	0.02	3.5	<0.1	<0.05	4	<0.5	<0.2
R 12SSDL 009	Silt	13	0.44	78	0.036	<20	1.16	0.011	0.05	<0.1	0.02	3.9	0.1	<0.05	4	<0.5	<0.2
R 12SSDL 010	Silt	19	0.45	68	0.055	<20	1.07	0.010	0.05	<0.1	0.02	4.1	<0.1	<0.05	4	<0.5	<0.2
R 12SSDL 011	Silt	15	0.48	201	0.046	<20	1.40	0.012	0.06	<0.1	0.02	3.8	<0.1	<0.05	4	<0.5	<0.2
R 12SSDL 012	Silt	35	0.92	67	0.060	<20	1.21	0.016	0.04	<0.1	0.02	5.9	<0.1	<0.05	4	<0.5	<0.2
R 12SSDL 013	Silt	19	0.48	50	0.048	<20	0.84	0.015	0.04	<0.1	<0.01	4.0	<0.1	<0.05	3	<0.5	<0.2
R 12SSDL 014	Silt	16	0.44	61	0.047	<20	1.00	0.013	0.04	<0.1	0.02	3.3	0.1	<0.05	3	<0.5	<0.2
R 12SSDL 015	Silt	20	0.58	80	0.077	<20	1.11	0.022	0.05	<0.1	0.02	4.6	<0.1	<0.05	4	<0.5	<0.2
R 12SSDL 016	Silt	28	0.61	116	0.020	<20	1.58	0.009	0.05	<0.1	0.05	4.5	0.2	0.07	5	<0.5	<0.2



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Report Date: October 03, 2012

Page: 1 of 1

Part: 1 of 1

## QUALITY CONTROL REPORT

SMI12000354.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
MDL	0.1	0.1	0.1	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	0.001	1	
Pulp Duplicates																					
R 12SSDL 004	Silt	0.4	11.5	5.8	63	<0.1	10.5	8.0	536	2.13	4.4	<0.5	1.0	49	0.1	0.5	<0.1	53	0.39	0.073	10
REP R 12SSDL 004	QC	0.5	11.7	6.0	63	<0.1	10.5	7.8	549	2.13	4.4	<0.5	1.1	50	0.1	0.4	<0.1	54	0.38	0.073	10
Reference Materials																					
STD DS9	Standard	13.3	114.7	117.9	303	1.7	41.2	7.8	592	2.35	24.9	117.3	6.3	59	2.3	4.5	6.1	41	0.70	0.081	11
STD OREAS45CA	Standard	0.9	572.5	19.2	57	0.3	241.1	90.0	916	15.84	4.2	36.3	6.6	12	<0.1	<0.1	0.2	203	0.40	0.037	14
STD OREAS45CA Expected		1	494	20	60	0.275	240	92	943	15.69	3.8	43	7	15	0.1	0.13	0.19	215	0.4265	0.0385	15.9
STD DS9 Expected		12.84	108	126	317	1.83	40.3	7.6	575	2.33	25.5	118	6.38	69.6	2.4	4.94	6.32	40	0.7201	0.0819	13.3
BLK	Blank	<0.1	<0.1	<0.1	<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	<0.001	<1



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**Project:** None Given  
**Report Date:** October 03, 2012

Page: 1 of 1

Part: 2 of 1

## QUALITY CONTROL REPORT

SMI12000354.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	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	0.2	
Pulp Duplicates																	
R 12SSDL 004	Silt	14	0.40	133	0.059	<20	1.25	0.013	0.05	<0.1	<0.01	3.8	<0.1	<0.05	4	<0.5	<0.2
REP R 12SSDL 004	QC	13	0.41	132	0.059	<20	1.27	0.013	0.06	<0.1	0.01	3.9	<0.1	<0.05	4	<0.5	<0.2
Reference Materials																	
STD DS9	Standard	122	0.62	308	0.095	<20	0.89	0.077	0.38	3.0	0.22	2.5	5.8	0.14	5	5.3	4.6
STD OREAS45CA	Standard	832	0.12	153	0.119	<20	3.19	0.009	0.07	<0.1	0.02	41.5	0.1	<0.05	18	<0.5	<0.2
STD OREAS45CA Expected		709	0.1358	164	0.128		3.592	0.0075	0.0717		0.03	39.7	0.07	0.021	18.4	0.5	
STD DS9 Expected		121	0.6165	330	0.1108		0.9577	0.0853	0.395	2.89	0.2	2.5	5.3	0.1615	4.59	5.2	5.02
BLK	Blank	<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	<0.2

## APPENDIX II: LAB METHODOLOGIES



## METHOD SPECIFICATIONS

### GROUP 1D AND 1F – GEOCHEMICAL AQUA REGIA DIGESTION

**Package Codes:** 1D01 to 1D03, 1DX1 to 1DX3, 1F01 to 1F07  
**Sample Digestion:** HNO<sub>3</sub>-HCl acid digestion  
**Instrumentation Method:** ICP-ES (1D), ICP-MS (1DX, 1F)  
**Applicability:** Sediment, Soil, Non-mineralized Rock and Drill Core

**Method Description:**

Prepared sample is digested with a modified Aqua Regia solution of equal parts concentrated HCl, HNO<sub>3</sub> and DI H<sub>2</sub>O for one hour in a heating block of hot water bath. Sample is made up to volume with dilute HCl. Sample splits of 0.5g, 15g or 30g can be analyzed.

Element	Group 1D Detection	Group 1DX Detection	Group 1F Detection	Upper Limit
Ag	0.3 ppm	0.1 ppm	2 ppb	100 ppm
Al*	0.01%	0.01%	0.01%	10%
As	2 ppm	0.5 ppm	0.1 ppm	10000 ppm
Au	2 ppm	0.5 ppb	0.2 ppb	100 ppm
B*^	20 ppm	20 ppm	20 ppm	2000 ppm
Ba*	1 ppm	1 ppm	0.5 ppm	10000 ppm
Bi	3 ppm	0.1 ppm	0.02 ppm	2000 ppm
Ca*	0.01%	0.01%	0.01%	40%
Cd	0.5 ppm	0.1 ppm	0.01 ppm	2000 ppm
Co	1 ppm	0.1 ppm	0.1 ppm	2000 ppm
Cr*	1 ppm	1 ppm	0.5 ppm	10000 ppm
Cu	1 ppm	0.1 ppm	0.01 ppm	10000 ppm
Fe*	0.01%	0.01%	0.01%	40%
Ga*	-	1 ppm	0.1 ppm	1000 ppm
Hg	1 ppm	0.01 ppm	5 ppb	50 ppm
K*	0.01%	0.01%	0.01%	10%
La*	1 ppm	1 ppm	0.5 ppm	10000 ppm
Mg*	0.01%	0.01%	0.01%	30%
Mn*	2 ppm	1 ppm	1 ppm	10000 ppm
Mo	1 ppm	0.1 ppm	0.01 ppm	2000 ppm
Na*	0.01%	0.001%	0.001%	5%
Ni	1 ppm	0.1 ppm	0.1 ppm	10000 ppm
P*	0.001%	0.001%	0.001%	5%
Pb	3 ppm	0.1 ppm	0.01 ppm	10000 ppm
S	0.05%	0.05%	0.02%	10%



Element	Group 1D Detection	Group 1DX Detection	Group 1F Detection	Upper Limit
Sb	3 ppm	0.1 ppm	0.02 ppm	2000 ppm
Sc	-	0.1 ppm	0.1 ppm	100 ppm
Se	-	0.5 ppm	0.1 ppm	100 ppm
Sr*	1 ppm	1 ppm	0.5 ppm	10000 ppm
Te	-	0.2 ppm	0.02 ppm	1000 ppm
Th*	2 ppm	0.1 ppm	0.1 ppm	2000 ppm
Ti*	0.01%	0.001%	0.001%	5%
Tl	5 ppm	0.1 ppm	0.02 ppm	1000 ppm
U*	8 ppm	0.1 ppm	0.05 ppm	2000 ppm
V*	1 ppm	2 ppm	2 ppm	10000 ppm
W*	2 ppm	0.1 ppm	0.05 ppm	100 ppm
Zn	1 ppm	1 ppm	0.1 ppm	10000 ppm
Be*	-	-	0.1 ppm	1000 ppm
Ce*	-	-	0.1 ppm	2000 ppm
Cs*	-	-	0.02 ppm	2000 ppm
Ge*	-	-	0.1 ppm	100 ppm
Hf*	-	-	0.02 ppm	1000 ppm
In	-	-	0.02 ppm	1000 ppm
Li*	-	-	0.1 ppm	2000 ppm
Nb*	-	-	0.02 ppm	2000 ppm
Rb*	-	-	0.1 ppm	2000 ppm
Re	-	-	1 ppb	1000 ppb
Sn*	-	-	0.1 ppm	100 ppm
Ta*	-	-	0.05 ppm	2000 ppm
Y*	-	-	0.01 ppm	2000 ppm
Zr*	-	-	0.1 ppm	2000 ppm
Pt*	-	-	2 ppb	100 ppm
Pd*	-	-	10 ppb	100 ppm
Pb <sub>204</sub>	-	-	0.01 ppm	10000 ppm
Pb <sub>206</sub>	-	-	0.01 ppm	10000 ppm
Pb <sub>207</sub>	-	-	0.01 ppm	10000 ppm
Pb <sub>208</sub>	-	-	0.01 ppm	10000 ppm

\* Solubility of some elements will be limited by mineral species present.

^Detection limit = 1 ppm for 15g / 30g analysis.

**Limitations:**

Au solubility can be limited by refractory and graphitic samples.



## METHOD SPECIFICATIONS

### GROUP 7TD AND 7TX – ASSAY FOUR-ACID DIGESTION

**Package Codes:** 7TD1, 7TD2, 7TD3, 7TX1  
**Sample Digestion:** HF-HNO<sub>3</sub>-HClO<sub>4</sub> acid digestion  
**Instrumentation Method:** ICP-ES (7TD, 7TX), ICP-MS (7TX)  
**Applicability:** Rock and Drill Core

**Method Description:**

Prepared sample is digested to complete dryness with an acid solution of (2:2:1:1) H<sub>2</sub>O-HF-HClO<sub>4</sub>-HNO<sub>3</sub>. 50% HCl is added to the residue and heated using a mixing hot block. After cooling the solutions are made up to volume with dilute HCl in class A volumetric flasks. Sample splits of 0.5g or 0.1g can be analyzed. Very high-grade samples are reweighed at lower weight to accommodate analysis up to 100% upper limit.

Element	Group 7TD Detection	Group 7TX Detection
Ag	2 g/t	0.5 ppm
Al*	0.01%	0.01%
As	0.02%	5 ppm
Ba*	-	5 ppm
Be	-	5 ppm
Bi	0.01%	0.5 ppm
Ca*	0.01%	0.01%
Cd	0.001%	0.5 ppm
Ce	-	5 ppm
Co	0.001%	1 ppm
Cr*	0.001%	1 ppm
Cu	0.001%	0.5 ppm
Fe*	0.01%	0.01%
Hf*	-	0.5 ppm
K	0.01%	0.01%
La	-	0.5 ppm
Li	-	0.5 ppm
Mg	0.01%	0.01%
Mn*	0.01%	5 ppm
Mo	0.001%	0.5 ppm
Na	0.01%	0.01%
Nb*	-	0.5 ppm
Ni	0.001%	0.5 ppm
P	0.01%	0.01%
Pb	0.02%	0.5 ppm



Element	Group 7TD Detection	Group 7TX Detection
Rb	-	0.5 ppm
S*	0.05%	0.05%
Sb	0.01%	0.5 ppm
Sc	-	1 ppm
Sn*	-	0.5 ppm
Sr	0.01%	5 ppm
Ta*	-	0.5 ppm
Th	-	0.5 ppm
Ti*	-	0.001%
U	-	0.5 ppm
V	-	10 ppm
W*	0.01%	0.5 ppm
Y	-	0.5 ppm
Zn	0.01%	5 ppm
Zr*	-	0.5 ppm

**Limitations:**

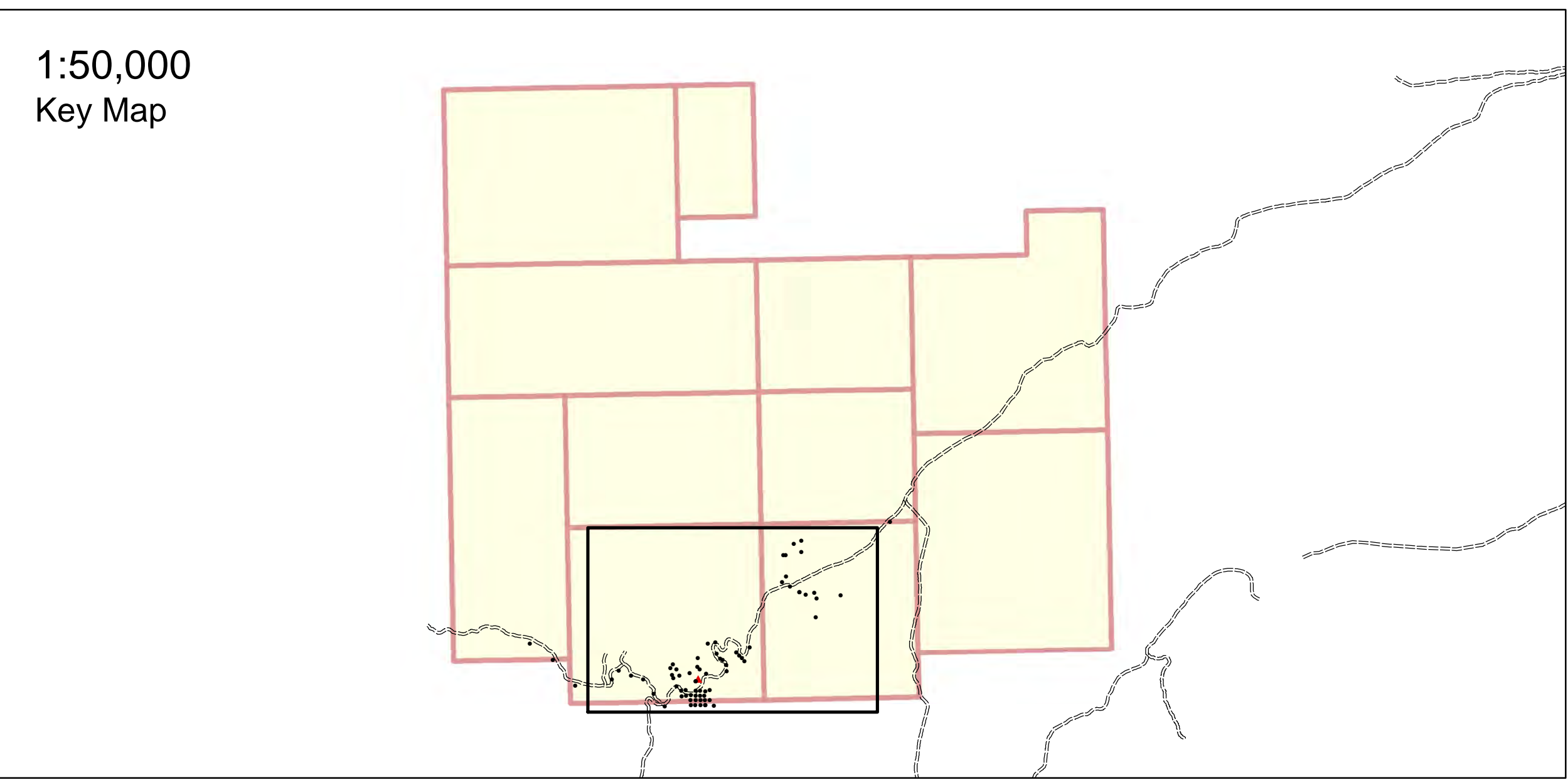
\*This digestion is only partial for some Cr and Ba minerals and some oxides of Al, Fe, Hf, Mn, Nb, S, Sn, Ta, Ti, W and Zr if refractory minerals are present.

†Volatilization may occur during fuming resulting in some loss of As and Sb.

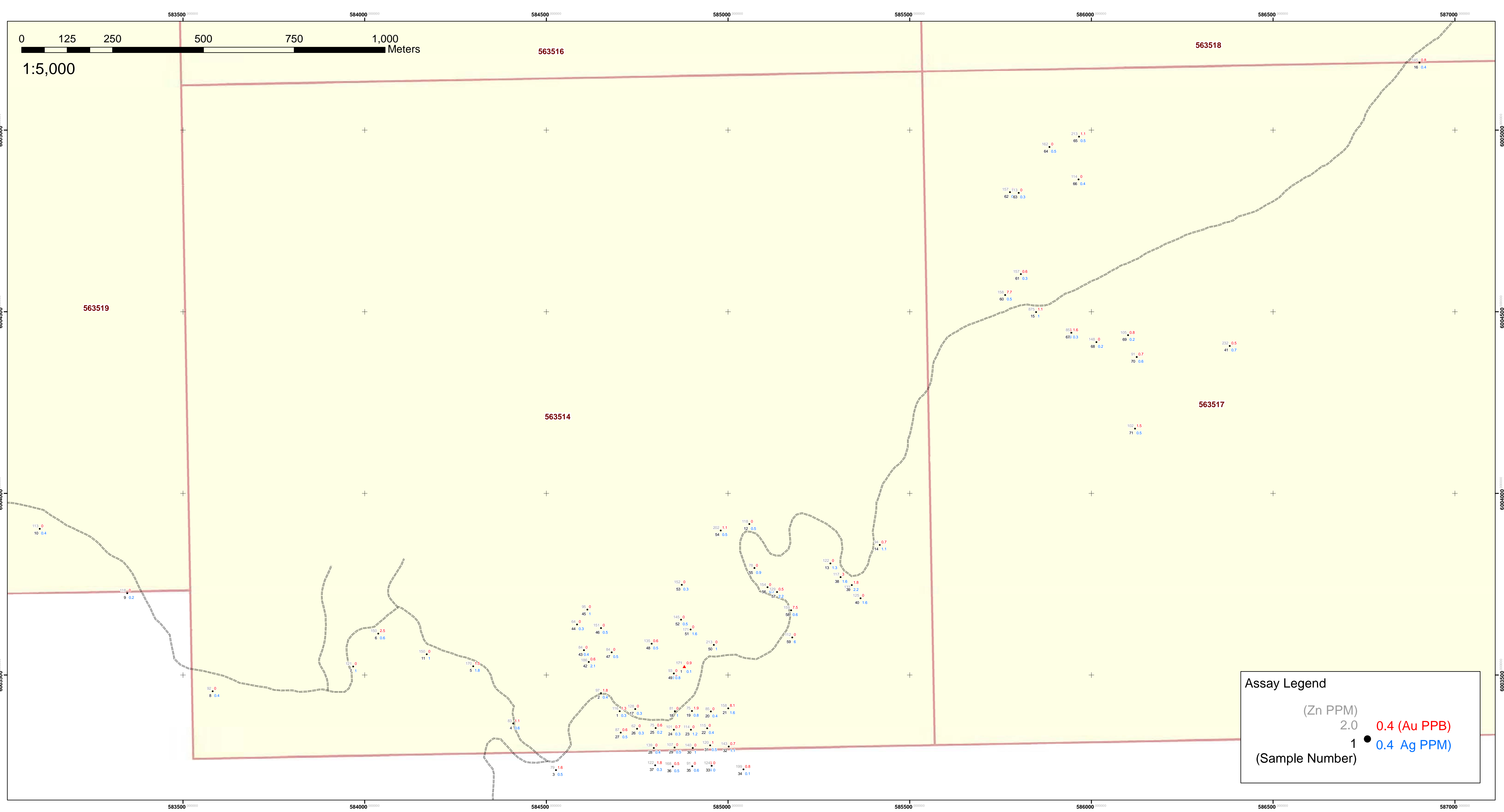
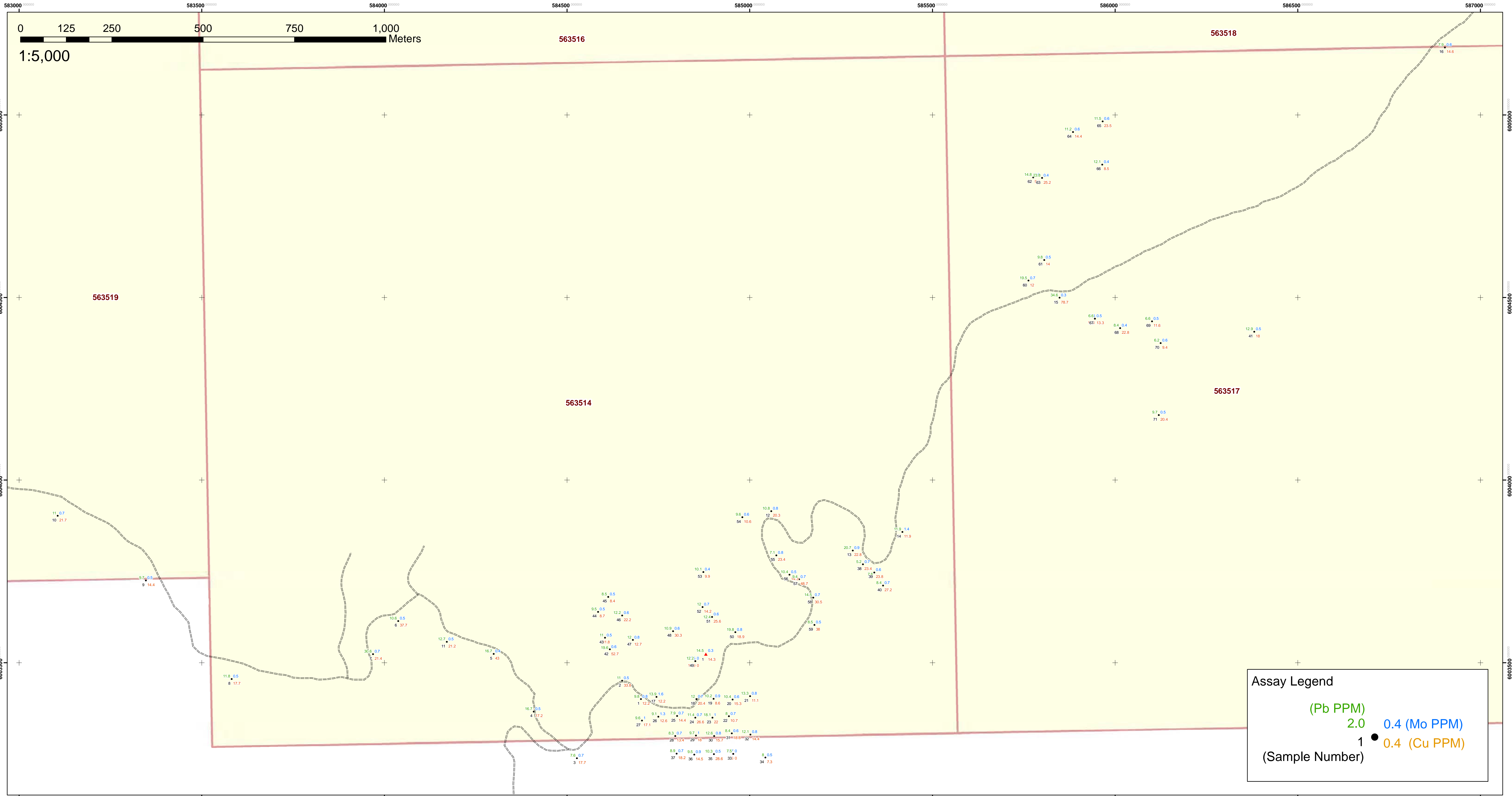


## APPENDIX III: GEOCHEMICAL MAPS AND SAMPLE INFORMATION

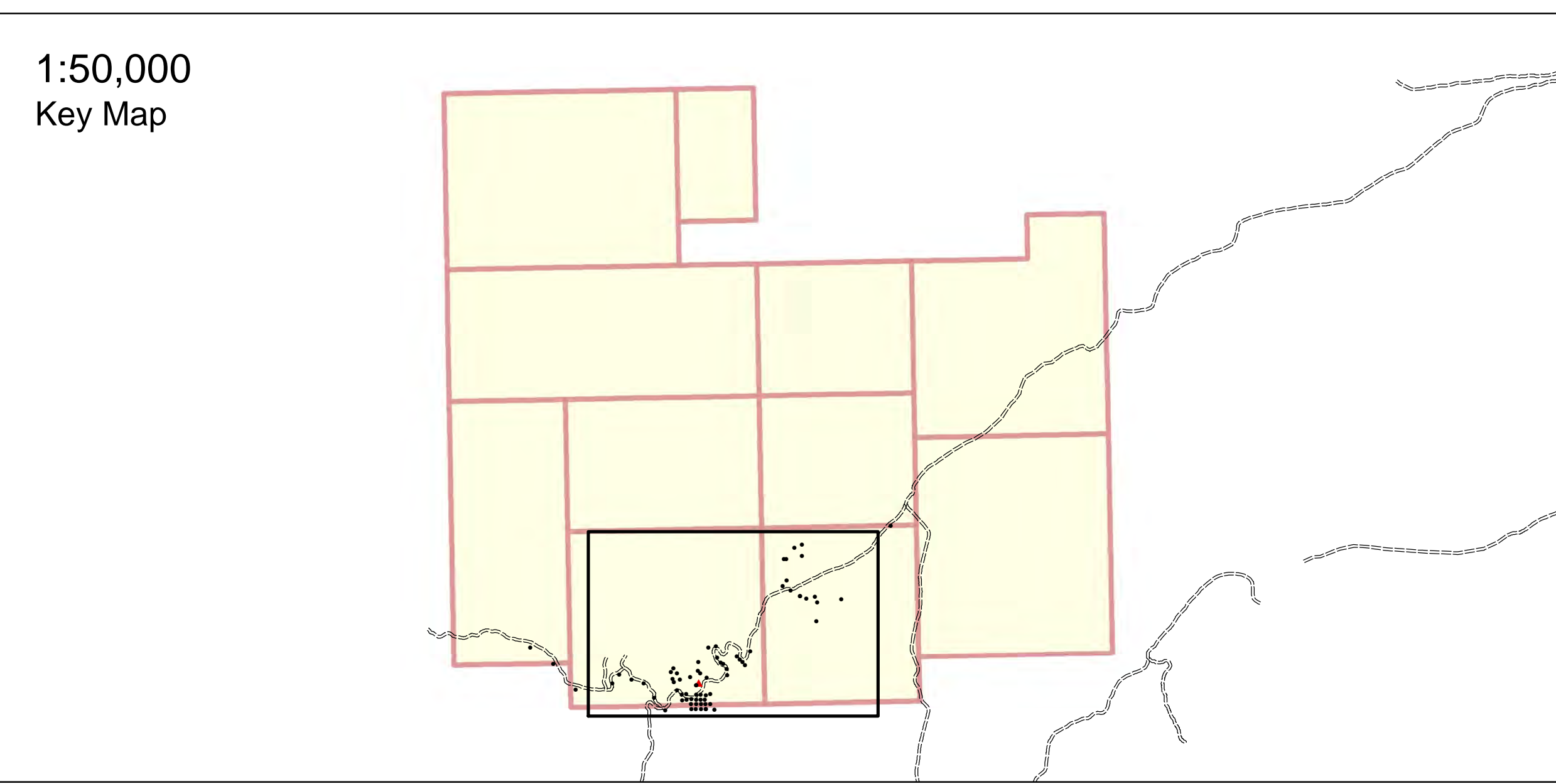
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- ▲ Stream/Silt Sample
- Subject Claims
- Adjacent and Overlapping Claims
- Tenure Road
- Existing Cat Trails
- Bridges
- 20K Trim Contours
- 20K Trim Watercourses
- 20K Trim Water
- Private Land
- Cutblocks
- Wetland



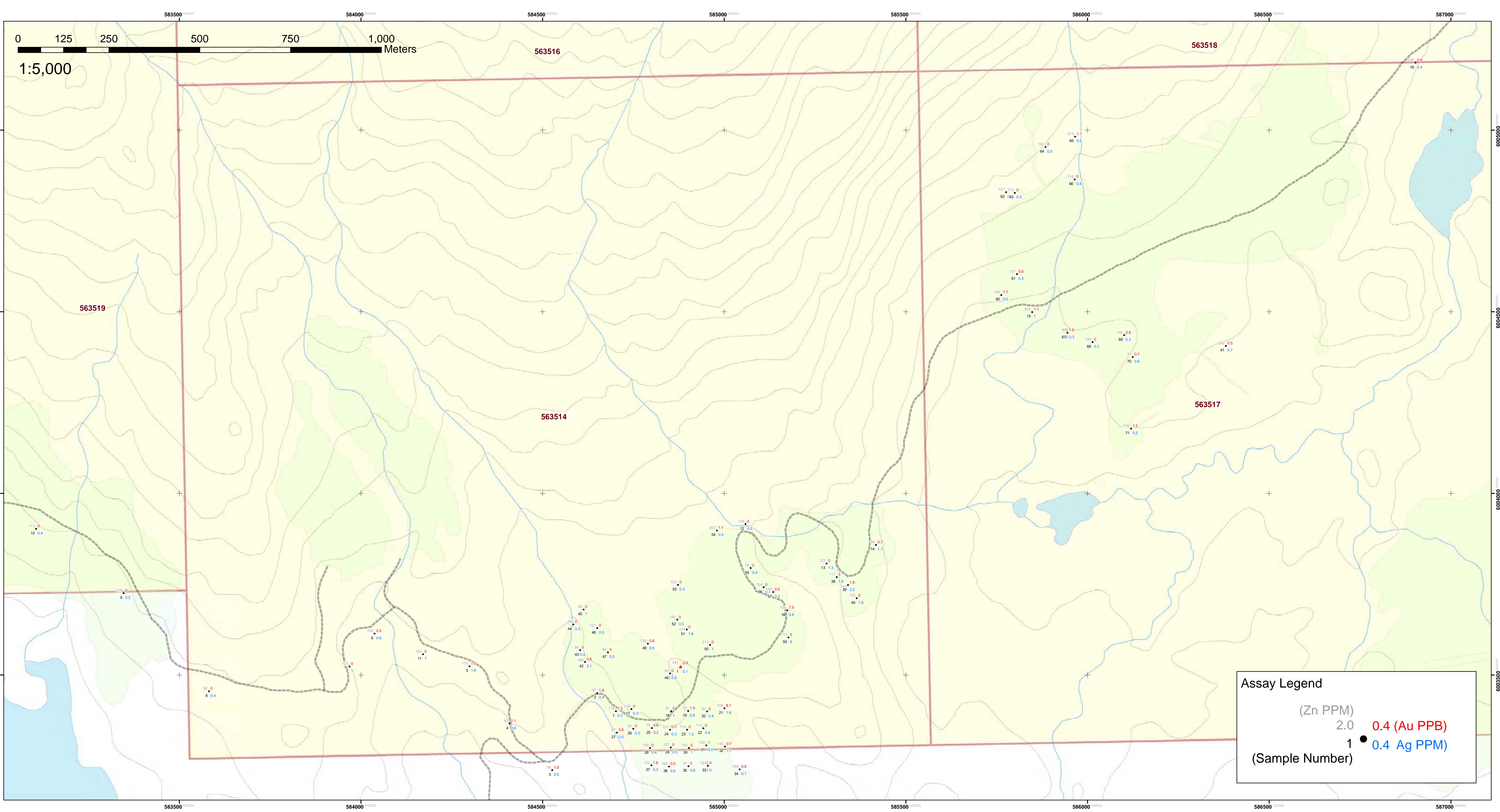
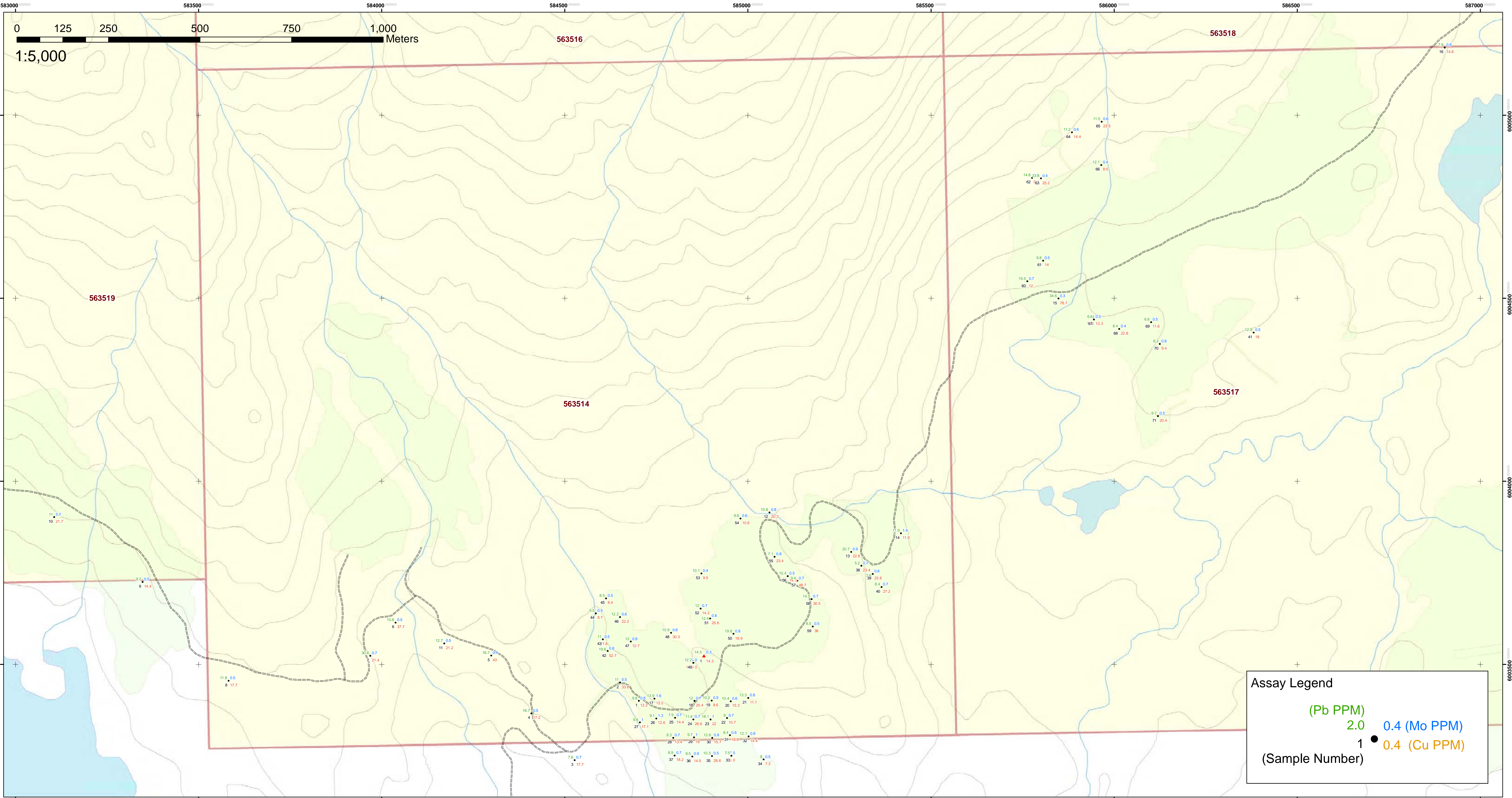
**Lund & Thompson  
Soil and Silt Assay Results 2012  
Low Profile Ventures Ltd.**



- Soil Sample
  - ▲ Stream/Silt Sample
  - Subject Claims
  - Adjacent and Overlapping Claims
  - Tenure Road
  - Existing Cat Trails
  - Bridges
  - 20K Trim Contours
  - 20K Trim Watercourses
  - 20K Trim Water
  - Private Land
  - Cutblocks
  - Wetland
- Data provided by: Geomatics, LRDW  
Projection: NAD 83 UTM Zone 9  
Drawn by: THUTM Exploration Services Ltd.  
Office: (250)877-3740  
email: Tara@utmexploration.com



## Lund & Thompson Soil and Silt Assay Results 2012 Low Profile Ventures Ltd.



Soil Sample Details

<u>Date</u>	<u>Sample #</u>	<u>Sample Type</u>	<u>Easting</u>	<u>Northing</u>	<u>Elevation (m)</u>	<u>Soil Depth (cm)</u>	<u>Soil</u>	<u>Colour</u>
13-Jun-12	001	Soil	584702	6003400	933	10	GM	reddish brown
	002	Soil	584651	6003450	928	10	GM	reddish brown
	003	Soil	584527	6003238	929	10	ML	rust red brown
	003 Duplicate	Soil	584527	3003238	929	10	ML	rust red brown
	004	Soil	584409	6003366	945	10	GM	reddish brown
	005	Soil	584299	6003524	954	10	GM	reddish brown
	006	Soil	584038	6003614	981	20	GM	reddish brown
	007	Soil	583969	6003523	982	10	ML	reddish brown
	008	Soil	583582	6003455	991	10	ML	reddish brown
	009	Soil	583347	6003725	997	15	GM	light brown
	010	Soil	583106	6003902	1001	15	GM	reddish brown
	011	Soil	584171	6003557	960	20	GM	light brown
	012	Soil	585059	6003915	940	15	GM	reddish brown
	013	Soil	585282	6003807	902	15	GM	reddish brown
	014	Soil	585418	6003858	879	20	GM	reddish brown
	015	Soil	585848	6004499	842	25	GM	light brown
	016	Soil	586903	6005185	824	15	ML	reddish brown
14-Jun-12	017	Soil	584745	6003406	931	10	GM	reddish brown
	018	Soil	584854	6003400	938	15	ML	reddish brown
	019	Soil	584901	6003401	941	10	GM	reddish brown
	020	Soil	584953	6003399	940	10	GM	reddish brown
	021	Soil	585001	6003408	933	15	GM	reddish brown
	022	Soil	584943	6003353	942	10	GM	reddish brown
	023	Soil	584898	6003349	944	20	GM	reddish brown
	024	Soil	584851	6003349	944	10	GM	reddish brown

<u>Date</u>	<u>Sample #</u>	<u>Sample Type</u>	<u>Easting</u>	<u>Northing</u>	<u>Elevation (m)</u>	<u>Soil Depth (cm)</u>	<u>Soil</u>	<u>Colour</u>
	025	Soil	584801	6003354	939	10	GM	reddish brown
	026	Soil	584750	6003352	935	20	GM	reddish brown
	027	Soil	584705	6003341	928	15	GM	reddish brown
	028	Soil	584796	6003299	932	30	GM	light brown
	029	Soil	584853	6003300	935	25	GM	reddish brown
	030	Soil	584903	6003299	937	30	GM	reddish brown
	031	Soil	584951	6003306	936	10	GM	reddish brown
	032	Soil	585002	6003303	934	30	GM	light brown
	033	Soil	584955	6003250	929	10	ML	reddish brown
	033 Duplicate	Soil	584955	6003250	929	10	ML	reddish brown
	034	Soil	585043	6003240	929	20	GM	reddish brown
	035	Soil	584902	6003249	927	30	ML	light brown
	036	Soil	584848	6003248	922	30	GM	light brown
	037	Soil	584800	6003251	918	10	GM	reddish brown
	038	Soil	585310	6003769	897	10	ML	reddish brown
	039	Soil	585341	6003747	893	15	ML	light brown
	040	Soil	585365	6003711	889	20	ML	reddish brown
	041	Soil	586381	6004406	857	20	GM	reddish brown
15-Jun-12	042	Soil	584617	6003536	935	20	GM	light brown
	043	Soil	584604	6003568	937	20	GM	light brown
	044	Soil	584585	6003639	950	10	GM	reddish brown
	045	Soil	584613	6003680	970	10	GM	reddish brown
	046	Soil	584651	6003629	964	25	GM	reddish brown
	047	Soil	584680	6003562	957	25	GM	reddish brown
	048	Soil	584790	6003586	953	10	GM	light brown
	049	Soil	584851	6003504	950	10	ML	reddish brown

<u>Date</u>	<u>Sample #</u>	<u>Sample Type</u>	<u>Easting</u>	<u>Northing</u>	<u>Elevation (m)</u>	<u>Soil Depth (cm)</u>	<u>Soil</u>	<u>Colour</u>
	049 Duplicate	Soil	584851	6003504	950	10	ML	reddish brown
	050	Soil	584961	6003583	952	25	GM	light brown
	051	Soil	584897	6003625	948	30	GM	light brown
	052	Soil	584871	6003652	943	20	GM	light brown
	053	Soil	584873	6003748	954	20	ML	reddish brown
	054	Soil	584980	6003898	963	35	GM	light brown
	055	Soil	585073	6003794	938	30	ML	reddish brown
	056	Soil	585109	6003741	950	10	ML	reddish brown
	057	Soil	585135	6003728	958	10	GC	reddish brown
	058	Soil	585174	6003678	960	25	GM	light brown
	059	Soil	585177	6003603	967	25	ML	reddish brown
16-Jun-12	060	Soil	585763	6004546	858	15	GM	reddish brown
	061	Soil	585806	6004603	867	15	GM	reddish brown
	062	Soil	585776	6004829	928	15	GM	reddish brown
	063	Soil	585800	6004827	927	40	GM	reddish brown
	064	Soil	585885	6004953	950	20	GM	reddish brown
	065	Soil	585966	6004982	946	10	GM	light brown
	066	Soil	585965	6004864	933	10	GM	light brown
	067	Soil	585945	6004442	856	10	SW	reddish brown
	067 Duplicate	Soil	585945	6004442	856	10	SW	reddish brown
	068	Soil	586014	6004416	854	10	GM	light brown
	069	Soil	586101	6004435	854	10	ML	reddish brown
	070	Soil	586125	6004375	856	10	ML	reddish brown
	071	Soil	586120	6004178	845	10	ML	light brown

Silt Sample Details

<b>Date</b>	<b>Sample #</b>	<b>Sample Type</b>	<b>Easting</b>	<b>Northing</b>	<b>Elevation (m)</b>
15-Jun-12	001	Stream/Silt	584880	6003523	945

## APPENDIX IV: FIELD NOTES



Sept. 20/12 cont  
Lund + Thompson

- Road deactivated @ Km 19
- both bridges removed
- no ATV access

Back on Monica 3<sup>15</sup> pm

Smithers @ 5pm

6<sup>30</sup>-8 - BLS

8-noon - W+T

noon-3<sup>00</sup> - W+T

3<sup>00</sup>-5 - B

"Rite in the Rain"

Sample 010 ROX  
E N elev  
626854 5956054 923

June 13 2012 L+T on the shore

Soil sample 001

E	N	elev	depth	soil	color
584702	6003400	933	10cm	GM	reddish brown

Soil sample 002

E	N	elev	depth	soil	color
584651	6003450	928	10cm	GM	reddish brown

Soil sample 003

E	N	elev	depth	soil	color
584527	6003238	924	10cm	ML	rust red brown

look for sample 003

Soil sample 004

E	N	elev	depth	soil	color
584404	6003466	945	10cm	GM	reddish brown

Soil sample 005

E	N	elev	depth	soil	color
584269	6003524	954	10cm	GM	reddish brown

Soil Sample 006  
E N elev depth soil color  
584028 600364 981 20cm GM reddish brown

Soil Sample 007  
E N elev depth soil color  
584164 6003523 982 10cm ML reddish brown

Soil sample 008  
E N elev depth soil color  
583582 6003455 991 10cm ML reddish brown

Soil sample 009  
E N elev depth soil color  
583317 6003725 997 15cm GM light brown

Soil Sample 010  
E N elev depth soil color  
583106 6003902 1001 15cm GM reddish brown

Soil Sample 011  
E N elev depth soil color  
584171 6003457 960 20cm GM light brown

Soil Sample 012  
E N elev depth soil color  
585059 6003915 940 15cm GM reddish brown

Soil sample 013					
E	N	elev	depth	Soil	Color
585282	6003807	902	15cm	GM	reddish brown

Soil sample 014					
E	N	elev	depth	Soil	Color
585418	6003858	879	20cm	GM	reddish brown

Soil sample 015					
E	N	elev	depth	Soil	Color
585848	6004499	842	25cm	GM	light brown

Soil sample 016					
E	N	elev	depth	Soil	Color
586903	6005185	824	15cm	ML	reddish brown

June 14 2012 LT Shea

Soil sample 017					
E	N	elev	depth	Soil	Color
584745	6004106	931	10cm	GM	reddish brown

Soil sample 018					
E	N	elev	depth	Soil	Color
584854	6003400	938	15cm	ML	reddish brown

Soil sample 019					
E	N	elev	depth	Soil	Color
584901	6003401	941	10cm	GM	reddish brown

Soil sample 020					
E	N	elev	depth	Soil	Color
584953	6003399	940	10cm	GM	reddish brown

Soil sample 021					
E	N	elev	depth	Soil	Color
585001	6004108	933	15cm	GM	reddish brown

Soil sample 022					
E	N	elev	depth	Soil	Color
584443	6003353	942	10cm	GM	reddish brown

Soil sample 023					
E	N	elev	depth	Soil	Color
584848	6003349	944	20cm	GM	reddish brown

Soil sample 024					
E	N	elev	depth	Soil	Color
584851	6003349	944	10cm	GM	reddish brown

Soil sample 025					
E	N	elev	depth	Soil	Color
584801	6003354	939	10cm	GM	reddish brown

Soil sample 026					
E	N	elev	depth	Soil	Color
584700	6003352	935	20cm	GM	reddish brown

Soil sample 027					
E	N	elev	depth	Soil	Color
584705	6003341	928	15cm	GM	reddish brown

Soil sample 033					
E	N	elev	depth	soil	Color
584746	6005249	932	20cm	Gm	light brown
Soil sample 039					
E	N	elev	depth	soil	Color
584853	6005249	935	25cm	Gm	light brown
Soil sample 040					
E	N	elev	depth	soil	Color
584903	6005249	937	20cm	Gm	light brown
Soil sample 031					
E	N	elev	depth	soil	Color
584961	6005249	932	10cm	Gm	light brown
Soil sample 032					
E	N	elev	depth	soil	Color
585007	6005249	934	20cm	Gm	light brown
Soil sample 033					
E	N	elev	depth	soil	Color
584933	6005249	934	10cm	ml	light brown
Soil sample 034					
E	N	elev	depth	soil	Color
585043	6005249	934	20cm	Gm	light brown
Soil sample 035					
E	N	elev	depth	soil	Color
584901	6005249	937	20cm	ml	light brown

Soil sample 036					
E	N	elev	depth	soil	Color
584948	6005249	922	20cm	Gm	light brown
Soil sample 037					
E	N	elev	depth	soil	Color
584900	6005249	918	10cm	Gm	light brown
Soil sample 038					
E	N	elev	depth	soil	Color
585440	6005249	897	10cm	ml	light brown
Soil sample 039					
E	N	elev	depth	soil	Color
585341	6005249	893	15cm	ml	light brown
Soil sample 040					
E	N	elev	depth	soil	Color
585365	6005249	889	20cm	ml	light brown
Soil sample 041					
E	N	elev	depth	soil	Color
585591	6005249	857	20cm	Gm	light brown
June 15 2012 L+T 100					
Soil sample 042					
E	N	elev	depth	soil	Color
584817	6005249	935	20cm	Gm	light brown
Soil sample 043					
E	N	elev	depth	soil	Color
584604	6005249	937	20cm	Gm	light brown

Soil sample 044

E	N	elev	depth	Soil	Color
584585	6003639	950	10cm	Gm	reddish brown

Soil sample 045

E	N	elev	depth	Soil	Color
584613	6003680	970	10cm	Gm	reddish brown

Soil sample 046

E	N	elev	depth	Soil	Color
584651	6003629	964	25cm	Gm	reddish brown

Soil sample 047

E	N	elev	depth	Soil	Color
584680	6003562	957	25cm	Gm	reddish brown

Soil sample 048

E	N	elev	depth	Soil	Color
584790	6003586	953	10cm	Gm	light brown

Soil sample 049

E	N	elev	depth	Soil	Color
584851	6003504	950	10cm	ML	reddish brown

Top DP in sample 049

SS sample 001

E	N	elev
584880	6003523	945

Soil sample 050

E	N	elev	depth	Soil	Color
584961	6003583	957	25cm	Gm	light brown

Soil sample 051

E	N	elev	depth	Soil	Color
584897	6003625	948	30cm	Gm	light brown

Soil sample 052

E	N	elev	depth	Soil	Color
584871	6003652	943	20cm	Gm	light brown

Soil sample 053

E	N	elev	depth	Soil	Color
584873	6003748	954	20cm	ML	reddish brown

Soil sample 054

E	N	elev	depth	Soil	Color
584980	6003898	963	35cm	Gm	light brown

Soil sample 055

E	N	elev	depth	Soil	Color
585073	6003744	938	30cm	ML	reddish brown

Soil sample 056

E	N	elev	depth	Soil	Color
585104	6003741	950	10cm	ML	reddish brown

Soil sample 057

E	N	elev	depth	Soil	Color
585135	6003728	958	10cm	GC	reddish brown

Soil sample 058

E	N	elev	depth	Soil	Color
585174	6003678	960	25cm	Gm	light brown

Soil Sample 059					
E	N	elev	depth	soil	color
585177	6003603	967	2.5cm	ML	reddish brown

June 16 2012 LTR sheet

Soil Sample 060					
E	N	elev	depth	Soil	Color
585763	6004546	858	15cm	GM	reddish brown

Soil Sample 061					
E	N	elev	depth	Soil	Color
585806	6004603	867	15cm	GM	reddish brown

Soil Sample 062					
E	N	elev	depth	Soil	Color
585716	6004829	928	15cm	GM	reddish brown

Soil Sample 063					
E	N	elev	depth	Soil	Color
585800	6004827	927	40cm	GM	reddish brown

Soil Sample 064					
E	N	elev	depth	Soil	Color
585885	6004953	950	20cm	GM	reddish brown

Soil Sample 065					
E	N	elev	depth	Soil	Color
585966	6004982	946	10cm	GM	light brown

Soil Sample 066					
E	N	elev	depth	Soil	Color
585965	6004864	933	10cm	GM	light brown

Soil Sample 067					
E	N	elev	depth	Soil	Color
585945	6004442	856	10cm	SLW	reddish brown
took DP for sample 067					

Soil Sample 068					
E	N	elev	depth	Soil	Color
586014	6004416	854	10cm	GM	light

Soil Sample 069					
E	N	elev	depth	Soil	Color
586101	6004435	854	10cm	ML	reddish brown

Soil Sample 070					
E	N	elev	depth	Soil	Color
586125	6004375	856	10cm	ML	reddish brown

Soil Sample 071					
E	N	elev	depth	Soil	Color
586120	6004178	845	10cm	ML	light brown

## APPENDIX V: PHOTOS

Shea FSR decommissioned at KM 19 on Lund and Thompson Property.

