

**2012 EXPLORATION PROGRAM  
ON THE LITTLE HYLAND PROJECT,  
YUKON TERRITORY**

On Quartz Claims

Grant #	Claim Name
YD29584 – YD29613	RUBUS 9 - 38
YD29622 – YD29625	RUBUS 47 - 50
YD31301 – YD31310	RUBUS 51 – 60
YD31316 – YD31329	RUBUS 61 - 74
YE48037 – YE48059	NT 1 - 23

Report By:  
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Whitehorse, Yukon

Location: 62° 00' N, 128° 30' W  
NTS: 105I02  
Watson Lake Mining District  
December, 2012

## **SUMMARY**

The Little Hyland Project is located approximately 205 kilometres north of the community of Watson Lake and 10 kilometres west of the mining community of Tungsten in the Northwest Territories. The property is within the Little Hyland River Valley in the Watson Lake Mining District, in southeast Yukon. The property consists of 81 quartz mining claims that are variably owned by Mr. Gary Lee, and Mr. Robert Scott.

The property is primarily a precious metals target with gold and lesser silver, in quartz veins. It also contains arsenopyrite-pyrite, +/-chalcopyrite, +/- galena+/- sphalerite mineralization.

Between July 7 and August 3, 2012 plus September 5 and September 11, 2012, Gary Lee conducted an exploration program with a focus on precious metal mineralization along government airborne magnetic trends. The 2012 program consisted of the collection of 7 rock samples, 150 soil samples and 7 stream sediment samples. As well, 2,360 m of grid was established for soil sampling.

Work on the Culvert claims in 2009 identified gold in the phyllites which was postulated to represent a mesothermal gold-quartz vein style occurrence. Also known as shearhosted gold, this deposit type occurs in any of a variety of greenschist-grade rocks, and occurs in proximity to steep faults or sutures of ancient continental margin collision zones. Gold, pyrite, and arsenopyrite are essential minerals of this deposit type occurring chiefly in quartz veins deposited within faults and joint systems. In the process of vein emplacement, wallrock is silicified, pyritized and/or sericitized inside a broad halo of carbonitization.

Detailed work in 2012, on the Rubus and NT claims continued to yield anomalous gold values. These anomalous values continued to occur on or near the government airborne mag. (first derivative) contacts east of both the Little Hyland River and the March Fault. Any future prospecting should continue north of the 2012 project area centered along these high-low magnetic contacts. This trend is verified by the northern most stream sediment sample on the Rubus 74 claim which yielded 85 ppb gold, 61 ppm arsenic, 111 ppm copper, 6650 ppm manganese, 598 ppm zinc and 263 ppm nickel. Also, anomalous values in cobalt, nickel, zinc, manganese and arsenic began showing up 3 Km. to the south of the 2012 project area in stream seds (2010 report). This indicates, the geology is changing and should be investigated.

A follow-up program should consist of geologic mapping followed with backhoe trenching and/or blast trenching.

## TABLE OF CONTENTS

Summary	
1.0 Introduction .....	1
2.0 Property Location and Access .....	2
3.0 Claim Information .....	2
4.0 Physiography, Vegetation and Climate .....	4
5.0 Exploration History .....	4
6.0 Geological Setting .....	7
6.1 Regional Geological Setting .....	7
6.2 Property Geology and Mineralization .....	10
7.0 2012 Exploram Program .....	11
8.0 Geochemical Analytical Procedure .....	12
9.0 Results Rubus & NT Claims .....	12
10.0 Conclusions and Recommendations .....	13
11.0 Statement of Expenditure .....	21
12.0 References .....	22

## LIST OF FIGURES

1 Property Location Map .....	3
2 Claim Map plus Work Area Index Map .....	6
3 Regional Geology Map .....	9
4 Rubus & NT Gold Geochem .....	14
5 Rubus & NT – Arsenic Geochem .....	15
6 Rubus & NT – Gold Geochem.....	16
7 Rubus & NT – Arsenic Geochem.....	17
8 Rubus & NT - Gold Geochem.....	18
9 Rubus & NT Arsenic Geochem.....	19
10 Aerial Magnetic Map .....	20

## TABLES

1 Claim Information .....	2
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## APPENDICES

Appendix I Statement of Qualifications	
Appendix II 2012 Rock, Soil and Stream Sediment Sample Descriptions	
Appendix III Geochemical Analytical Certificates	
Appendix IV Crew Log	

## **1.0 INTRODUCTION**

The Little Hyland Project is located approximately 205 kilometres north of the community of Watson Lake and 10 kilometres west of the mining community of Tungsten in the Northwest Territories. The property is within the Little Hyland River Valley in the Watson Lake Mining District, in southeast Yukon.

The property consists of quartz mining claims that are variably owned by Mr. Gary Lee and Mr. Robert Scott, all of Whitehorse, Yukon. The property is primarily a precious metals target with gold and lesser silver, in quartz veins. It also contains arsenopyrite-pyrite, +/-chalcopyrite, +/- galena+/- sphalerite mineralization and numerous gold and arsenic anomalies mainly in soils. Mineralization consisting of gold, arsenic, lead and copper occurs in quartz veins and enveloping country rock. The quartz veins are hosted in grey-green phyllites, presumed to be of the Vampire Group volcano-sedimentary package of rocks. Quartz pebble conglomerate float has also been encountered.

Exploration work in 2009 focused on the Culvert Claims, while work in 2010 and 2011 focused primarily on the Rubus, Sheer, LH and Swag claims. Between July 7 and August 3, 2012, plus September 5 and September 11, 2012, Gary Lee conducted a reconnaissance exploration program on the north end of the Rubus and NT claims with a focus on precious metal mineralization and precious metals bearing structures. The 2012 program consisted of the collection of 7 rock samples, 150 soil samples and 7 stream sediment samples. As well as, 2,360 m of grid for soil sampling. The 2012 program focused on sampling along the magnetic contacts found on the government first derivative airborne magnetic survey.

Anomalous gold values have been found over the past two seasons on or near these contacts. This occurs on the east side of both the Little Hyland River and the March Fault.

This assessment report summarizes the known geology, mineralization, and exploration potential for a contiguous set of mineral claims known as the Little Hyland Project. All information was supplied by Mr. Lee. Original analytical certificates used in the report were provided by ALS Labs. Other information used in the preparation of the report includes government publications and assessment reports in the public domain. The author of this report, Gary Lee, is either a co-owner or owner of these claims.

## 2.0 PROPERTY LOCATION and ACCESS

The Little Hyland Project is located approximately 205 kilometres north of the community of Watson Lake (Figure 1) and 10 kilometres west of the mining community of Tungsten in the Northwest Territories. The property is centered at 62° 00' N latitude and 128° 30' W longitude on NTS map sheets 105H15, 16, 105I01 and 02 in the Little Hyland River valley.

The property is most easily accessed via the all-season, gravel surface, Nahanni Range Road from kilometre 110 of the Robert Campbell Highway. The property straddles the Nahanni Range Road, and at kilometre 175, an ATV trail leaves the road to gain access to the northern portion of the property. The Howards' Pass winter trail runs along the southwestern margin of the Rubus claims and provides ATV access in this region. A temporary exploration camp was situated in a gravel pit west of Km. 175.

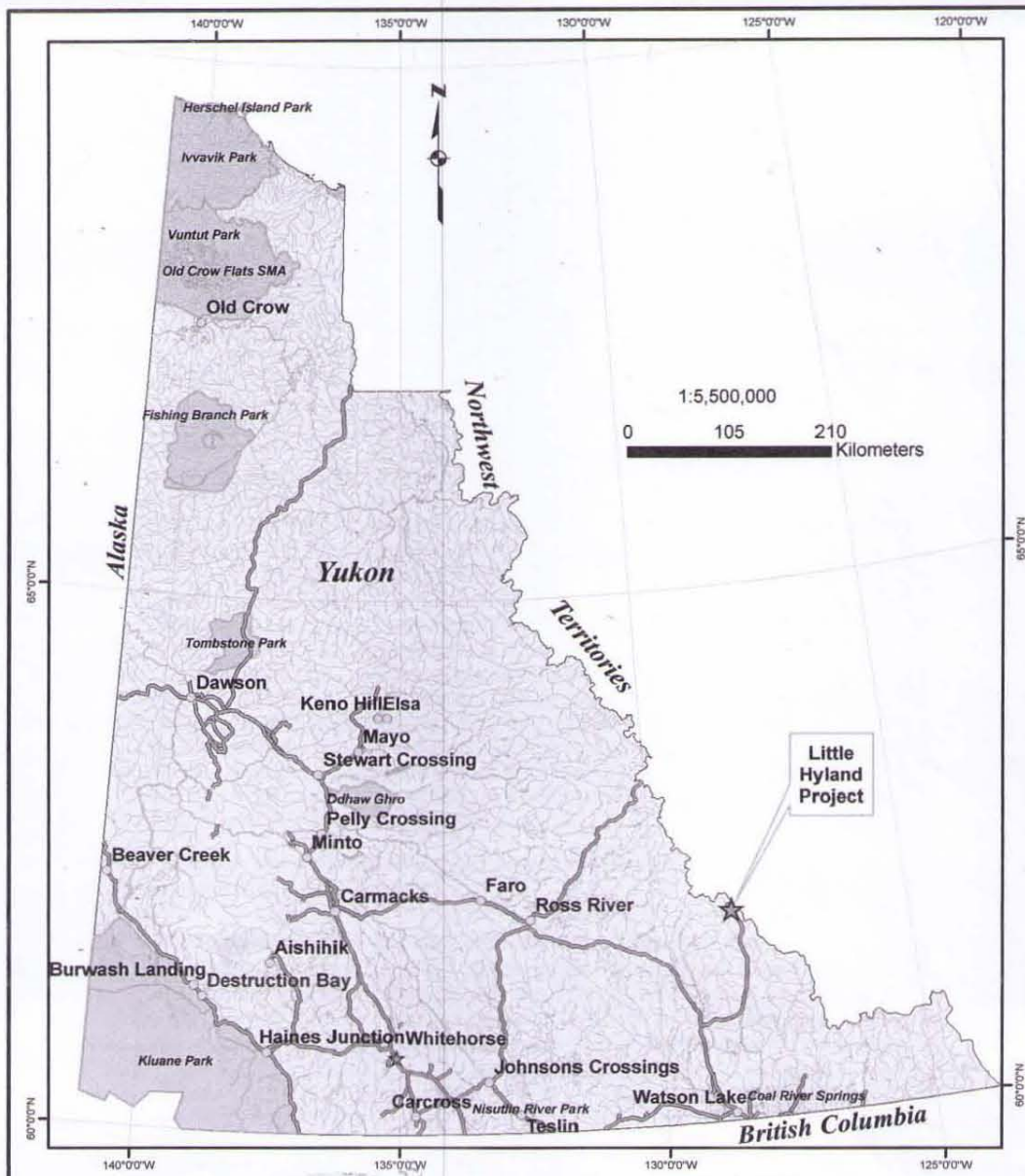
The nearest community is Watson Lake, which has a population of approximately 1,200 people and lies on Highway 1 (Alaska Highway). Watson Lake is the main supply centre for the region.

## 3.0 CLAIM INFORMATION

The property consists of unsurveyed quartz claims staked in accordance with the Yukon Quartz Mining Act in the Watson Lake Mining District. Claim ownership is variable and as listed in Table 2. Claim details are listed in the Table 1, below, and are shown in Figure 2.

**Table 1: Claim Information**

Grant #	Claim Name	Claim Ownership
YD29584 – YD29613	Rubus 9 – 38	Gary Lee 50%, Robert Scott 50%
YD29622 – YD29625	Rubus 47 – 50	Gary Lee 50%, Robert Scott 50%
YD31301 – YD31310	Rubus 51 – 60	Gary Lee 50%, Robert Scott 50%
YD31316 – YD31329	Rubus 61 - 74	Gary Lee 50%, Robert Scott 50%
YE48037 – YE48059	NT 1 - 23	Gary Lee 100%



GARY LEE  
 LITTLE HYLAND PROJECT, YUKON  
 Figure 1. Property Location Map *Page 3*  
 December 14, 2010

CASSELMAN GEOLOGICAL SERVICES LTD.

#### **4.0 PHYSIOGRAPHY, VEGETATION and CLIMATE**

The property is located in the Logan Mountains of the eastern Yukon. The topography in the area is broad, U-shaped valleys between steep mountains. Elevations on the property range from 1200 to 1750 metres above sea level. The lower elevations are covered with spruce and pine forests grading upwards to willows, dwarf birch, grasses, moss and lichens. Steeper slopes are covered by talus and felsenmeer.

The area receives generally high annual precipitation (approximately 450 millimetres) as compared to the Yukon average. Snow generally begins accumulating in alpine areas in late September, while the snow pack starts to recede in late April to early May, allowing fieldwork to commence at lower elevations in mid-May. Temperatures range from +30°, in the summer months, to -50° Celsius, in the winter months.

#### **5.0 EXPLORATION HISTORY**

The region has a long history of exploration beginning with the discovery of the Tungsten Mine in 1954 and the initiation of production in 1962. The Little Hyland Project Area, however, does not have a considerable documented history of exploration, prior to the activities of Mr. Lee and Mr. Scott.

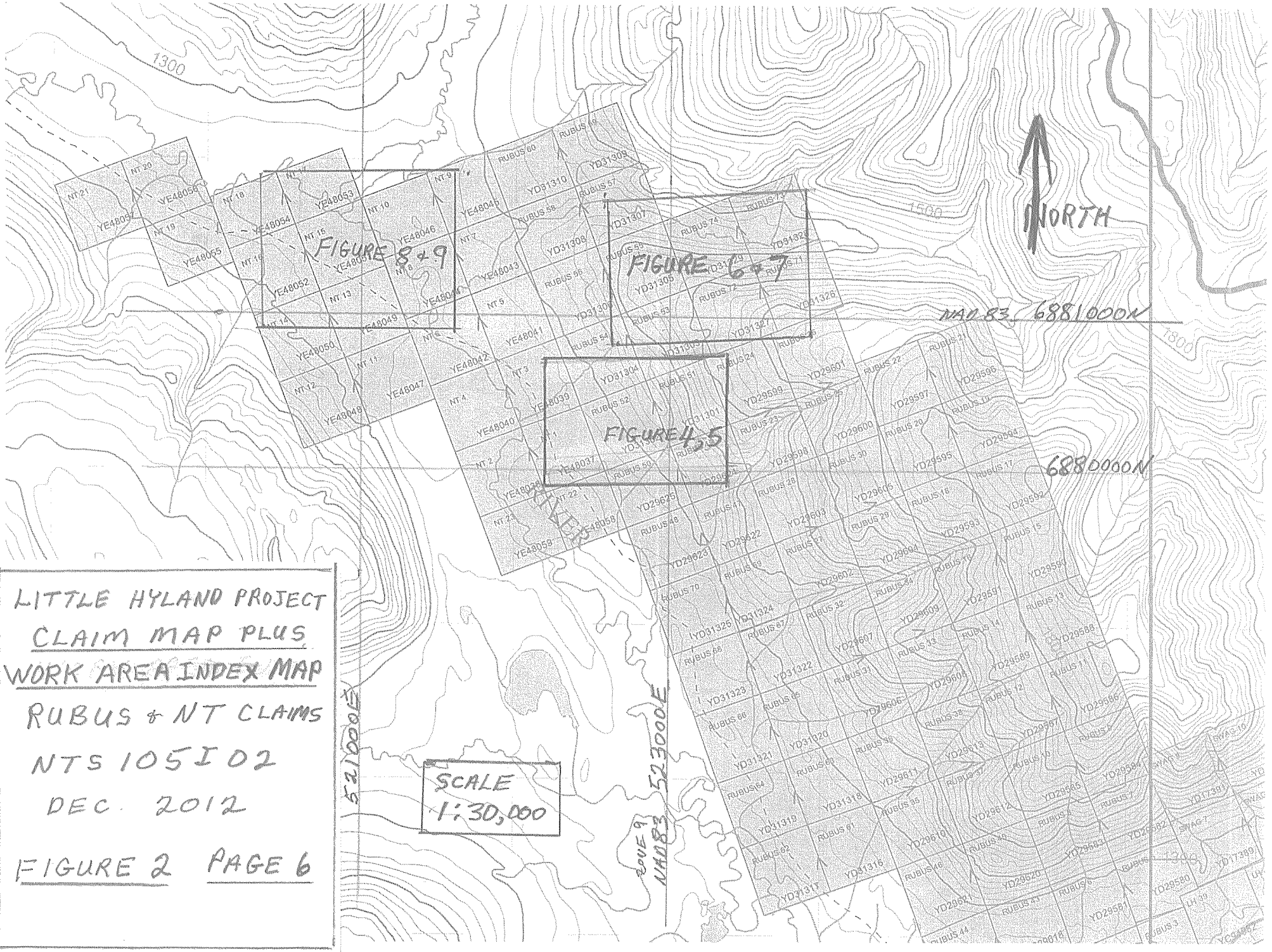
The Yukon Minfile (DIAND, 2002) lists one mineral occurrence within 5 km of the property; the Ricardo Showing. It occurs approximately 3 km south of the project area and is described as an unmineralized ferricrete gossan occurring within an area underlain by Cretaceous granodiorite that intrudes Cambrian slates and phyllites. The gossan was originally staked by Canada Tungsten Mining Corporation Ltd in 1961. There is no record of Canada Tungsten doing any additional work on the property and it was later allowed to lapse.

The Ricardo Showing was later re-staked by Mr. A. Black, in 1980, as the Kay claims, then in 1981 as the Lynx claims by Mr. E. Broadhagen. In each case there is no record of work being performed on the property and the claims were allowed to lapse.

The most significant exploration activity in the area has been at the Tuna property, located 12 km southeast of the project area. It was originally staked in 1981 by Union Carbide Exploration Ltd and has been explored for placer gold, skarn-type tungsten, and lode gold. The property is underlain by a Cretaceous granodiorite stock that intrudes Cambrian slates, phyllites and siltstones of the Hyland Formation. Union Carbide performed stream sediment sampling, rock and soil sampling, geological mapping and prospecting on the property in 1982. This work identified numerous scheelite, molybdenite and chalcopyrite mineralized occurrences, often associated with quartz-tourmaline veins. However, Union Carbide later allowed the claims to lapse.

In 1989, Noranda Exploration Canada subsequently staked by Kokanee Explorations Ltd in 1991. Kokanee conducted a program of prospecting, mapping and sampling in 1992. The company changed its' name to Consolidated Ramrod Gold Corporation later that year. In 1993, Consolidated Ramrod performed a limited amount of lithochemical and stream sediment sampling, which returned weak to moderately anomalous gold results. Northern Tiger's 3 Ace property, 30 to 40 km south has also yielded high gold values.

Gold was first discovered by Robert Scott while panning in the creek at the culvert on the Nahanni Range road in 1984. The first Golden Culvert claims were staked in September of 2005 and added on to in 2006, 2008, 2009 and 2010. In 2006, 2007, 2008, 2009, 2010, 2011 and 2012 Mr. Lee conducted exploration programs predominantly on the Culvert, Rubus, LH, Zanzibar Red Bluff and NT claims consisting of prospecting, stream sediment, soil and rock sampling. This work returned anomalous gold and arsenic values.



LITTLE HYLAND PROJECT  
CLAIM MAP PLUS  
WORK AREA INDEX MAP  
 RUBUS & NT CLAIMS  
 NTS 105I02  
 DEC. 2012  
FIGURE 2 PAGE 6

SCALE  
 1:30,000

## **6.0 GEOLOGICAL SETTING**

The following text is reprinted from Casselman, 2010. The description of the property geology reports on the limited number of hand samples submitted to the author for evaluation and offers possible deposit types for the occurrence of gold on the property.

### **6.1 Regional Geological Setting**

The Little Hyland Project area is located in the Selwyn Basin in the eastern Yukon. The Selwyn Basin is part of the cordilleran miogeocline and is characterized by thick accumulations of clastic sediments, with a significant component of deepwater black shales and cherts (Heon, 2007). These basinal rocks interfinger with and are bound by shallower-water platformal carbonates (Figure 3). The Selwyn Basin is bound to the north by the Dawson Fault, grades into platformal facies to the east (Mackenzie Platform) and southwest (Cassiar Platform), may be bound by a Mesozoic thrust fault separating it from Yukon-Tanana Terrane in the Anvil district, and is offset to the southwest by the Tintina Fault. The sediments range in age from Precambrian to Jurassic (Heon, 2007) and lie within the Omineca Belt of the Northern Cordillera (Hart, 2002).

The eastern part of the Little Hyland Project area is underlain by Upper Proterozoic to Lower Cambrian dark brown, fine-grained and thinly-bedded, argillaceous sandstone and siltstone with minor, interbedded, medium- to coarse grained, white to light grey orthoquartzite, phyllite, slate and argillite of the Vampire Formation (uPCV). The western part of the property is underlain by thinly to thickly bedded brown to pale green shales, fine- to coarse-grained quartz-rich sandstones, quartz-pebble conglomerates, minor argillaceous limestones, phyllites, quartzo-feldspathic and micaceous psammites, gritty psammites, and minor marbles of the Upper Proterozoic to Lower Cambrian Narchilla Formation of the Hyland Group (PCHn) (Gordey, et. al., 2000).

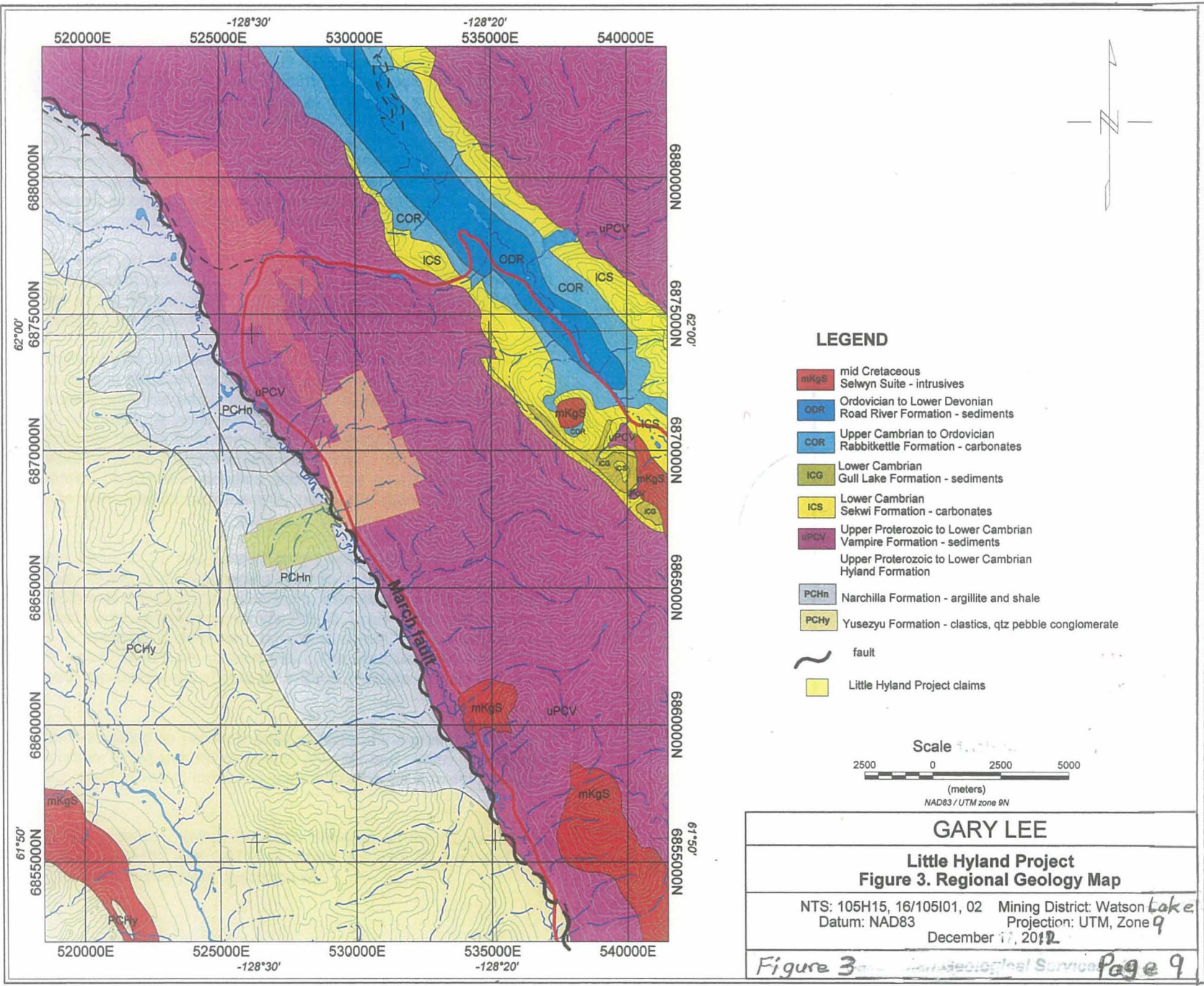
Northeast of the property, in the area of the Tungsten Mine, younger sedimentary rocks of the Lower Cambrian Sekwi Formation (ICS), the Lower Cambrian Gull Lake Formation (ICG), the Upper Cambrian to Ordovician Rabbitkettle Formation (COR) and the Ordovician to Lower Devonian Road River Formation (ODR) occur. The Sekwi Formation consists of limestone conglomerates, massive grey dolostones, medium- to thickly-bedded quartz sandstones, purple siltstones with bright orange weathering, and finely-crystalline dolostones. The Gull Lake Formation consists of shales, siltstones and mudstones; minor quartz sandstones; rare green-grey cherts; local basal limestone and limestone conglomerates; and phyllites to quartz-muscovite-biotite schists. These units are overlain by thinly-bedded, wavy, banded, silty limestones and grey lustrous calcareous phyllites; limestone; intraclast breccias and conglomerates; massive to laminated, grey quartzose siltstones and cherts; rare black slates; and local mafic flows, breccias, and tuffs of the Rabbitkettle Formation.

The Rabbitkettle Formation is, in turn, overlain by black-, gun-blue-, or silvery-white-weathering of black graptolitic shales and cherts; resistant grey weathering of medium to thinly-bedded, light grey to black, greenish grey, or turquoise cherts; and minor argillaceous limestones of the Road River Formation.

This package of sedimentary rocks is intruded by resistant, blocky, fine to coarse grained, equigranular to K-feldspar porphyritic, biotite-quartz monzonite and granodiorite; minor quartz diorite; minor leuco-quartz monzonite; and syenite of the mid- Cretaceous Selwyn Plutonic Suite. It is often contended that these intrusions have driven gold-bearing mineralizing fluids to the area of the Little Hyland Project but the intrusions have not been discovered in the immediate area of the property to date. However, the northwest-trending thrust faults that dominate the structural pattern in the region contain sutures that may play host to gold mineralization under a Mesozoic gold model. The March Fault is a thrust fault that runs along the western part of the Little Hyland Project area and may be form a structural control for precious metals mineralization.

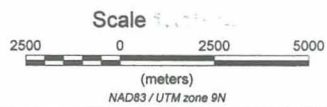
The most significant mineralization in the area are the ore bodies of the Tungsten Mine. The ore was formed in carbonate-bearing sedimentary rocks by tungsten-bearing fluids of mid-Cretaceous Selwyn Suite intrusions. The result was tungsten-rich, pyrrhotite skarns along the margins of the intrusions. The original, pre-production resource at the Tungsten Mine was 9 Mt with a grade of 1.42%  $WO_3$ .

At the Tuna property, molybdenite, scheelite, arsenopyrite, bismuthinite, chalcopyrite, chalcocite, pyrrhotite, gold and silver occur in quartz and quartz-tourmaline veins and in small skarn alteration zones along the margins of the Hyland Intrusion (Doherty and vanRanden, 1994).



**LEGEND**

- mid Cretaceous  
Selwyn Suite - intrusives
- Ordovician to Lower Devonian  
Road River Formation - sediments
- Upper Cambrian to Ordovician  
Rabbitkettle Formation - carbonates
- Lower Cambrian  
Gull Lake Formation - sediments
- Lower Cambrian  
Sekwi Formation - carbonates
- Upper Proterozoic to Lower Cambrian  
Vampire Formation - sediments
- Upper Proterozoic to Lower Cambrian  
Hyland Formation
- PCHn Narchilla Formation - argillite and shale
- PCHy Yusezyu Formation - clastics, qtz pebble conglomerate
- fault
- Little Hyland Project claims



<b>GARY LEE</b>	
<b>Little Hyland Project Figure 3. Regional Geology Map</b>	
NTS: 105H15, 16/105I01, 02	Mining District: Watson Lake
Datum: NAD83	Projection: UTM, Zone 9
December 17, 2012	
Figure 3 Geological Services Page 9	

## 6.2 Property Geology and Mineralization

The Little Hyland Project area has not been geologically mapped in any detail. According to the regional geology of the area it is underlain predominantly by sedimentary rocks of the Vampire Formation (uPCV) to the east and Narchilla Formation (PCHn) rocks to the west. Regional airborne magnetic survey maps show moderately-strong, northwest-trending magnetic features that transect the property; the cause of the features are postulated to be either from a buried intrusion, a regional structure, a lithologic change, or broad alteration assemblages. Any of these causes, or a combination of these causes could be factors in mineralizing events in the area.

Rock types reported to exist on the property are phyllitic to schistose argillite and siltstone. Quartz pebble conglomerate float has also been found on the Rubus and LH claims. Historically, significant gold mineralization was noted to occur primarily in quartz veins within these rocks.

Hand samples from the Culvert and LH claims of sericite-phyllite contained as much as 5% combined pyrite and arsenopyrite, both occurring in the host rock as well as in veins. Typically, pyrite is medium- to coarse-grained and euhedral, suggesting it is late in the paragenetic sequence. However, in one instance pyrite was overgrown by arsenopyrite. The mode of occurrence of arsenopyrite ranges from semi-massive (sample RS-14) (see report on 2009 field work), fine-grained fracture fillings and medium-grained disseminations within quartz veins (sample RS-44) (see report on 2009 field work), to locally-clustered masses of euhedral needles and coarser grains within the host. Although no chalcopyrite was seen in hand-sample, malachite staining is reported to exist on the property.

Most quartz veins were seen to be sub-parallel to phyllite foliation but had clearly experienced early ductile folding and boudinaging prior to late-stage brittle offset. At least two crosscutting vein sets orthogonal to schistosity, exhibited in sample RS-53 (see report on 2009 field work), as well as a strongly-lineated structure shown in sample RS-55 (see report on 2009 field work), imply a poly deformational history to these rocks. A relatively undeformed, late tension vein, lacking sulphides is the latest veining event noted. A deeper understanding the structural history of these rocks, as it relates to vein mineralization, should be a focus of future exploration at the site.

Alteration in these rocks was noted as predominantly sericitic. Fine-grained muscovite is formed in phyllic alteration, along with minor quartz, chlorite, and pyrite. Calcite and iron-carbonate was also noted in veins, indicating carbonitization as a minor alteration assemblage.

Geologists from Rimfire Minerals Ltd. visited the Main Showing on the Culvert claims and collected two samples, G071512 and G071513, which assayed 22.8 g/t and 8.91 g/t gold (respectively). These samples were described as:

#### G071512

A well developed, 1 metre thick, (strike 252, dip 78), white sugary to granular (recrystallized) quartz vein with sharp margins, discordant to cleavage. Arsenopyrite as medium, crystalline to fine-grained bands. Pyrite is disseminated in cubes and local crystal aggregates.

#### G071513

White quartz vein (60 centimetres thick, strike 112, dip vertical) with very finegrained arsenopyrite bands, scorodite developed, possible sericite alteration of siltstone, and trace arsenopyrite needles in siltstone. Some quartz is sugary (recrystallized).

Rimfire also noted slightly-discordant stringers, ranging from 3 millimetres to 2 centimetres, in the acute angle formed by the veins sampled.

Although the highest gold assays have historically originated from samples taken from quartz veins, country rock on the property has been shown to be mineralized. Sample RS-57, collected in 2009 on the Culvert Claims, from immediately southeast of the main showing assayed 1.285 g/t gold from an almost 2.5 metre chip sample of host rock material adjacent to a mineralized vein.

## **7.0 2012 EXPLORATION PROGRAM**

Between July 7 and August 3 and September 5 to September 11 of 2012, Gary Lee conducted an exploration program on the Little Hyland Project claims. The 2012 program consisted of prospecting and the collection of 7 rock samples, 150 soil samples and 7 stream sediment samples. As well, 2,360 m of grid was established for soil sampling.

### **Sampling**

Soil sampling was done with a split spoon (tulip planter). Samples were taken below the mossy vegetative layer into the 'grit'. A paper kraft bag was filled for each sample. Silt samples were taken in exposed bars of streams. A paper kraft bag was filled for each sample.

## **8.0 GEOCHEMICAL ANALYTICAL PROCEDURE**

Samples from the 2012 program were sent to ALS Labs. The soil and stream sediment samples were handled in the same manner. The samples were sieved in a 180 um sieve then analysed for 48 elements by four acid digestion with Inductively Coupled Plasma Mass Spectroscopy (ICP-MS) according to the ME-ICP41 procedure. As well, each sample was analysed for gold by fire assay with atomic absorption finish according to the Au-ICP21 procedure.

Rock samples were processed by crushing to 70% < 2 mm and pulverizing 200 grams of the < 2 mm material to 85% < 75 um according to the Prep 21 lab procedure. The pulverized material was then analysed by ME-ICP41 for 48 elements and for gold by Au-ICP21 as for the soil and stream sediments. Analytical certificates are included in Appendix III and plots of sample locations, gold and arsenic results are plotted in Figures 4, 5, 6, 7, 8, & 9.

## **9.0 RESULTS**

### **Rubus and NT Claims Exploration Results (Figures 4 to 9)**

Figures 4 to 9 show the sampling results and float samples collected during the 2012 field season on the northwest area of the Rubus and NT claims. The statistics from Commander Resources Ltd regional survey conducted in the area were used for the cut-off thresholds. For gold, these were greater than 0.015, 0.0124 – 0.015, 0.0047 – 0.0124, 0.0017 – 0.0047, and 0.0017 ppm. For arsenic, these were greater than 208, 174 – 208, 79 – 174, 40 – 79 and 0 – 40 ppm. Total population was 1,369 samples. Percentile range were greater than 98<sup>th</sup>, 95<sup>th</sup>, 68<sup>th</sup>, 50<sup>th</sup>, and to detection limit.

The three highest (of a total of 150) gold values (0.130, 0.073 and 0.057 ppm), soil samples for the 2012 season were encountered on or close to the airborne mag contact as shown on Figure 4 and 8. This is more than a coincidence! These contacts (lineaments) as shown in more detail on Figures 4 to 9 should be used for future prospecting and mapping targets. This trend is verified by the northern most stream sediment sample (Rust 48) on the Rubus 74 claim which yielded 85 ppb gold, 61 ppm arsenic, 111 ppm copper, 6650 ppm manganese, 598 ppm zinc and 263 ppm nickel. Figure 10 shows the regional trend of this contact extending some 15 Km. south east to the Golden Culvert Property. Commander Resources announced (Oct. 17, 2012) an anomalous (gold) zone measuring 2 Km. by 1.5 Km., 7 Km. to the south from the 2012 project area on this magnetic contact. They also reported rock samples assaying up to 4.5 grams per ton gold here.

Three seasons (2010, 2011 and 2012) has extended this favourable horizon (contact) approximately 7 Km. to the north of Commander's anomalous gold zone. Also anomalous values in cobalt, nickel, manganese and arsenic in stream sediments (2010 report) began showing up 3 Km. south of the 2012 survey area.

## **10.0 CONCLUSIONS and RECOMMENDATIONS**

As demonstrated in section 9, (Results), there is now 7 Km. of favourable strike length that needs geological mapping, sampling and trenching. This extends from Commander Resources discoveries to the south, north to the area surveyed in this 2012 report. This mapping should be centered on the regional magnetic contact as shown on figure 10. It should be followed with a trenching program.

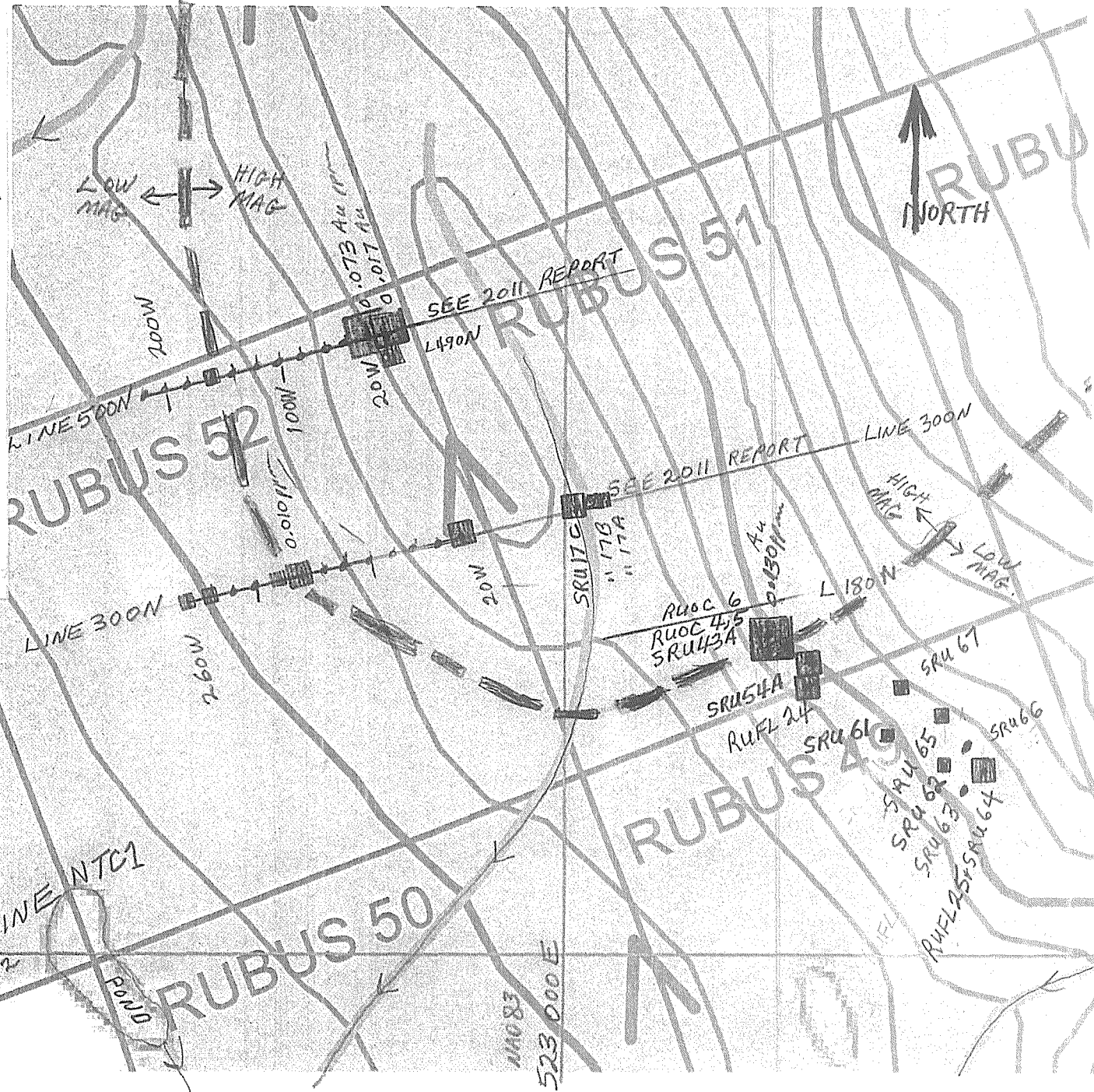
SOIL SAMPLING  
Au (ppm)

- > 0.015
- 0.012 - ≤ 0.015
- 0.005 - ≤ 0.012
- 0.002 - ≤ 0.005
- 0 - ≤ 0.002

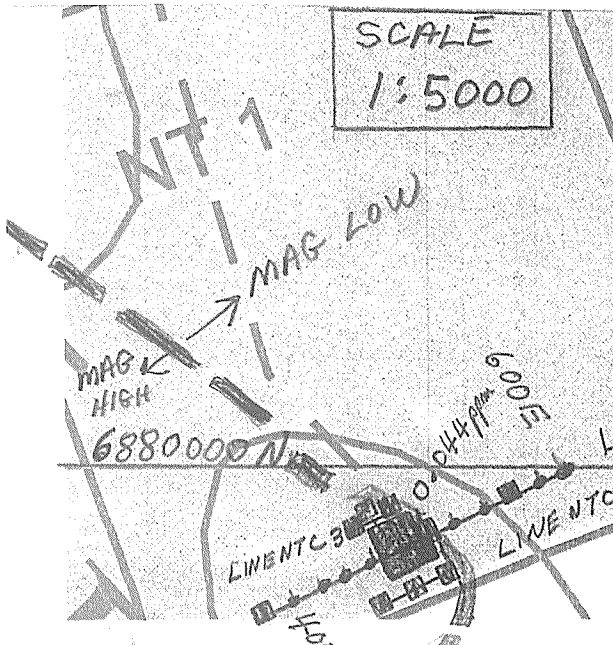
AIRBOURNE MAG.  
FLAT RIVER 100m  
MAG. - 1<sup>ST</sup> VERTICAL  
DERIVATIVE

LITTLE HYLAND PROJECT  
RUBUS AND NT CLAIMS  
GOLD SOILS  
LOCATION MAP  
NTS 105 I 02  
DEC. 2012

FIGURE 4 PAGE 14



SCALE  
1:5000



SOIL SAMPLING  
As (ppm)

- ▲ > 208
- ▲ 174 - 208
- ▲ 79 - 174
- ▲ 40 - 79
- 0 - 40

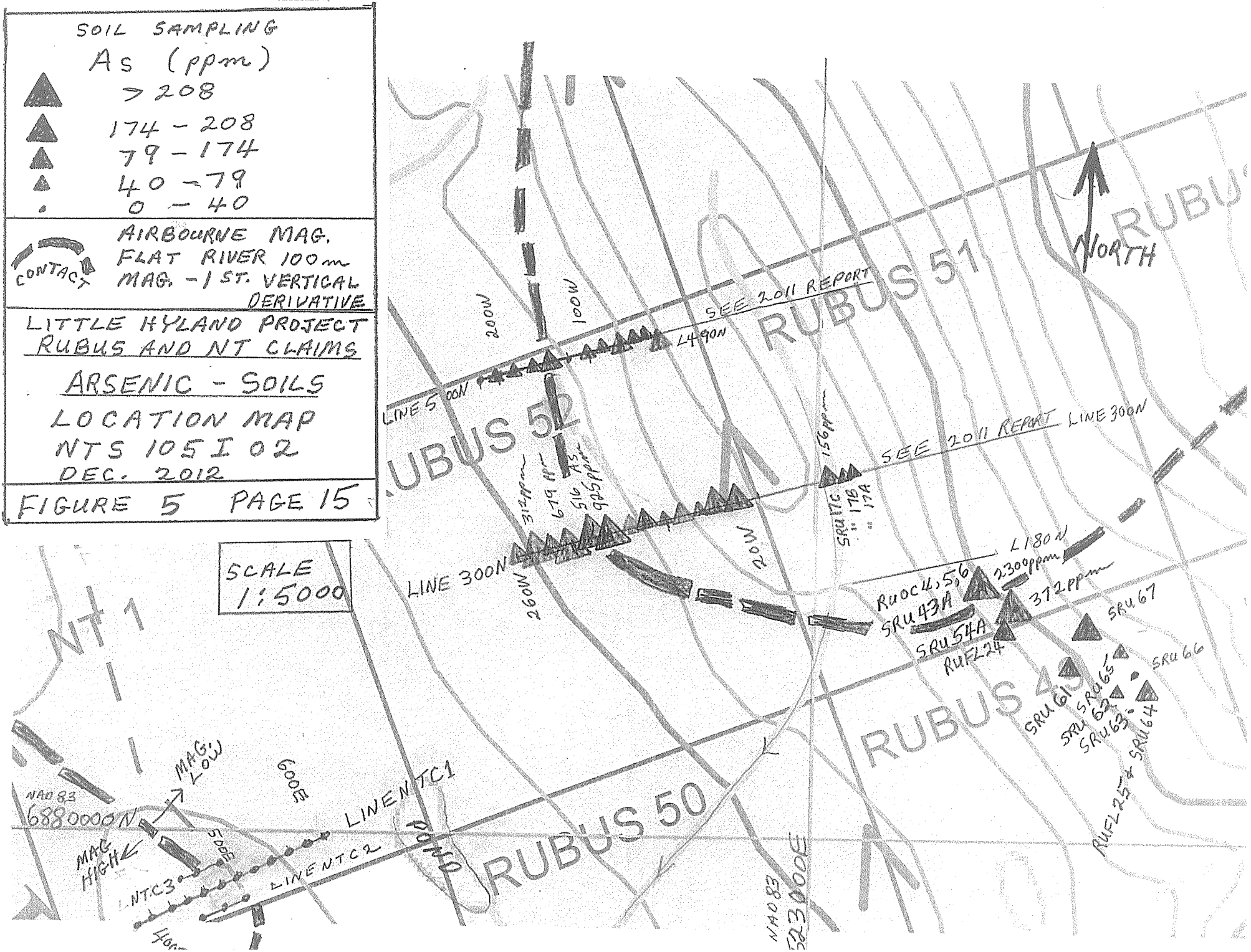
AIRBOURNE MAG.  
FLAT RIVER 100m  
MAG. -1 ST. VERTICAL  
DERIVATIVE

LITTLE HYLAND PROJECT  
RUBUS AND NT CLAIMS

ARSENIC - SOILS  
LOCATION MAP  
NTS 105 I 02  
DEC. 2012

FIGURE 5 PAGE 15

SCALE  
1:5000



LOW MAG ← → HIGH MAG

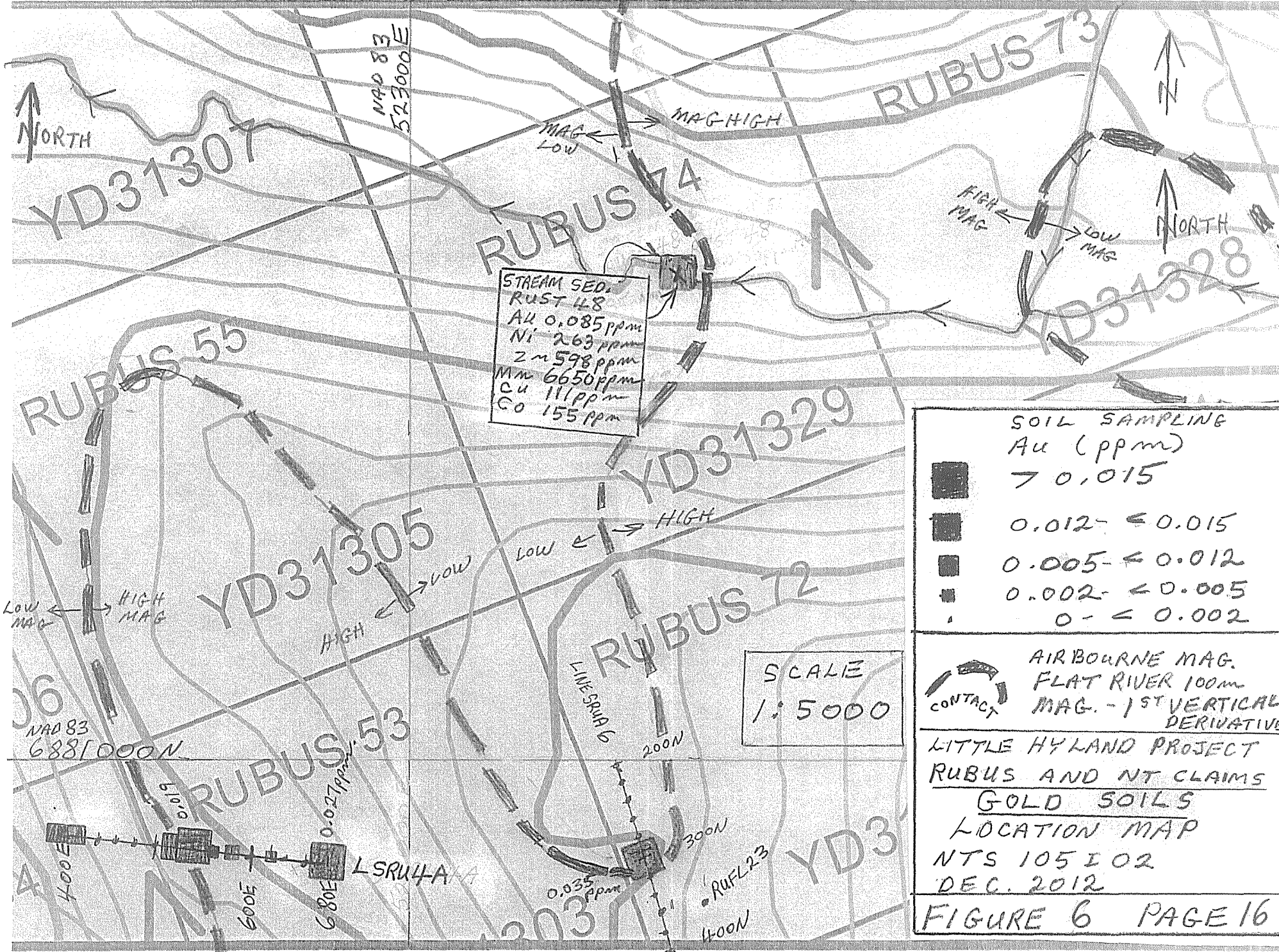
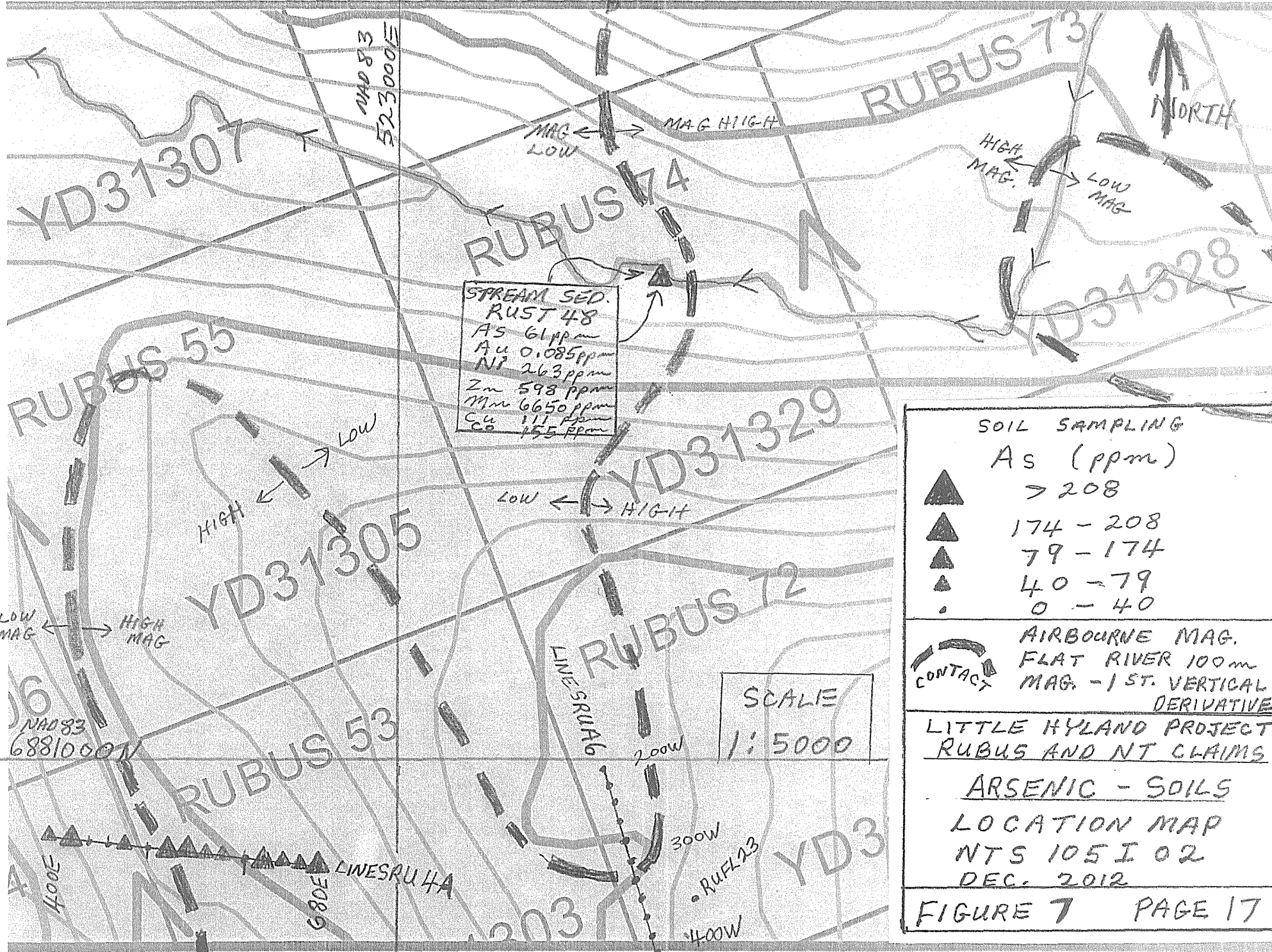


FIGURE 6 PAGE 16

LOW MAG ← → HIGH MAG



STREAM SED.  
 RUST 48  
 As 61 ppm  
 Au 0.085 ppm  
 Ni 263 ppm  
 Zn 598 ppm  
 Mn 6650 ppm  
 Cu 111 ppm  
 Co 155 ppm

SOIL SAMPLING  
 As (ppm)  
 ▲ > 208  
 ▲ 174 - 208  
 ▲ 79 - 174  
 ▲ 40 - 79  
 • 0 - 40

CONTACT  
 AIRBOURNE MAG.  
 FLAT RIVER 100m  
 MAG. - 1 ST. VERTICAL DERIVATIVE

LITTLE HYLAND PROJECT  
 RUBUS AND NT CLAIMS

ARSENIC - SOILS  
 LOCATION MAP  
 NTS 105 I 02  
 DEC. 2012

SCALE  
 1:5000

FIGURE 7 PAGE 17

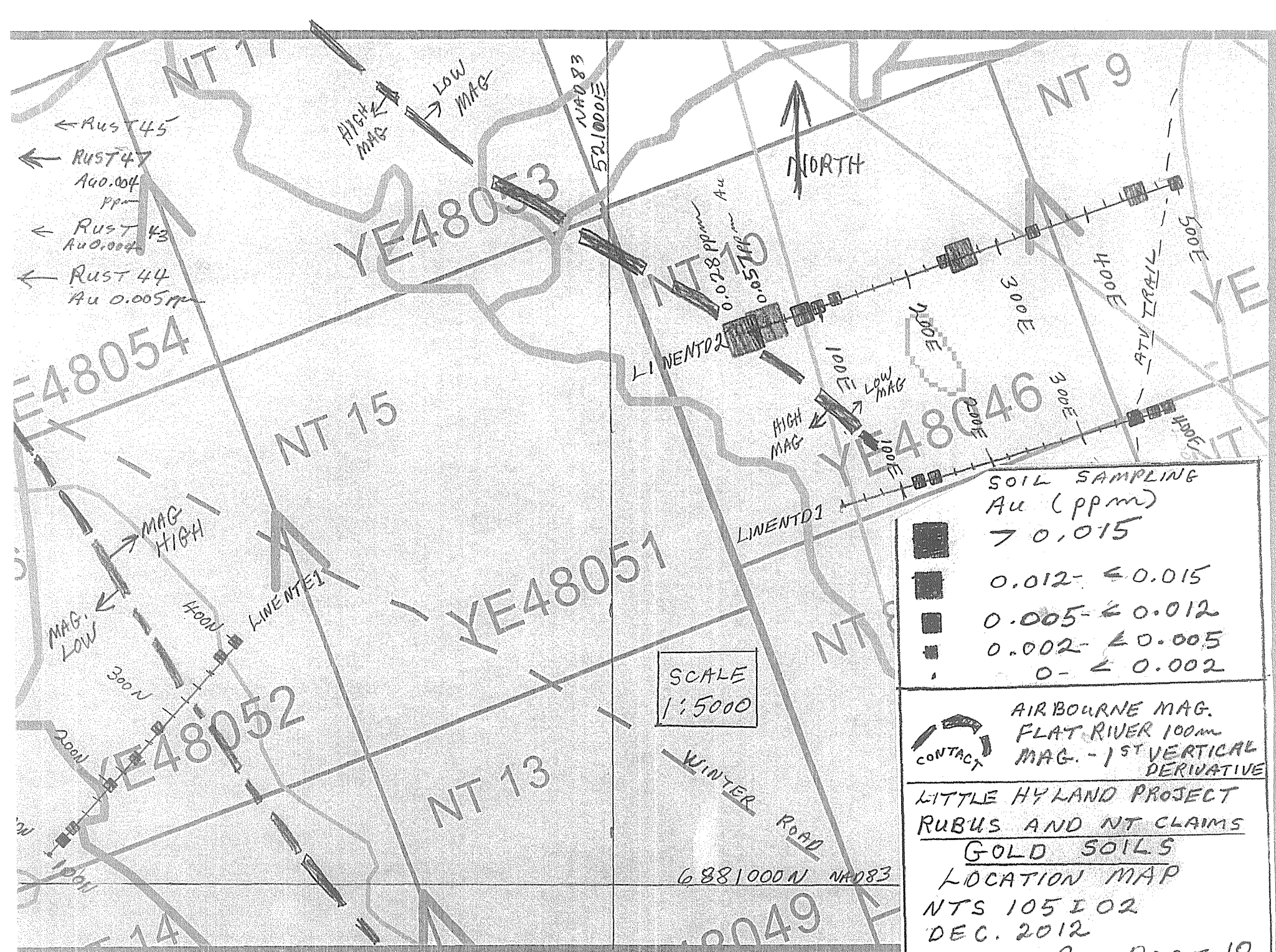
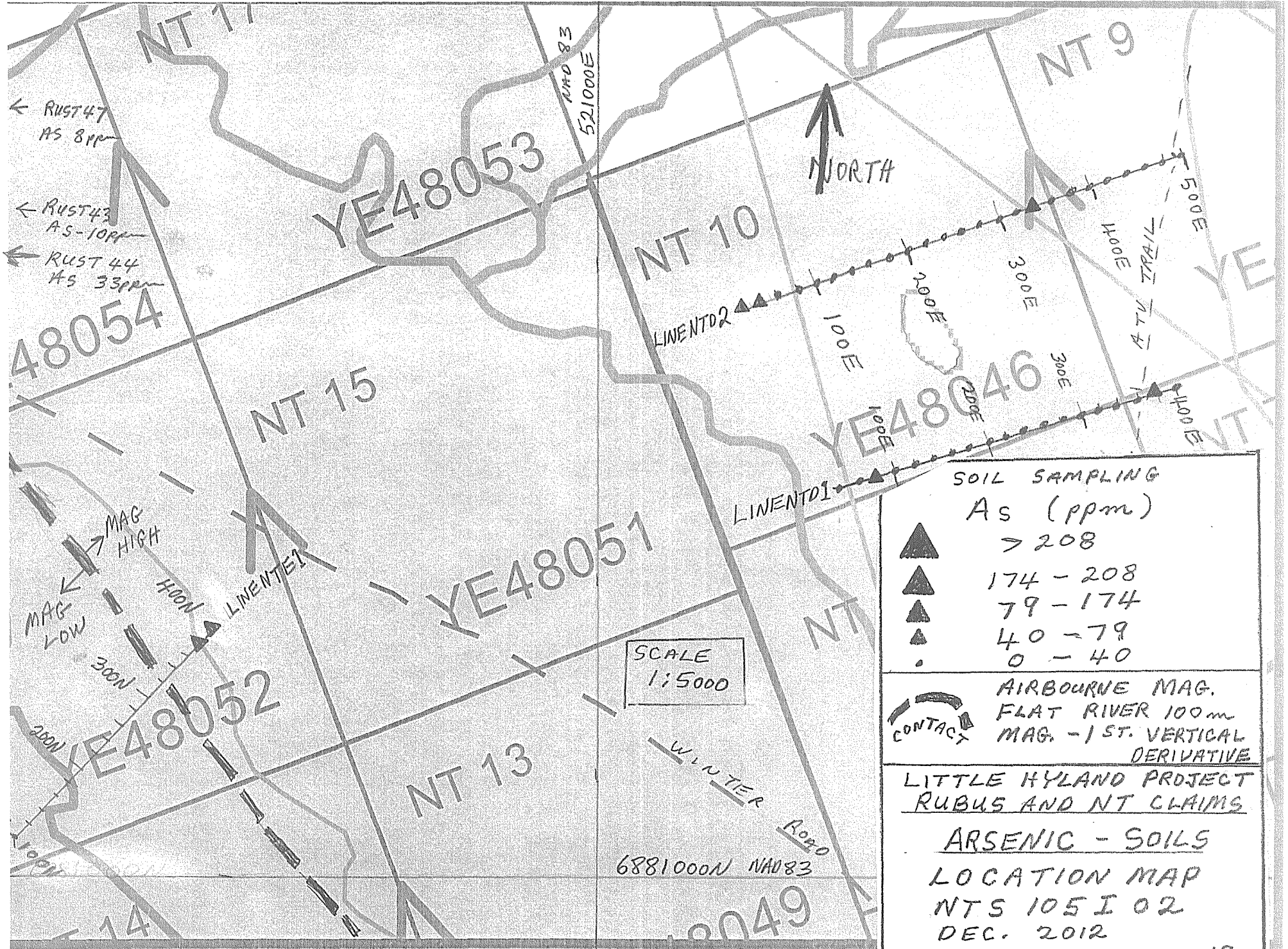


FIGURE 8 PAGE 18



← RUST 47  
AS 8ppm

← RUST 43  
AS 10ppm

← RUST 44  
AS 33ppm

SCALE  
1:5000

SOIL SAMPLING  
As (ppm)

- ▲ > 208
- ▲ 174 - 208
- ▲ 79 - 174
- ▲ 40 - 79
- 0 - 40

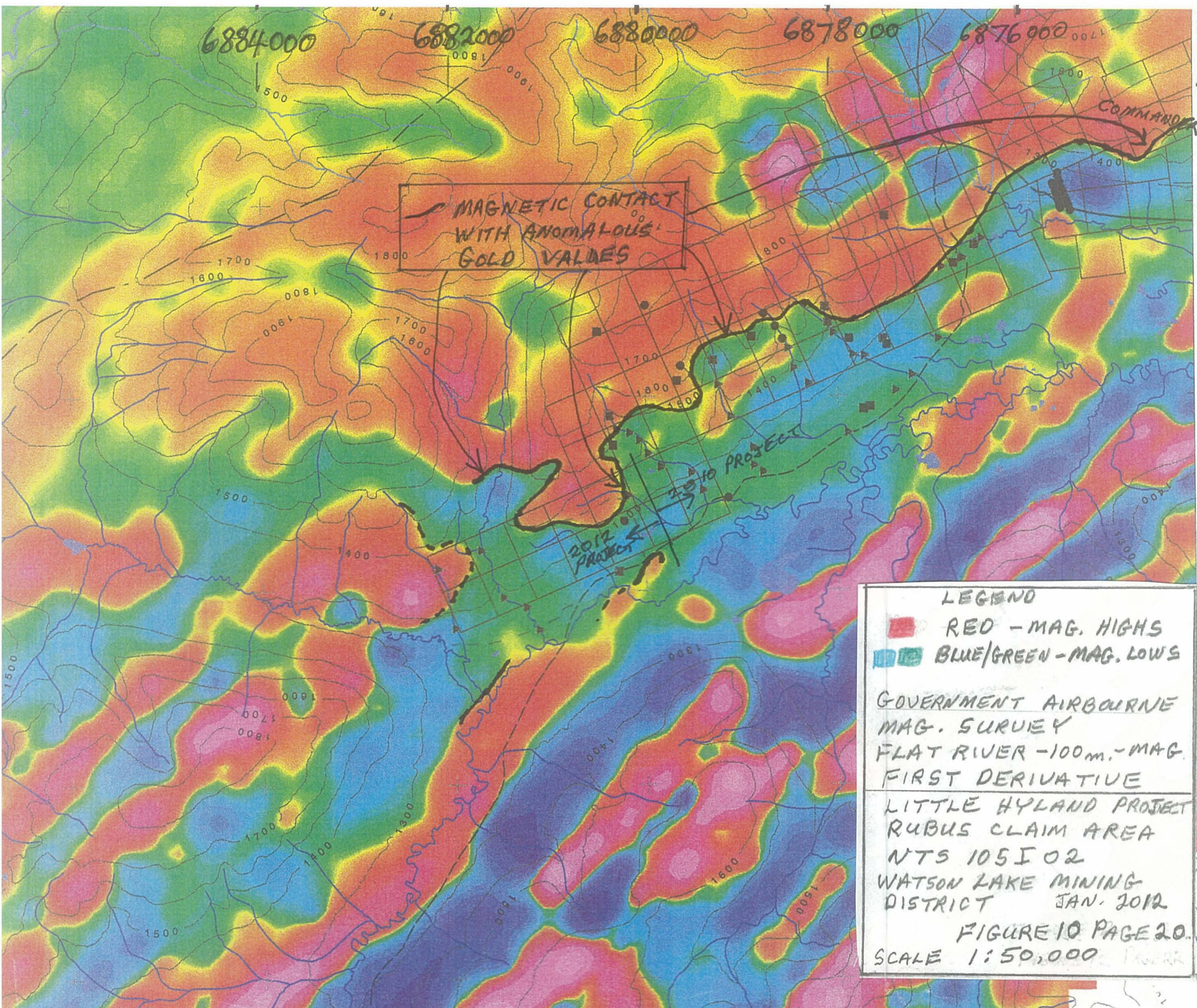
CONTACT

AIRBOURNE MAG.  
FLAT RIVER 100m  
MAG. -1ST. VERTICAL  
DERIVATIVE

LITTLE HYLAND PROJECT  
RUBUS AND NT CLAIMS

ARSENIC - SOILS  
LOCATION MAP  
NTS 105 I 02  
DEC. 2012

FIGURE 9 PAGE 19



MAGNETIC CONTACT  
WITH ANOMALOUS  
GOLD VALUES

2010 PROJECT  
2012 PROJECT

COMMANDER

LEGEND  
 ■ RED - MAG. HIGHS  
 ■ BLUE/GREEN - MAG. LOWS  
 GOVERNMENT AIRBOURNE  
 MAG. SURVEY  
 FLAT RIVER -100m. -MAG.  
 FIRST DERIVATIVE  
 LITTLE HYLAND PROJECT  
 RUBUS CLAIM AREA  
 NTS 105 I 02  
 WATSON LAKE MINING  
 DISTRICT JAN. 2012  
 FIGURE 10 PAGE 20.  
 SCALE 1:50,000

526000  
-128°30'  
524000  
0 500 1000 1500 2000  
Scale: metres 1:50,000  
522000  
-128°35'  
520000  
518000  
10'

## 11.0 STATEMENT OF EXPENDITURES

Labour – Gary Lee - Helper	24 days @ \$ 350.00 / day	\$ 8,400.00
	4 days @ \$ 275.00 / day	\$ 1,100.00
Truck (4X4)	2016 km @ \$ 0.595 / km	\$ 1,199.52
ATV rental	28 days @ \$ 40.00 / day	\$ 1,120.00
ATV transport trailer	4 days @ \$ 16.00 / day	\$ 64.00
Room, board & daily field expenses (incl. Satellite phone, flagging, gas, etc.)	28 days @ \$ 100.00 / day	\$ 2,800.00
Assaying charges		\$ 5,401.59
WCB expenses	Pro rated	\$ 126.03
Report writing & reproduction		\$ 875.00
<b>Total Qualifying For Assessment Work</b>		<b>\$ 21,806.14</b>
<b>Additional Expenditures (Claim Staking)</b>		<b>\$ 3,355.76</b>
<b>TOTAL EXPENDITURES</b>		<b>\$ 24,441.90</b>

## 12.0 REFERENCES

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- Casselmann, S. G., 2010 Exploration Program on the Little Hyland Project, Tungsten Area, Yukon Territory. Private Report.
- DIAND, 2002. Yukon Minfile, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada.
- Doherty, R. A. and vanRanden, J. A., 1994. Report on the 1993 Geological and Geochemical Assessment Work on the Tuna Property. Yukon Territorial Government assessment report # 093175.
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- Gordey, S.P., Makepeace, A.J., (compilers), 2000. Yukon Digital Geology, Geological Survey of Canada, Open File D3826.
- Hart, C., 2002. The geological framework of the Yukon Territory. Yukon Geological survey. <http://www.geology.gov.yk.ca/>
- Hart, C. J. R. and Lewis, L. L., 2005. Gold Mineralization in the Upper Hyland River Area: A Non-magmatic origin. Yukon Exploration and Geology , 2205. PP 109-125.
- Heon, D, 2007. Selwyn Basin Metallogeny. Yukon Geological Survey Website, [www.geology.gov.yk.ca/metallogeny/selwyn](http://www.geology.gov.yk.ca/metallogeny/selwyn).
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**APPENDIX I**

**STATEMENT OF QUALIFICATIONS**

## **STATEMENT OF QUALIFICATIONS**

I, Gary Lee, of Whitehorse, Yukon Territory, certify that:

- 1) I am a professional engineer and prospector residing in Whitehorse, Yukon Territory.
- 2) I graduated from the University of Toronto, Ontario with a Bachelor of Applied Science Degree in 1975 and have worked in mineral exploration since that time
- 3) I am a Professional Geoscientist registered with the Association of Professional Engineers and Geoscientists of British Columbia.
- 4) I am responsible for preparation of this report and am part owner of this property.

Respectfully Submitted:  
Gary Lee, P.Eng.

Signature:

Date:

## **APPENDIX II**

### **2012 ROCK, SOIL AND STREAM SEDIMENT SAMPLE DESCRIPTIONS**

## 2012 SOIL SAMPLES – RUBUS &amp; NT CLAIMS

Sample Number	NAD 83 Zone 9 V		Details	Au PPM	As PPM
	East	North			
SRU 300- 20W	522910	6880350	Line BRG = N70 East Line 300N, 20W, Tan, rocky	0.007	135
“ “ - 40 W			Line 300N, 40 W- tan	0.002	91
“ “ - 60 W			“ “ 60 W- tan	0.001	77
“ “ - 80 W			“ “ 80 W- light tan	0.001	94
“ “ - 100 W			“ “ 100 W- tan & grey	<0.001	55
“ “ - 120 W			“ “ 120 W- tan	<0.001	90
“ “ - 140 W			“ “ 140 W- tan	<0.001	122
“ “ - 160 W			“ “ 160 W- grey	0.010	925
“ “ - 180 W			“ “ 180 W- grey	0.003	516
“ “ - 200 W	522767	6880275	Line BRG = N 70 deg. east Line 300, 200 W- tanish grey	0.001	679
“ “ - 220 W			“ “ 220 W- grey, thick moss in trees	0.002	163
“ “ - 240 W			“ “ 240 W- grey, west side of trees	0.003	312
SRU 300-260 W	522680	6880300	Line 300, 260 W- Brown, top of slide, near RUS 03	0.003	80
SRU 500 – 10W	522850	6880515	Line BRG.= N 70 deg. East Line 500, 10W, deep rusty brown on grey	0.017	41
“ “ - 20W			Line 500N, 20 W- tan & minor rusty brown	0.073	53
“ “ - 30W			“ “ 30 W- tan	0.001	41
“ “ - 40W			“ “ 40 W- tan & little grey	0.001	52
“ “ - 60W			“ “ 60 W- tan & little yellow	0.001	80
“ “ - 80W			“ “ 80 W- rusty	0.002	61
“ “ -100W			“ “ 100 W- light tan & grey	0.001	54
“ “ -120W			“ “ 120 W- tan	0.002	23
“ “ -140W			“ “ 140 W- tan & grey	0.001	120
“ “ -160W			“ “ 160 W- grey	0.003	77
“ “ -180W			“ “ 180 W- light tan	<0.001	55
SRU 500 - 200W			“ “ 200 W- light tan	0.001	58
SRU 500 - 220W	522640	6880480	Line 500N, 220 W- light tan	0.002	36
SRU 490 - 0E	L490N15	10 Meters	Line 490N, 0 deg. east	0.001	81
SRU 490 - 10W	South of Line 500 N		Line 490N, 10W- rich rusty brown, grey depth	0.002	52
SRU 490 - 20W			Line 490N, 20W- rusty brown	0.005	51
SRU 490 - 30W			Line 490N, 30W- brown & grey	0.004	67
NTD1- 40E	521256	6881408	Line NTD1, 40E- brown & grey	<0.001	17
NTD1- 60E			Line NTD1, 60E- rusty brown	<0.001	17
“ - 80E			“ “ 80E- grey clay, rocky	0.001	48
“ - 100E			“ “ 100E- grey & brown, rocky	0.001	19
“ - 120E			“ “ 120E- brown	0.002	20
“ - 140E			“ “ 140E- brown, silty	0.003	20
“ - 160E			“ “ 160E- grey & brown layers	<0.001	6
“ - 180E			“ “ 180E- light rusty brown	<0.001	21
“ - 200E			“ “ 200E- brown	0.001	19
“ - 220E			“ “ 220E- brown	<0.001	23
“ - 240E			“ “ 240E- brown	0.001	31
“ - 260E			“ “ 260E- light brown	<0.001	22
NTD1- 280E			“ “ 280E- light rusty brown	0.001	26

Pg. 2 of 4		2012 SOIL SAMPLES – RUBUS & NT CLAIMS			
Sample Number	Nad 83	Zone 9	Details	Au PPM	Au PPM
	East	West			
NTD1- 300E			Line NTD1, 300E- rusty brown	0.001	15
NTD1- 320E			Line NTD1, 320E- light rusty brown	0.001	19
“ - 340E			“ “ 340E- brown	<0.001	9
“ - 360E (a)			“ “ 360E- greyish brown, road	0.001	24
“ - 360E (b)			“ “ 360E- greyish brown, road	0.003	17
“ - 380E			“ “ 380E- brown, rocky	0.002	41
NTD1- 400E	521600	6881500	Line NTD1, 400E- brown, rocky	0.002	34
NTD2- 20E			Line NTD2, 20E- brown, rocky	0.028	77
NTD2- 40E	521174	6881590	Line NTD2, 40E- brown	0.057	63
“ - 60E			“ “ 60E- brown	0.001	31
“ - 80E			“ “ 80E- brown	0.011	10
“ - 100E			“ “ 100E- brown	0.004	19
“ - 120E			“ “ 120E- grey brown	0.002	13
“ - 140E			“ “ 140E- brown	<0.001	11
“ - 160E			“ “ 160E- rusty brown	<0.001	15
“ - 200E			“ “ 200E- wet, grey, pebbles, end of pond	<0.001	9
“ - 220E			“ “ 220E	0.001	32
“ - 240E			“ “ 240E	0.003	15
“ - 260E			“ “ 260E	0.012	28
“ - 280E			“ “ 280E	<0.001	36
“ - 300E			“ “ 300E	<0.001	4
“ - 320E			“ “ 320E	<0.001	37
“ - 340E			“ “ 340E	0.002	46
“ - 380E			“ “ 380E	<0.001	19
“ - 400E			“ “ 400E	<0.001	7
“ - 460E			“ “ 460E	0.010	23
“ - 480E			“ “ 480E	<0.001	28
NTD2- 500E	521594	6881744	“ “ 500E	0.003	25
SRU4A- 400E	522650	6880932	Line SRU4A BRG.= N 100 East Line SRU4A, 400E- light brown, slide	0.009	59
SRU4A- 420E			“ “ 420E- tan, slide, steep	0.005	80
“ - 440E			“ “ 440E- top of ridge	0.001	<2
“ - 460E			“ “ 460E- brown & grey	0.001	13
“ - 480E			“ “ 480E-	0.001	52
“ - 500E	522740	6880910	“ “ 500E- brown, shaley	0.001	32
“ - 520E			“ “ 520E- brown, shaley	0.014	92
“ - 540E			“ “ 540E- “ “	0.019	102
“ - 560E			“ “ 560E- “ “	<0.004	68
SRU4A- 580E			“ “ 580E- brown+yellow-brown, shaley	0.011	43
“ - 600E			“ “ 600E- brown	0.001	37
“ - 620E			“ “ 620E- “	0.004	80
“ - 640E			“ “ 640E- “	0.001	64
“ - 660E			“ “ 660E- “	0.001	66
SRU4A- 680E	522900	6880885	Line SRU4A, 680E- “	0.027	139
SRU 61	523272	6880184	Rusty brown	0.003	115
SRU 62	523321	6880159	Deep brown, hillside east of SRU 61	0.003	76
SRU 63	523334	6880143	Brown, shaley	0.001	36
SRU 64	523357	6880153	Brown	0.005	80
SRU 65	523327	6880200	Deep brown, minor red	0.002	75

## 2012 SOIL SAMPLES – RUBUS AND NT CLAIMS

Sample Number	NAD 83	Zone 9V	Details	Au PPM	As PPM
	East	West			
SRU 66	523340	6880170	Brown, shaley	<0.001	14
SRU 67	523292	6880225	Brown	0.002	187
SRU 17A	523020	6880362	Line 300N, 85E- 5 meters uphill from SRU 17 - rusty brown	0.002	44
SRU 17B	523015	6880361	Line 300N, 80E- re-sample of SRU 17, rusty brown	0.002	69
SRU 17C	523002	6880360	Line 300N, 70E- bottom of hill, tan & rusty brown	0.005	156
SRU 43A	523181	6880279	Brown, same location as SRU43 & RUOC4	0.130	2300
SRU 54A	523212	6880243	Brown, 5 meters north of SRU 54 (2011)	0.005	372
NTE1-100N	520408	6881040	Line BRG. = N 40 degrees east Line NTE1, 100N- light brown	0.001	16
" -120N			Line NTE1, 120N- " "	0.004	20
" -140N			" " 140N- brownish grey	0.003	14
" -160N			" " 160N- light brown with tan streaks	<0.001	13
" -180N			" " 180N- tan & grey	0.001	14
" -200N			" " 200N- light brownish grey	0.003	13
" -220N			" " 220N- " " "	<0.001	12
" -240N- (a)			" " 240N- light brown	<0.001	25
" -240N- (b)			" " 240N- " "	0.002	12
" -260N			" " 260N- " "	0.001	14
" -280N			" " 280N- brownish grey	0.003	27
" -300N			" " 300N- brown – gritty	<0.001	29
" -320N			" " 320N- " "	<0.001	27
" -360N			" " 360N- " "	<0.001	29
" -380N			" " 380N- " "	0.003	41
NTE1-400N	520604	6881250	Line NTE1, 400N- " "	0.002	53
NTE2-SP	519621	6881770	Grey, rocky	0.002	20
NTC1-380E			Line NTC1 BRG. = N 67 degrees east Line NTC1, 380E - brownish grey	0.004	21
" - 400E	522306	6879903	Line NTC1, 400E - tan	0.001	15
" - 420E	522325	6879915	" " 420E - tan	0.001	27
" - 440E			" " 440E - tan	<0.001	20
" - 460E			" " 460E - light tan	0.001	20
" - 470E			" " 470E - tan	0.002	16
" - 480E			" " 480E - light tan	0.044	21
" - 481E			" " 481E - tan	0.004	20
" - 490E			" " 490E - tan	0.004	19
" - 500E	522400	6879943	" " 500E - light tan	<0.001	22
" - 510E			" " 510E - tan	0.002	19
" - 520E			" " 520E - light tan	<0.001	22
" - 540E			" " 540E - " "	0.001	25
" - 560E			" " 560E - " "	0.002	27
" - 580E			" " 580E - " "	0.001	24
NTC1-600E	522485	6879990	Line NTC1, 600E - tan	<0.001	20
NTC2-460E				0.002	20
NTC2-480E	522387	6879918	Line NTC2 BRG. = N 67 degrees east Line NTC2 is 20 meters south of line NTC1	0.002	22
NTC2-500E			Light tan	0.002	20

Pg. 4 of 4	2012 SOIL SAMPLES – RUBUS & NT CLAIMS				
Sample Number	NAD 83	Zone 9 V	Details	Au PPM	As PPM
	East	North			
NTC3-460E			Line NTC3 BRG. = N 67 degrees east Line NTC3 is 20 meters north of line NTC1	0.003	17
NTC3-480E	522373	6879957	Tan	0.002	14
NTC3-490E			Light tan	0.002	20
NTC3-500E			“ “	0.003	19
NTC3-510E			“ “	0.002	20
SRUA6 -200N	523270	6880801	Line SRUA6, BRG.= AZ 340 degrees Line SRUA6, 200N - brown	0.001	9
“ -220N			“ “ 220N - “	<0.001	2
“ -240N			“ “ 240N - light brown	<0.001	6
“ -260N			“ “ 260N - “ “	<0.001	14
“ -280N			“ “ 280N - “ “	0.001	36
“ -300N			“ “ 300N - BRG. = AZ 340 degrees - tan, brown	0.035	27
“ -320N			“ “ 320N - brown	0.001	9
“ -340N			“ “ 340N - “	<0.001	21
“ -360N			“ “ 360N - “	<0.001	21
“ -380N			“ “ 380N - deep brown	<0.001	31
SRUA6 -400N	523217	6880989	Line SRUA6, 400N - “ “	<0.001	2
<b>2012 ROCK SAMPLES</b>					
RUOC4	523184	6880279	At SRU43 location, sericite + Py, rusty quartz flooded phyllite with green & black bands	0.027	363
RUOC5	523181	6880279	Same location as SRU 43 - Rusty silified sandstone, with red hematite spots + quartz stringers.	0.003	48
RUOC6	523181	6880284	4 meters north of RUOC5 & SRU 43 - rusty quartz, flooded phyllite breccia, Py+qtz stringers	0.002	66
RUFL23	523319	6880850	Rusty, with med. Gr. Py in rusty patches. Quartz float, angular boulder.	0.001	8
RUFL24	523212	6880238	Same location as SRU 54, slide - rusty quartz flooded phyllite	0.005	163
RUFL25	5233357	6880153	Same location as SRU 64 - rusty quartz flooded phyllite, sheared.	0.001	9
NTEFL	519602	6881810	At RUST 46 - rusty quartz pebble conglomerate	0.001	46
<b>2012 STREAM SEDIMENT SAMPLES</b>					
RUST 42	521014	6880554	Small stream in buckbrush - moss	0.006	36
RUST 43	519567	6881780	Med. Stream on road - NT 20 claim	0.004	10
RUST 44	519611	6881616	Small stream - NT 21 claim	0.005	33
RUST 45	519570	6881765	Large to medium stream on NT 20 & 21 claims	0.001	8
RUST 47	519650	6881829	“ “ “ “ “ “ “ “ “ “	0.004	8
RUST 48	523290	6881510	Inside meander bar on stream	0.085	61
RUST 48	Pulp- Au-0.085ppm; As-61ppm; Co-155ppm; Cu-111ppm; Mn-6650ppm; Ni-263ppm; Zn-598ppm.				
RUST 48	Re-assay- Co-132ppm; Cu-107ppm; Mn-5010ppm; Ni-227ppm; Zn-524ppm.				
RUST 48	Rejects (+80)	Au-0.004ppm; Co-91ppm; Cu-68.3ppm; Mn-2880ppm; Ni-153ppm; Zn-316ppm.			

**APPENDIX III**

**GEOCHEMICAL ANALYTICAL CERTIFICATES**



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

To: LEE, GARY  
 P.O. BOX 31800  
 WHITEHORSE YT Y1A 6L3

(A)

INVOICE NUMBER 2686129

BILLING INFORMATION	
Certificate:	<b>WH12183399</b>
Sample Type:	<b>Soil</b>
Account:	<b>LEEGAR</b>
Date:	<b>18-AUG-2012</b>
Project:	
P.O. No.:	
Quote:	
Terms:	<b>Due on Receipt</b>
Comments:	<b>C3</b>

QUANTITY	CODE	ANALYSED FOR DESCRIPTION	UNIT PRICE	TOTAL
1	BAT-01	Administration Fee	31.50	31.50
127	PREP-41	Dry, Sieve (180 um) Soil	1.45	184.15
34.58	PREP-41	Weight Charge (kg) - Dry, Sieve (180 um) Soil	2.35	81.26
127	Au-ICP21	Au 30g FA ICP- AES Finish	16.70	2,120.90
127	ME-ICP41	35 Element Aqua Regia ICP- AES	11.15	1,416.05

To: LEE, GARY  
 P.O. BOX 31800  
 WHITEHORSE Y1 Y1A 6L3

*Certificate #*  
 WH12183399 4025.55  
 WH12183430 190.81  
 WH12183431 266.67  
 WH12215622 729.44  
 WH12215621 189.12  
 Total 5,401.59

SUBTOTAL (CAD) \$ 3,833.86  
 R100938885 GST \$ 191.69  
 TOTAL PAYABLE (CAD) \$ 4,025.55

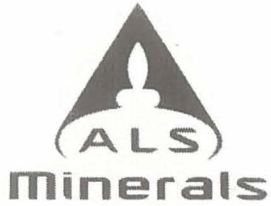
Payment may be made by: Cheque or Bank Transfer

Beneficiary Name: ALS Canada Ltd.  
 Bank: Royal Bank of Canada  
 SWIFT: ROYCCAT2  
 Address: Vancouver, BC, CAN  
 Account: 003-00010-1001098  
 Please send payment info to accounting.canusa@alsglobal.com

Please Remit Payments To:  
**ALS Canada Ltd.**  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7

COPY

PAID



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

To: **LEE, GARY**  
**P.O. BOX 31800**  
**WHITEHORSE YT Y1A 6L3**

(B)

**INVOICE NUMBER 2690668**

**BILLING INFORMATION**

Certificate: **WH12183430**  
 Sample Type: **Stream Sediment**  
 Account: **LEEGAR**  
 Date: **20- AUG- 2012**  
 Project:  
 P.O. No.:  
 Quote:  
 Terms: **Due on Receipt** C3  
 Comments:

QUANTITY	CODE	ANALYSED FOR DESCRIPTION	UNIT PRICE	TOTAL
6	PREP- 41	Dry, Sieve (180 um) Soil	1.45	8.70
2.52	PREP- 41	Weight Charge (kg) - Dry, Sieve (180 um) Soil	2.35	5.92
6	Au- ICP21	Au 30g FA ICP- AES Finish	16.70	100.20
6	ME- ICP41	35 Element Aqua Regia ICP- AES	11.15	66.90

SUBTOTAL (CAD) \$ 181.72

R100938885 GST \$ 9.09

**TOTAL PAYABLE (CAD) \$ 190.81**

To: **LEE, GARY**  
 P.O. BOX 31800  
 WHITEHORSE YT Y1A 6L3

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name: ALS Canada Ltd.  
 Bank: Royal Bank of Canada  
 SWIFT: ROYCCAT2  
 Address: Vancouver, BC, CAN  
 Account: 003-00010-1001098  
 Please send payment info to [accounting.canusa@alsglobal.com](mailto:accounting.canusa@alsglobal.com)

Please Remit Payments To :  
**ALS Canada Ltd.**  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7

**COPY PAID**



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

To: LEE, GARY  
 P.O. BOX 31800  
 WHITEHORSE YT Y1A 6L3

(C)

Page

INVOICE NUMBER 2693242

**BILLING INFORMATION**

Certificate: **WH12183431**  
 Sample Type: **Rock**  
 Account: **LEEGAR**  
 Date: **21- AUG- 2012**  
 Project:  
 P.O. No.:  
 Quote:  
 Terms: **Due on Receipt** C3  
 Comments:

QUANTITY	CODE	ANALYSED FOR DESCRIPTION	UNIT PRICE	TOTAL
7	PREP- 31	Crush, Split, Pulverize	7.45	52.15
9.82	PREP- 31	Weight Charge (kg) - Crush, Split, Pulverize	0.70	6.87
7	Au- ICP21	Au 30g FA ICP- AES Finish	16.70	116.90
7	ME- ICP41	35 Element Aqua Regia ICP- AES	11.15	78.05

SUBTOTAL (CAD) \$ 253.97

R100938885 GST \$ 12.70

**TOTAL PAYABLE (CAD) \$ 266.67**

To: LEE, GARY  
 P.O. BOX 31800  
 WHITEHORSE YT Y1A 6L3

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name: ALS Canada Ltd.  
 Bank: Royal Bank of Canada  
 SWIFT: ROYCCAT2  
 Address: Vancouver, BC, CAN  
 Account: 003-00010-1001098  
 Please send payment info to accounting.canusa@alsglobal.com

Please Remit Payments To :  
**ALS Canada Ltd.**  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7

COPY

PAID



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

To: LEE, GARY  
 P.O. BOX 31800  
 WHITEHORSE YT Y1A 6L3

(D)

**INVOICE NUMBER 2722594**

BILLING INFORMATION	
Certificate:	<b>WH12215622</b>
Sample Type:	<b>Soil</b>
Account:	<b>LEEGAR</b>
Date:	<b>25- SEP- 2012</b>
Project:	
P.O. No.:	
Quote:	
Terms:	<b>Due on Receipt</b> C3
Comments:	

ANALYSED FOR			UNIT	TOTAL
QUANTITY	CODE	DESCRIPTION	PRICE	
23	PREP- 41	Dry, Sieve (180 um) Soil	1.45	33.35
8.85	PREP- 41	Weight Charge (kg) - Dry, Sieve (180 um) Soil	2.35	20.80
23	Au- ICP21	Au 30g FA ICP- AES Finish	16.70	384.10
23	ME- ICP41	35 Element Aqua Regia ICP- AES	11.15	256.45

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SUBTOTAL (CAD) \$ 694.70  
 R100938885 GST \$ 34.74  
**TOTAL PAYABLE (CAD) \$ 729.44**

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name: ALS Canada Ltd.  
 Bank: Royal Bank of Canada  
 SWIFT: ROYCCAT2  
 Address: Vancouver, BC, CAN  
 Account: 003-00010-1001098  
 Please send payment info to [accounting.canusa@alsglobal.com](mailto:accounting.canusa@alsglobal.com)

Please Remit Payments To :  
**ALS Canada Ltd.**  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7

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

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(E)

**INVOICE NUMBER 2730919**

BILLING INFORMATION	
Certificate:	<b>WH12215621</b>
Sample Type:	<b>Sediment</b>
Account:	<b>LEEGAR</b>
Date:	<b>3- OCT- 2012</b>
Project:	
P.O. No.:	
Quote:	
Terms:	<b>Due on Receipt</b>
Comments:	<b>C3</b>

QUANTITY	CODE	ANALYSED FOR - DESCRIPTION	UNIT PRICE	TOTAL
1	BAT- 01	Administration Fee	31.50	31.50
3	PREP- 31	Crush, Split, Pulverize	7.45	22.35
1.15	PREP- 31	Weight Charge (kg) - Crush, Split, Pulverize	0.70	0.81
1	ME- ICP41	35 Element Aqua Regia ICP- AES	11.15	11.15
1	Au- ICP21	Au 30g FA ICP- AES Finish	16.70	16.70
1	PGM- ICP24	Pt, Pd, Au 50g FA ICP	22.05	22.05
1	Au- ICP22	Au 50g FA ICP- AES finish	19.75	19.75
2	ME- MS61	48 element four acid ICP- MS	27.90	55.80

SUBTOTAL (CAD) \$ 180.11

R100938885 GST \$ 9.01

**TOTAL PAYABLE (CAD) \$ 189.12**

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Payment may be made by: Cheque or Bank Transfer

Beneficiary Name: ALS Canada Ltd.  
 Bank: Royal Bank of Canada  
 SWIFT: ROYCCAT2  
 Address: Vancouver, BC, CAN  
 Account: 003-00010-1001098  
 Please send payment info to [accounting.canusa@alsglobal.com](mailto:accounting.canusa@alsglobal.com)

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Page: 2 - A  
 Total # Pages: 5 (A - C)  
 Finalized Date: 18- AUG- 2012  
 Account: LEEGAR

CERTIFICATE OF ANALYSIS WH12183399

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- ICP21 Au ppm	ME- ICP41 Ag ppm	ME- ICP41 Al %	ME- ICP41 As ppm	ME- ICP41 B ppm	ME- ICP41 Ba ppm	ME- ICP41 Be ppm	ME- ICP41 Bi ppm	ME- ICP41 Ca %	ME- ICP41 Cd ppm	ME- ICP41 Co ppm	ME- ICP41 Cr ppm	ME- ICP41 Cu ppm	ME- ICP41 Fe %
SRU 300- 20W		0.16	0.007	0.8	2.66	135	<10	50	0.6	<2	0.04	<0.5	17	28	44	5.39
SRU 300- 40W		0.27	0.002	0.3	2.18	91	<10	50	<0.5	2	0.01	<0.5	18	29	24	4.88
SRU 300- 60W		0.25	0.001	<0.2	2.30	77	<10	50	<0.5	<2	0.02	<0.5	12	31	19	5.16
SRU 300- 80W		0.29	0.001	0.6	2.35	94	<10	50	<0.5	<2	0.01	<0.5	14	31	23	4.62
SRU 300- 100W		0.22	<0.001	0.2	2.59	55	<10	60	<0.5	<2	0.01	<0.5	16	35	19	4.71
SRU 300- 120W		0.29	<0.001	0.2	1.92	90	<10	50	<0.5	2	0.01	<0.5	12	24	12	4.15
SRU 300- 140W		0.21	<0.001	0.2	1.90	122	<10	30	<0.5	<2	0.02	<0.5	12	27	35	4.35
SRU 300- 160W		0.37	0.010	0.4	1.85	925	<10	20	0.8	<2	0.19	<0.5	23	27	59	4.64
SRU 300- 180W		0.34	0.003	<0.2	1.88	516	<10	40	0.7	2	0.20	<0.5	21	25	39	3.72
SRU 300- 200W		0.27	0.001	<0.2	1.88	679	<10	30	<0.5	<2	0.10	<0.5	15	28	23	4.25
SRU 500- 20W		0.18	0.073	<0.2	2.05	53	<10	40	<0.5	<2	0.01	<0.5	15	30	16	4.98
SRU 500- 40W		0.25	0.001	<0.2	2.02	52	<10	30	<0.5	<2	0.01	<0.5	9	29	13	4.53
SRU 500- 60W		0.25	0.001	<0.2	2.22	80	<10	40	<0.5	<2	0.01	<0.5	14	32	23	5.15
SRU 500- 80W		0.25	0.002	0.3	1.76	61	<10	30	<0.5	<2	0.02	<0.5	11	24	19	5.14
SRU 500- 100W		0.25	0.001	0.3	2.27	54	<10	60	<0.5	<2	0.01	<0.5	14	33	20	4.75
SRU 500- 120W		0.16	0.002	0.2	1.35	23	<10	40	<0.5	<2	0.01	<0.5	6	17	11	3.28
SRU 500- 140W		0.24	0.001	0.2	1.94	120	<10	40	<0.5	<2	0.01	<0.5	10	29	17	4.90
SRU 500- 160W		0.27	0.003	<0.2	2.32	77	<10	40	0.5	<2	0.04	<0.5	15	35	32	4.69
SRU 500- 180W		0.16	<0.001	<0.2	1.66	55	<10	60	<0.5	<2	0.01	<0.5	8	22	18	3.46
SRU 500- 200W		0.24	0.001	<0.2	2.13	58	<10	40	<0.5	<2	0.01	<0.5	10	31	28	4.25
SRU 500- 220W		0.26	0.002	0.2	1.89	36	<10	30	<0.5	2	0.01	<0.5	9	28	20	3.73
NTD1- 40E		0.32	<0.001	<0.2	0.92	17	<10	20	<0.5	<2	0.02	<0.5	5	14	9	2.32
NTD1- 60E		0.29	<0.001	<0.2	1.44	17	<10	30	<0.5	<2	0.02	<0.5	6	17	16	3.95
NTD1- 80E		0.38	0.001	<0.2	2.30	48	<10	40	0.6	<2	0.04	<0.5	22	35	39	4.76
NTD1- 100E		0.37	0.001	<0.2	1.10	19	<10	30	<0.5	2	0.01	<0.5	5	15	12	3.76
NTD1- 120E		0.43	0.002	<0.2	1.43	20	<10	30	<0.5	<2	0.01	<0.5	6	21	16	4.85
NTD1- 140E		0.29	0.003	<0.2	1.65	20	<10	30	<0.5	<2	0.01	<0.5	9	25	17	4.49
NTD1- 160E		0.18	<0.001	<0.2	0.51	6	<10	10	<0.5	<2	0.01	<0.5	1	8	4	0.76
NTD1- 180E		0.29	<0.001	<0.2	1.74	21	<10	30	<0.5	<2	0.02	<0.5	8	24	17	4.53
NTD1- 200E		0.28	0.001	<0.2	1.29	19	<10	40	<0.5	<2	0.02	<0.5	6	21	15	3.37
NTD1- 220E		0.28	<0.001	<0.2	1.46	23	<10	30	<0.5	<2	0.01	<0.5	8	21	15	4.03
NTD1- 240E		0.25	0.001	<0.2	1.63	31	<10	40	<0.5	<2	0.01	<0.5	9	27	17	4.17
NTD1- 260E		0.25	<0.001	<0.2	1.33	22	<10	40	<0.5	<2	0.01	<0.5	5	19	13	3.06
NTD1- 280E		0.32	0.001	0.2	1.39	26	<10	30	<0.5	3	0.01	<0.5	5	20	15	4.94
NTD1- 300E		0.27	0.001	<0.2	1.20	15	<10	30	<0.5	<2	0.03	<0.5	5	20	14	3.95
NTD1- 320E		0.28	0.001	<0.2	1.41	19	<10	30	<0.5	2	0.02	<0.5	7	19	15	3.69
NTD1- 340E		0.20	<0.001	<0.2	0.96	9	<10	20	<0.5	<2	0.02	<0.5	3	10	9	1.86
NTD1- 360E- A		0.22	0.001	<0.2	1.95	24	<10	40	<0.5	<2	0.02	<0.5	12	26	21	3.71
NTD1- 360E- B		0.26	0.003	<0.2	1.42	17	<10	40	<0.5	2	0.02	<0.5	5	18	14	2.57
NTD1- 380E		0.25	0.002	<0.2	1.35	41	<10	30	<0.5	<2	0.02	<0.5	6	20	17	4.55

SOILS 1 of 4 sets



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2

Page: 2 - B  
 Total # Pages: 5 (A - C)  
 Finalized Date: 18- AUG- 2012  
 Account: LEEGAR

CERTIFICATE OF ANALYSIS WH12183399

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
SRU 300- 20W		10	<1	0.03	20	0.40	650	1	0.02	25	940	100	0.03	<2	1	11
SRU 300- 40W		10	<1	0.04	30	0.53	981	<1	0.01	23	1060	18	0.02	<2	1	7
SRU 300- 60W		10	<1	0.03	20	0.64	776	<1	0.01	21	1330	23	0.02	<2	1	7
SRU 300- 80W		10	<1	0.04	20	0.66	541	<1	0.01	24	370	33	0.02	<2	2	6
SRU 300- 100W		10	<1	0.06	30	0.74	488	<1	0.01	26	320	20	0.01	<2	2	5
SRU 300- 120W		10	<1	0.03	20	0.38	589	<1	0.01	12	580	18	0.02	<2	1	7
SRU 300- 140W		10	<1	0.04	20	0.62	471	<1	0.01	24	790	29	0.02	<2	1	8
SRU 300- 160W		10	<1	0.03	20	0.73	631	<1	0.02	47	540	45	0.03	2	1	23
SRU 300- 180W		<10	<1	0.03	10	0.64	432	<1	0.01	39	640	32	0.03	<2	1	28
SRU 300- 200W		10	<1	0.04	20	0.68	470	<1	<0.01	28	440	36	0.02	<2	1	15
SRU 500- 20W		10	<1	0.03	20	0.55	852	<1	<0.01	19	1130	19	0.02	<2	1	4
SRU 500- 40W		10	<1	0.03	30	0.59	520	<1	<0.01	18	440	17	0.01	<2	1	5
SRU 500- 60W		10	<1	0.03	30	0.65	450	<1	<0.01	25	680	21	0.01	<2	2	5
SRU 500- 80W		10	<1	0.03	20	0.41	384	<1	0.01	16	2310	22	0.02	<2	1	5
SRU 500- 100W		10	<1	0.05	30	0.66	570	<1	<0.01	24	560	20	0.01	<2	2	5
SRU 500- 120W		10	<1	0.03	30	0.23	393	<1	<0.01	9	960	15	0.01	<2	1	5
SRU 500- 140W		10	<1	0.04	30	0.59	478	<1	<0.01	19	880	20	0.01	<2	1	4
SRU 500- 160W		10	<1	0.05	30	0.87	607	<1	0.01	32	320	21	0.01	<2	2	7
SRU 500- 180W		10	<1	0.06	20	0.43	291	<1	0.01	17	630	16	0.01	<2	1	5
SRU 500- 200W		10	<1	0.07	30	0.71	447	<1	0.01	26	450	19	0.01	<2	2	5
SRU 500- 220W		10	<1	0.04	20	0.66	396	<1	0.01	22	500	16	0.01	<2	1	3
NTD1- 40E		<10	<1	0.03	10	0.27	201	<1	0.01	11	630	8	0.02	<2	<1	5
NTD1- 60E		10	<1	0.02	20	0.20	285	<1	0.01	9	920	18	0.03	<2	1	6
NTD1- 80E		10	<1	0.05	40	0.84	724	<1	0.01	38	430	29	0.01	<2	2	8
NTD1- 100E		10	<1	0.02	20	0.22	293	<1	0.01	9	1150	15	0.02	<2	<1	5
NTD1- 120E		10	<1	0.02	20	0.34	330	<1	0.01	14	980	15	0.02	<2	1	6
NTD1- 140E		10	<1	0.02	20	0.41	538	<1	0.01	15	680	19	0.03	<2	1	5
NTD1- 160E		<10	<1	0.02	10	0.09	55	<1	0.02	3	470	7	0.04	<2	<1	4
NTD1- 180E		10	<1	0.03	10	0.35	628	<1	0.01	14	1000	17	0.04	<2	<1	6
NTD1- 200E		10	<1	0.03	20	0.26	226	1	0.01	13	490	22	0.02	<2	1	8
NTD1- 220E		10	<1	0.03	20	0.36	382	<1	0.01	15	640	15	0.03	<2	1	6
NTD1- 240E		10	<1	0.03	20	0.40	332	<1	0.01	17	890	26	0.03	<2	1	6
NTD1- 260E		10	<1	0.03	20	0.29	179	<1	0.01	13	440	19	0.02	<2	1	7
NTD1- 280E		10	<1	0.02	20	0.27	357	<1	0.01	11	1040	17	0.02	<2	1	5
NTD1- 300E		10	<1	0.02	10	0.27	449	<1	0.01	12	1030	15	0.04	<2	<1	9
NTD1- 320E		10	<1	0.02	10	0.26	381	<1	0.01	12	710	16	0.03	<2	<1	6
NTD1- 340E		<10	<1	0.02	10	0.11	144	<1	0.02	6	490	8	0.03	<2	<1	5
NTD1- 360E- A		10	<1	0.04	20	0.60	566	<1	0.01	25	560	19	0.02	<2	1	6
NTD1- 360E- B		10	1	0.03	10	0.26	210	<1	0.01	10	710	16	0.04	<2	<1	7
NTD1- 380E		10	<1	0.02	20	0.28	323	1	0.01	13	950	19	0.03	<2	1	6



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3

Page: 2 - C  
 Total # Pages: 5 (A - C)  
 Finalized Date: 18- AUG- 2012  
 Account: LEEGAR

CERTIFICATE OF ANALYSIS WH12183399

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Th	Ti	TI	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
SRU 300- 20W		<20	0.02	<10	<10	26	<10	98
SRU 300- 40W		<20	0.01	<10	<10	23	<10	87
SRU 300- 60W		<20	0.01	<10	<10	21	<10	87
SRU 300- 80W		<20	0.01	<10	<10	23	<10	85
SRU 300- 100W		<20	0.01	<10	<10	20	<10	89
SRU 300- 120W		<20	0.01	<10	<10	26	<10	60
SRU 300- 140W		<20	<0.01	<10	<10	17	<10	83
SRU 300- 160W		<20	<0.01	<10	<10	13	<10	167
SRU 300- 180W		<20	0.01	<10	<10	14	<10	123
SRU 300- 200W		<20	<0.01	<10	<10	16	<10	118
SRU 500- 20W		<20	0.01	<10	<10	25	<10	80
SRU 500- 40W		<20	0.01	<10	<10	23	<10	67
SRU 500- 60W		<20	0.01	<10	<10	22	<10	78
SRU 500- 80W		<20	0.01	<10	<10	28	<10	59
SRU 500- 100W		<20	0.01	<10	<10	22	<10	87
SRU 500- 120W		<20	0.01	<10	<10	24	<10	40
SRU 500- 140W		<20	0.01	<10	<10	22	<10	73
SRU 500- 160W		<20	0.01	<10	<10	20	<10	95
SRU 500- 180W		<20	0.01	<10	<10	18	<10	54
SRU 500- 200W		<20	0.01	<10	<10	20	<10	79
SRU 500- 220W		<20	0.01	<10	<10	17	<10	69
NTD1- 40E		<20	0.01	<10	<10	14	<10	35
NTD1- 60E		<20	0.02	<10	<10	25	<10	36
NTD1- 80E		<20	0.01	<10	<10	18	<10	96
NTD1- 100E		<20	0.02	<10	<10	27	<10	37
NTD1- 120E		<20	0.03	<10	<10	30	<10	50
NTD1- 140E		<20	0.02	<10	<10	25	<10	57
NTD1- 160E		<20	0.01	<10	<10	7	<10	12
NTD1- 180E		<20	0.02	<10	<10	24	<10	61
NTD1- 200E		<20	0.03	<10	<10	37	<10	50
NTD1- 220E		<20	0.02	<10	<10	24	<10	53
NTD1- 240E		<20	0.01	<10	<10	23	<10	62
NTD1- 260E		<20	0.01	<10	<10	17	<10	45
NTD1- 280E		<20	0.02	<10	<10	32	<10	46
NTD1- 300E		<20	0.01	<10	<10	25	<10	39
NTD1- 320E		<20	0.02	<10	<10	25	<10	40
NTD1- 340E		<20	0.02	<10	<10	17	<10	21
NTD1- 360E- A		<20	0.01	<10	<10	19	<10	72
NTD1- 360E- B		<20	0.01	<10	<10	25	<10	38
NTD1- 380E		<20	0.02	<10	<10	28	<10	45



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Page: 3 - A  
 Total # Pages: 5 (A - C)  
 Finalized Date: 18- AUG- 2012  
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CERTIFICATE OF ANALYSIS WH12183399

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- ICP21 Au ppm	ME- ICP41 Ag ppm	ME- ICP41 Al %	ME- ICP41 As ppm	ME- ICP41 B ppm	ME- ICP41 Ba ppm	ME- ICP41 Be ppm	ME- ICP41 Bi ppm	ME- ICP41 Ca %	ME- ICP41 Cd ppm	ME- ICP41 Co ppm	ME- ICP41 Cr ppm	ME- ICP41 Cu ppm	ME- ICP41 Fe %
NTD1- 400E		0.26	0.002	<0.2	1.20	34	<10	40	<0.5	<2	0.04	<0.5	6	17	14	3.13
NTD2- 20E		0.30	0.028	<0.2	1.52	77	<10	20	<0.5	<2	0.02	<0.5	10	24	13	4.81
NTD2- 40E		0.27	0.057	<0.2	1.11	63	<10	30	<0.5	<2	0.01	<0.5	5	14	10	2.88
NTD2- 60E		0.30	0.001	<0.2	1.69	31	<10	10	<0.5	<2	0.07	<0.5	13	23	20	3.63
NTD2- 80E		0.37	0.011	<0.2	1.21	10	<10	30	<0.5	<2	0.02	<0.5	6	18	16	3.71
NTD2- 100E		0.26	0.004	<0.2	1.24	19	<10	30	<0.5	<2	0.01	<0.5	6	18	20	3.81
NTD2- 120E		0.35	0.002	<0.2	1.54	13	<10	30	<0.5	<2	0.03	<0.5	11	21	18	3.64
NTD2- 140E		0.27	<0.001	<0.2	1.24	11	<10	20	<0.5	<2	0.02	<0.5	8	14	12	2.26
NTD2- 160E		0.34	<0.001	<0.2	0.91	15	<10	20	<0.5	<2	0.02	<0.5	6	16	11	3.86
NTD2- 200E		0.30	<0.001	0.2	1.89	9	<10	60	<0.5	<2	0.10	<0.5	8	24	14	3.29
NTD2- 220E		0.31	0.001	<0.2	2.09	32	<10	70	<0.5	<2	0.07	<0.5	14	28	25	4.21
NTD2- 240E		0.29	0.003	<0.2	1.19	15	<10	40	<0.5	<2	0.05	<0.5	6	17	12	3.61
NTD2- 260E		0.33	0.012	<0.2	1.66	28	<10	30	<0.5	<2	0.02	<0.5	9	20	16	3.59
NTD2- 280E		0.32	<0.001	<0.2	1.37	36	<10	20	<0.5	2	0.02	<0.5	7	24	13	5.84
NTD2- 300E		0.28	<0.001	0.2	0.88	4	<10	60	<0.5	<2	0.13	<0.5	4	8	7	1.34
NTD2- 320E		0.18	<0.001	0.3	1.94	37	<10	80	0.5	<2	0.05	<0.5	14	25	21	3.82
NTD2- 340E		0.25	0.002	0.2	2.03	46	<10	60	0.7	<2	0.12	<0.5	13	21	29	3.41
NTD2- 380E		0.25	<0.001	<0.2	1.35	19	<10	50	<0.5	<2	0.13	<0.5	8	16	13	2.55
NTD2- 400E		0.23	<0.001	<0.2	0.92	7	<10	30	<0.5	<2	0.22	<0.5	4	7	8	1.03
NTD2- 460E		0.33	0.010	<0.2	1.19	23	<10	30	<0.5	2	0.05	<0.5	8	20	14	4.97
NTD2- 480E		0.32	<0.001	<0.2	1.66	28	<10	20	<0.5	<2	0.04	<0.5	8	25	14	5.70
NTD2- 500E		0.26	0.003	<0.2	1.41	25	<10	30	<0.5	<2	0.03	<0.5	8	21	17	4.48
SRU 4A- 400E		0.23	0.009	0.3	1.47	59	<10	40	0.5	<2	0.03	<0.5	39	20	36	3.81
SRU 4A- 420E		0.29	0.005	<0.2	2.29	80	<10	30	0.5	<2	0.01	<0.5	20	30	31	5.06
SRU 4A- 440E		0.14	0.001	0.3	0.19	<2	<10	10	<0.5	<2	0.03	<0.5	1	1	1	0.19
SRU 4A- 460E		0.29	0.001	0.2	0.60	13	<10	10	<0.5	<2	0.02	<0.5	3	7	6	1.78
SRU 4A- 480E		0.46	0.001	0.2	2.74	52	<10	30	0.5	<2	0.01	<0.5	24	36	40	5.34
SRU 4A- 500E		0.33	0.001	0.2	1.14	32	<10	30	<0.5	<2	0.02	<0.5	5	16	13	3.86
SRU 4A- 520E		0.22	0.014	<0.2	1.26	92	<10	30	<0.5	<2	0.02	<0.5	11	15	18	3.17
SRU 4A- 540E		0.28	0.019	0.2	1.37	102	<10	40	<0.5	<2	0.02	<0.5	5	19	30	3.94
SRU 4A- 560E		0.23	0.004	<0.2	1.10	68	<10	30	<0.5	2	0.02	<0.5	7	23	15	7.40
SRU 4A- 580E		0.23	0.011	0.2	0.79	43	<10	50	<0.5	<2	0.05	<0.5	3	14	12	4.25
SRU 61		0.27	0.003	0.2	2.17	115	<10	50	<0.5	<2	0.02	<0.5	19	27	20	4.83
SRU 62		0.28	0.003	<0.2	2.22	76	<10	30	0.5	2	0.01	<0.5	12	29	32	7.08
SRU 63		0.30	0.001	0.5	1.05	36	<10	30	<0.5	<2	0.02	<0.5	16	11	24	2.33
SRU 64		0.24	0.005	0.3	1.16	80	<10	50	<0.5	<2	0.04	<0.5	15	14	25	3.57
SRU 65		0.41	0.002	0.2	0.82	75	<10	40	<0.5	<2	0.03	<0.5	7	10	19	3.28
SRU 66		0.20	<0.001	0.2	0.60	14	<10	20	<0.5	<2	0.03	<0.5	4	3	5	0.92
SRU 67		0.43	0.002	0.2	1.33	187	<10	20	<0.5	2	0.10	<0.5	17	20	32	5.58
SRU 17A		0.39	0.002	0.4	1.37	44	<10	20	<0.5	<2	0.01	<0.5	8	23	15	4.85

SOILS 2 of 4 sets



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5

Page: 3 - B  
 Total # Pages: 5 (A - C)  
 Finalized Date: 18- AUG- 2012  
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CERTIFICATE OF ANALYSIS WH12183399

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
NTD1- 400E		10	<1	0.02	10	0.25	298	<1	0.01	13	640	13	0.04	<2	<1	8
NTD2- 20E		10	<1	0.02	20	0.50	445	<1	0.01	18	700	16	0.02	<2	1	5
NTD2- 40E		10	<1	0.02	10	0.20	258	<1	0.02	9	650	12	0.03	<2	<1	4
NTD2- 60E		10	<1	0.02	20	0.64	471	<1	0.01	23	580	15	0.01	<2	1	6
NTD2- 80E		10	<1	0.02	20	0.26	242	2	0.01	15	740	14	0.02	<2	1	7
NTD2- 100E		10	<1	0.02	20	0.23	330	2	0.01	11	730	14	0.02	<2	1	7
NTD2- 120E		10	<1	0.02	20	0.45	451	2	0.01	17	650	14	0.01	<2	1	8
NTD2- 140E		<10	<1	0.03	10	0.25	282	1	0.02	11	520	12	0.02	<2	<1	6
NTD2- 160E		10	<1	0.02	20	0.18	261	1	0.01	9	720	10	0.01	<2	<1	6
NTD2- 200E		10	<1	0.03	20	0.55	292	1	0.01	17	620	15	0.02	<2	1	14
NTD2- 220E		10	<1	0.05	20	0.65	515	1	0.01	27	530	22	0.02	<2	1	11
NTD2- 240E		10	<1	0.02	10	0.18	468	1	0.01	8	1020	9	0.04	<2	<1	10
NTD2- 260E		10	<1	0.03	20	0.34	386	2	0.01	14	640	19	0.03	<2	1	6
NTD2- 280E		10	<1	0.02	20	0.35	501	2	0.01	13	2150	18	0.02	<2	1	6
NTD2- 300E		<10	<1	0.02	10	0.09	507	1	0.03	5	990	8	0.07	<2	<1	13
NTD2- 320E		10	<1	0.06	20	0.39	816	2	0.01	17	1450	44	0.07	<2	1	10
NTD2- 340E		<10	<1	0.05	10	0.43	496	1	0.02	23	960	35	0.05	<2	1	14
NTD2- 380E		<10	<1	0.03	10	0.31	443	1	0.02	12	1030	23	0.05	<2	<1	14
NTD2- 400E		<10	<1	0.03	10	0.13	121	1	0.03	5	750	6	0.04	<2	<1	14
NTD2- 460E		10	<1	0.03	10	0.25	499	2	0.02	10	850	15	0.04	<2	1	8
NTD2- 480E		10	<1	0.03	10	0.37	481	1	0.01	14	1090	16	0.02	<2	1	7
NTD2- 500E		10	<1	0.03	10	0.31	495	2	0.01	13	980	28	0.03	<2	1	7
SRU 4A- 400E		<10	<1	0.03	10	0.32	2110	2	0.01	27	1360	29	0.05	<2	1	7
SRU 4A- 420E		10	<1	0.03	30	0.71	1045	1	0.01	36	440	23	0.01	<2	2	6
SRU 4A- 440E		<10	<1	0.02	<10	0.01	10	1	0.03	1	390	<2	0.01	<2	<1	7
SRU 4A- 460E		<10	<1	0.02	<10	0.07	79	1	0.02	3	640	11	0.02	<2	<1	5
SRU 4A- 480E		10	<1	0.03	30	0.82	641	1	0.01	40	530	45	0.02	<2	2	6
SRU 4A- 500E		10	<1	0.02	30	0.18	304	2	0.01	10	1670	24	0.02	<2	1	6
SRU 4A- 520E		<10	<1	0.02	10	0.18	445	1	0.02	10	810	29	0.03	<2	<1	6
SRU 4A- 540E		10	<1	0.02	20	0.19	303	2	0.01	10	1040	47	0.04	<2	1	8
SRU 4A- 560E		10	<1	0.03	20	0.19	708	2	0.01	8	5270	30	0.03	<2	1	6
SRU 4A- 580E		10	<1	0.03	20	0.12	426	2	0.01	6	2020	16	0.03	<2	<1	9
SRU 61		10	<1	0.03	20	0.37	964	2	0.01	18	950	21	0.03	<2	1	7
SRU 62		10	<1	0.03	30	0.50	768	1	0.01	19	1770	52	0.03	<2	1	12
SRU 63		<10	<1	0.02	10	0.18	804	2	0.02	12	910	27	0.02	<2	<1	6
SRU 64		10	<1	0.03	20	0.18	830	1	0.02	14	860	26	0.02	<2	<1	10
SRU 65		10	<1	0.03	30	0.09	267	2	0.01	10	1020	16	0.02	<2	<1	7
SRU 66		<10	<1	0.02	<10	0.04	244	1	0.02	2	720	6	0.03	<2	<1	6
SRU 67		10	<1	0.05	20	0.33	595	1	0.01	31	1980	30	0.05	<2	1	12
SRU 17A		10	<1	0.05	20	0.30	345	1	0.01	12	2250	20	0.02	<2	1	6



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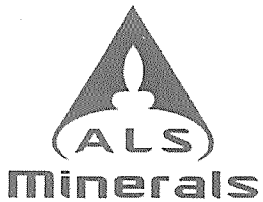
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6

Page: 3 - C  
 Total # Pages: 5 (A - C)  
 Finalized Date: 18-AUG-2012  
 Account: LEEGAR

CERTIFICATE OF ANALYSIS WH12183399

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
NTD1- 400E		<20	0.02	<10	<10	22	<10	47
NTD2- 20E		<20	0.02	<10	<10	25	<10	59
NTD2- 40E		<20	0.02	<10	<10	24	<10	33
NTD2- 60E		<20	0.01	<10	<10	15	<10	72
NTD2- 80E		<20	0.02	<10	<10	26	<10	49
NTD2- 100E		<20	0.02	<10	<10	26	<10	47
NTD2- 120E		<20	0.01	<10	<10	17	<10	70
NTD2- 140E		<20	0.01	<10	<10	13	<10	40
NTD2- 160E		<20	0.02	<10	<10	27	<10	36
NTD2- 200E		<20	0.01	<10	<10	16	<10	64
NTD2- 220E		<20	0.01	<10	<10	19	<10	84
NTD2- 240E		<20	0.01	<10	<10	23	<10	44
NTD2- 260E		<20	0.01	<10	<10	21	<10	60
NTD2- 280E		<20	0.02	<10	<10	38	<10	55
NTD2- 300E		<20	<0.01	<10	<10	12	<10	27
NTD2- 320E		<20	<0.01	<10	<10	21	<10	68
NTD2- 340E		<20	0.01	<10	<10	14	<10	67
NTD2- 380E		<20	0.01	<10	<10	17	<10	42
NTD2- 400E		<20	0.01	<10	<10	10	<10	16
NTD2- 460E		<20	0.03	<10	<10	28	<10	53
NTD2- 480E		<20	0.03	<10	<10	24	<10	55
NTD2- 500E		<20	0.02	<10	<10	43	<10	62
SRU 4A- 400E		<20	0.01	<10	<10	18	<10	81
SRU 4A- 420E		<20	<0.01	<10	<10	18	<10	99
SRU 4A- 440E		<20	<0.01	<10	<10	4	<10	5
SRU 4A- 460E		<20	0.02	<10	<10	15	<10	17
SRU 4A- 480E		<20	0.01	<10	<10	19	<10	109
SRU 4A- 500E		<20	0.03	<10	<10	36	<10	45
SRU 4A- 520E		<20	0.01	<10	<10	17	<10	43
SRU 4A- 540E		<20	0.01	<10	<10	28	<10	45
SRU 4A- 560E		<20	0.02	<10	<10	42	<10	61
SRU 4A- 580E		<20	0.01	<10	<10	29	<10	47
SRU 61		<20	0.01	<10	<10	23	<10	108
SRU 62		<20	0.01	<10	<10	26	<10	102
SRU 63		<20	0.01	<10	<10	13	<10	46
SRU 64		<20	0.01	<10	<10	21	<10	71
SRU 65		<20	0.01	<10	<10	26	<10	54
SRU 66		<20	0.01	<10	<10	9	<10	12
SRU 67		<20	0.01	<10	<10	19	<10	79
SRU 17A		<20	0.02	<10	<10	27	<10	52



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7

Page: 4 - A  
 Total # Pages: 5 (A - C)  
 Finalized Date: 18- AUG- 2012  
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CERTIFICATE OF ANALYSIS WH12183399

Sample Description	Method Analyte Units LOR	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
SRU 43A		0.30	0.130	<0.2	2.13	2300	<10	40	1.1	2	0.04	<0.5	61	15	50	5.79
SRU 54A		0.33	0.005	0.5	1.37	372	<10	20	0.6	2	0.03	<0.5	21	17	41	6.90
NTE1- 100N		0.24	0.001	0.2	2.02	16	<10	40	<0.5	<2	0.06	<0.5	14	32	25	4.24
NTE1- 120N		0.23	0.004	<0.2	2.07	20	<10	30	<0.5	2	0.05	<0.5	17	32	32	4.37
NTE1- 140N		0.33	0.003	0.2	2.00	14	<10	40	<0.5	<2	0.04	<0.5	17	30	36	4.34
NTE1- 160N		0.32	<0.001	<0.2	1.66	13	<10	30	<0.5	2	0.09	<0.5	13	25	21	3.92
NTE1- 180N		0.37	0.001	<0.2	1.78	14	<10	30	<0.5	2	0.04	<0.5	12	26	23	3.88
NTE1- 200N		0.22	0.003	<0.2	1.56	13	<10	30	<0.5	<2	0.04	<0.5	10	24	18	3.41
NTE1- 220N		0.30	<0.001	<0.2	1.86	12	<10	30	<0.5	<2	0.08	<0.5	13	29	25	4.07
NTE1- 240N- A		0.21	<0.001	0.3	2.15	25	<10	50	0.5	2	0.11	<0.5	23	30	39	4.04
NTE1- 240N- B		0.30	0.002	<0.2	1.74	12	<10	30	<0.5	<2	0.04	<0.5	10	26	17	3.64
NTE1- 260N		0.29	0.001	<0.2	1.95	14	<10	30	<0.5	<2	0.09	<0.5	15	30	33	4.27
NTE1- 280N		0.22	0.003	<0.2	2.40	27	<10	30	0.5	<2	0.06	<0.5	29	35	60	4.91
NTE1- 300N		0.25	<0.001	<0.2	2.30	29	<10	30	<0.5	<2	0.07	<0.5	33	34	54	4.76
NTE1- 320N		0.24	<0.001	<0.2	2.40	27	<10	50	0.5	2	0.04	<0.5	28	35	57	4.77
<del>NTE1- 340N</del>		Not Recvd														
NTE1- 360N		0.22	<0.001	<0.2	2.15	29	<10	50	<0.5	<2	0.09	<0.5	17	30	46	4.34
NTE1- 380N		0.18	0.003	<0.2	1.85	41	<10	50	<0.5	<2	0.07	<0.5	13	28	35	4.04
NTE1- 400N		0.17	0.002	0.2	1.57	53	<10	40	<0.5	2	0.06	<0.5	12	23	29	3.30
NTE2 SP		0.29	0.002	<0.2	1.92	20	<10	30	<0.5	2	0.16	<0.5	17	30	25	4.20
NTC1- 380E		0.34	0.004	<0.2	1.89	21	<10	40	<0.5	<2	0.05	<0.5	18	27	40	4.42
NTC1- 400E		0.28	0.001	<0.2	1.43	15	<10	30	<0.5	<2	0.01	<0.5	8	18	11	3.27
NTC1- 420E		0.27	0.001	<0.2	2.13	27	<10	50	0.6	<2	0.02	<0.5	18	29	44	4.56
NTC1- 440E		0.31	<0.001	<0.2	1.70	20	<10	50	<0.5	2	0.01	<0.5	11	22	15	3.68
NTC1- 460E		0.25	0.001	<0.2	2.28	20	<10	50	<0.5	<2	0.02	<0.5	14	32	29	4.55
NTC1- 480E		0.31	0.044	<0.2	2.01	21	<10	50	<0.5	<2	0.04	<0.5	16	29	38	4.46
NTC1- 500E		0.27	<0.001	<0.2	2.15	22	<10	40	<0.5	2	0.04	<0.5	16	32	32	4.54
NTC1- 520E		0.25	<0.001	<0.2	2.06	22	<10	40	<0.5	<2	0.05	<0.5	15	32	29	4.35
NTC1- 540E		0.24	0.001	<0.2	2.09	25	<10	40	<0.5	<2	0.04	<0.5	13	32	25	4.33
NTC1- 560E		0.26	0.002	<0.2	2.25	27	<10	40	<0.5	<2	0.05	<0.5	12	34	22	4.55
NTC1- 580E		0.25	0.001	<0.2	2.24	24	<10	30	<0.5	<2	0.02	<0.5	10	32	20	4.43
NTC1- 600E		0.26	<0.001	<0.2	2.38	20	<10	50	<0.5	<2	0.02	<0.5	12	34	21	4.52
SRUA6- 200N		0.20	0.001	<0.2	0.91	9	<10	20	<0.5	<2	0.03	<0.5	2	9	12	1.62
SRUA6- 220N		0.17	<0.001	<0.2	0.57	2	<10	10	<0.5	<2	0.04	<0.5	1	2	4	0.35
SRUA6- 240N		0.23	<0.001	<0.2	0.60	6	<10	20	<0.5	<2	0.02	<0.5	2	4	6	0.68
SRUA6- 260N		0.27	<0.001	0.2	0.96	14	<10	40	<0.5	<2	0.04	<0.5	3	16	17	1.98
SRUA6- 280N		0.41	0.001	<0.2	1.73	36	<10	20	<0.5	<2	0.05	<0.5	15	24	35	4.27
SRUA6- 300N		0.26	0.035	0.2	1.25	27	<10	30	<0.5	2	0.03	<0.5	10	19	26	2.89
SRUA6- 320N		0.19	0.001	<0.2	0.43	9	<10	20	<0.5	<2	0.03	<0.5	8	6	10	0.96
SRUA6- 340N		0.28	<0.001	0.2	1.26	21	<10	30	<0.5	4	0.02	<0.5	6	23	18	4.80

3 of 4 sets



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8

Page: 4 - B  
 Total # Pages: 5 (A - C)  
 Finalized Date: 18- AUG- 2012  
 Account: LEEGAR

CERTIFICATE OF ANALYSIS WH12183399

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
	Analyte Units LOR	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
SRU 43A		10	<1	0.03	10	0.42	1610	<1	0.01	43	1110	70	0.05	2	3	13
SRU 54A		10	<1	0.03	30	0.16	445	1	0.01	41	1070	51	0.03	<2	1	9
NTE1- 100N		10	<1	0.03	30	0.84	535	<1	0.01	32	520	15	0.01	2	2	5
NTE1- 120N		10	<1	0.02	20	0.84	691	<1	<0.01	33	570	20	0.01	<2	1	5
NTE1- 140N		10	1	0.04	30	0.83	664	<1	0.01	32	360	18	0.01	<2	2	5
NTE1- 160N		10	<1	0.02	30	0.58	445	<1	0.01	23	670	14	0.01	<2	1	8
NTE1- 180N		10	<1	0.03	20	0.69	465	<1	0.01	26	350	11	0.01	<2	1	4
NTE1- 200N		10	<1	0.03	20	0.59	391	<1	0.01	22	400	11	0.01	<2	1	5
NTE1- 220N		10	<1	0.02	30	0.78	541	<1	<0.01	30	540	13	0.01	<2	2	6
NTE1- 240N- A		10	<1	0.03	30	0.80	903	1	0.02	31	500	51	0.04	<2	1	11
NTE1- 240N- B		10	<1	0.03	30	0.66	393	<1	0.01	23	520	10	0.01	<2	1	4
NTE1- 260N		10	<1	0.03	30	0.77	544	<1	0.01	31	660	15	0.01	<2	2	8
NTE1- 280N		10	<1	0.02	40	0.97	1055	<1	0.01	39	560	50	0.02	<2	2	7
NTE1- 300N		10	<1	0.02	30	0.93	1170	1	0.01	38	590	48	0.02	<2	2	7
NTE1- 320N		10	<1	0.04	30	0.93	1045	1	0.01	36	540	48	0.03	<2	2	7
NTE1- 340N		10	<1	0.03	30	0.82	726	<1	0.01	38	510	30	0.02	<2	2	10
NTE1- 360N		10	<1	0.03	20	0.67	591	1	0.01	27	760	32	0.03	<2	1	10
NTE1- 400N		10	<1	0.04	20	0.53	567	1	0.01	20	740	19	0.05	<2	1	9
NTE2 SP		10	<1	0.03	30	0.82	676	<1	0.01	31	580	14	0.03	<2	1	13
NTC1- 380E		10	<1	0.03	40	0.79	675	<1	0.01	32	420	22	0.01	<2	2	6
NTC1- 400E		10	<1	0.03	30	0.38	251	<1	0.01	15	230	13	0.01	<2	1	5
NTC1- 420E		10	<1	0.04	40	0.79	590	<1	0.01	35	340	27	0.01	<2	2	4
NTC1- 440E		10	<1	0.03	20	0.49	332	<1	0.01	20	260	17	0.01	<2	1	5
NTC1- 460E		10	<1	0.05	40	0.82	546	<1	0.01	31	270	19	0.01	<2	2	5
NTC1- 480E		10	<1	0.04	40	0.79	603	<1	0.01	32	390	20	0.01	<2	2	5
NTC1- 500E		10	<1	0.04	40	0.84	588	<1	0.01	33	400	19	0.01	<2	2	6
NTC1- 520E		10	<1	0.03	30	0.79	561	<1	0.01	32	460	18	0.01	<2	2	5
NTC1- 540E		10	<1	0.04	30	0.79	516	<1	0.01	30	430	16	0.01	<2	2	5
NTC1- 560E		10	<1	0.04	40	0.83	542	<1	0.01	29	440	16	0.01	2	2	7
NTC1- 580E		10	<1	0.05	40	0.82	500	<1	0.01	26	360	14	0.01	<2	2	5
NTC1- 600E		10	<1	0.06	40	0.86	549	<1	0.01	29	330	15	0.01	<2	2	6
SRUA6- 200N		<10	<1	0.02	10	0.14	63	<1	0.02	5	590	8	0.04	<2	<1	5
SRUA6- 220N		<10	<1	0.02	<10	0.02	15	<1	0.03	<1	300	<2	0.03	<2	<1	6
SRUA6- 240N		<10	<1	0.02	<10	0.04	42	<1	0.03	2	350	4	0.03	<2	<1	5
SRUA6- 260N		<10	<1	0.02	10	0.15	145	<1	0.02	8	930	9	0.05	<2	<1	7
SRUA6- 280N		10	<1	0.03	20	0.58	327	<1	0.01	21	840	26	0.03	<2	1	7
SRUA6- 300N		<10	<1	0.03	10	0.28	341	1	0.01	27	660	23	0.04	<2	<1	5
SRUA6- 320N		<10	<1	0.02	<10	0.04	417	<1	0.02	8	460	7	0.03	<2	<1	5
SRUA6- 340N		10	1	0.03	20	0.27	350	1	0.01	11	1630	20	0.03	<2	1	6



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9

Page: 4 - C  
 Total # Pages: 5 (A - C)  
 Finalized Date: 18- AUG- 2012  
 Account: LEEGAR

CERTIFICATE OF ANALYSIS WH12183399

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Th	Ti	TI	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
SRU 43A		<20	<0.01	<10	<10	11	<10	122
SRU 54A		<20	0.01	<10	<10	16	<10	122
NTE1- 100N		<20	0.01	<10	<10	21	<10	86
NTE1- 120N		<20	0.01	<10	<10	20	<10	89
NTE1- 140N		<20	0.02	<10	<10	22	<10	89
NTE1- 160N		<20	0.01	<10	<10	21	<10	64
NTE1- 180N		<20	0.01	<10	<10	20	<10	73
NTE1- 200N		<20	0.01	<10	<10	19	<10	63
NTE1- 220N		<20	0.02	<10	<10	20	<10	83
NTE1- 240N- A		<20	0.01	<10	<10	18	<10	91
NTE1- 240N- B		<20	0.01	<10	<10	19	<10	69
NTE1- 260N		<20	0.01	<10	<10	19	<10	83
NTE1- 280N		20	0.01	<10	<10	19	<10	105
NTE1- 300N		20	0.01	<10	<10	19	<10	101
NTE1- 320N		<20	0.01	<10	<10	19	<10	102
NTE1- 340N								
NTE1- 360N		<20	0.01	<10	<10	19	<10	96
NTE1- 380N		<20	0.01	<10	<10	21	<10	81
NTE1- 400N		<20	0.01	<10	<10	17	<10	70
NTE2 SP		<20	0.01	<10	<10	21	<10	103
NTC1- 380E		<20	0.02	<10	<10	18	<10	85
NTC1- 400E		<20	0.01	<10	<10	18	<10	44
NTC1- 420E		<20	0.01	<10	<10	19	<10	82
NTC1- 440E		<20	0.01	<10	<10	18	<10	52
NTC1- 460E		<20	0.01	<10	<10	19	<10	79
NTC1- 480E		<20	0.01	<10	<10	19	<10	84
NTC1- 500E		<20	0.01	<10	<10	19	<10	85
NTC1- 520E		<20	0.01	<10	<10	19	<10	80
NTC1- 540E		<20	0.01	<10	<10	19	<10	79
NTC1- 560E		<20	0.01	<10	<10	19	<10	81
NTC1- 580E		<20	0.01	<10	<10	18	<10	79
NTC1- 600E		<20	0.01	<10	<10	19	<10	86
SRUA6- 200N		<20	0.01	<10	<10	12	<10	22
SRUA6- 220N		<20	0.02	<10	<10	8	<10	8
SRUA6- 240N		<20	0.01	<10	<10	8	<10	8
SRUA6- 260N		<20	0.01	<10	<10	17	<10	25
SRUA6- 280N		<20	0.02	<10	<10	21	<10	73
SRUA6- 300N		<20	0.01	<10	<10	18	<10	54
SRUA6- 320N		<20	0.01	<10	<10	12	<10	21
SRUA6- 340N		<20	0.01	10	<10	25	<10	53



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10

Page: 5 - A  
 Total # Pages: 5 (A - C)  
 Finalized Date: 18- AUG- 2012  
 Account: LEEGAR

CERTIFICATE OF ANALYSIS WH12183399

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- ICP21 Au ppm	ME- ICP41 Ag ppm	ME- ICP41 Al %	ME- ICP41 As ppm	ME- ICP41 B ppm	ME- ICP41 Ba ppm	ME- ICP41 Be ppm	ME- ICP41 Bi ppm	ME- ICP41 Ca %	ME- ICP41 Cd ppm	ME- ICP41 Co ppm	ME- ICP41 Cr ppm	ME- ICP41 Cu ppm	ME- ICP41 Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
SRUA6- 360N		0.21	<0.001	0.2	1.37	21	<10	20	<0.5	3	0.01	<0.5	3	29	19	8.15
SRUA6- 380N		0.28	<0.001	0.2	1.41	31	<10	20	<0.5	4	0.01	<0.5	4	30	48	7.93
SRUA6- 400N		0.17	<0.001	<0.2	0.34	2	<10	10	<0.5	<2	0.05	<0.5	<1	3	86	0.51
SRU4A- 600E		0.23	0.001	0.2	0.76	37	<10	20	<0.5	<2	0.02	<0.5	5	10	38	2.27
SRU4A- 620E		0.38	0.004	0.5	2.39	80	<10	40	<0.5	2	0.01	<0.5	11	32	28	5.49
SRU4A- 640E		0.28	0.001	0.4	1.53	64	<10	40	<0.5	2	0.04	<0.5	10	18	19	3.90
SRU4A- 660E		0.31	0.001	<0.2	1.67	66	<10	30	<0.5	<2	0.01	<0.5	11	26	16	4.51
SRU4A- 680E		0.23	0.027	0.2	0.95	139	<10	20	<0.5	2	0.01	<0.5	5	14	15	4.19

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1



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11

Page: 5 - B  
 Total # Pages: 5 (A - C)  
 Finalized Date: 18- AUG- 2012  
 Account: LEEGAR

CERTIFICATE OF ANALYSIS WH12183399

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
		10	1	0.01	10	0.01	5	0.01	1	10	2	0.01	2	1	1	
SRUA6- 360N		10	1	0.03	20	0.24	246	<1	<0.01	11	2250	27	0.05	<2	1	5
SRUA6- 380N		10	<1	0.02	20	0.34	286	<1	<0.01	11	2450	22	0.03	<2	1	5
SRUA6- 400N		<10	<1	0.01	<10	0.03	34	<1	0.02	2	320	2	0.01	<2	<1	5
SRU4A- 600E		<10	<1	0.02	10	0.14	303	<1	0.01	7	960	16	0.02	<2	<1	4
SRU4A- 620E		10	<1	0.03	30	0.72	464	<1	<0.01	26	420	20	0.01	<2	2	4
SRU4A- 640E		10	<1	0.02	10	0.23	1465	<1	0.01	13	2190	23	0.02	<2	<1	8
SRU4A- 660E		10	<1	0.03	40	0.43	695	<1	<0.01	17	740	25	0.01	<2	1	5
SRU4A- 680E		10	<1	0.03	20	0.18	277	<1	0.01	12	860	21	0.02	<2	<1	5



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12

Page: 5 - C  
 Total # Pages: 5 (A - C)  
 Finalized Date: 18- AUG- 2012  
 Account: LEEGAR

CERTIFICATE OF ANALYSIS WH12183399

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
SRUA6- 360N		<20	0.02	<10	<10	36	<10	64
SRUA6- 380N		<20	0.02	<10	<10	39	<10	61
SRUA6- 400N		<20	0.01	<10	<10	8	<10	13
SRU4A- 600E		<20	0.01	<10	<10	15	<10	35
SRU4A- 620E		<20	0.01	<10	<10	19	<10	92
SRU4A- 640E		<20	0.01	<10	<10	21	<10	72
SRU4A- 660E		<20	0.01	<10	<10	20	<10	69
SRU4A- 680E		<20	0.01	<10	<10	26	<10	49



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13

Page: 2 - A  
 Total # Pages: 2 (A - C)  
 Finalized Date: 25- SEP- 2012  
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CERTIFICATE OF ANALYSIS WH12215622

Sample Description	Method Analyte Units LOR	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
NTC1 - 470E		0.44	0.002	<0.2	1.82	16	<10	30	<0.5	<2	0.03	<0.5	12	26	25	3.72
NTC1 - 481E		0.51	0.004	<0.2	1.98	20	<10	40	<0.5	2	0.03	<0.5	14	29	36	4.12
NTC1 - 490E		0.51	0.004	<0.2	2.11	19	<10	40	<0.5	<2	0.04	<0.5	14	32	30	4.34
NTC1 - 510E		0.39	0.002	<0.2	2.01	19	<10	40	<0.5	2	0.05	<0.5	12	31	25	4.07
NTC2 - 460E		0.43	0.002	<0.2	2.13	20	<10	50	0.5	2	0.05	<0.5	19	30	49	4.63
NTC2 - 480E		0.40	0.002	<0.2	2.23	22	<10	50	<0.5	<2	0.03	<0.5	15	33	34	4.51
NTC2 - 500E		0.38	0.002	<0.2	2.04	20	<10	40	<0.5	2	0.03	<0.5	13	30	28	4.17
NTC3 - 460E		0.34	0.003	<0.2	2.12	17	<10	40	0.5	3	0.04	<0.5	15	30	38	4.31
NTC3 - 480E		0.31	0.002	<0.2	1.83	14	<10	50	<0.5	2	0.04	<0.5	11	24	26	3.47
NTC3 - 490E		0.29	0.002	<0.2	1.99	20	<10	40	<0.5	<2	0.06	<0.5	14	30	38	4.20
NTC3 - 500E		0.37	0.003	<0.2	1.91	19	<10	40	<0.5	2	0.06	<0.5	14	29	25	3.99
NTC3 - 510E		0.29	0.002	<0.2	2.01	20	<10	40	<0.5	<2	0.03	<0.5	11	30	25	3.97
SRU17B		0.43	0.002	0.2	1.88	69	<10	50	0.5	2	0.06	<0.5	13	28	23	4.69
SRU17C		0.40	0.005	0.5	2.45	156	<10	30	0.5	2	0.02	<0.5	14	34	31	5.70
SRU300 - 220W		0.34	0.002	<0.2	2.19	163	<10	30	0.5	2	0.18	<0.5	20	35	33	4.44
SRU300 - 240W		0.27	0.003	<0.2	2.03	312	<10	60	<0.5	2	0.11	<0.5	15	30	22	3.74
SRU300 - 260W		0.47	0.003	0.3	2.38	80	<10	30	0.6	<2	0.06	<0.5	39	32	38	4.87
SRU490 - OE		0.45	0.001	0.2	2.13	81	<10	40	<0.5	2	0.01	<0.5	7	29	16	4.53
SRU490 - 10W		0.37	0.002	0.2	2.68	52	<10	50	<0.5	2	0.01	<0.5	11	32	20	4.71
SRU490 - 20W		0.35	0.005	0.2	2.01	51	<10	40	<0.5	2	0.02	<0.5	17	27	24	4.99
SRU490 - 30W		0.42	0.004	<0.2	2.83	67	<10	50	<0.5	2	0.01	<0.5	15	37	25	4.92
SRU500 - 10W		0.31	0.017	0.3	1.89	41	<10	60	<0.5	2	0.02	<0.5	8	23	15	3.68
SRU500 - 30W		0.38	0.001	0.2	1.67	41	<10	30	<0.5	<2	0.01	<0.5	6	24	13	3.56

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14



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Page: 2 - B  
Total # Pages: 2 (A - C)  
Finalized Date: 25- SEP- 2012  
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CERTIFICATE OF ANALYSIS WH12215622

Table with 17 columns: Sample Description, Method Analyte Units LOR, and 16 elements (Ga, Hg, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, S, Sb, Sc, Sr) with their respective units and values.



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15

Page: 2 - C  
 Total # Pages: 2 (A - C)  
 Finalized Date: 25- SEP- 2012  
 Account: LEEGAR

CERTIFICATE OF ANALYSIS WH12215622

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Th ppm 20	Ti % 0.01	Tl ppm 10	U ppm 10	V ppm 1	W ppm 10	Zn ppm 2
NTC1 - 470E		<20	0.01	<10	<10	18	<10	70
NTC1 - 481E		<20	0.01	<10	<10	20	<10	80
NTC1 - 490E		<20	0.01	<10	<10	20	<10	86
NTC1 - 510E		<20	0.01	<10	<10	20	<10	76
NTC2 - 460E		20	0.02	<10	<10	20	<10	91
NTC2 - 480E		<20	0.01	<10	<10	21	<10	91
NTC2 - 500E		<20	0.01	<10	<10	20	<10	81
NTC3 - 460E		<20	0.01	<10	<10	20	<10	86
NTC3 - 480E		<20	0.01	<10	<10	18	<10	64
NTC3 - 490E		<20	0.01	<10	<10	19	<10	88
NTC3 - 500E		<20	0.01	<10	<10	18	<10	79
NTC3 - 510E		<20	0.01	<10	<10	19	<10	74
SRU17B		<20	0.01	<10	<10	32	<10	69
SRU17C		<20	0.01	<10	<10	18	<10	96
SRU300 - 220W		<20	0.01	<10	<10	19	<10	102
SRU300 - 240W		<20	<0.01	<10	<10	18	<10	93
SRU300 - 260W		<20	0.01	<10	<10	21	<10	118
SRU490 - OE		<20	0.01	<10	<10	23	<10	64
SRU490 - 10W		<20	0.01	<10	<10	24	<10	70
SRU490 - 20W		<20	0.02	<10	<10	30	<10	71
SRU490 - 30W		<20	0.01	<10	<10	20	<10	96
SRU500 - 10W		<20	0.02	<10	<10	32	<10	53
SRU500 - 30W		<20	0.02	<10	<10	24	<10	53



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16

Page: 2 - A  
 Total # Pages: 2 (A - C)  
 Finalized Date: 21- AUG- 2012  
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CERTIFICATE OF ANALYSIS WH12183431

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- ICP21 Au ppm	ME- ICP41 Ag ppm	ME- ICP41 Al %	ME- ICP41 As ppm	ME- ICP41 B ppm	ME- ICP41 Ba ppm	ME- ICP41 Be ppm	ME- ICP41 Bi ppm	ME- ICP41 Ca %	ME- ICP41 Cd ppm	ME- ICP41 Co ppm	ME- ICP41 Cr ppm	ME- ICP41 Cu ppm	ME- ICP41 Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
RUOC4		1.13	0.027	0.4	0.71	363	<10	10	<0.5	<2	0.12	<0.5	4	26	4	1.85
RUOC5		1.67	0.003	<0.2	0.76	48	<10	20	<0.5	<2	0.90	<0.5	6	21	5	2.19
RUOC6		1.98	0.002	<0.2	0.58	66	<10	20	<0.5	<2	0.11	<0.5	5	16	5	1.52
RUFL23		1.59	0.001	<0.2	0.60	8	<10	20	<0.5	<2	0.05	<0.5	2	20	10	1.78
RUFL24		1.05	0.005	<0.2	0.46	163	<10	10	<0.5	<2	0.05	<0.5	7	16	4	1.58
RUFL25		1.83	0.001	<0.2	1.70	9	<10	20	<0.5	<2	0.05	<0.5	9	28	10	3.61
NTEFL		0.57	0.001	<0.2	0.22	46	<10	40	<0.5	<2	0.04	<0.5	6	8	5	1.39

*Rocks*



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17

Page: 2 - B  
 Total # Pages: 2 (A - C)  
 Finalized Date: 21- AUG- 2012  
 Account: LEEGAR

CERTIFICATE OF ANALYSIS WH12183431

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	
RUOC4		<10	<1	0.02	10	0.23	240	<1	0.03	10	380	87	0.03	<2	1	11
RUOC5		<10	<1	0.05	10	0.26	725	<1	0.05	15	690	12	0.06	<2	2	23
RUOC6		<10	<1	0.04	10	0.14	400	<1	0.04	14	480	5	0.02	<2	1	10
RUFL23		<10	<1	0.03	<10	0.22	207	<1	0.01	7	210	41	0.01	<2	1	6
RUFL24		<10	<1	0.02	<10	0.13	501	<1	0.02	19	130	24	0.01	<2	1	5
RUFL25		<10	<1	0.07	10	0.54	272	<1	0.02	21	250	11	0.04	<2	1	8
NTEFL		<10	<1	0.08	20	0.03	877	<1	0.02	6	200	3	0.01	<2	<1	8



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18

Page: 2 - C  
 Total # Pages: 2 (A - C)  
 Finalized Date: 21- AUG- 2012  
 Account: LEEGAR

CERTIFICATE OF ANALYSIS WH12183431

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
RUOC4		<20	<0.01	<10	<10	5	<10	38
RUOC5		<20	<0.01	<10	<10	5	<10	43
RUOC6		<20	<0.01	<10	<10	3	<10	24
RUFL23		<20	<0.01	<10	<10	4	<10	28
RUFL24		<20	<0.01	<10	<10	2	<10	32
RUFL25		<20	<0.01	<10	<10	9	<10	63
NTEFL		<20	<0.01	<10	<10	2	<10	8



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19

Page: 2 - A  
 Total # Pages: 2 (A - C)  
 Finalized Date: 20- AUG- 2012  
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CERTIFICATE OF ANALYSIS WH12183430

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- ICP21 Au ppm	ME- ICP41 Ag ppm	ME- ICP41 Al %	ME- ICP41 As ppm	ME- ICP41 B ppm	ME- ICP41 Ba ppm	ME- ICP41 Be ppm	ME- ICP41 Bi ppm	ME- ICP41 Ca %	ME- ICP41 Cd ppm	ME- ICP41 Co ppm	ME- ICP41 Cr ppm	ME- ICP41 Cu ppm	ME- ICP41 Fe %
RUST42		0.34	0.006	0.3	1.75	36	<10	80	3.6	2	0.74	<0.5	12	22	333	2.57
RUST43		0.42	0.004	0.2	2.03	10	<10	30	0.6	2	0.22	<0.5	35	28	46	4.45
RUST44		0.29	0.005	0.2	1.86	33	<10	40	<0.5	<2	0.54	<0.5	13	22	34	3.37
RUST45		0.38	0.001	<0.2	1.99	8	<10	30	0.6	<2	0.27	<0.5	28	28	43	4.10
RUST47		0.47	0.004	<0.2	2.09	8	<10	20	0.5	<2	0.15	<0.5	29	30	36	4.64
RUST48		0.62	0.085	<0.2	2.74	61	<10	30	2.5	2	0.10	0.6	155	35	111	5.65

Co  
cobalt

Stream Sediments



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20

Page: 2 - B  
 Total # Pages: 2 (A - C)  
 Finalized Date: 20- AUG- 2012  
 Account: LEEGAR

CERTIFICATE OF ANALYSIS WH12183430

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	
RUST42		<10	1	0.07	240	0.43	645	2	<0.01	30	1530	31	0.10	<2	2	63
RUST43		10	1	0.02	90	0.84	1105	<1	<0.01	57	540	21	0.02	<2	2	15
RUST44		<10	<1	0.04	40	0.64	424	<1	<0.01	34	560	14	0.05	<2	2	35
RUST45		<10	<1	0.02	80	0.81	878	<1	<0.01	56	540	19	0.03	<2	2	17
RUST47		10	<1	0.02	60	0.89	958	<1	<0.01	50	470	16	0.01	<2	2	10
RUST48		10	1	0.02	20	0.80	6650	<1	<0.01	263	630	33	0.10	<2	2	12



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21

Page: 2 - C  
 Total # Pages: 2 (A - C)  
 Finalized Date: 20- AUG- 2012  
 Account: LEEGAR

CERTIFICATE OF ANALYSIS WH12183430

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
		20	0.01	10	10	1	10	2
RUST42		20	0.01	<10	<10	13	<10	80
RUST43		20	0.01	<10	<10	20	<10	130
RUST44		<20	0.01	<10	<10	14	<10	101
RUST45		20	0.01	<10	<10	19	<10	118
RUST47		20	0.01	<10	<10	21	<10	123
RUST48		<20	<0.01	<10	<10	17	<10	598



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22

Page: 2 - C  
 Total # Pages: 2 (A - F)  
 Plus Appendix Pages  
 Finalized Date: 3- OCT- 2012  
 Account: LEEGAR

CERTIFICATE OF ANALYSIS WH12215621

Sample Description	Method Analyte Units LOR	ME- ICP41 Ti %	ME- ICP41 Ti ppm	ME- ICP41 U ppm	ME- ICP41 V ppm	ME- ICP41 W ppm	ME- ICP41 Zn ppm	Au- ICP21 Au ppm	PGM- ICP24 Au ppm	PGM- ICP24 Pt ppm	PGM- ICP24 Pd ppm	Au- ICP22 Au ppm	ME- MS61 Ag ppm	ME- MS61 Al %	ME- MS61 As ppm	ME- MS61 Ba ppm
Rust 40		<0.01	<10	<10	18	<10	130	0.002								
Rust 48- Pulp								<del>0.002</del>	PULP → NSS	NSS	NSS	NSS	0.06	9.30	65.0	440
Rust 48- Reject								reject + 80 →	0.004	<0.005	0.001	0.004	<0.01	10.35	35.2	500

↑ ↑ ↑

STREAM SEDIMENT  
 Re-assay RUST 48



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23

Page: 2 - D  
 Total # Pages: 2 (A - F)  
 Plus Appendix Pages  
 Finalized Date: 3- OCT- 2012  
 Account: LEEGAR

CERTIFICATE OF ANALYSIS WH12215621

Sample Description	Method Analyte Units LOR	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	
		Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm	K %
Rust 49		0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01
Rust 48- Pulp		4.56	0.51	0.10	0.75	109.0	132.0	83	8.26	107.0	5.37	28.4	0.28	3.0	0.078	2.60
Rust 48- Reject		3.64	0.41	0.10	0.37	123.5	91.9	87	7.87	68.3	5.31	32.7	0.22	3.3	0.083	3.08

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



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24

Page: 2 - E  
 Total # Pages: 2 (A - F)  
 Plus Appendix Pages  
 Finalized Date: 3- OCT- 2012  
 Account: LEEGAR

CERTIFICATE OF ANALYSIS WH12215621

Sample Description	Method Analyte Units LOR	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	
		La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm
Rust 49		0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1
Rust 48- Pulp		47.7	134.5	0.83	5010	0.88	0.45	13.7	227	640	33.0	123.0	<0.002	0.09	1.59	17.0
Rust 48- Reject		58.9	132.0	0.91	2880	0.61	0.51	15.8	153.0	550	27.2	163.5	<0.002	0.04	1.21	19.5



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25

Page: 2 - F  
 Total # Pages: 2 (A - F)  
 Plus Appendix Pages  
 Finalized Date: 3- OCT- 2012  
 Account: LEEGAR

CERTIFICATE OF ANALYSIS WH12215621

Sample Description	Method Analyte Units LOR	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	
		Se ppm 1	Sn ppm 0.2	Sr ppm 0.2	Ta ppm 0.05	Te ppm 0.05	Th ppm 0.2	Ti % 0.005	Tl ppm 0.02	U ppm 0.1	V ppm 1	W ppm 0.1	Y ppm 0.1	Zn ppm 2	Zr ppm 0.5
Rust 49															
Rust 48- Pulp		3	2.7	117.0	1.00	<0.05	16.4	0.340	0.72	4.9	86	1.7	45.8	524	94.8
Rust 48- Reject		3	3.3	127.0	1.22	0.05	19.2	0.400	0.89	4.1	97	1.7	29.6	316	111.0

—  
Zn

**APPENDIX IV**

**CREW LOG**

## LITTLE HYLAND PROJECT – 2012

Garry Lee – Daily Log Summary

		Wages - Days	
2012 Date	ACTIVITY	Gary Lee	Helper
July 8	MOB to km. 174.6 (Tungsten Rd.) from Whitehorse	1	
July 9	Finish camp set up; stake Rubus 61 & 62 claims	1	
July 10	Staked Rubus 63, 64, 65, 66 quartz claims	1	
July 11	Cut ATV trail with chain saw around mud hole	1	
July 12	Staked Rubus 67, 68, 69, 70 quartz claims	1	
July 13	Prospect & sample area A & stake Rubus 71, 72 quartz claims	1	
July 14	Locate & flag ATV trail into high country	1	
July 15	Stake NT 1-10 quartz claims	1	
July 16	Sample (stream sediments) + stake NT 11-16 quartz claims	1	
July 17	Sample (stream seds.) + stake NT 17-21 quartz claims	1	
July 18	AM cut ATV trail with chainsaw + drive to Watson Lake	1	
July 19	Pick up supplies + record claims – return to camp	0	
July 20	Compass, chain & flag line C1 + read mag	1	
July 21	Compass, chain & flag line D1 + D2 – start soils	1	
July 22	Compass, chain & flag line 500N (area A) + soils	1	
July 23	Compass, chain & flag line 300N (area A) + soils	1	
July 24	Prospect & sample area A + soil sample area C	1	
July 25	Compass, chain & flag area E + soil & stream seds.	1	1
July 26	Stream seds. + stake Rubus 75, 76 quartz claims	1	1
July 27	Take soils & prospect area A6 + take rock samples	1	1
July 29	Soil sampled line SRUA4 + prospecting	1	
July 30	Soil sampled line NTLD1 + NTLD2	1	
July 31	Prospect & soil sample area A + take rock samples	1	1
Aug. 2	Pack up camp & DEMOB to Watson Lake	1	
Aug. 3	Record claims plus DEMOB to Whitehorse	1	
Sept. 5	MOB to Little Hyland	1	
Sept. 6	Follow up soil sampling, gridding & prospecting NTC1	1	
Sept. 7	Staked NT 22, 23, soil sample NTC3 + prospecting	1	
Sept. 8	Soil sampling SRU17, extended L300 + soil sampling	1	
Sept. 9	Soils sampling NTC1 + prospecting & rock sampling	1	
Sept. 10	DEMOB to Watson Lake then Whitehorse	1	
	Subtotal	30	4
	Minus Claims Staking (6 days)	-6	
	<b>TOTAL DAYS QUALIFYING FOR ASSESSMENT WORK</b>	<b>24</b>	<b>4</b>