2013 Geological and Geochemical Report

for the

Freegold Mountain Property

Volume I - Report

Whitehorse Mining District, Central Yukon Territory

Map sheets115I/3, 115I/6, and 115I/7

Latitude 62°18'N, Longitude 137°12'W

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Summary

Northern Freegold Resources Ltd. ("Northern Freegold") holds 100% ownership of the Freegold Mountain Project (the "Project"). The Project is located approximately 200 km north-northwest of the city of Whitehorse and 70 km northwest of the town of Carmacks within the Dawson Range. Carmacks is situated on the Klondike Highway, a paved all-weather highway running from Whitehorse to Dawson City. From Carmacks, the unpaved Freegold road, along with subsidiary gravel roads, provides access to a large portion of the Project including the Bow Creek camp, the Revenue camp, the Nucleus deposit, the Revenue deposit, the Tinta Hill deposit and numerous other prospective mineral occurrences.

In 1930 prospector P.F. Guder discovered lode gold on the western side of Freegold Mountain. During the autumn and winter of 1930-1931 prospectors rushed to the region, staking over 100 claims. Placer and surface exploration for gold continued intermittently until the 1950s when the focus of exploration in the Dawson Range shifted to porphyry copper occurrences. Since the 1960s the Freegold Mountain Property has been owned and explored by various individuals and companies resulting in a patchwork of claims. An extensive soil geochemistry survey in the late 1960s led to the initial discovery of the three currently known deposits on the Project. In 2006 the claims were consolidated for the first time under Northern Freegold Resources Ltd, who has conducted extensive exploration from 2006 through 2013.

The Project includes 1052 contiguous two-post Yukon Quartz claims and covers an area of approximately 200 square kilometres of the Whitehorse Mining District. The Project is comprised of four individual exploration properties including Tinta Hill (140 Claims), Freegold (332), Goldstar (80 claims) and Golden Revenue (325 claims) as well as 175 additional claims staked by Northern Freegold in 2009.

The Dawson Range district of west-central Yukon is known for it's numerous Cretaceous Cu-Au-Mo porphyry and Au deposits, prospects and occurrences which today hold a global bedrock resource of ~ 15 Moz Au (Allan et al, 2013). The Project lies within the Dawson Range district and contains three NI43-101 compliant resources including the Nucleus, Revenue, and Tinta Hill deposits which together represent ~ 4.9 Moz AuEq as of January 2013.

The greater Freegold Mountain area is underlain by allocthonous Paleozoic or older metasedimentary and lesser metavolcanic rocks belonging to the Yukon-Tanana Terrane. The basement metamorphic rocks are extensively intruded by at least three episodic, punctuated magmatic events ranging in age from Jurassic through to Late Cretaceous and are considered to be part of the Coast Plutonic Complex (Allan et al, 2013).

The property is transected by moderately to steeply dipping, north westerly faults which parallel the regional Tintina and Denali faults. The Project tenament is bounded by one of these major regional structures: the regionally continuous Big Creek fault to the northeast and a less prominent splay to the southwest. A complex array of anastomosing west-northwest and north-northwest secondary structures related to dextral strike-slip motion have developed within this fault system. It is currently understood that the Freegold Mountain area, more specifically the Big Creek fault system was the locus of a protracted Late Cretaceous (79-68 Ma) calc-alkaline magmatic event which is directly related to the significant metal endowment recognized on the Property (Allan et al, 2013, Bineli et al, 2010).

Several deposit models are represented within the Project tenament which include calc-alkalic porphyry gold-copper+/-silver+/-molybdenum+/-tungsten and associated telescoping mesothermal-epithermal vein and breccia systems. Copper-gold-molybdenum porphyry targets within the Freegold Project, covering a 6 km strike extent of the Big Creek fault system, include the Revenue Deposit and the Stoddart prospect. Associated deposit types of the porphyry model include skarn (Nucleus Deposit, Augusta showing) and low sulphidation to intermediate sulphidation epithermal systems and related polymetallic veins (Nucleus Deposit, Tinta Hill Deposit, Ridge prospect, Goldy prospect, Dart prospect, Melissa showing).

The 2013 exploration program was designed to evaluate select areas of the property east of the Nucleus and Revenue deposits which have previously shown significant potential to host high grade epithermal and skarn hosted gold mineralization, but have received only limited exploration in recent years. More specifically the company focused on three key areas of interest (AOI) which have historically been referred to as follows: Seymour, Discovery and Goldy-Dart.

The program consisted of historic data compilation, soil geochemical surveys, trenching, bedrock mapping, petrographic analysis and geochemical data analysis. Field work began on August 10th, 2013 and was completed on September 26th, 2013. During this time a total of 1176 soil samples, 207 rock chip samples, 28 rock grab samples, 15 C-horizon soil samples and 5 stream sediment samples were collected for geochemical analysis.

Total expenditures on the Project from the 2013 exploration program are $237,389.42.

The work program was successful in locating a significant new mineral occurrence which has been named the "Irene". Located 1.2 km north of the Stoddart prospect and 4.6 km east of the Revenue Deposit, the Irene occurrence is comprised of structurally controlled epithermal gold mineralization. Bedrock sampling confirmed gold mineralization over an area

measuring 6.5 metres true width by 80.0 metres along strike with gold assays from trench TR13-021 returning 7.11 gpt Au over 3.0 metres including 11.35 gpt Au over 1.0 metre. The zone remains open in all directions with bedrock exposure in the immediate area encumbered by extensive gravel cover. Such a new discovery highlights the potential for high-grade gold mineralization at surface, in an under-explored area of the Property and warrants follow up work.

The program was also successful in re-defining and expanding two significant multi-element geochemical anomalies which warrant follow up work. One anomaly is centred on the historic Melissa showing on the western flank of Freegold Mountain whilst the other anomaly is located north of the Goldy showing on the eastern flank of Freegold Mountain.

In some cases results from this years program did not confirm historic results in the AOI and stresses the importance of compiling and testing the validity of historic work on the property. Systematic, methodical exploration is required in order for the full potential of the Project be recognized.

Further work is recommended to advance the three deposits and numerous prospects which comprise the Freegold Mountain Project.

Future exploration work should include but is not limited to:

- Detailed compilation, digitization, QAQC and analysis of over 40+ years of existing property data ($20,000.00);
- Systematic exploration of the area encompassing the Irene including ($250,000.00 -$300,000.00):
    - Reinterpretation of geophysical data (Magnetic and IP data) with petrophysical constraints provided form physical rock properties;
    - Detailed orientation and infill geochemical surveys of the Guder Creek catchment basing (pXRF geochemical mapping) using mechanized auger and conventional auger sampling techniques;
    - Trenching high-priority geochemical anomalies along strike of the Irene showing;
    - Bedrock sampling in areas of extensive cover along strike from the Irene showing using a percussion drill;
    - Bedrock mapping and trench sampling of new exposure in placer workings;
    - Diamond drilling (minimum 500 metres) of the Irene showing ($100,000.00 - $120,000.00).

Future work on the Freegold Mountain Project outside of the Irene showing should include continued resource definition at the Nucleus, Revenue and Tinta Hill deposits. Grassroots exploration should be designed to evaluate, prioritize and advance targets outside of the core deposits including but not limited to the geochemical anomalies defined during the 2013 program in the Discovery and Goldy zones.

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INTRODUCTION

Location and Access

The Property is located within the Yukon Territory approximately 200 km north-northwest of the city of Whitehorse and 70 km northwest of the town of Carmacks (Figure 1). Carmacks is situated on the Klondike Highway, a paved all-weather highway running from Whitehorse to Dawson City. From Carmacks, the unpaved Freegold Road, along with subsidiary unpaved roads, provides access to a large portion of the Property including the Revenue camp and the Nucleus deposit. Travel on the unpaved roads is two-wheel drive except at times of spring runoff or after heavy rain. A network of four-wheel drive roads and ATV trails provides access to the main work areas on the Property.

In 2013, Northern Freegold carried out all work from the Bow Creek camp (Figure 2a) which is located immediately south of the confluence of the Bow and Seymour creeks.

The Property is located in NTS map sheets 115I/3, 115I/6, and 115I7, and is centred approximately at 62°18'N latitude and 137°12'W longitude.

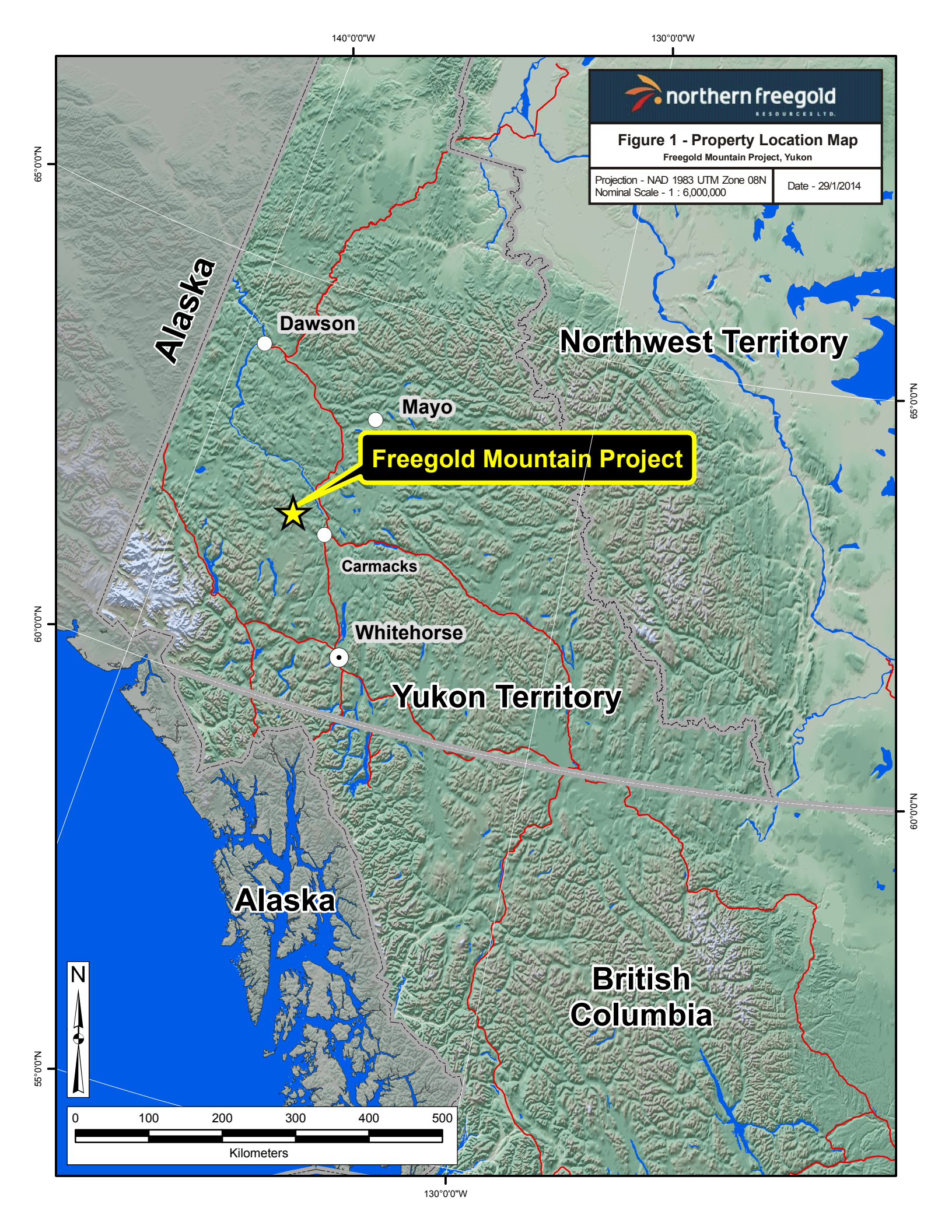
The property lies within the unglaciated Dawson Range in southwestern Yukon, which is characterized by rolling hills and mountain valleys. Outcrop is sparse except along ridgetops. Elevations range from 750 m to 1510 m above sea level. Big Creek and its tributaries Seymour Creek and Bow Creek are the main perennial streams draining the property. Water in the creeks and streams is readily available most of the year.

The Property has a northern interior climate. Winters are long and have typically low precipitation, with temperatures often reaching -30° to -40°C. Summers are variably humid with common afternoon thunderstorms. The exploration season typically extends from April to October; however it is possible to work on the property year round. Permafrost is generally found at depths of greater than 1.0 metre on south facing slopes and less than 0.1 metre on north facing slopes. A layer of white volcanic ash expelled from Mt. Bona volcano of Alaska, located 250 km west of the Project, occurs throughout most of the area as an unconsolidated bed up to a few centimetres thick, locally reaching over 1.0 metre.

Vegetation consists of alpine grass and moss, willow and black spruce. Valleys are densely vegetated with spruce, birch and cottonwood. Alder and willow form dense cover over flat areas. Large areas of the Property were burned in the summer of 2004.

Most of the higher parts of the Property are unglaciated resulting in the preservation of a surface cap of weathered material. Oxidation extends to depths of 20 m to 200 m below the present ground surface depending on local structural and lithological controls.

The property is entirely within the traditional territories of Little Salmon/Carmacks First Nation and Selkirk First Nation. Both have settled their land claims with the Yukon Territorial Government and the Federal Government.


northern freegold
RESOURCES LTD.
Figure 1 - Property Location Map
Freegold Mountain Project, Yukon
Projection - NAD 1983 UTM Zone 08N
Nominal Scale - 1 : 6,000,000
Date - 29/1/2014
140°0'0"W
130°0'0"W
65°0'0"N
60°0'0"N
55°0'0"N
Alaska
Dawson
Northwest Territory
Mayo
Freegold Mountain Project
Carmacks
Whitehorse
Yukon Territory
Alaska
British Columbia
N
0
100
200
300
400
500
Kilometers

Tenure

The Project includes 1052 contiguous two-post Yukon Quartz claims and covers an area of approximately 200 square kilometres of the Whitehorse Mining District (Figure 2a and 2b). The Project is comprised of four individual exploration properties including Tinta Hill (140 Claims), Freegold (332), Goldstar (80 claims) and Golden Revenue (GR, 325 claims) as well as 175 additional claims staked by Northern Freegold in 2009. A claims listing for the entire Freegold Mountain Property can be found in Table 1.

Table 1 - Tenure Summary for the Freegold Mountain Property

Grant Number	Expiry Date	Ownership				Exploration License
		Owner	%	Owner	%	
YD16969	28-Feb-19	NFR	100			
YC95142	28-Feb-19	NFR	100			
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YC65777	28-Feb-24	NFR	100			LQ00193
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YC65783	28-Feb-24	NFR	100			LQ00193
YC65784	28-Feb-24	NFR	100			LQ00193
15494	28-Feb-25	Eric Weinecke	51	Bill Harris	49	LQ00327
YA92761	28-Feb-25	Eric Weinecke	51	Bill Harris	49	LQ00327
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63640	28-Feb-25	Eric Weinecke	51	Bill Harris	49	LQ00327
63641	28-Feb-25	Eric Weinecke	51	Bill Harris	49	LQ00327
YC40095	28-Feb-25	NFR	100			LQ00327

YC40096	28-Feb-25	NFR	100			LQ00327
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YC54137	28-Feb-25	NFR	100			LQ00327
YC54138	28-Feb-25	NFR	100			LQ00327
15519	28-Feb-25	Eric Weinecke	51	Bill Harris	49	LQ00327
Y 80600	28-Feb-25	Eric Weinecke	51	Bill Harris	49	LQ00327
YB37988	28-Feb-25	Bill Harris	100			LQ00327
YC57844	28-Feb-25	NFR	100			LQ00193
YC57845	28-Feb-25	NFR	100			LQ00193
90465	28-Feb-25	Eric Weinecke	51	Bill Harris	49	LQ00327
90466	28-Feb-25	Eric Weinecke	51	Bill Harris	49	LQ00327

90467	28-Feb-25	Eric Weinecke	51	Bill Harris	49	LQ00327
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91056	28-Feb-25	Eric Weinecke	51	Bill Harris	49	LQ00327
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15505	28-Feb-25	Eric Weinecke	51	Bill Harris	49	LQ00327
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YC37052	28-Feb-25	NFR	100			
YC37054	28-Feb-25	NFR	100			
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15549	28-Feb-25	Eric Weinecke	51	Bill Harris	49	LQ00327
73464	28-Feb-25	Eric Weinecke	51	Bill Harris	49	LQ00327
73465	28-Feb-25	Eric Weinecke	51	Bill Harris	49	LQ00327
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YC40093	28-Feb-25	NFR	100			LQ00327
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YA92084	28-Feb-25	Eric Weinecke	51	Bill Harris	49	LQ00327
YA92085	28-Feb-25	Eric Weinecke	51	Bill Harris	49	LQ00327
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YA92087	28-Feb-25	Eric Weinecke	51	Bill Harris	49	LQ00327

YA92088	28-Feb-25	Eric Weinecke	51	Bill Harris	49	LQ00327
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YA92090	28-Feb-25	Eric Weinecke	51	Bill Harris	49	LQ00327
YA92091	28-Feb-25	Eric Weinecke	51	Bill Harris	49	LQ00327
YA92092	28-Feb-25	Eric Weinecke	51	Bill Harris	49	LQ00327
YA92093	28-Feb-25	Eric Weinecke	51	Bill Harris	49	LQ00327
YA92094	28-Feb-25	Eric Weinecke	51	Bill Harris	49	LQ00327
YA92095	28-Feb-25	Eric Weinecke	51	Bill Harris	49	LQ00327
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YA92749	28-Feb-25	Eric Weinecke	51	Bill Harris	49	LQ00327
YA92750	28-Feb-25	Eric Weinecke	51	Bill Harris	49	LQ00327
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60421	28-Feb-25	Eric Weinecke	51	Bill Harris	49	LQ00327
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YA92770	28-Feb-27	Eric Weinecke	51	Bill Harris	49	LQ00327
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YC54146	28-Feb-28	NFR	100			LQ00114
YC54147	28-Feb-28	NFR	100			LQ00114
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YC19660	28-Feb-28	NFR	100			LQ00327
YC19661	28-Feb-28	NFR	100			LQ00327
YC19662	28-Feb-28	NFR	100			LQ00327
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YC09222	28-Feb-30	NFR	100			LQ00113
YC09223	28-Feb-30	NFR	100			LQ00113
YC09224	28-Feb-30	NFR	100			LQ00113
YC09225	28-Feb-30	NFR	100			LQ00113
YC09226	28-Feb-30	NFR	100			LQ00113
YC09227	28-Feb-30	NFR	100			LQ00113
YC09228	28-Feb-30	NFR	100			LQ00113
YC09229	28-Feb-30	NFR	100			LQ00113
YC09230	28-Feb-30	NFR	100			LQ00113
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YC09232	28-Feb-30	NFR	100			LQ00113
YC09233	28-Feb-30	NFR	100			LQ00113
YC09234	28-Feb-30	NFR	100			LQ00113
YC09235	28-Feb-30	NFR	100			LQ00113
YC09236	28-Feb-30	NFR	100			LQ00113
YC09237	28-Feb-30	NFR	100			LQ00113
YC09238	28-Feb-30	NFR	100			LQ00113
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YC19654	28-Feb-30	NFR	100			LQ00193
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Y 26372	28-Feb-32	NFR	100			LQ00114
68060	28-Feb-32	NFR	100			LQ00114
68061	28-Feb-32	NFR	100			LQ00114
74488	28-Feb-32	NFR	100			LQ00114
74489	28-Feb-32	NFR	100			LQ00114
75323	28-Feb-32	NFR	100			LQ00114
Y 79564	28-Feb-32	NFR	100			LQ00114
Y 79565	28-Feb-32	NFR	100			LQ00114

Y 79566	28-Feb-32	NFR	100			LQ00114
Y 79567	28-Feb-32	NFR	100			LQ00114
Y 79568	28-Feb-32	NFR	100			LQ00114
Y 80439	28-Feb-32	NFR	100			LQ00114
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YA95208	28-Feb-32	NFR	100			LQ00114
YA95209	28-Feb-32	NFR	100			LQ00114
YA95210	28-Feb-32	NFR	100			LQ00114
YA95211	28-Feb-32	NFR	100			LQ00114
YA95214	28-Feb-32	NFR	100			LQ00114
YA95215	28-Feb-32	NFR	100			LQ00114
YA95216	28-Feb-32	NFR	100			LQ00114
YA95217	28-Feb-32	NFR	100			LQ00114
YA95218	28-Feb-32	NFR	100			LQ00114
YA95219	28-Feb-32	NFR	100			LQ00114
YA95220	28-Feb-32	NFR	100			LQ00114
YA95212	28-Feb-32	NFR	100			LQ00114
YA95221	28-Feb-32	NFR	100			LQ00114
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YA95223	28-Feb-32	NFR	100			LQ00114
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Y 21009	28-Feb-32	NFR	100			LQ00114
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Y 21011	28-Feb-32	NFR	100			LQ00114
Y 21014	28-Feb-32	NFR	100			LQ00114
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Y 25959	28-Feb-32	NFR	100			LQ00114
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Y 25962	28-Feb-32	NFR	100			LQ00114
YA95213	28-Feb-32	NFR	100			LQ00114
Y 26361	28-Feb-32	NFR	100			LQ00114
Y 26362	28-Feb-32	NFR	100			LQ00114

Y 26365	28-Feb-32	NFR	100			LQ00114
Y 26366	28-Feb-32	NFR	100			LQ00114
Y 26404	28-Feb-32	NFR	100			LQ00114
Y 26405	28-Feb-32	NFR	100			LQ00114
Y 24017	28-Feb-32	NFR	100			LQ00114
Y 24018	28-Feb-32	NFR	100			LQ00114
Y 24019	28-Feb-32	NFR	100			LQ00114
Y 24020	28-Feb-32	NFR	100			LQ00114
Y 24025	28-Feb-32	NFR	100			LQ00114
Y 24026	28-Feb-32	NFR	100			LQ00114
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67187	28-Feb-32	NFR	100			LQ00114
Y 21270	28-Feb-32	NFR	100			LQ00114
Y 21272	28-Feb-32	NFR	100			LQ00114
YA97441	28-Feb-32	NFR	100			LQ00114
YA97442	28-Feb-32	NFR	100			LQ00114
YA97443	28-Feb-32	NFR	100			LQ00114

On March 15th, 2006, Northern Freegold entered into an option agreement with ATAC Resources Ltd to earn a 50% interest in the GR Property, which included the Nucleus, Revenue, Nitro and Sey properties. On August 22nd, 2007, this agreement was canceled and a new agreement to acquire a 100% interest in the property was entered into with ATAC. Under the terms of the new agreement Northern Freegold was required, in addition to the $35,000 cash payments and issuance of 400,000 shares already made per the previous agreement, to:

(1) make aggregate cash payments of $150,000 to the optionor as follows:

(i) $20,000 on execution of the agreement (paid);

(ii) $30,000 on or before May 1, 2008 (paid);

(iii) $100,000 on or before May 1, 2009 (paid);

(2) issue and deliver an aggregate of 1,900,000 fully paid and non-assessable common shares of the Company to the optionor as follows:

(i) 300,000 shares on execution of the agreement (issued);

(ii) 600,000 shares on or before May 1, 2008 (issued);

(iii) 1,000,000 shares on or before May 1, 2009 (issued);

ATAC will retain a 1% NSR on the GR Property. An underlying 2% NSR on the Revenue Zone (part of the property) exists and a 1.5% NSR can be purchased for $600,000. An underlying 2% NSR on the Nucleus Zone has been purchased for

200,000 shares (issued).

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Figure 2a - Tenure Map

Freegold Mountain Project, Yukon

Projection - NAD 1983 UTM Zone 08N Nominal Scale - 1 : 100 000	Date - 08/01/2014

370000 380000 390000 400000

6920000 6910000 6900000

Revenue Camp

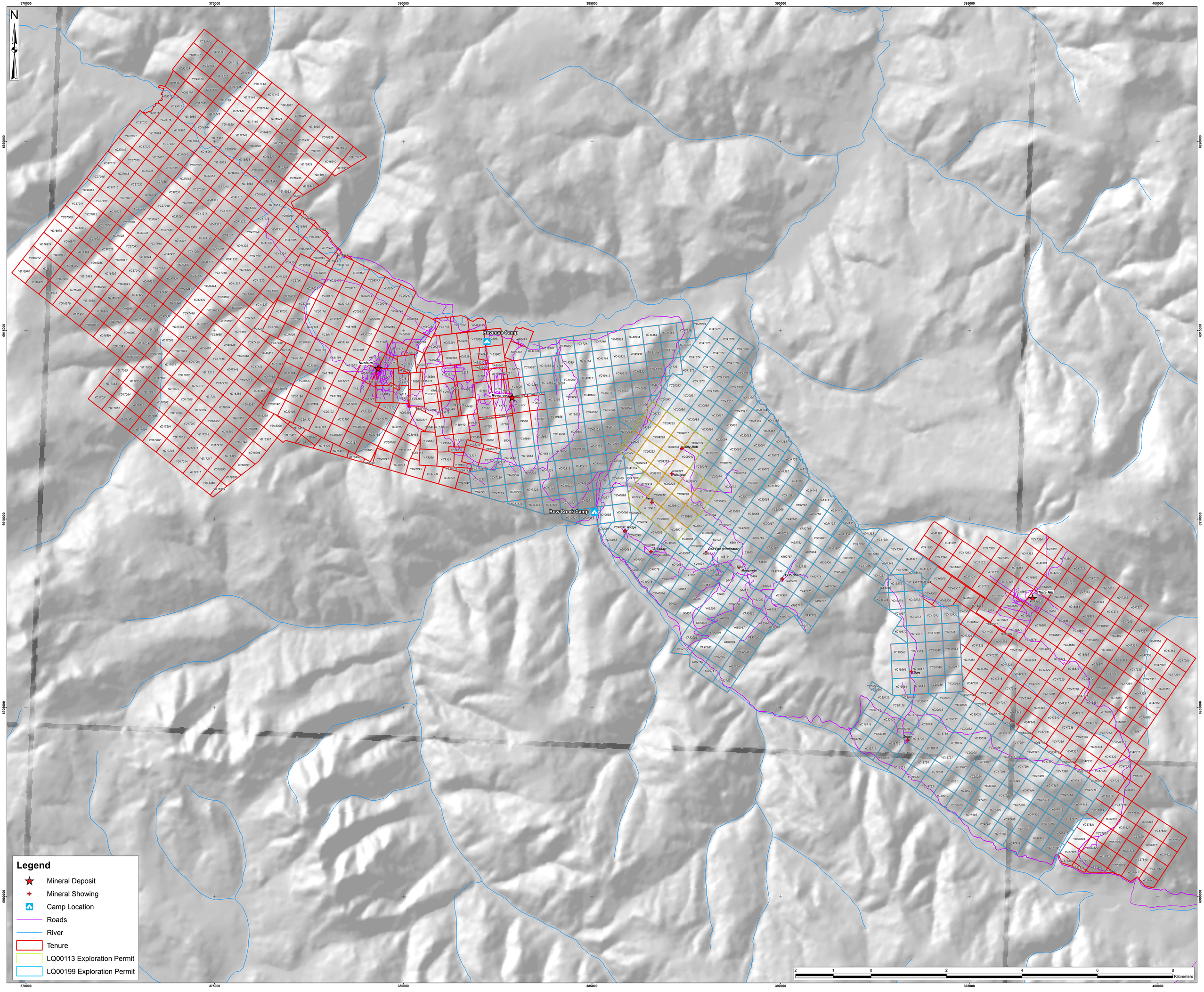
Bow Creek Camp

Legend

- Mineral Showing
- Contour Line
- Road
- Stream
- Tenure Boundary
- LQ00327 Exploration Permit
- LQ00113 Exploration Permit

0 500 1,000 2,000 3,000 4,000 5,000 Meters

N


370000
375000
380000
385000
390000
395000
400000
6920000
6915000
6910000
6905000
N
Revenue Camp
Nucleus
Revenue
Bow Creek Camp
Melissa
Dilly-Bob
Irene
Ridge
Stoddart
Red Fox (Vindicator)
Margarete
1935 Shaft
Tinta Hill
Dart
Goldy
Legend
Mineral Deposit
Mineral Showing
Camp Location
Roads
River
Tenure
LQ00113 Exploration Permit
LQ00199 Exploration Permit
2 1 0 2 4 6 8
Kilometers

History and Previous Work

In 1930 prospector P.F. Guder discovered lode gold on the west side of Freegold Mountain. During the autumn and winter of 1930-1931 prospectors rushed to the region, staking over 100 claims. Placer and surface exploration for gold continued intermittently until the 1950s when the focus of exploration in the Dawson Range shifted to porphyry copper occurrences. Since the 1960s the Property has been owned and explored by various individuals and companies resulting in a patchwork of claims. An extensive soil geochemistry survey in the late 1960's led to the discovery of the Nucleus Deposit ("Nucleus"). In 2006 the claims were consolidated for the first time under Northern Freegold Resources Ltd, who continues to conduct extensive exploration of the property.

The work history of the Freegold Mountain property has been compiled by Pautler (2006) and Fonseca and Giroux (2009) and was revised and edited by Dodd, Dyck and Miller (2009) and again by Armitage et al. (2012). A detailed history of exploration on the Property (with references) can be found in the historic reports described above.

GEOLOGY

Regional Geology

(After Armitage et al. 2012)

The Freegold Mountain Project is nested within the Dawson Range Cu-Au-Mo district, of the Tintina Gold Province, which spans from western Alaska to the Yukon-Northwest Territory border and hosts significant intrusion-related gold systems (Thompson et al. 1999; Lang and Baker 2001; Maloof et al. 2001; Hart, 2007; Bineli et al. 2010). The northwest trending Dawson Range Cu-Au-Mo district, more specifically the Freegold Mountain area hosts numerous mineral occurrences related to Middle through Late Cretaceous magmatic activity including the Revenue Deposit (Cu-Au+/-Mo+/-W porphyry) and the Nucleus Deposit (skarn and epithermal precious metal mineralization) (Bineli et al. 2010).

The Dawson Range is a northwest-trending geographical region underlain predominantly by Early Jurassic to Late Cretaceous plutons, which extends over 250 km from Carmacks to the Alaska border. The region is located on the boundary of Stikine and Yukon-Tanana terranes (Figure 3). The Yukon-Tanana Terrane is a composite terrane of metamorphic assemblages and batholiths thought to represent an island arc and associated miogeoclinal sediments that were deposited on the North American continental margin and accreted during Late Triassic to Early Jurassic times. Regional metamorphic grade varies from greenschist to lower amphibolite facies (Payne et al. 1987).

Yukon-Tanana Terrane is comprised of Early Mississippian meta-plutonic rocks of the Simpson River Suite and Mississippian and older undifferentiated metasedimentary and metavolcanic rocks. Previous names for Yukon-Tanana rocks include Nasina Schist, Pelly Gneiss, Yukon Crystalline and Cataclastic Terrane, Selwyn Gneiss and Yukon Group.

Stikine rocks are represented by the Early Jurassic Granite Mountain Batholith, comprised of lineated rocks of quartz diorite and granodiorite to quartz monzonite composition that intrude the Yukon-Tanana Terrane. Younger unfoliated Cretaceous granitoids from the Middle Cretaceous Dawson Range Batholith intrude the above units along major northwest trending structures.

The youngest rocks in the region are volcanic and associated shallow intrusions of the Mt. Nansen, Prospector Mountain or Carmacks Group suites, all of Middle to Late Cretaceous age and are visually difficult to distinguish from each other. The Mt. Nansen rocks are likely co-magmatic with the Dawson Range Batholith and are dated at 105-100 Ma. Late Cretaceous plutons in the Dawson Range are thought to have been derived through subduction processes and melt generation within the mantle, whereas Middle Cretaceous intrusions were generated through partial melting of the Yukon Tanana Terrane basement complex (Selby et al. 1999).

The younger Late Cretaceous event (79-68 Ma) was a regional scale hydrothermal event that formed precious and base metal deposits in all older lithologies (Allan et al, 2013). A capping of volcanic flows covered much of the area, trapping heat underneath and producing large scale hydrothermal fluid flow. Mineral deposits and large areas of alteration were produced. The Late Cretaceous magmatic event is represented by both the Carmacks Group volcanics and the Prospector Mountain Suite volcanics.

The main structural features in the region are moderately to steeply dipping north westerly shear and fault zones with a right lateral sense, parallel to the regional Tintina and Denali faults. The major structural feature in the Project area area is the northwest trending Big Creek fault zone and is currently understood to be the locus of numerous porphyry Cu-Au-Mo mineral occurrences, and both stratigraphically and structurally hosted gold deposits, as well as associated placer gold across the Freegold Mountain area (Allan et al, 2013).

Figure 3 - Yukon Terrane Map

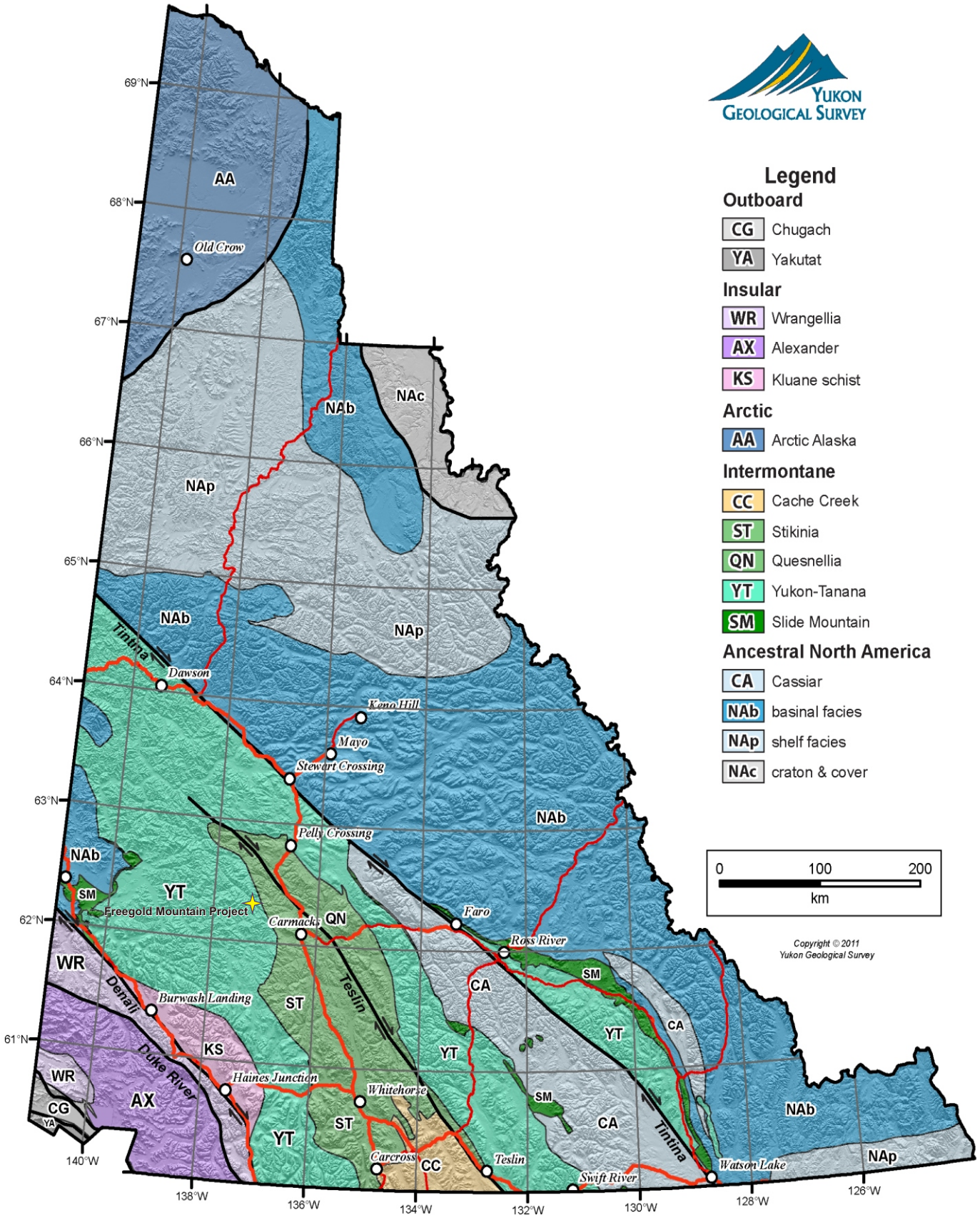


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Figure 4 - Regional Geology (After Allan et al, 2013)

Freegold Mountain Project, Yukon

Projection - NAD 1983 UTM Zone 08N
Nominal Scale - 1 : 200,000

Date - 20/1/2014

350000

400000

6950000

6900000

N

HOOCHEKOO FAULT

TATCHUN FAULT

Minto

Mica Creek

Big Creek Fault

Big Creek

Nucleus

Revenue

Irene

Stoddart

Margarete

Tinta Hill

Dart

Goldy

Klaza River

Rowlinson Creek

Carmacks

0 5 10 15 20 25 Kilometers

Geology (After Allan et al, 2013)

- Uncosolidated Neogene Sediments
- Nisling Range Plutonic Suite
- Prospector Mountain Plutonic Suite
- Whitehorse Plutonic Suite
- Aishihik Plutonic Suite
- Long Lake Plutonic Suite
- Taylor Mountain Plutonic Suite
- Selkirk Volcanics
- Skukum Volcanics
- Carmacks Group
- Windy Table Group
- Mount Nansen Volcanics
- Nordenskiold Formation
- Povoas Formation
- Semenof Formation
- Dawson-Clinton Creek-Anvil Association
- Windy Group
- Sulphur Creek Plutonic Suite
- Reid Lakes Volcanics
- Klondike Schist
- Devonian to Mississippian amphibolite schist and gneiss
- Paleozoic Ultramafics
- Simpson Range Plutonic Suite
- Ross Volcanics
- Undivided metamorphic rocks
- Tantalus Formation
- Laberge Group
- Aksala Formation
- Aksala Limestone
- Nasina Assemblage
- Nisling-Snowcap Assemblage
- Indian River Formation

Base Data

- Settlements
- Mine(s)
- Mineral Showing
- Mineral Deposit
- Lake
- NFR Tenure
- Primary Highway
- Secondary Highway
- Road
- Historical Road
- Resource Road/Trail
- Unknown Road
- River, Stream

Structure

- Fault, mapped (normal, strike-slip, unknown)
- Fault, inferred (normal, strike-slip, unknown)
- Thrust Fault, mapped
- Thrust Fault, inferred

Property Geology

(after Armitage et al., 2012)

Property geology has been compiled from over 70 years of data collected through drilling, field mapping, geophysics and geochemistry.

The Property lies within a belt of Paleozoic or older metasedimentary and lesser metavolcanic rocks belonging to the Yukon-Tanana Terrane (Figure 3). The basement metamorphic suite represents a diverse grouping of lithologies including banded quartz-feldspar-mica schists and gneiss, chlorite schist, amphibolite, grey marble, skarn, mylonite and quartzites. All rock types exhibit a penetrative foliation oriented northwest and dipping steeply to the northeast.

The basement metamorphic rocks of the Yukon-Tanana Terrane are extensively intruded by igneous rocks of least three different ages (Bineli et al, 2010). These include:

(I) Early Jurassic Aishihik and Long Lakes suites (Johnston 1995), comprising the Big Creek Syenite (Tempelman-Kluit, 1984) (orthoclase-hornblende porphyritic syenite, plagioclase-hornblende monzonite, and hornblendite), and the Granite Mountain Batholith (Tempelman-Kluit, 1984), composed of foliated coarse-grained hornblende-biotite granodiorite and leucogranodiorite;

(II) Middle Cretaceous Whitehorse Plutonic Suite (Gordey and Makepeace, 2000), including the Dawson Range Batholith (Tempelman-Kluit, 1984) (hornblende-biotite-quartz diorite, hornblende-biotite diorite, and biotite-hornblende granodiorite), the Casino granodiorite (Gordey and Makepeace, 2000), and the Coffee Creek Granite (Carlson, 1987) (ranging in composition from granite to quartz monzonite);

(III) Late Cretaceous Carmacks Group; Late Cretaceous Prospector Mountain Suite (Johnston, 1995), comprising the Casino Plutonic Suite (Johnston, 1995) (leucocratic granite, quartz monzonite, and alaskite with associated aplite phases), the Bow Creek Granite (Carlson, 1987) (biotite granite and related quartz feldspar porphyry dykes), and the Seymour Creek Stock (McCausland et al., 2001) (bioite-hornblende granodiorite to quartz monzonite).

Late Cretaceous igneous rocks are observed as conspicuous light grey-buff-beige to greenish weathering quartz-feldspar porphyry dykes which range in composition from trachyte-dacite-rhyolite and lesser andesite. Aphanitic feldspar is commonly observed as a white-buff-beige groundmass which can host quartz and feldspar phenocrysts up to several mm in diameter. At the Revenue Deposit, the intrusive breccia body and aplite dykes have been dated at 78-75 Ma and are interpreted to represent the Carmacks Group (Allan et al, 2013). Geochemical studies conducted by Bineli et al, 2010 indicate that Late Cretaceous dykes and plutons on the Freegold Mountain property are K-rich (up to 7.75 wt % K_2O) and plot within the high-K calc-alkaline series (SiO_2 vs. K_2O). It is currently understood that the Freegold Mountain area, more specifically the Big Creek fault system was the locus of a protracted Late Cretaceous (79-68 Ma) calc-alkaline magmatic event which is directly related to the significant metal endowment recognized on the property (Allan et al, 2013, Bineli et al, 2010).

Alteration

(after Armitage et al, 2013)

Alteration assemblages recognized on the Property include:

1) sericitic (pseudomorphic white mica after feldspars and chlorite-pyrite after mafic grains);
2) phyllic (texture-destructive muscovite replacing feldspars and mafics);
3) intermediate argillic (kaolinite and lesser smectite and interlayer clays replacing feldspars);
4) potassic (orthoclase overgrowths over strongly white mica-clay altered plagioclase, and adularia-muscovite along veinlet envelopes);
5) propylitic (epidote, zoisite, clinozoisite, chlorite, carbonate, albite).

Contact metamorphic alteration zones are common along microgranite plug contacts, and produces greisenization of schists. The wall rock and breccia associated with porphyry style mineralization are locally affected by early phase potassic alteration (secondary biotite) and quartz-sericite alteration.

Mineralization

Mineralization on the property is directly associated with Middle Cretaceous and Late Cretaceous magmatic rocks and related hydrothermal systems. The younger Late Cretaceous event (79-68 Ma) is genetically associated with the formation

of the Nucleus and Revenue deposits, the Stoddart prospect and presumably many of the numerous mineral occurrences observed across the property (Allan et al, 2013, Bineli, 2011).

Several deposit models are represented within the Project tenament which include calc-alkalic porphyry gold-copper+/-silver+/-molybdenum+/-tungsten and associated telescoping mesothermal-epithermal vein and breccia systems. Copper-gold-molybdenum porphyry targets within the Freegold Project, covering at present a 6 km strike extent of the Big Creek fault system, include the Revenue Deposit and the Stoddart prospect. Associated deposit types of the porphyry model include skarn (Nucleus Deposit and the Augusta showings) and low sulphidation to intermediate sulphidation epithermal systems and related polymetallic veins (Nucleus Deposit, Tinta Hill Deposit, Goldy prospect and the Irene showing).

The following text aims to provide a general overview of the major styles of mineralization observed but by no means is an exhaustive overview of the numerous documented mineral occurrences across the property.

The Revenue Deposit and Stoddart prospect are characterized by mineralization which occurs as porphyry style veins, stockworks and disseminated sulphides hosted in granodiorite and porphyry breccia systems (ie: Revenue tuffisite). Economic minerals include gold, copper (predominantly chalcopyrite) and silver with lesser molybdenum and tungsten (sheelite). More specifically, Revenue mineralization is observed as clots of pyrite, chalcopyrite and molybdenite within the matrix of the Revenue breccia. Chalcopyrite-pyrite+/-quartz veinlets also cut the matrix and clasts of the Revenue breccia. Later quartz-pyrite+/-marcasite-pyrrhotite-chalcopyrite-arsenopyrite-gold veins and breccia cavity replacement and/or fill occur. Whitin the granodiorite unit adjacent to the Revenue breccia, early magnetite+/-pyrite-chalcopyrite veinlets are cross cut by quartz-molybdenite-chalcopyrite-pyrite+/-pyrrhotite-scheelite-powellite-calcite veins (Wrighton, 2013).

The Nucleus Deposit is a telescoping porphyry-epithermal system where different hydrothermal events, both mineralizing and not, are overprinting one another (Bineli et al, 2010). Mineralization is present as veinlets, disseminations, and zones of semi-massive skarn-style sulphide, and is characterized by quartz-pyrite-chalcopyrite-carbonate ± marcasite-pyrrhotite-arsenopyrite-galena-Bi-Te-(S)-gold mineral assemblages (Wrighton, 2013). Petrographic work indicates that massive sulphide-veining was the earliest of the mineralizing events, followed by the pyrrhotite-rich, semi-massive to massive sulphide horizons, with the latest mineralization being associated with the quartz veining and breccias (Colombo 2009).

The Goldstar (Margarete, Discovery, Augusta) is a grouping of historic showings where mineralization typically occurs as native gold within semi-massive magnetite-epidote-diopside-garnet-calcite skarn horizons within Yukon-Tanana Terrane metasediments (Roberts, 1974).

The Tinta Hill Deposit is characterized by epithermal polymetallic shear zone hosted mineralization typically occurring as sulphide-rich veins containing sphalerite, galena,pyrite, silver and sulphosalt (tetrahedrite-tennantite) minerals, chalcopyrite, arsenopyrite and stibnite, in a carbonate and quartz gangue ± specular hematite, hematite, barite and fluorite. Silver minerals often occur as inclusions in galena and native gold and electrum occurs in some deposits. Gold grades are generally low given the amount of sulphides present. Some veins contain more chalcopyrite and gold at depth (Lefebure and Hõy, 1996).

The Goldy prospect is characterized by epithermal vein and breccia hosted mineralization. Dark grey siliceous veins and/ or breccias which display multiple episodes of brecciation and veining/healing textures generally return the highest gold grades. Mineralization is characterized by blue-grey chalcedony-arsenopyrite+/-pyrite within vein and breccia systems and is observed as fine grained pyrite-arsenopyrite+/-gold replacement of mafic minerals within igneous rocks (Miller, 2008).

The Irene showing is a new gold discovery and is characterized by epithermal mineralization typically occurring as sulphide rich veinlets, veins and breccias containing gold, pyrite, arsenopyrite, stibnite and rare sphalerite, in a carbonate (dolomite+/-calcite) – quartz gangue.

Structural Geology

The Project tenament is bound by two major structures: The regionally continuous, prominent northwest-trending topographic and aeromagnetic Big Creek North and the lesser Big Creek South Fault Zones parallel the regional Tintina and Denali Faults (Bineli et al, 2011). Between these fault zones a complex array of anastomosing west-northwest and north to northwest secondary structures related to dextral strike-slip motion have developed.

Allan et al, 2013 suggest that the protracted Late Cretaceous magmatic event responsible for the significant deposition of both precious and base metals in the Freegold Mountain area was related to localized extension along the Big Creek fault system within a transtensional pull-apart basin type setting. Furthermore a series of parallel west-northwest trending, moderately northeast dipping structures played an integral role in focusing the emplacement of subaerial volcanic rocks and related porphyry and epithermal mineralization (Allan et al, 2013). These structural features are manifested as well developed foliation, faults, and fractures which trend west-northwest to northwest and dip steeply to the north and northeast (Refer to Appendix 6.3 for rose diagram plots displaying the generalized strike of these features). Mineralization at the Nucleus, Revenue, and Tinta Deposits as well as the Margarete and Irene occurrences are primarily controlled by these two

sets of secondary structures. For example the mineralized vein structure at the Irene showing trends approximately 315° and the main shear zone hosting the Tinta Hill Deposit trends approximately 335°. The past producing G3 Vein located on the adjacent La Forma property is an exception to this trend and represents a different structural domain hosting mineralization. The La Forma epithermal gold deposit is hosted within the G3 shear zone trending 205°/80° (Right Hand Rule), and has been traced over a strike length of 425 metres (Adamson, 1982).

Structures oriented northeast appear to be the latest event in the Freegold Mountain region, and in some cases are post mineralization. All mineralized zones are cross-cut by late brittle fault zones trending west northwest, northwest, and northeast. The structural features described above are easily observed in the composite orthophoto of the property, and control all major drainages and lineaments on the property.

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Figure 5a - Property Geology Map *Refer to references for complete citation

Freegold Mountain Project, Yukon

Projection - NAD 1983 UTM Zone 08N
Nominal Scale - 1 : 60,000

Date - 20/1/2014

370000 375000 380000 385000 390000 395000 400000

6920000 6915000 6910000 6905000 6900000

N

Nucleus
Revenue
Jilly-Bob
Melissa
Irene
Ridge
Stoddart
Red Fox (Vindicator)
Margarete
1935 Shaft
Tinta Hill
Dart
Goldy

Property Geology Compilation*

- Alkali Leucogranite (ALGR)
- Andesite (AND)
- Aplite (APL)
- Bow Creek Granite (BCG)
- cg Porphyrytic Granite (CPGR)
- Diorite (DIO)
- Dyke (DYK)
- Gneiss (GNE)
- Granite (GRA)
- Granodiorite (GRD)
- Hornblende Monzonite (HMON)
- K-Monzonite (KMON)
- Leucogranite (LGR)
- Microgranite (MGR)
- mg Porphyritic Granite (MPGR)
- Quartz-Feldspar Porphyry (QFP)
- Quartz Monzonite (QMO)
- Metasediments (SCH)
- Shear Corridor (SHE)
- Syenite (SYE)
- Tuffisite (TUF)
- Undifferentiated Granite (UGRA)

Legend

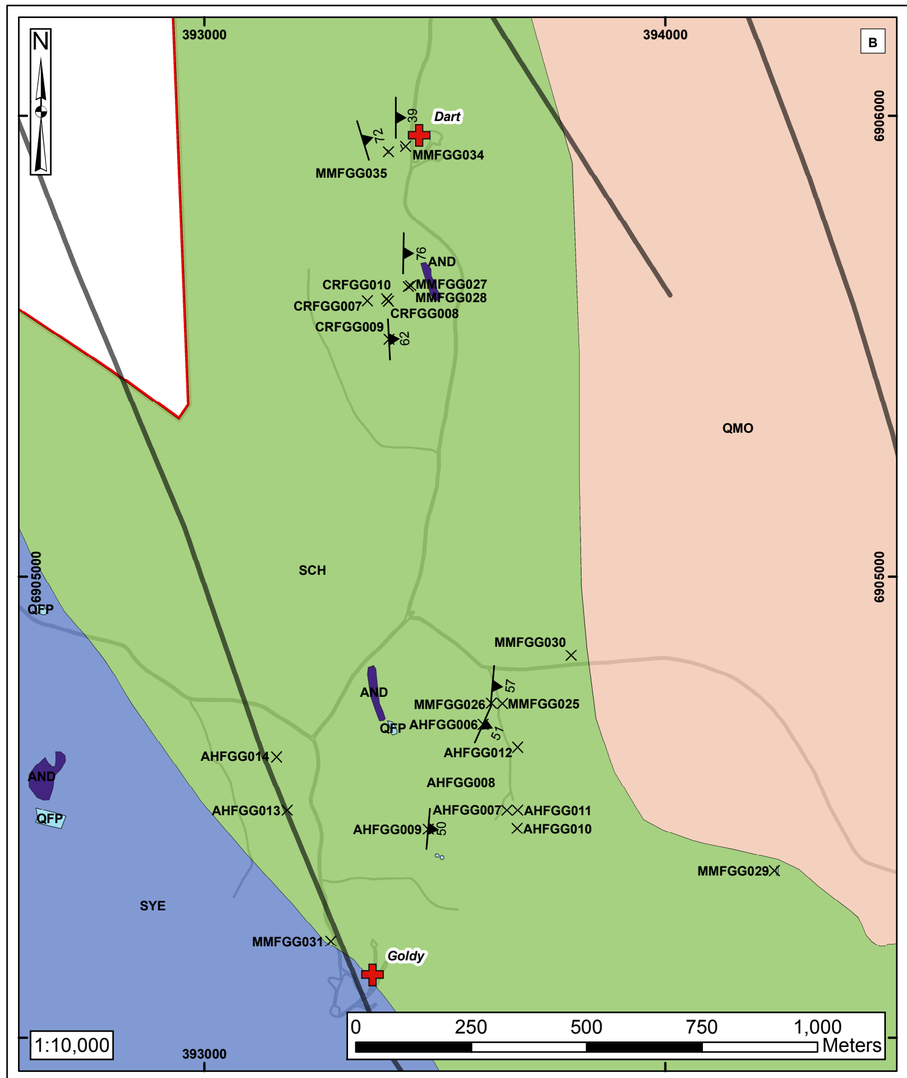
- Mineral Deposit
- Mineral Showing
- Inferred Secondary Structures
- Inferred Regional Structures
- Tenure

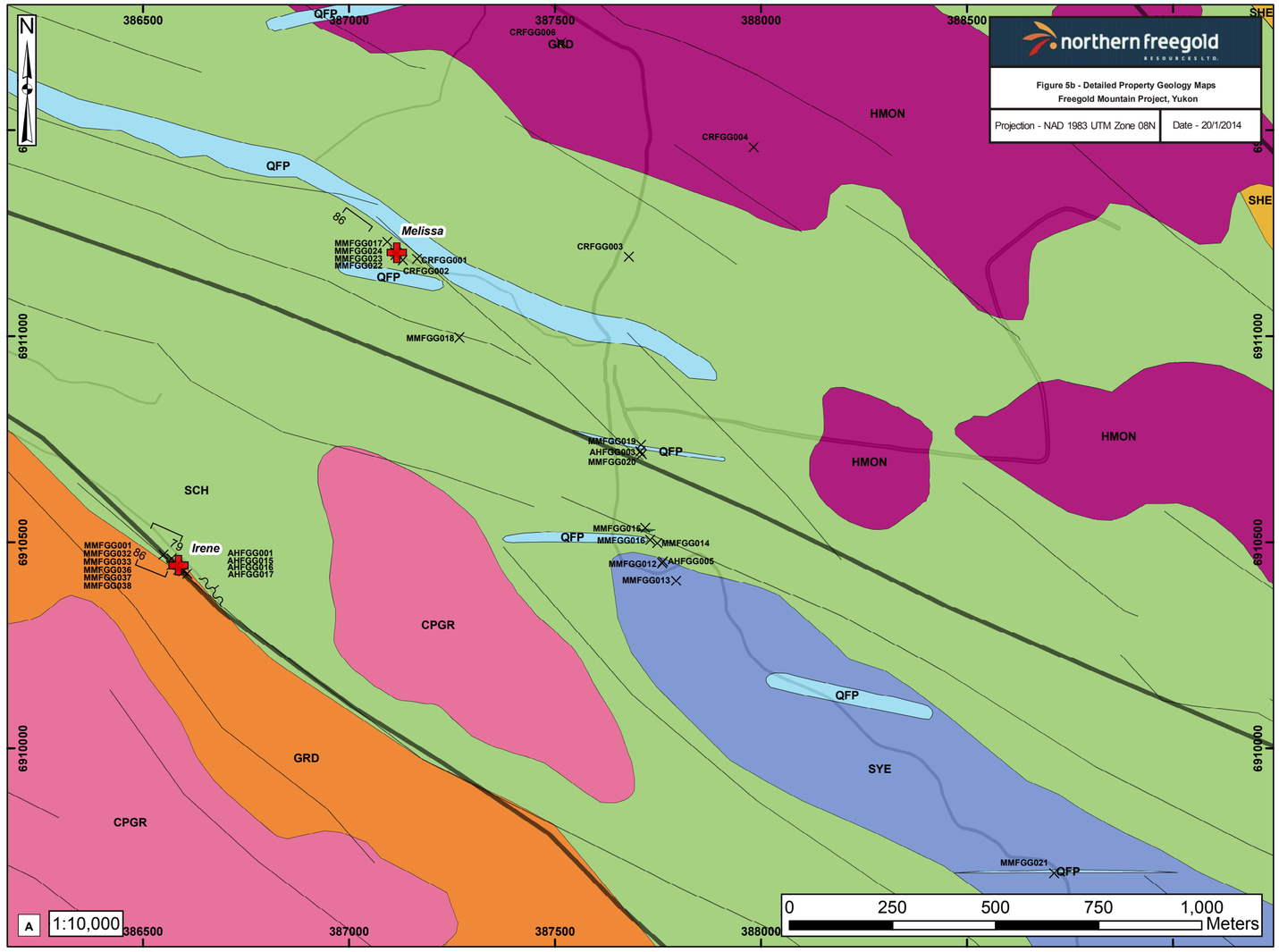
0 2 4 6 8 10 Kilometers

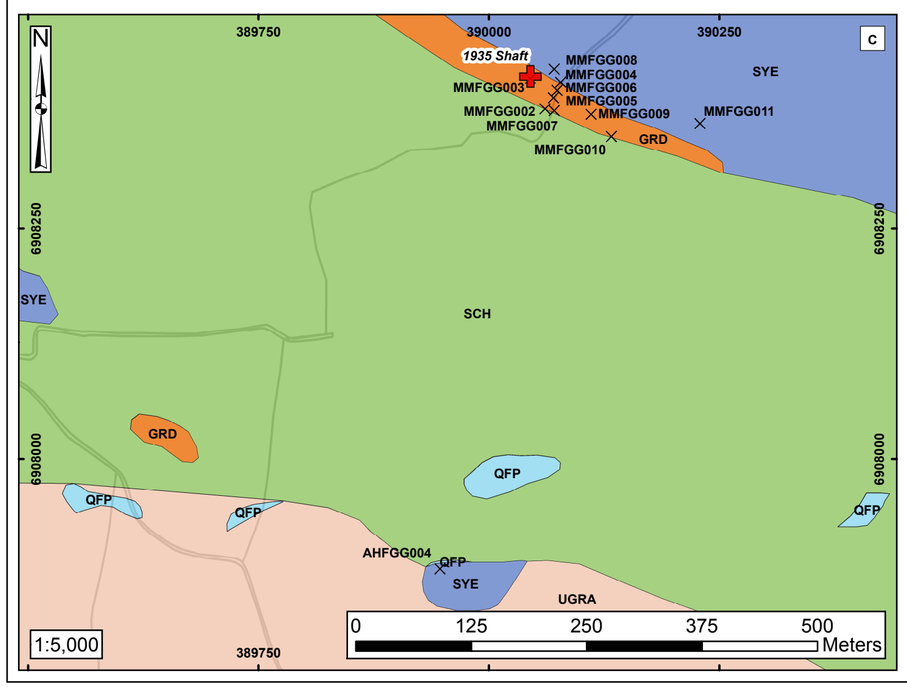
northern freegold RESOURCES LTD.

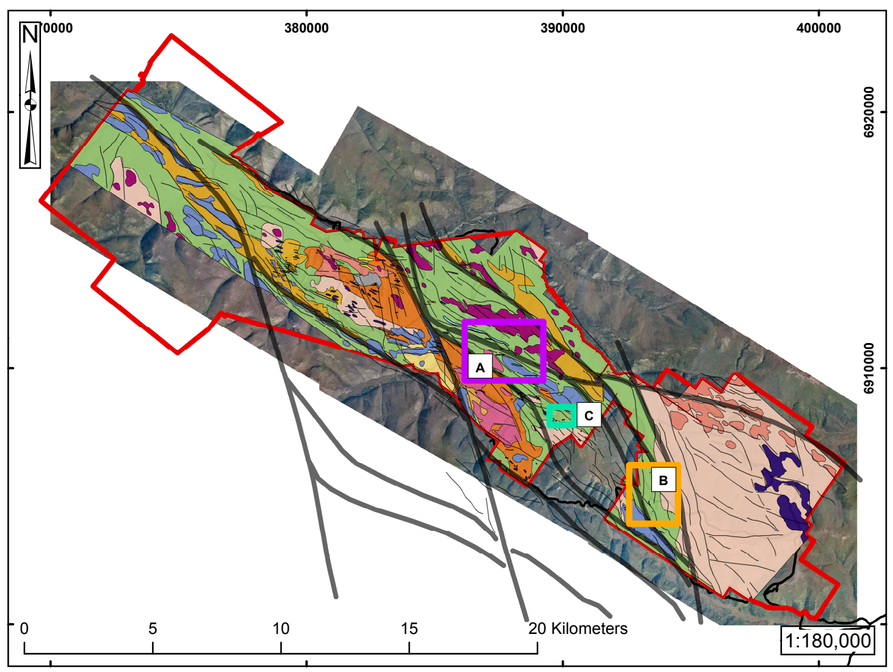
Figure 5b - Detailed Property Geology Maps
Freegold Mountain Project, Yukon

Projection - NAD 1983 UTM Zone 08N | Date - 20/1/2014









Legend

- Mineral Showing
- 2013 Geologic Station (Outcrop)
- Tenure
- Roads

Structure

- cleavage
- foliation (dominant)
- fracture
- joint
- shear plane
- Inferred Secondary Structures
- Inferred Regional Structures

Property Geology Compilation *

- Alkali Leucogranite (ALGR)
- Andesite (AND)
- Aplite (APL)
- Bow Creek Granite (BCG)
- cg Porphyrytic Granite (CPGR)
- Diorite (DIO)
- Dyke (DYK)
- Gneiss (GNE)
- Granite (GRA)
- Granodiorite (GRD)
- Hornblende Monzonite (HMON)
- K-Monzonite (KMON)
- Leucogranite (LGR)
- Microgranite (MGR)
- mg Porphyritic Granite (MPGR)
- Quartz-Feldspar Porphyry (QFP)
- Quartz Monzonite (QMO)
- Metasediments (SCH)
- Shear Corridor (SHE)
- Syenite (SYE)
- Tuffisite (TUF)
- Undifferentiated Granite (UGRA)

2013 Exploration Program

The 2013 exploration program consisted of 24 field days with a crew ranging in size from two to seven persons. Field activities were based out of the Bow Creek camp (Nad 83 Zone 8N E 385065, N 6910190).

The goals of the 2013 exploration program were as follows:

- To compile and analyze historic surface geochemical data for all zones within the Freegold Mountain tenement to delineate anomalous zones of interest outside of the core NI43-101 deposits;
- To assess the potential for both low grade and "bonanza grade" epithermal Au-Ag mineralization on Freegold Mountain through geochemical surveys and mechanized/hand trenching;
- To determine if a common structural trend controlling gold mineralization is shared across the Freegold Mountain Property;
- To ground truth historic showings and assess their potential for high-grade Au-Ag mineralization.

Project Specifics:

- 28.6 line km of geochemical soil sampling totalling 1176 samples
  - 14.7 km Discovery Zone
  - 1.0 km 1935 Shaft Zone
  - 12.9 km Goldy-Dart Zone
- 200 m^3 of trenching from a total of 26 trenches
- 15 C-horizon soil samples
- 207 rock chip samples
- 26 rock grab samples
- 3 petrographic samples
- 2 whole rock grab samples
- 5 stream sediment samples
- Geology compilation
- Geostatistical analysis

Total expenditures on the Freegold Mountain Project in 2013 were $237,389.42.

2013 Exploration Results

Target Generation

The following summaries provide a synopsis of favorable indicators which formed the basis for implementing the 2013 exploration program at the Discovery (Seymour, 1935 Shaft, Augusta) and Goldy-Dart Zones.

Discovery Zone:

The Discovery Zone has been historically explored under the name "Seymour": an area which encompasses the Elephant, Melissa, Jilly-Bob and Lucinda mineral showings. The name "Discovery" has been chosen to simplify the naming convention across Freegold mountain and is now a common name shared with both the original Discovery Zone and the AOI described below. The AOI covers approximately 4 km^2 and is located in the central portion of the Project tenament on the western flank of Freegold mountain. The area features a number of large, moderate to strong Au-As-Bi anomalies (in soil) and four gold-silver+/-base metal showings. Three porphyry targets/prospects occur which are proximal (< 3 km) to the target area (Stoddart, Castle, and Cabin). Showings in the area have received some mechanized trenching and no diamond drilling. The primary target for the Seymour Zone is a epithermal gold system: trench results from the Jilly-Bob and the newly discovered Irene showing indicate potential for high-grade Au-Ag epithermal vein/vein breccia systems. Historic work in the Seymour target area has been sporadic, and disjointed. As a result large holes in the geochemical sampling coverage, and a lack of follow-up exploration on geochemical anomalies provide opportunity to define new zones of significant gold and silver mineralization.

Geologic Setting:

- Metasediments and gneiss of the Yukon-Tanana terrane are intruded by porphyritic dykes, hornblende monzonite, syenite, granodiorite and porphyritic granite.

Structural Setting:

- Tectonic comminution zone similar to that observed at the Nucleus Zone occurs at the western margin of the target area;
- Pronounced W-NW structural domain observed in Magnetics/EM/IP geophysics;
- Property scale splay of Big Creek fault system runs through the target area and is associated with a multi-kilometre, multi-element geochemical anomaly;
- Structurally controlled quartz feldspar porphyry dyke swarms are spatially related to geochemical anomalies, and Au+/-Ag showings. The dyke swarms parallel the major fault trace in the target area.

Geochemistry:

- Multi-kilometre Au-As-Ag-Bi-Cu-Pb-Sb soil anomaly associated with major structural lineament;
- Au geochemical anomalies in soil defined in 1980's have received little follow-up exploration work and the integrity/repeatability of the data has not been tested by the Company;
- Lack of multi-element geochemistry coverage in the target area;
- Incomplete low-resolution coverage for available elements (200 m spaced lines, 50 m sample intervals);
- Quartz veining and breccia systems discovered in historic trenches returning up to 5.67 gpt Au, 700 gpt Ag and 8.17 % Pb assays suggest fertile plumbing system.

Geophysics:

- IP – Elephant Zone chargeability high represents a 3 km long feature which appears to follow a splay of the Big Creek Fault Zone with an approximate E-W orientation;
- The IP anomaly is coincident with the southern margin of a E-W top WNW-ESE trending magnetic high linear feature thought to represent a quartz-feldspar porphyry dyke;
- The pronounced Au anomaly flanks the southern margin of the magnetic/IP anomaly.

1935 Shaft Zone:

The historic Goldstar or Discovery area includes a number of shear hosted polymetallic veins systems and skarn replacement horizons which have historically returned bonzanza grade gold mineralization. There has been significant exploration work done in the area dating back to the 1930's including: geochemical sampling, trenching, prospecting and diamond drilling. The 2013 AOI encompassed the historic 1935 Shaft and Augusta showings and covers approximately 3 km^2 centred on the summit of Freegold mountain. The area features a number of > 99th percentile spot Au anomalies defined in historic geochemical surveys and several milti-element (Au-Ag-As-Bi-Cu) anomalies in proximity to the historic mineral showings noted above. The Margarete showing, Goldstar showing and Cabin porphyry target lie approximately 600 metres west of the Augusta showing and were the first discoveries made by P.F. Guder in the early 1930's. These showings have been extensively explored through detailed trenching, and to a lesser extent by shallow diamond drilling. The primary target of exploration efforts in 2013 focused on evaluating the potential for defining strike extensions of high-grade vein/breccia systems proximal to the 1935 Shaft showing.

The following provides a synopsis of favourable indicators which formed the basis for implementing the 2013 geochemical sampling program at the 1935 Shaft.

Geologic Setting:

- Metasediments and gneiss of the Yukon-Tanana terrane intruded by porphyritic dykes; megacrystic syenite, granodiorite and porphyritic granite.

Structural Setting:

- Situated on major west-northwest trending structural lineament at contact between metasediments and megacrystic syenite.

Geochemistry:

- Geochemical anomalies (Au-Ag-As-Bi-Cu) occur east and west of the historic workings and suggest the potential to discover other mineralized vein systems in the area.

Geophysics:

- Total field magnetics data illustrate prominent magnetic linaments trending west-northwest which parallel the trend of mineral showings in the area;
- A pronounced magnetic low signature ~ 1 km west of the 1935 shaft is interpreted to represent a zone of magnetite destruction associated with the Cabin porphyry hydrothermal system: a potential source of the fluids responsible for the formation of the auriferous magnetite skarns and epithermal Au-Ag-Cu vein/breccia systems within the AOI.

Goldy-Dart Zone:

The Goldy & Dart zones have seen periodic exploration activity dating back to the early 1930's and encompasses the Goldy, Whale, Forbes and Dart (or Emmons Hill) showings. A significant amount of exploration has been done since the 1980s focusing on both the Goldy and Dart showings which has included geochemical and geophysics surveys, extensive surface trenching and diamond drilling. The AOI covers approximately 7.5 km^2 located 1 km east of Grizzly Gulch on the southeastern flank of Freegold mountain. The area features a significant Au-As anomaly (> 90th Percentile) measuring 500 meters by 450 meters centred on the Goldy showing, and high-grade Au mineralization hosted in vein/breccia systems at both the Goldy and Dart Showings. The Antoniuk Deposit, a low-grade epithermal gold deposit hosted within a porphyry related breccia pipe lies approximately 2.5 km west of the Goldy showing and 2.0 km west of the Dart showing. Historic exploration has focused on the Goldy and Dart showings proper with little follow up work devoted to systematically exploring the significant geochemical anomaly defined during the 1980s. The primary target type of the Goldy-Dart zone is an epithermal vein/breccia type system: as observed at both the Goldy and Dart mineral occurrences. The 2013 AOI was designed to ground-truth historic results surrounding the Goldy showing and to extend the geochemical survey coverage north to the Dart showing to determine if a structural link could be defined between the two zones.

The following provides a synopsis of favourable indicators which formed the basis for implementing the 2013 geochemical sampling program at the Goldy-Dart Zone.

Geologic Setting:

- Metasediments and gneiss of the Yukon-Tanana Terrane, quartz monzonite, megacrystic syenite, andesite, quartz-feldspar porphyry dykes.

Structural Setting:

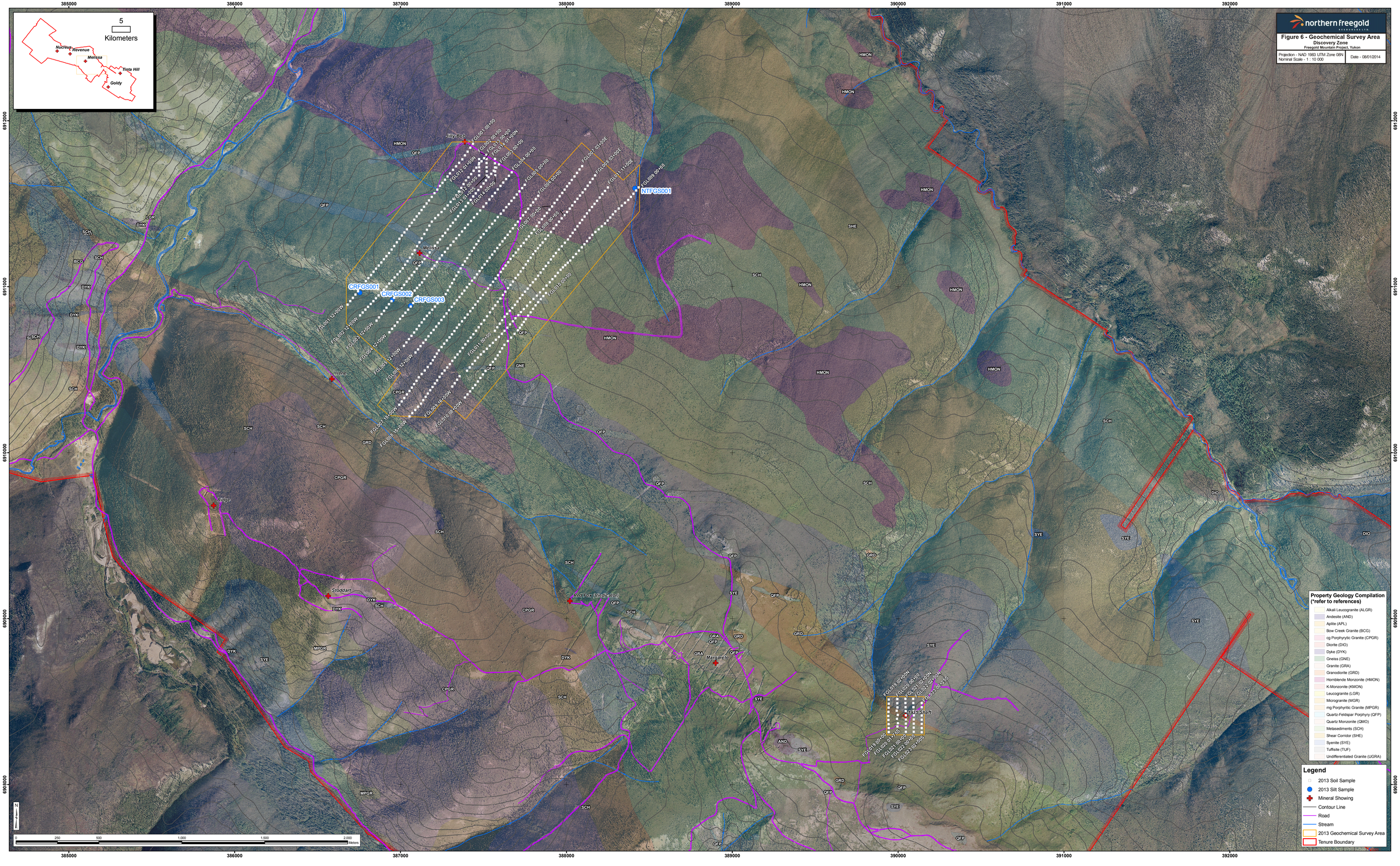
- Goldy mineral occurrence is located at the intersection of a northeast structural lineament and prominent a northwest trending splay of the Big Creek Fault Zone;
- Dart mineral occurrence is located within a northwest trending shear zone associated with the Big Creek Fault Zone.

Geochemistry:

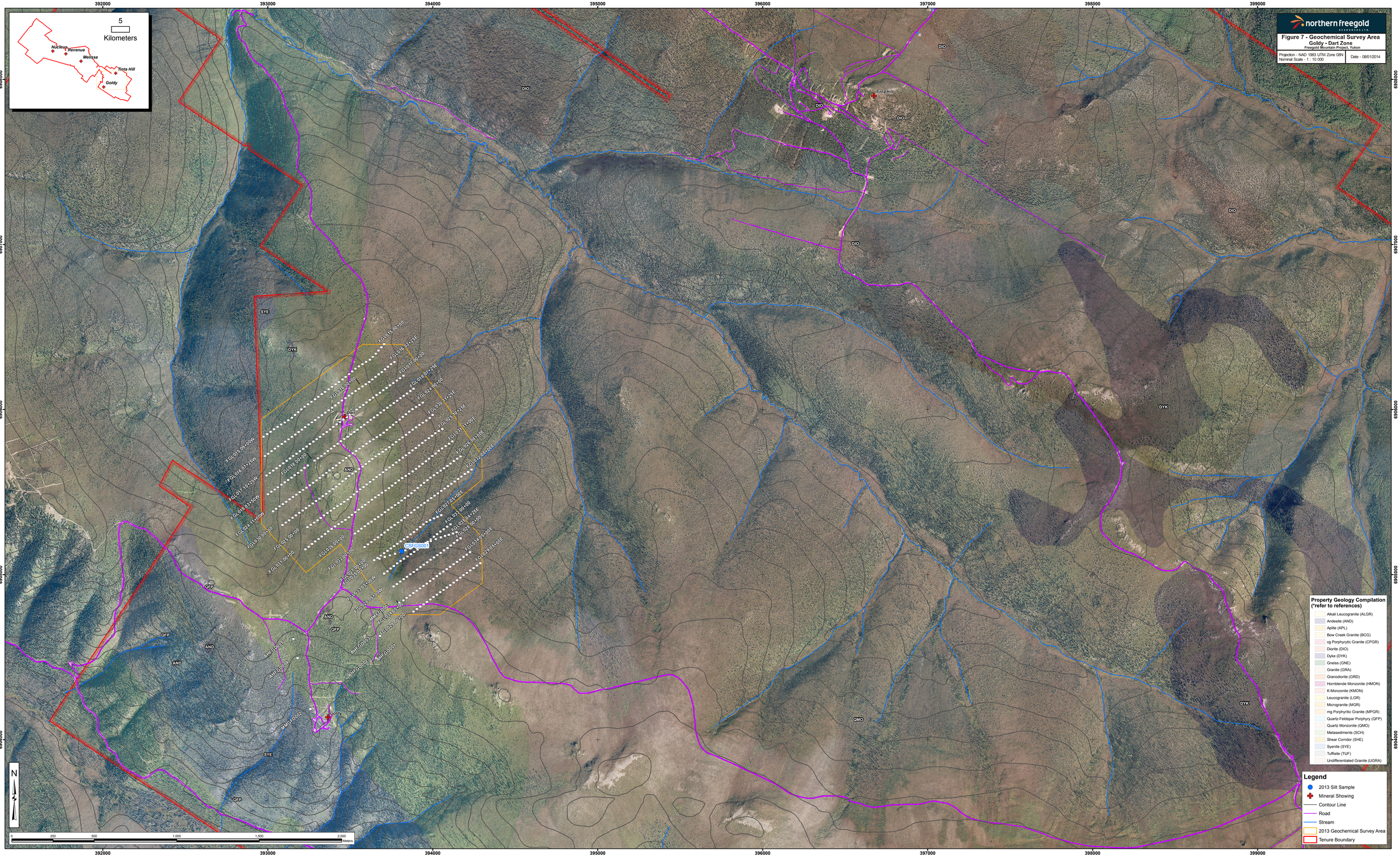
- Significant Au mineralization defined through diamond drilling at the Goldy Showing (08GY-27 23.7 metres of 2.84 gpt Au; including 1.75 metres of 21.18 gpt Au);
- Historic chip sampling returned 0.68 metres of 124.1 gpt Au and 1.70 metres of 46.65 gpt Au from the Dart Shaft;
- A 500 meter by 400 meter > 90th percentile Au-As in soil anomaly was defined in the area immediately north of the Goldy showing in 1986-1987;
- The anomaly lies within a larger 200 metre wide by 2300 metre long moderate Au-As in soil anomaly which clearly defines the northwest trending splay of the Big Creek Fault Zone and extends from Seymour Creek to the headwaters of Schist Creek;
- Point anomalies identified within the broad anomaly remain virtually unexplored to date;
- Lack of multi-element geochemical data and sample coverage;
- 2009 stream sediment samples returned highly anomalous (90th – 95th Percentile) Hg-Sb results from the creek draining the Goldy trenches and two further to the east, both elements are proxy indicators of Au mineralization at the Goldy Zone and further define the fertility of the northwest trending Big Creek Fault Zone in the area.

Geophysics:

- Total field magnetics data indicate that the Goldy Zone is situated at the margin of a pronounced magnetic feature which trends northwest;
- Total field magnetics data indicate that the Dart Zone is situated within a magnetic high feature which is elongated north-south. Ground magnetic data collected in the Dart Zone indicates that magnetic features are isolated and form a weak north-south trend which does not parallel the main vein/breccia systems exposed through trenching.



northern freegold
Figure 6 - Geochemical Survey Area
Discovery Zone
Freegold Mountain Project, Yukon
Projection - NAD 1983 UTM Zone 08N
Nominal Scale - 1 : 10 000
Date - 08/01/2014
5
Kilometers
Nucleus
Revenue
Melissa
Tinta Hill
Goldy
Jilly Bob
Melissa
Irene
Ridge
Stoddart
Red Fox (Vindicator)
Margarete
NTFGS001
CRFGS001
CRFGS002
CRFGS003
Property Geology Compilation
(*refer to references)
Alkali Leucogranite (ALGR)
Andesite (AND)
Aplite (APL)
Bow Creek Granite (BCG)
cg Porphyritic Granite (CPGR)
Diorite (DIO)
Dyke (DYK)
Gneiss (GNE)
Granite (GRA)
Granodiorite (GRD)
Hornblende Monzonite (HMON)
K-Monzonite (KMON)
Leucogranite (LGR)
Microgranite (MGR)
mg Porphyritic Granite (MPGR)
Quartz-Feldspar Porphyry (QFP)
Quartz Monzonite (QMO)
Metasediments (SCH)
Shear Corridor (SHE)
Syenite (SYE)
Tuffsite (TUF)
Undifferentiated Granite (UGRA)
Legend
2013 Soil Sample
2013 Silt Sample
Mineral Showing
Contour Line
Road
Stream
2013 Geochemical Survey Area
Tenure Boundary
385000
386000
387000
388000
389000
390000
391000
392000
6912000
6911000
6910000
6909000
6908000
0
250
500
1,000
1,500
2,000
Meters


5
Kilometers
Nucleus
Revenue
Melissa
Trota Hill
Goldy
northern freegold
RESOURCES LTD.
Figure 7 - Geochemical Survey Area
Goldy - Dart Zone
Freegold Mountain Project, Yukon
Projection - NAD 1983 UTM Zone 08N
Nominal Scale - 1 : 10 000
Date - 06/01/2014
392000
393000
394000
395000
396000
397000
398000
399000
6908000
6907000
6906000
6905000
Trota Hill
Dart
Goldy
CSFGS001
DIO
SYE
DYK
AND
QFP
QMO
FGL015 09+00W
FGL015 12+25E
FGL015 00+00
FGL015 00+00
FGL015 07+25W
FGL015 03+00W
FGL023 11+00W
FGL023 00+00
FGL023 00+00
FGL023 00+00

Trench Sampling

A total of 26 trenches were completed during the 2013 program: 14 of which were opened using a KX41-3 Kubota Excavator and the remaining 12 which were opened using hand tools. All trenches were contoured or reclaimed with the exception of TR13-017 thru 022 which are exposed at the base of placer workings.

Refer to Table 2 for a complete summary of trench metadata.

Table 2 - Trench Location Summary Data

Trench Number	MLU Approval	Claim Number	Length of Trench (m)	Total Volume Disturbed (m^3)	Disturbance Type	Status	Easting	Northing	Map Datum
TR13-001	LQ00327	YA92760	32.0	32.0	Mechanized	Reclaimed	390079	6908404	Nad 83 Zone 08 N
TR13-002	LQ00113	YC09229	26.0	26.0	Mechanized	Reclaimed	387698	6910730	Nad 83 Zone 08 N
TR13-003	LQ00327	YB37987	15.0	10.0	Hand	Reclaimed	389942	6907881	Nad 83 Zone 08 N
TR13-004	LQ00113	YC09232	30.0	30.0	Mechanized	Reclaimed	387724	6910520	Nad 83 Zone 08 N
TR13-005	LQ00113	YC09240	10.0	5.0	Hand	Reclaimed	387520	6911713	Nad 83 Zone 08 N
TR13-006	LQ00327	63641	4.0	1.0	Mechanized	Reclaimed	388709	6909695	Nad 83 Zone 08 N
TR13-007	LQ00113	YC09227	4.0	1.0	Hand	Contoured	387114	6911201	Nad 83 Zone 08 N
TR13-008	LQ00113	YC09227	5.0	2.0	Hand	Contoured	387093	6911229	Nad 83 Zone 08 N
TR13-009	LQ00327	YC18731	11.0	11.0	Mechanized	Reclaimed	393669	6904494	Nad 83 Zone 08 N
TR13-010	LQ00327	YC18731	2.0	1.0	Mechanized	Reclaimed	393678	6904629	Nad 83 Zone 08 N
TR13-011	LQ00327	YC18730	10.0	10.0	Mechanized	Reclaimed	393647	6904725	Nad 83 Zone 08 N
TR13-012	LQ00327	YC18731	4.0	2.0	Mechanized	Reclaimed	393790	6904831	Nad 83 Zone 08 N
TR13-013	LQ00327	YC18738	10.0	5.0	Mechanized	Reclaimed	394236	6904362	Nad 83 Zone 08 N
TR13-014	LQ00327	YC18728	2.0	2.0	Mechanized	Reclaimed	393257	6904184	Nad 83 Zone 08 N
TR13-015	LQ00327	YC18728	2.5	2.5	Mechanized	Reclaimed	393179	6904494	Nad 83 Zone 08 N
TR13-016	LQ00327	YC18728	3.5	3.5	Mechanized	Reclaimed	393158	6904609	Nad 83 Zone 08 N
TR13-017	LQ00113	YC29911	6.5	2.0	Hand	Exposed in Placer Workings	386583	6910441	Nad 83 Zone 08 N
TR13-018	LQ00113	YC29911	7.0	2.0	Hand	Exposed in Placer Workings	386550	6910470	Nad 83 Zone 08 N
TR13-019	LQ00113	YC29911	7.0	2.0	Hand	Exposed in Placer Workings	386608	6910424	Nad 83 Zone 08 N
TR13-020	LQ00113	YC29911	7.0	2.0	Hand	Exposed in Placer Workings	386598	6910430	Nad 83 Zone 08 N
TR13-021	LQ00113	YC29911	4.0	1.0	Hand	Exposed in Placer Workings	386570	6910461	Nad 83 Zone 08 N
TR13-022	LQ00113	YC29911	2.5	0.5	Hand	Exposed in Placer Workings	386588	6910435	Nad 83 Zone 08 N
TR13-023	LQ00327	YC19567	38.6	2.0	Hand	Contoured	393437	6905934	Nad 83 Zone 08 N
TR13-024	LQ00327	YC19566	4.5	2.5	Mechanized	Reclaimed	393400	6905922	Nad 83 Zone 08 N
TR13-025	LQ00113	YC09232	4.0	1.0	Hand	Exposed Outcrop	387762	6910456	Nad 83 Zone 08 N
TR13-026	LQ00327	63641	4.0	1.0	Mechanized	Reclaimed Permafrost	388653	6909540	Nad 83 Zone 08 N

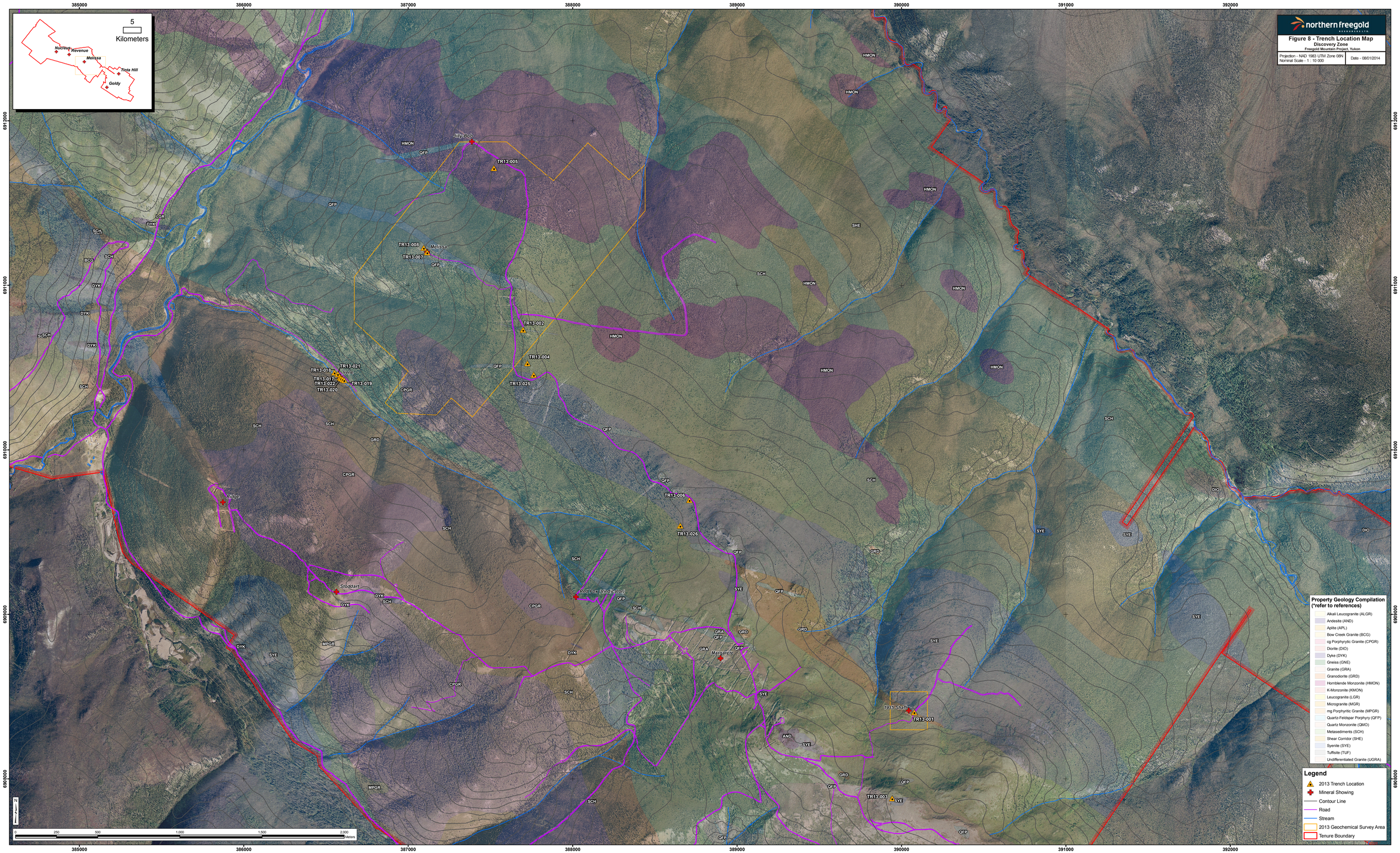

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Figure 8 - Trench Location Map
Discovery Zone
Freegold Mountain Project, Yukon
Projection - NAD 1983 UTM Zone 08N
Nominal Scale - 1 : 10 000
Date - 08/01/2014
5
Kilometers
Nucleus
Revenue
Melissa
Tinta Hill
Goldy
Jilly Bob
Melissa
Irene
Ridge
Stoddart
Red Fox (Vindicator)
Margarete
1935 Shaft
TR13-005
TR13-008
TR13-007
TR13-002
TR13-004
TR13-025
TR13-018
TR13-021
TR13-017
TR13-022
TR13-020
TR13-019
TR13-006
TR13-026
TR13-001
TR13-003
Property Geology Compilation
(*refer to references)
Alkali Leucogranite (ALGR)
Andesite (AND)
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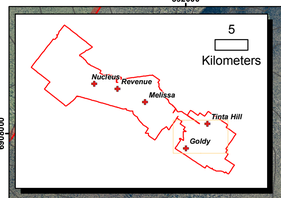
Microgranite (MGR)
mg Porphyritic Granite (MPGR)
Quartz-Feldspar Porphyry (QFP)
Quartz Monzonite (QMO)
Metasediments (SCH)
Shear Corridor (SHE)
Syenite (SYE)
Tuffisite (TUF)
Undifferentiated Granite (UGRA)
Legend
2013 Trench Location
Mineral Showing
Contour Line
Road
Stream
2013 Geochemical Survey Area
Tenure Boundary
385000
386000
387000
388000
389000
390000
391000
392000
6912000
6911000
6910000
6909000
6908000
0
250
500
1,000
1,500
2,000
Meters

Figure 9 - Trench Location Map
Goldy - Dart Zone
Freegold Mountain Project, Yukon

Projection - NAD 1983 UTM Zone 08N
Nominal Scale - 1 : 10 000

Date - 08/01/2014

northern freegold RESOURCES LTD.



392000 393000 394000 395000 396000 397000 398000 399000

6908000 6907000 6906000 6905000 6904000

DIO
DYK
SYE
AND
QFP
QMO
Tinta Hill
Dart
Goldy
TR13-024
TR13-023
TR13-012
TR13-011
TR13-016
TR13-015
TR13-009
TR13-010
TR13-013
TR13-014

Property Geology Compilation (*refer to references)

- Alkali Leucogranite (ALGR)
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- Bow Creek Granite (BCG)
- cg Porphyrytic Granite (CPGR)
- Diorite (DIO)
- Dyke (DYK)
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- Quartz Monzonite (QMO)
- Metasediments (SCH)
- Shear Corridor (SHE)
- Syenite (SYE)
- Tuffsite (TUF)
- Undifferentiated Granite (UGRA)

Legend

- 2013 Trench Location
- Mineral Showing
- Contour Line
- Road
- Stream
- 2013 Geochemical Survey Area
- Tenure Boundary

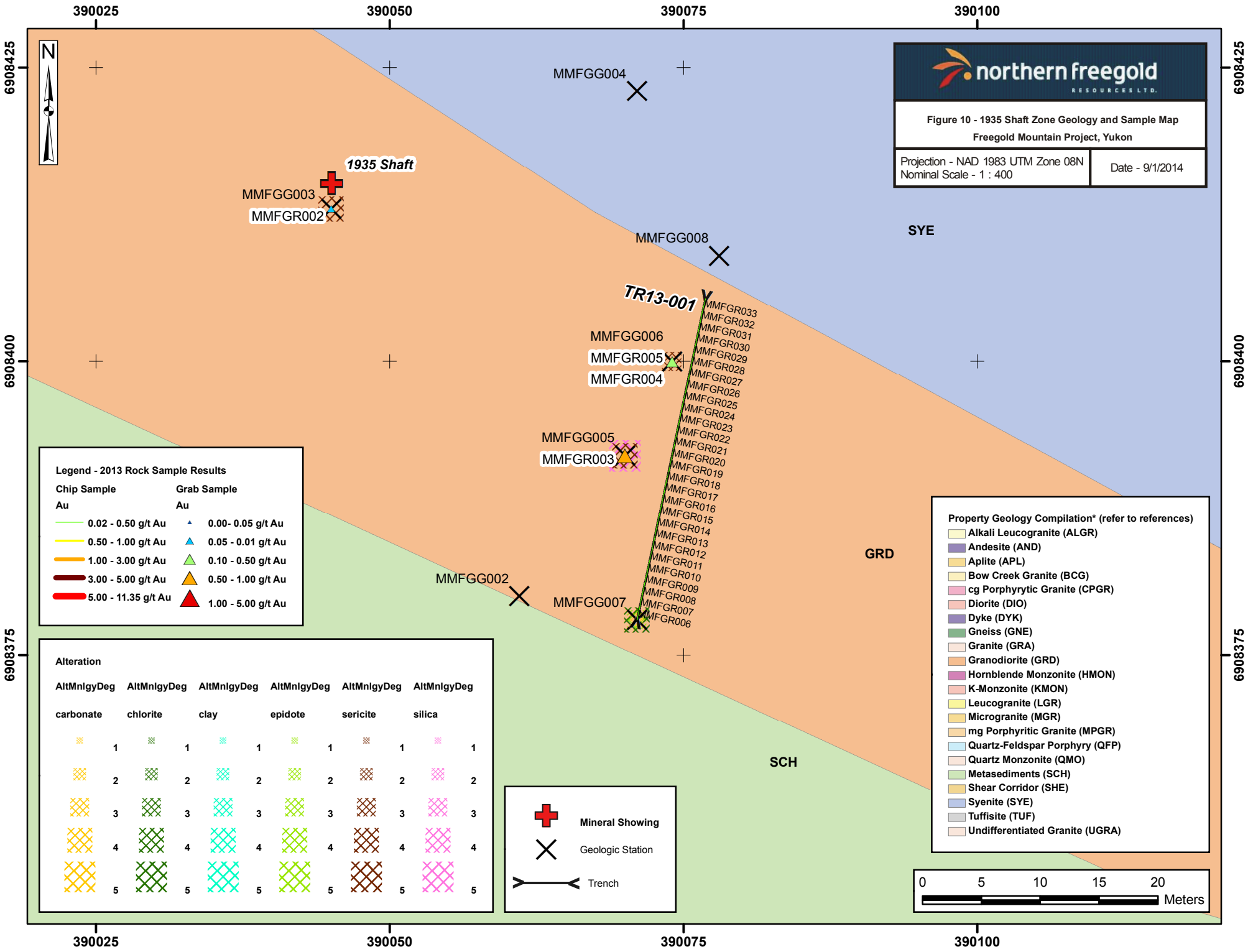
N

0 250 500 1,000 1,500 2,000 Meters

TR13-001 (Discovery Zone – 1935 Shaft Zone, Figure 10)

Trench TR13-001, located 30 metres east of the historic 1935 shaft was designed to evaluate the potential for a vein/breccia system along strike of the historic workings and determine its potential for high-grade Au-Ag mineralization. A total of 28 chip samples and 3 grab samples were collected from TR13-001, 1 sample was also collected from the spoil pile beside the 1935 shaft workings. Deep weathering of the local area (+2.0 m) did not allow for the trench to reach solid bedrock, but instead a semi-consoliated mixture of in-situ subcrop and soil. The local geology of the area is characterized by variably altered granodiorite and megacrystic syenite. South of the trenching area boulders of metasedimentary rock and megacrystic syenite were observed along the road cut but vegetation, black muck and permafrost cover much of the area. Propylitc alteration (hematite-chlorite-epidote-pyrite) was commonly observed within the megacrystic syenite as fine grained fracture fill. The syenite also contains fine grained veinlets of magnetite with high magnetic susceptibility (as observed in the field with a hand magnet), and are interpreted to be the causative source of the pronounced magnetic high observed in the total field magnetics dataset. Sericite alteration (silica-pyrite-white mica) is common within the granodiorite and observed as selective replacement and envelopes. Iron and magnesium staining is also common on weathered surfaces of the subcrop. Mineralization observed at the historic workings is contained within altered granodiorite and consists of black Cu-oxides, malachite, chalcopyrite and pyrite hosted within stockwork veinlets and veins.

Sericite and silica alteration envelopes are common where mineralized veins occur, and abundant limonite-Cu-oxide encrusts weathered surfaces. The trenching did not successfully locate the mineralized vein system within solid bedrock, however several cobble-boulder sized fragments of quartz vein material were recovered during trenching. Sample MMFGR003 was a high-grade grab sample obtained from a boulder of vuggy quartz vein material containing chalcopyrite, bornite and pyrite. Assays from this sample returned 914 ppb Au, 128 ppm Ag, 4300 ppm Cu, 2970 ppm Pb, 40 ppm Bi, and 2330 ppm Sb. The sample did yield significant geochemical results however these are not representative as a definitive bedrock source for the vein could not be found. All of the chip samples (MMFGR006 – MMFGR033) returned background or weakly anomalous values for precious and base metals. The vein controlled mineralization and associated geochemical anomaly likely represent some hydrothermal leakage along a west-northwest trending structure at the contact zone between the granodiorite and megacrystic syentie. Based upon the lack of veining observed in the trench and the poor geochemical results returned from the chip samples further work is not recommended for the area immediately surronding the 1935 Shaft Zone. However the geochemical signature associated with Au-Ag mineralization is consistent with that of the Dawson Range Au-Cu+/-Mo porphyry model (Au-Ag associated with elevated Cu-Pb-Bi-Sb) and suggests that the hydrothermal fluids were derived from a local magmatic source, therefore the area should not be completely dismissed in terms of its overall mineral potential.


390025
390050
390075
390100
6908425
6908400
6908375
N
northern freegold
RESOURCES LTD.
Figure 10 - 1935 Shaft Zone Geology and Sample Map
Freegold Mountain Project, Yukon
Projection - NAD 1983 UTM Zone 08N
Nominal Scale - 1 : 400
Date - 9/1/2014
1935 Shaft
MMFGG003
MMFGR002
MMFGG004
MMFGG008
TR13-001
MMFGR033
MMFGR032
MMFGR031
MMFGR030
MMFGR029
MMFGR028
MMFGR027
MMFGR026
MMFGR025
MMFGR024
MMFGR023
MMFGR022
MMFGR021
MMFGR020
MMFGR019
MMFGR018
MMFGR017
MMFGR016
MMFGR015
MMFGR014
MMFGR013
MMFGR012
MMFGR011
MMFGR010
MMFGR009
MMFGR008
MMFGR007
MMFGR006
MMFGG006
MMFGR005
MMFGR004
MMFGG005
MMFGR003
MMFGG002
MMFGG007
SYE
GRD
SCH
Legend - 2013 Rock Sample Results
Chip Sample Au
0.02 - 0.50 g/t Au
0.50 - 1.00 g/t Au
1.00 - 3.00 g/t Au
3.00 - 5.00 g/t Au
5.00 - 11.35 g/t Au
Grab Sample Au
0.00- 0.05 g/t Au
0.05 - 0.01 g/t Au
0.10 - 0.50 g/t Au
0.50 - 1.00 g/t Au
1.00 - 5.00 g/t Au
Alteration
AltMnlgyDeg carbonate
AltMnlgyDeg chlorite
AltMnlgyDeg clay
AltMnlgyDeg epidote
AltMnlgyDeg sericite
AltMnlgyDeg silica
1
2
3
4
5
Mineral Showing
Geologic Station
Trench
Property Geology Compilation* (refer to references)
Alkali Leucogranite (ALGR)
Andesite (AND)
Aplite (APL)
Bow Creek Granite (BCG)
cg Porphyrytic Granite (CPGR)
Diorite (DIO)
Dyke (DYK)
Gneiss (GNE)
Granite (GRA)
Granodiorite (GRD)
Hornblende Monzonite (HMON)
K-Monzonite (KMON)
Leucogranite (LGR)
Microgranite (MGR)
mg Porphyritic Granite (MPGR)
Quartz-Feldspar Porphyry (QFP)
Quartz Monzonite (QMO)
Metasediments (SCH)
Shear Corridor (SHE)
Syenite (SYE)
Tuffisite (TUF)
Undifferentiated Granite (UGRA)
0
5
10
15
20
Meters

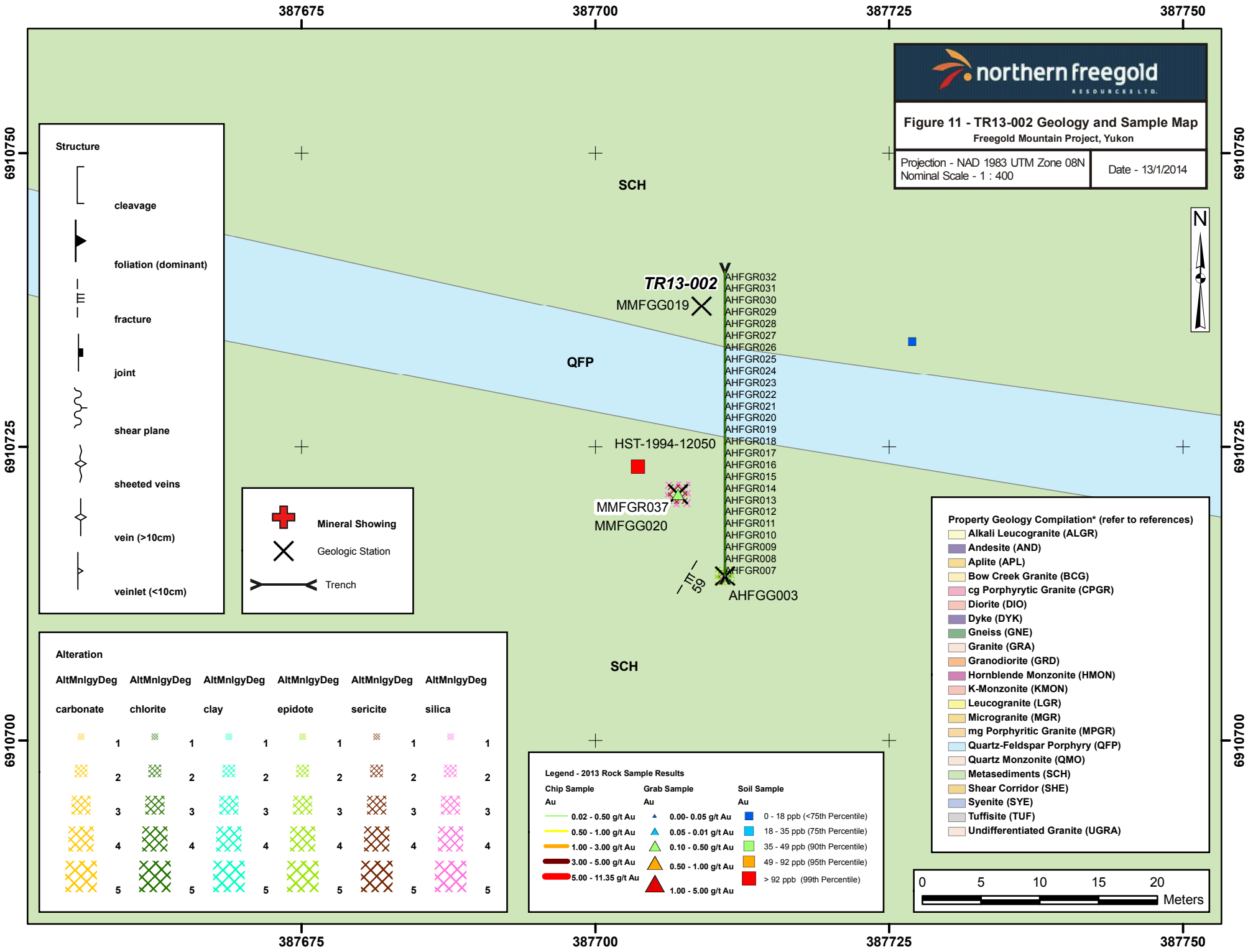
TR13-002 (Discovery Zone, Figure 11)

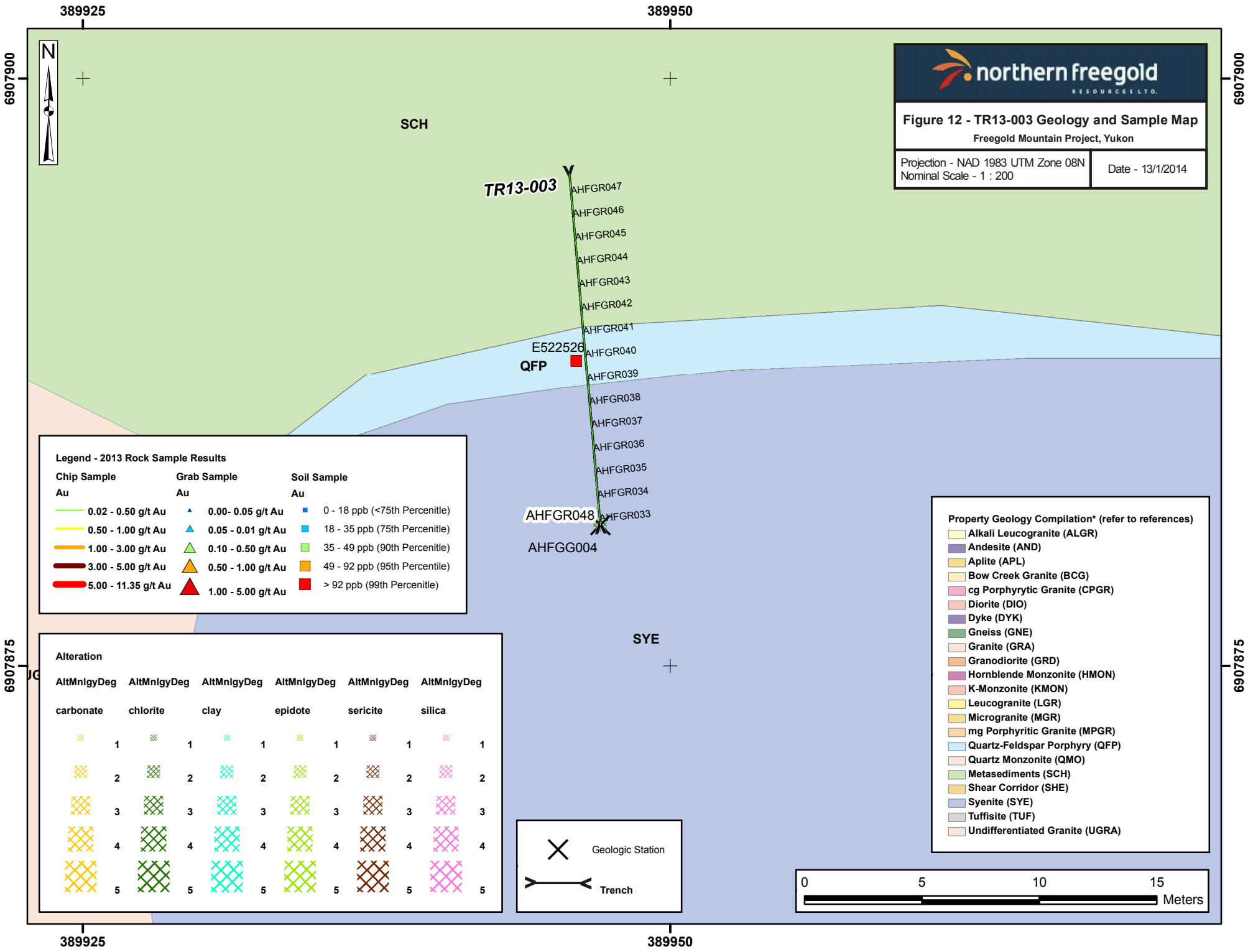
Trench TR13-002 was designed to ground-truth historic soil sample HST-1994-12050 which returned 403 ppb Au, 805 ppm As, 78 ppm Pb and 37 ppm Sb. A total of 26 chip samples and 1 grab sample were collected from TR13-002. Local geology is characterized by metasedimentary rocks (namely quartz arenite and parageniss) and quartz-feldspar porphyry dykes which range in composition from dacite to rhyolite. The metasedimentary rocks are dark silvery grey in color, fine-medium grained and display a gneissose texture. The quartz-feldspar porphyry is buff white-beige in colour owing to the feldspar rich apahnitic groundmass and contains several percent of subhedral vitreous quartz phenocrysts. Brittle fracture within the rock strike 31º and dip 59º (Right Hand Rule) and the overall orientation of the porphyry dykes and gneissose texture trend west-northwest. Weak to moderate propylitic (chlorite-epidote) and moderate sercitic (quartz-sercite-pyrite) alteration were observed within the metasedimets: the latter of which was observed at the contact margins with the quartz-feldspar porphyry. Mineralization observed is as follows: 0.5 – 5.0 % arseonpyrite and 1 % pyrite as fine grained disseminations within the metasedimentary rocks and as breccia infill at the contacts of the quartz-feldspar porphyry.

The 26 chip samples AHFGR007 – 032 (representing 26 metres of continuous sampling) averaged 596 ppm As, with a peak value of 1930 ppm As returned from AHFGR026. MMFGR037, a grab sample of brecciated metasedimentary rock returned 4700 ppm As. Au values were weakly to moderately anomalous with a peak value of 237 ppb Au returned from AHFGR016. Both the As and Au geochemical peak values were contained within the brecciated margins of the quartz-feldspar porphyry dyke. The bedrock geochemistry indicates that the metasedimentary rocks in the trench area contain a highly anomalous As signature which is elevated at the contacts with quartz-feldspar porphyry dykes. The failure to return Au values from bedrock chip or grab samples greater than that observed in the historic soil sample may reflect a preferential enrichment of Au within the B-horizon, yielding anomalies which misrepresent (overinflate) bedrock geochemical values. Sufficient data is not available to quantify this apparent enrichment and so future exploration efforts must still systematically explore high-priority point Au anomalies in the area before they are dismissed. The results obtained from TR13-002 appear to reveal the source of the anomaly in soil sample HST-1994-12050 and provide critical data for understanding and interpreting soil geochemical results in the surrounding area.

TR13-003 (Augusta Zone, Figure 12)

Trench TR13-003 was designed to ground-truth historic soil sample E522526 which returned 2930 ppb Au. A total of 15 chip samples and 1 grab sample were collected from TR13-003. Local geology is characterized by megacrystic quartz syenite, porphyry and metamorphosed wackestone (or possibly a finer grained equivalent of the prophyry?) observed as outcrop, rubble crop and subcrop. It appears as though the buff white porphyrytic dyke occurs infilling the contact between metasedimentary rocks and the quartz syenite. Weak but pervasive propylitic alteration was observed within the quartz syenite and patchy, weak silica-sericite alteration was observed within the porphyry and wackestone. Trace amounts (0.1 – 0.5%) pyrrhotite and magnetite were observed as fine grained disseminations throughout the rock units. Geochemical results from all of the samples collected returned background values for Au and Ag as well as pathfinder elements. The large disparity between the highly anomalous soil sample E522526 and the geochemical results from TR13-003 suggests one of three possibilities: 1) Sample E522526 has erroneous coordinates; 2) Sample E522526 was somehow contaminated; 3) Surficial weathering processes have significantly enriched the B or C horizon soils in the immediate area with Au yielding results which are highly skewed in comparison with the underlying bedrock geology. Future work in the area is not recommended and sample E522526 can be interpreted to represent a highly anomalous spot anomaly of low integrity.


387675
387700
387725
387750
6910750
6910725
6910700
northern freegold
RESOURCES LTD.
Figure 11 - TR13-002 Geology and Sample Map
Freegold Mountain Project, Yukon
Projection - NAD 1983 UTM Zone 08N
Nominal Scale - 1 : 400
Date - 13/1/2014
N
SCH
QFP
SCH
TR13-002
MMFGG019
HST-1994-12050
MMFGR037
MMFGG020
AHFGG003
AHFGR032
AHFGR031
AHFGR030
AHFGR029
AHFGR028
AHFGR027
AHFGR026
AHFGR025
AHFGR024
AHFGR023
AHFGR022
AHFGR021
AHFGR020
AHFGR019
AHFGR018
AHFGR017
AHFGR016
AHFGR015
AHFGR014
AHFGR013
AHFGR012
AHFGR011
AHFGR010
AHFGR009
AHFGR008
AHFGR007
59
Structure
cleavage
foliation (dominant)
fracture
joint
shear plane
sheeted veins
vein (>10cm)
veinlet (<10cm)
Mineral Showing
Geologic Station
Trench
Alteration
AltMnlgyDeg carbonate
AltMnlgyDeg chlorite
AltMnlgyDeg clay
AltMnlgyDeg epidote
AltMnlgyDeg sericite
AltMnlgyDeg silica
1
2
3
4
5
Legend - 2013 Rock Sample Results
Chip Sample Au
0.02 - 0.50 g/t Au
0.50 - 1.00 g/t Au
1.00 - 3.00 g/t Au
3.00 - 5.00 g/t Au
5.00 - 11.35 g/t Au
Grab Sample Au
0.00- 0.05 g/t Au
0.05 - 0.01 g/t Au
0.10 - 0.50 g/t Au
0.50 - 1.00 g/t Au
1.00 - 5.00 g/t Au
Soil Sample Au
0 - 18 ppb (<75th Percentile)
18 - 35 ppb (75th Percentile)
35 - 49 ppb (90th Percentile)
49 - 92 ppb (95th Percentile)
> 92 ppb (99th Percentile)
Property Geology Compilation* (refer to references)
Alkali Leucogranite (ALGR)
Andesite (AND)
Aplite (APL)
Bow Creek Granite (BCG)
cg Porphyrytic Granite (CPGR)
Diorite (DIO)
Dyke (DYK)
Gneiss (GNE)
Granite (GRA)
Granodiorite (GRD)
Hornblende Monzonite (HMON)
K-Monzonite (KMON)
Leucogranite (LGR)
Microgranite (MGR)
mg Porphyritic Granite (MPGR)
Quartz-Feldspar Porphyry (QFP)
Quartz Monzonite (QMO)
Metasediments (SCH)
Shear Corridor (SHE)
Syenite (SYE)
Tuffisite (TUF)
Undifferentiated Granite (UGRA)
0
5
10
15
20
Meters


389925
389950
6907900
6907875
N
SCH
SYE
QFP
TR13-003
AHFGR047
AHFGR046
AHFGR045
AHFGR044
AHFGR043
AHFGR042
AHFGR041
AHFGR040
AHFGR039
AHFGR038
AHFGR037
AHFGR036
AHFGR035
AHFGR034
AHFGR033
AHFGR048
E522526
AHFGG004
northern freegold
RESOURCES LTD.
Figure 12 - TR13-003 Geology and Sample Map
Freegold Mountain Project, Yukon
Projection - NAD 1983 UTM Zone 08N
Nominal Scale - 1 : 200
Date - 13/1/2014
Legend - 2013 Rock Sample Results
Chip Sample Au
0.02 - 0.50 g/t Au
0.50 - 1.00 g/t Au
1.00 - 3.00 g/t Au
3.00 - 5.00 g/t Au
5.00 - 11.35 g/t Au
Grab Sample Au
0.00- 0.05 g/t Au
0.05 - 0.01 g/t Au
0.10 - 0.50 g/t Au
0.50 - 1.00 g/t Au
1.00 - 5.00 g/t Au
Soil Sample Au
0 - 18 ppb (<75th Percenitle)
18 - 35 ppb (75th Percenitle)
35 - 49 ppb (90th Percenitle)
49 - 92 ppb (95th Percenitle)
> 92 ppb (99th Percenitle)
Alteration
AltMnlgyDeg carbonate
AltMnlgyDeg chlorite
AltMnlgyDeg clay
AltMnlgyDeg epidote
AltMnlgyDeg sericite
AltMnlgyDeg silica
1
2
3
4
5
Geologic Station
Trench
Property Geology Compilation* (refer to references)
Alkali Leucogranite (ALGR)
Andesite (AND)
Aplite (APL)
Bow Creek Granite (BCG)
cg Porphyrytic Granite (CPGR)
Diorite (DIO)
Dyke (DYK)
Gneiss (GNE)
Granite (GRA)
Granodiorite (GRD)
Hornblende Monzonite (HMON)
K-Monzonite (KMON)
Leucogranite (LGR)
Microgranite (MGR)
mg Porphyritic Granite (MPGR)
Quartz-Feldspar Porphyry (QFP)
Quartz Monzonite (QMO)
Metasediments (SCH)
Shear Corridor (SHE)
Syenite (SYE)
Tuffisite (TUF)
Undifferentiated Granite (UGRA)
0
5
10
15
Meters

TR13-004 &025 (Discovery Zone, Figure 13)

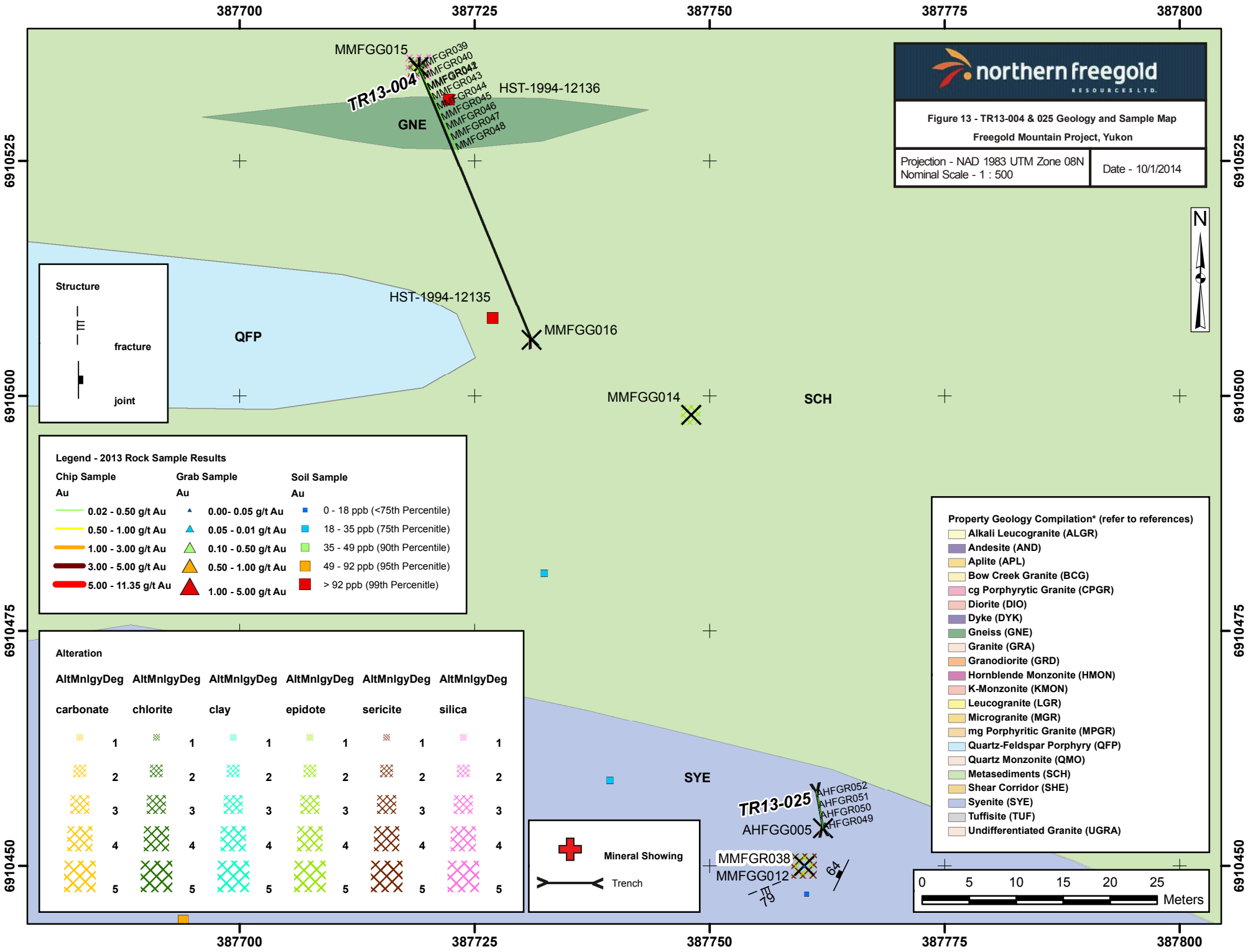
Trench TR13-004 (Figure 13) was designed to ground-truth historic soil sample HST-1994-12136 which returned 574 ppb Au/2040 ppm As and soil sample HST-1994-12135 which returned 258 ppb Au/3790 ppm As. A total of 10 chip samples were collected from TR13-004. Trench TR13-025 was an impromptu chip sample location selected while working at TR13-004 after stockwork veining was observed within outcrop. A total of 4 chip samples and 1 grab sample were collected from TR13-025. The local geology consists of metasedimentary rocks (metagreywacke) and lenses of orthogeniss, west-northwest trending quartz-feldspar porphyry and megacrystic syenite. Prominent joint and fracture sets within the syenite strike 206°/dip 64° and strike 68°/dip 79° respectively. Propylitic alteration (chlorite-epidote) is widespread within the map area and can be characterized as vein-infill, vein envelope (within the syenite and porphyry) and incomplete replacement (within metasedimentary rocks) of moderate intensity. Trace pyrrhotite, pyrite and magnetite were observed as fine grained disseminations, and as vein fill. Chip and grab samples collected from both TR13-004 and 025 failed to yield any significant geochemical results. The source of the highly anomalous soil values returned from the 1994 survey was not discovered through trenching or prospecting efforts. The proximity of the soil samples to a quartz-feldspar porphyry dyke suggests that a similar scenario to TR13-002 is repeated in this area where highly anomalous Au and As values are spatially related to the porphyrytic intrusion. The position of the historic soil samples may be slightly different from the digitized locations used to locate TR13-004 and explain the lack of geochemical response in the chip samples. Future work in the immediate area should focus on prospecting new ground disturbance (if/when it occurs) and a small geochemical sampling program to determine if the historic soil geochemical values are repeatable. The immediate area is not a high-priority exploration target.

TR13-005 (Discovery Zone, Figure 14)

Trench TR13-005 was designed to ground-truth a series of three overlapping historic soil samples BB09909, BB09910 and BB09911 which returned 2.5 ppb Au, 250 ppb Au and 107 ppb Au respectively. A total of 10 chip samples were collected from TR13-005. Local geology observed within the trench was characterized by dark green granodiorite which is different from the interpreted lithology, honrblende monzonite derived from geophysics interpretation. Moderate intensity propylitic (epidote-hematite and silica) alteration was observed within the granodiorite. Up to 5 % magnetite was observed as interstitial disseminations, and locally 1 % hematite was observed as blebby disseminations. Geochemical results from the 10 chip samples (CRFGR014 – 023) did not yield any results of significance. The historic soil anomalies observed in BB09910 and BB09911 remain unexplained. The fact that three soil samples share the same coordinates suggests that the location of the three samples, or at least two of the three samples is almost certainly erroneous. Future work should determine the correct location of these samples. The geochemical grids completed around TR13-005 indicate that even if the historic samples were in the correct location, the anomaly is not repeatable. Future work in the immediate area surrounding TR13-005 is not recommended.

TR13-006 (Discovery Zone, Figure 15)

Trench TR13-006 was an impromptu prospecting trench to follow up on quartz-feldspar porphyry float observed in a road cut. A total of 2 grab samples were collected from TR13-006. Local geology is characterized by greenish-grey megacrystic syenite (forming resistive outcrops) and buff white quartz-feldspar porphyritic (dacite) dykes. Weak phyllic (moderate clay and weak silica) alteration was noted within the quartz-feldspar porphyry and propylitic alteration (epidote) was noted within the syenite. Up to 5 % fine grained disseminated magnetite was observed within the syenite and is likely the causative source of the pronounced magnetic high observed in the total field magnetics dataset. Assays of grab samples MMFGR049 & 050 did not yield any significant results. Further work in the immediate area encompassing TR13-006 is not recommended.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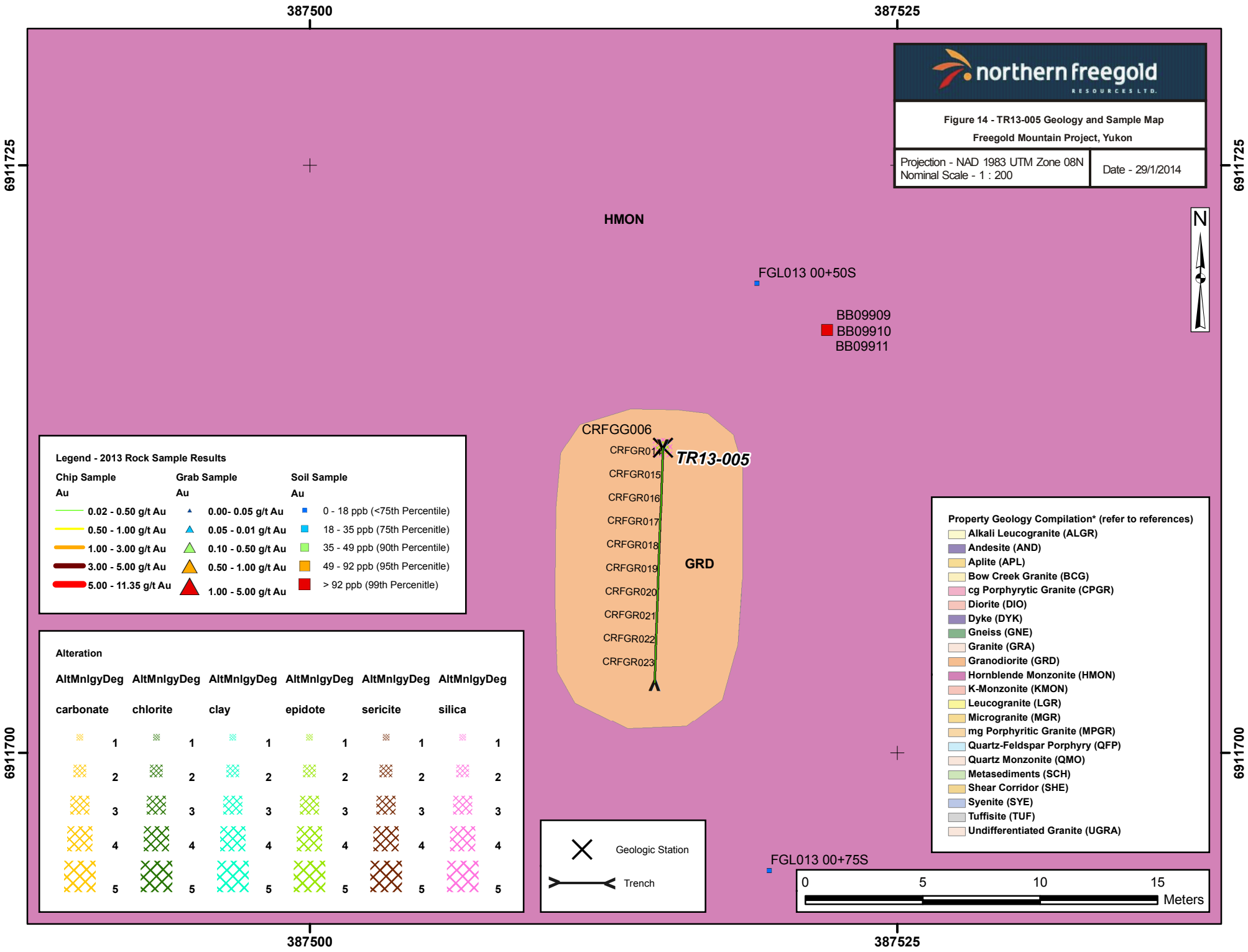
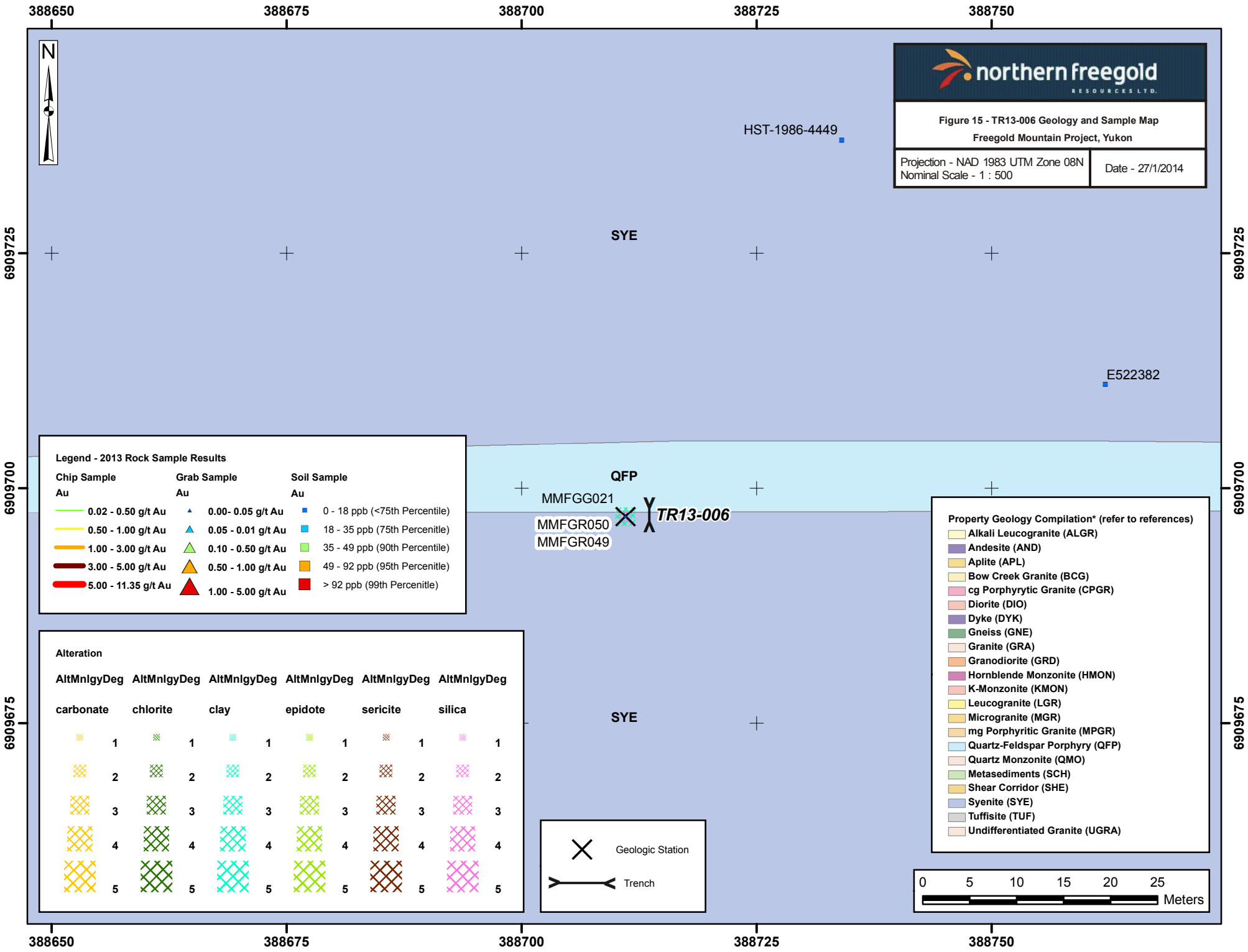
387750
387775
387800
6910525
6910500
6910475
6910450
MMFGG015
MMFGR039
MMFGR040
MMFGR042
MMFGR043
MMFGR044
MMFGR045
MMFGR046
MMFGR047
MMFGR048
TR13-004
HST-1994-12136
GNE
HST-1994-12135
MMFGG016
QFP
MMFGG014
SCH
SYE
TR13-025
AHFGR052
AHFGR051
AHFGR050
AHFGR049
AHFGG005
MMFGR038
MMFGG012
64
79
northern freegold
RESOURCES LTD.
Figure 13 - TR13-004 & 025 Geology and Sample Map
Freegold Mountain Project, Yukon
Projection - NAD 1983 UTM Zone 08N
Nominal Scale - 1 : 500
Date - 10/1/2014
N
Structure
fracture
joint
Legend - 2013 Rock Sample Results
Chip Sample Au
0.02 - 0.50 g/t Au
0.50 - 1.00 g/t Au
1.00 - 3.00 g/t Au
3.00 - 5.00 g/t Au
5.00 - 11.35 g/t Au
Grab Sample Au
0.00- 0.05 g/t Au
0.05 - 0.01 g/t Au
0.10 - 0.50 g/t Au
0.50 - 1.00 g/t Au
1.00 - 5.00 g/t Au
Soil Sample Au
0 - 18 ppb (<75th Percentile)
18 - 35 ppb (75th Percenitle)
35 - 49 ppb (90th Percentile)
49 - 92 ppb (95th Percenitle)
> 92 ppb (99th Percenitle)
Alteration
AltMnlgyDeg carbonate
AltMnlgyDeg chlorite
AltMnlgyDeg clay
AltMnlgyDeg epidote
AltMnlgyDeg sericite
AltMnlgyDeg silica
1
2
3
4
5
Mineral Showing
Trench
Property Geology Compilation* (refer to references)
Alkali Leucogranite (ALGR)
Andesite (AND)
Aplite (APL)
Bow Creek Granite (BCG)
cg Porphyrytic Granite (CPGR)
Diorite (DIO)
Dyke (DYK)
Gneiss (GNE)
Granite (GRA)
Granodiorite (GRD)
Hornblende Monzonite (HMON)
K-Monzonite (KMON)
Leucogranite (LGR)
Microgranite (MGR)
mg Porphyritic Granite (MPGR)
Quartz-Feldspar Porphyry (QFP)
Quartz Monzonite (QMO)
Metasediments (SCH)
Shear Corridor (SHE)
Syenite (SYE)
Tuffisite (TUF)
Undifferentiated Granite (UGRA)
0 5 10 15 20 25
Meters

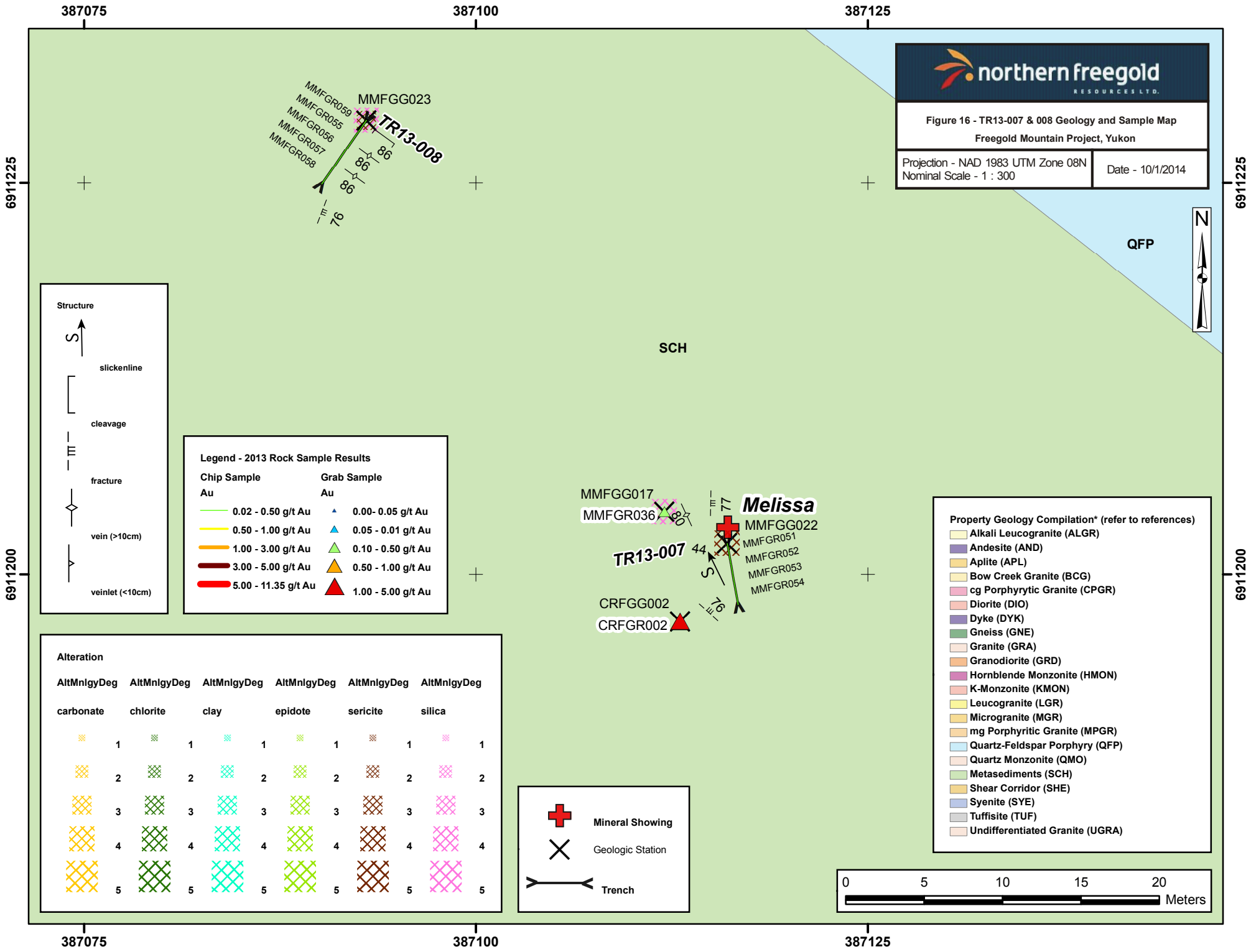

387500
387525
6911725
6911700
northern freegold
RESOURCES LTD.
Figure 14 - TR13-005 Geology and Sample Map
Freegold Mountain Project, Yukon
Projection - NAD 1983 UTM Zone 08N
Nominal Scale - 1 : 200
Date - 29/1/2014
HMON
FGL013 00+50S
BB09909
BB09910
BB09911
N
CRFGG006
CRFGR014
CRFGR015
CRFGR016
CRFGR017
CRFGR018
CRFGR019
CRFGR020
CRFGR021
CRFGR022
CRFGR023
TR13-005
GRD
Legend - 2013 Rock Sample Results
Chip Sample Au
0.02 - 0.50 g/t Au
0.50 - 1.00 g/t Au
1.00 - 3.00 g/t Au
3.00 - 5.00 g/t Au
5.00 - 11.35 g/t Au
Grab Sample Au
0.00- 0.05 g/t Au
0.05 - 0.01 g/t Au
0.10 - 0.50 g/t Au
0.50 - 1.00 g/t Au
1.00 - 5.00 g/t Au
Soil Sample Au
0 - 18 ppb (<75th Percentile)
18 - 35 ppb (75th Percenitle)
35 - 49 ppb (90th Percentile)
49 - 92 ppb (95th Percenitle)
> 92 ppb (99th Percenitle)
Alteration
AltMnlgyDeg carbonate
AltMnlgyDeg chlorite
AltMnlgyDeg clay
AltMnlgyDeg epidote
AltMnlgyDeg sericite
AltMnlgyDeg silica
1
2
3
4
5
Geologic Station
Trench
Property Geology Compilation* (refer to references)
Alkali Leucogranite (ALGR)
Andesite (AND)
Aplite (APL)
Bow Creek Granite (BCG)
cg Porphyrytic Granite (CPGR)
Diorite (DIO)
Dyke (DYK)
Gneiss (GNE)
Granite (GRA)
Granodiorite (GRD)
Hornblende Monzonite (HMON)
K-Monzonite (KMON)
Leucogranite (LGR)
Microgranite (MGR)
mg Porphyritic Granite (MPGR)
Quartz-Feldspar Porphyry (QFP)
Quartz Monzonite (QMO)
Metasediments (SCH)
Shear Corridor (SHE)
Syenite (SYE)
Tuffisite (TUF)
Undifferentiated Granite (UGRA)
FGL013 00+75S
0
5
10
15
Meters


388650
388675
388700
388725
388750
6909725
6909700
6909675
N
northern freegold
RESOURCES LTD.
Figure 15 - TR13-006 Geology and Sample Map
Freegold Mountain Project, Yukon
Projection - NAD 1983 UTM Zone 08N
Nominal Scale - 1 : 500
Date - 27/1/2014
HST-1986-4449
E522382
SYE
QFP
SYE
MMFGG021
MMFGR050
MMFGR049
TR13-006
Legend - 2013 Rock Sample Results
Chip Sample Au
0.02 - 0.50 g/t Au
0.50 - 1.00 g/t Au
1.00 - 3.00 g/t Au
3.00 - 5.00 g/t Au
5.00 - 11.35 g/t Au
Grab Sample Au
0.00- 0.05 g/t Au
0.05 - 0.01 g/t Au
0.10 - 0.50 g/t Au
0.50 - 1.00 g/t Au
1.00 - 5.00 g/t Au
Soil Sample Au
0 - 18 ppb (<75th Percentile)
18 - 35 ppb (75th Percenitle)
35 - 49 ppb (90th Percentile)
49 - 92 ppb (95th Percentile)
> 92 ppb (99th Percenitle)
Alteration
AltMnlgyDeg carbonate
AltMnlgyDeg chlorite
AltMnlgyDeg clay
AltMnlgyDeg epidote
AltMnlgyDeg sericite
AltMnlgyDeg silica
1
2
3
4
5
Geologic Station
Trench
Property Geology Compilation* (refer to references)
Alkali Leucogranite (ALGR)
Andesite (AND)
Aplite (APL)
Bow Creek Granite (BCG)
cg Porphyrytic Granite (CPGR)
Diorite (DIO)
Dyke (DYK)
Gneiss (GNE)
Granite (GRA)
Granodiorite (GRD)
Hornblende Monzonite (HMON)
K-Monzonite (KMON)
Leucogranite (LGR)
Microgranite (MGR)
mg Porphyritic Granite (MPGR)
Quartz-Feldspar Porphyry (QFP)
Quartz Monzonite (QMO)
Metasediments (SCH)
Shear Corridor (SHE)
Syenite (SYE)
Tuffisite (TUF)
Undifferentiated Granite (UGRA)
0 5 10 15 20 25
Meters

TR13-007 & 008 (Discovery Zone – Melissa Showing, Figure 16)

Trenches TR13-007 & 008 were designed to evaluate the historic Melissa showing by re-sampling and mapping bedrock exposed in two historic trenches. A total of 9 chip samples and 3 grab samples were collected from the two trenches. Field crews were limited to using hand tools due to the limited access to the area which restricted the amount of sampling which could be completed. Historic work in the area dates back to the 1930's and the initial discovery of gold-bearing quartz veins at the Melissa showing has been credited to P.F. Guder. The last systematic evaluation of the Melissa showing was completed by ATAC Resources Ltd in 2003 and 2004, who completed detailed trench mapping and sampling. Results from these programs returned significant precious metal values including 5.67 gpt Au and 52.8 gpt Ag in a grab sample from an exploration pit and 0.61 gpt Au and 8.24 gpt Ag over 31.5 metres from trench TRS04-01. The Melissa showing is located in the core of a 1.7 km long gold-in-soil anomaly (>90th percentile) defined in 1986-1987.

Local geology is characterized by metasedimentary rocks (primairly manganiferous schist) and quartz-feldspar porphyry (trachyte-dacite) dykes. The metasedimentary rocks are fine grained, dark silvery-grey in color and are generally uniform in composition. The porphyry dykes are buff orange to white with a feldspar rich groundmass hosting vitreous quartz phenocrysts. Prominent structural features include decimetre scale cleavage and brittle fracture sets which strike 126°/dip 86° (RHR) and control the distribution of mineralized quartz veining. Slickenlines observed along fracture surfaces in TR13-007 (trend 335°/plunge 44° RHR) indicate left-lateral oblique strike-slip motion occurred, but the scale of displacement or sense of timing could not be determined. The metasedimentary rocks display moderate to strong sericite (quartz-sericite-pyrite) alteration observed as both pervasive replacement and as vein envelopes. The alteration intensity increases with vein density and increases in proximity to the porphyry dykes. Vein hosted mineralization included up to 3.00 % fine grained pyrite, 0.05 % fine grained arsenopyrite and trace fine grained galena. Weathered vein material sampled from waste dumps beside the historic exploration pit at TR13-007 was strongly altered to limonite, and had a pitted box-work appearance. Grab sample CRFGR002, a sample of limonitic quartz vein material returned 1.72 gpt Au, 13.7 gpt Ag and > 10000 ppm As. Grab sample MMFGR036, a sample of limonitic, vuggy quartz vein material returned 0.43 gpt Au and 9.9 gpt Ag. Chip samples MMFGR051 – 059 did not return significant Au results, with a peak value of 124 ppb Au from MMFGR055. Anomalous Ag (up to 6.3 gpt in sample MMFGR059) and anomalous As (ranging from 565 – 1795 ppm) were returned from chip samples from both TR13-007 and TR13-008. A 5.0 metre chip sample of silicified metasediments collected from TR13-008, located 35 metres northwest of the Melissa showing returned 0.084 gpt Au and 3.6 gpt Ag. These chip sample results are somewhat consistent with historic trench results completed in 2004. Although high-grade values were not returned from the re-sampling of historic trenches the results do confirm the presence of Au-Ag-As mineralization. Further work is recommended in the area to follow up on the historic work and should include rehabbing the historic exploration trail to improve site access, mechanized trenching of high priority geochemical anomalies, bedrock mapping, rigorous sampling and diamond drilling contingent on favourable trench results.

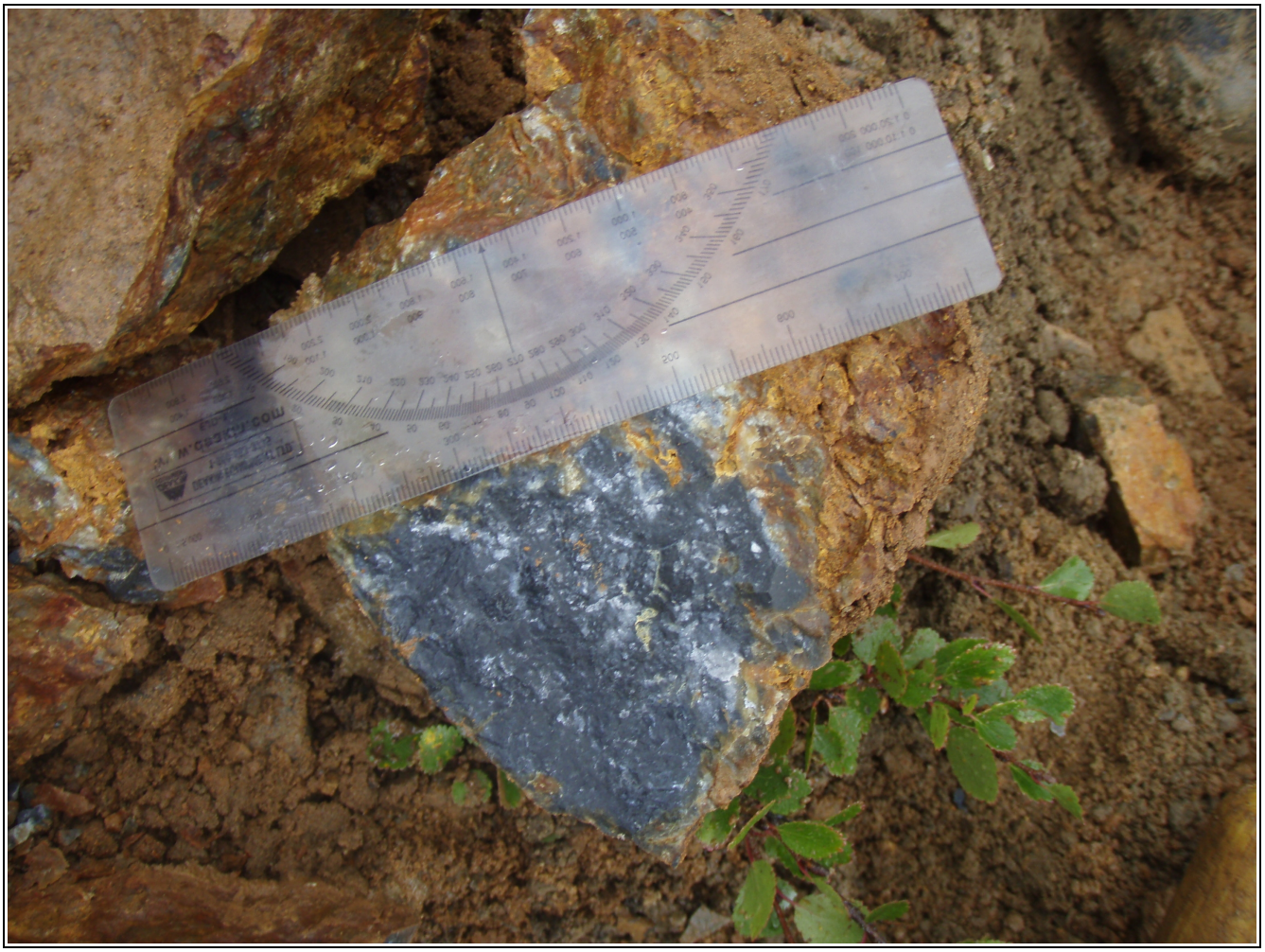

387075
387100
387125
6911225
6911200
northern freegold
RESOURCES LTD.
Figure 16 - TR13-007 & 008 Geology and Sample Map
Freegold Mountain Project, Yukon
Projection - NAD 1983 UTM Zone 08N
Nominal Scale - 1 : 300
Date - 10/1/2014
N
QFP
SCH
MMFGG023
TR13-008
MMFGR059
MMFGR055
MMFGR056
MMFGR057
MMFGR058
86
86
86
76
MMFGG017
MMFGR036
80
77
Melissa
MMFGG022
MMFGR051
MMFGR052
MMFGR053
MMFGR054
TR13-007
44
76
CRFGG002
CRFGR002
Structure
S
slickenline
cleavage
fracture
vein (>10cm)
veinlet (<10cm)
Legend - 2013 Rock Sample Results
Chip Sample Au
0.02 - 0.50 g/t Au
0.50 - 1.00 g/t Au
1.00 - 3.00 g/t Au
3.00 - 5.00 g/t Au
5.00 - 11.35 g/t Au
Grab Sample Au
0.00- 0.05 g/t Au
0.05 - 0.01 g/t Au
0.10 - 0.50 g/t Au
0.50 - 1.00 g/t Au
1.00 - 5.00 g/t Au
Alteration
AltMnlgyDeg carbonate
AltMnlgyDeg chlorite
AltMnlgyDeg clay
AltMnlgyDeg epidote
AltMnlgyDeg sericite
AltMnlgyDeg silica
1
2
3
4
5
Mineral Showing
Geologic Station
Trench
Property Geology Compilation* (refer to references)
Alkali Leucogranite (ALGR)
Andesite (AND)
Aplite (APL)
Bow Creek Granite (BCG)
cg Porphyrytic Granite (CPGR)
Diorite (DIO)
Dyke (DYK)
Gneiss (GNE)
Granite (GRA)
Granodiorite (GRD)
Hornblende Monzonite (HMON)
K-Monzonite (KMON)
Leucogranite (LGR)
Microgranite (MGR)
mg Porphyritic Granite (MPGR)
Quartz-Feldspar Porphyry (QFP)
Quartz Monzonite (QMO)
Metasediments (SCH)
Shear Corridor (SHE)
Syenite (SYE)
Tuffisite (TUF)
Undifferentiated Granite (UGRA)
0
5
10
15
20
Meters

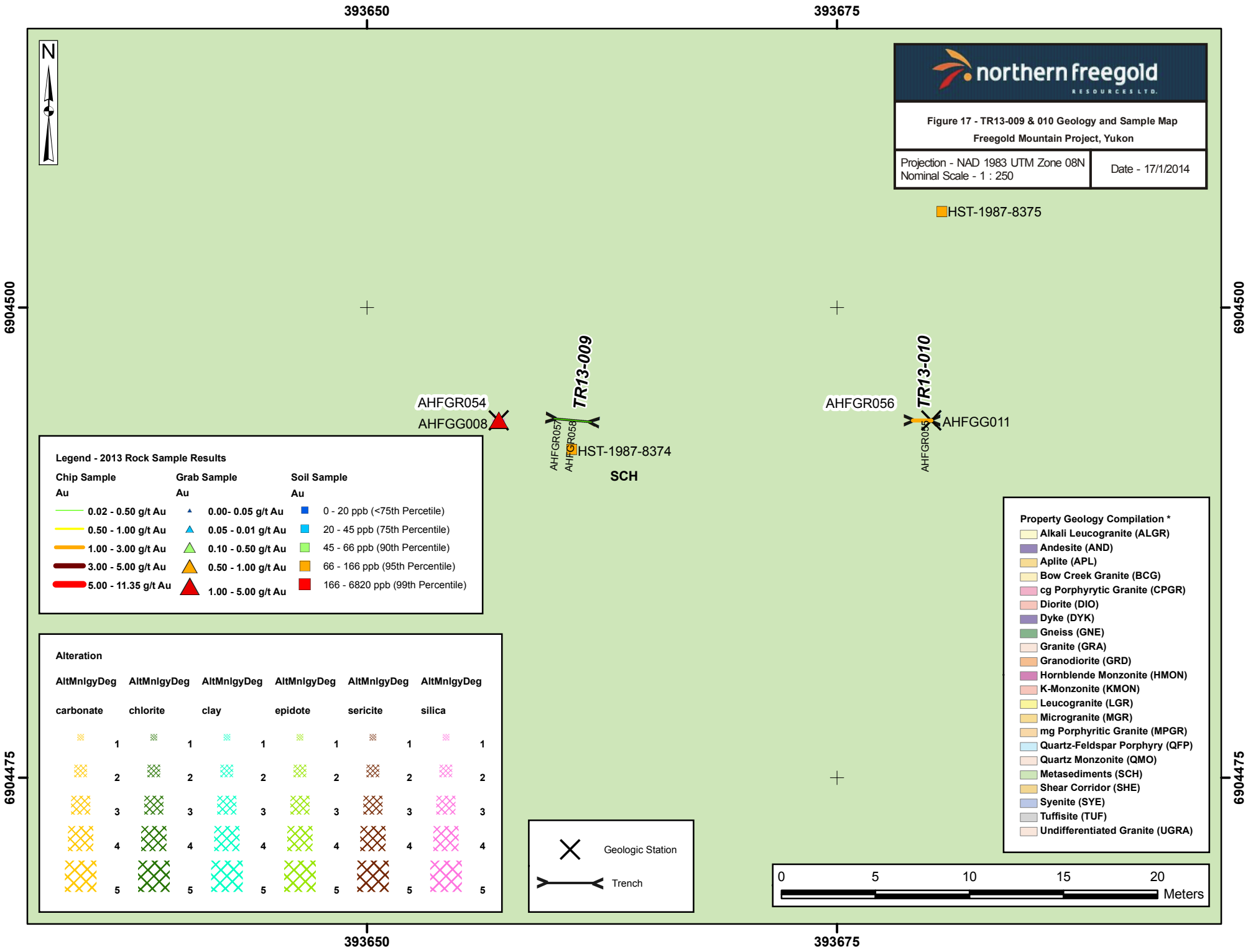
TR13-009 & 010 (Goldy Zone, Figure 17)

Trenches TR13-009 and 010 were designed to ground-truth historic soil samples HST-1987-8374 and HST-1987-8375 which returned > 95th percentile Au/As in soil values of 160 ppb Au/1000 ppm As and 75 ppb Au/500 ppm As respectively. A total of 3 chip samples and 1 grab sample were collected from trenches TR13-009 and 010. Historic trench TR88-2 located approximately 40 metres southwest of TR13-009 revealed a silica replacement/veining zone measuring approximately 30 metres in apparent thickness. Anomalous Au values up to 660 ppb Au (Sample # 346076) were returned from sulphide rich quartz veins and veinlets east of the replacement zone, but were subsequently missed by DDH 88G-14 presumably because the drill hole was collared where the zone looked the best without having any assay control.

Local geology is characterized by metasedimentary rocks (paraschist) which are highly strained, oxidixed and in places coloured black from manganiferous shear zones. Alteration was difficult to identify as bedrock exposure in the area was encumbered by significant (> 2.0 m) till and soil. At best it can be said that bedrock in both trenches was moderately to strongly silica altered (very resistive subcrop-outcrop) and moderately oxidized. Grab sample AHFGR054, a cobble of silica flooded breccia was recovered from till while excavating TR13-009 and displays intense silica-sericite-pyrite alteration. Structure in the area is very difficult to understand from the limited amount of bedrock mapping available in the area. Historic trench mapping and diamond drilling suggests that structural features such as quartz veins and shear zones appear to trend north-northwest and dip moderately – steeply to the west. Mineralization in the area is observed as 1 – 10 % disseminated fine-coarse grained pyrite , 0.1 – 0.5 % fine grained arsenopyrite, and trace stibnite. Two samples collected from this area returned significant results. AHFGR054, a grab sample from TR13-009 of brecciated, silica flooded metasedimentary rock containing 5 % pyrite and 0.5 % arsenopyrite, returned 1.50 gpt Au and 8.0 ppm Hg. AHFGR055, a 1.0 metre chip sample from TR13-010 of veined and silica flooded metasedimentary rock containing 1.0 % pyrite and 0.2 % arsenopyrite, returned 2.47 gpt Au and 2.0 ppm Hg. This area is considered a high-priority target for future exploration within the Goldy Zone as it presents the opportunity to significantly expand the current extent of the main showing located 450 metres to the southwest. This interpretation is backed by both historic and 2013 geochemical results (both soil and silt) . Future work is recommended in the area to define the full extent of the auriferous zone and should include a detailed C-horizon or bedrock chip sampling program to establish diamond drill targets.

Plate 1: Sample AHFGR054 – 1.50 gpt Au – grab sample




393650
393675
6904500
6904475
N
northern freegold
RESOURCES LTD.
Figure 17 - TR13-009 & 010 Geology and Sample Map
Freegold Mountain Project, Yukon
Projection - NAD 1983 UTM Zone 08N
Nominal Scale - 1 : 250
Date - 17/1/2014
HST-1987-8375
TR13-009
TR13-010
AHFGR054
AHFGG008
AHFGR057
AHFGR058
HST-1987-8374
SCH
AHFGR056
AHFGG011
AHFGR055
Legend - 2013 Rock Sample Results
Chip Sample Au
0.02 - 0.50 g/t Au
0.50 - 1.00 g/t Au
1.00 - 3.00 g/t Au
3.00 - 5.00 g/t Au
5.00 - 11.35 g/t Au
Grab Sample Au
0.00- 0.05 g/t Au
0.05 - 0.01 g/t Au
0.10 - 0.50 g/t Au
0.50 - 1.00 g/t Au
1.00 - 5.00 g/t Au
Soil Sample Au
0 - 20 ppb (<75th Percetile)
20 - 45 ppb (75th Percentile)
45 - 66 ppb (90th Percentile)
66 - 166 ppb (95th Percentile)
166 - 6820 ppb (99th Percentile)
Alteration
AltMnlgyDeg carbonate
AltMnlgyDeg chlorite
AltMnlgyDeg clay
AltMnlgyDeg epidote
AltMnlgyDeg sericite
AltMnlgyDeg silica
1
2
3
4
5
Geologic Station
Trench
Property Geology Compilation *
Alkali Leucogranite (ALGR)
Andesite (AND)
Aplite (APL)
Bow Creek Granite (BCG)
cg Porphyrytic Granite (CPGR)
Diorite (DIO)
Dyke (DYK)
Gneiss (GNE)
Granite (GRA)
Granodiorite (GRD)
Hornblende Monzonite (HMON)
K-Monzonite (KMON)
Leucogranite (LGR)
Microgranite (MGR)
mg Porphyritic Granite (MPGR)
Quartz-Feldspar Porphyry (QFP)
Quartz Monzonite (QMO)
Metasediments (SCH)
Shear Corridor (SHE)
Syenite (SYE)
Tuffisite (TUF)
Undifferentiated Granite (UGRA)
0
5
10
15
20
Meters

TR13-011 (Goldy Zone, Figure 18)

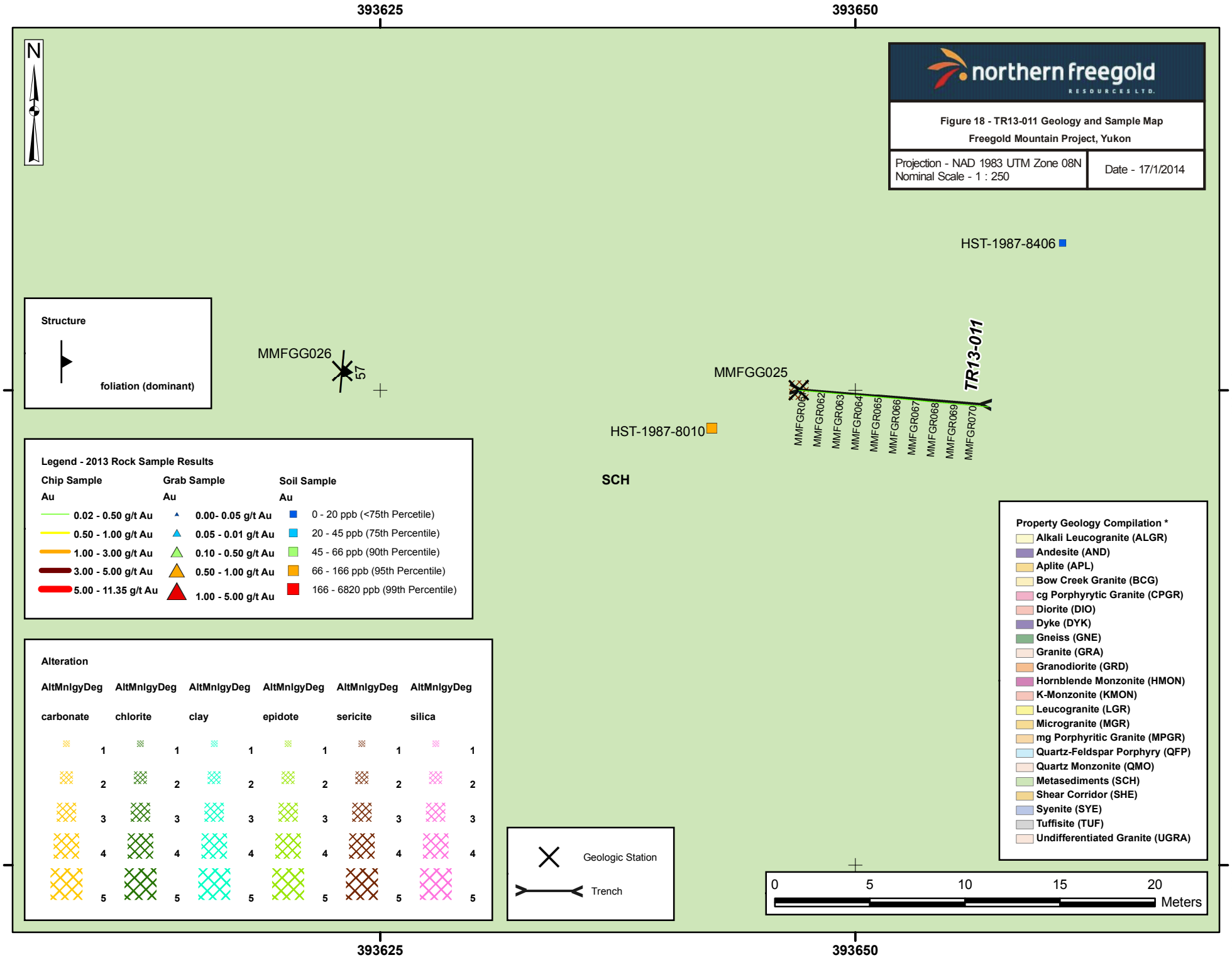
Trench TR13-011 was designed to groud-truth historic soil sample HST-1987-8010 which returned a 95th percentile value of 135 ppb Au. A total of 10 chip samples were collected from TR13-011. Local geology is characterized by metasedimentary rock (namely paraschist) which is biotite and quartz rich yielding a banded salt and pepper type texture. Moderate sericite alteration is commonly observed replacing primary metamorphic biotite and is often associated with quartz stringers and quartz rich segregations within the rock. Structure was very difficult to determine as the rock sampled in the trench was mostly rubble crop. Foliation measured at MMFGG026 located 25 metres west of TR13-011 had a strike of 005° and dips moderately to the east at 57° (RHR). Mineralization observed as 0.01 – 3.00 % very fine-fine grained disseminated pyrite occurs within the paraschist and quartz veinlets. Chip samples MMFGR061 – 070 did not yield any significant geochemical results. The historic soil sample result of 135 ppb Au remains unexplained and may represent preferential surficial enrichment of Au weathering from oxidized pyrite in the paraschist. Further work is not recommended in the immediate area.

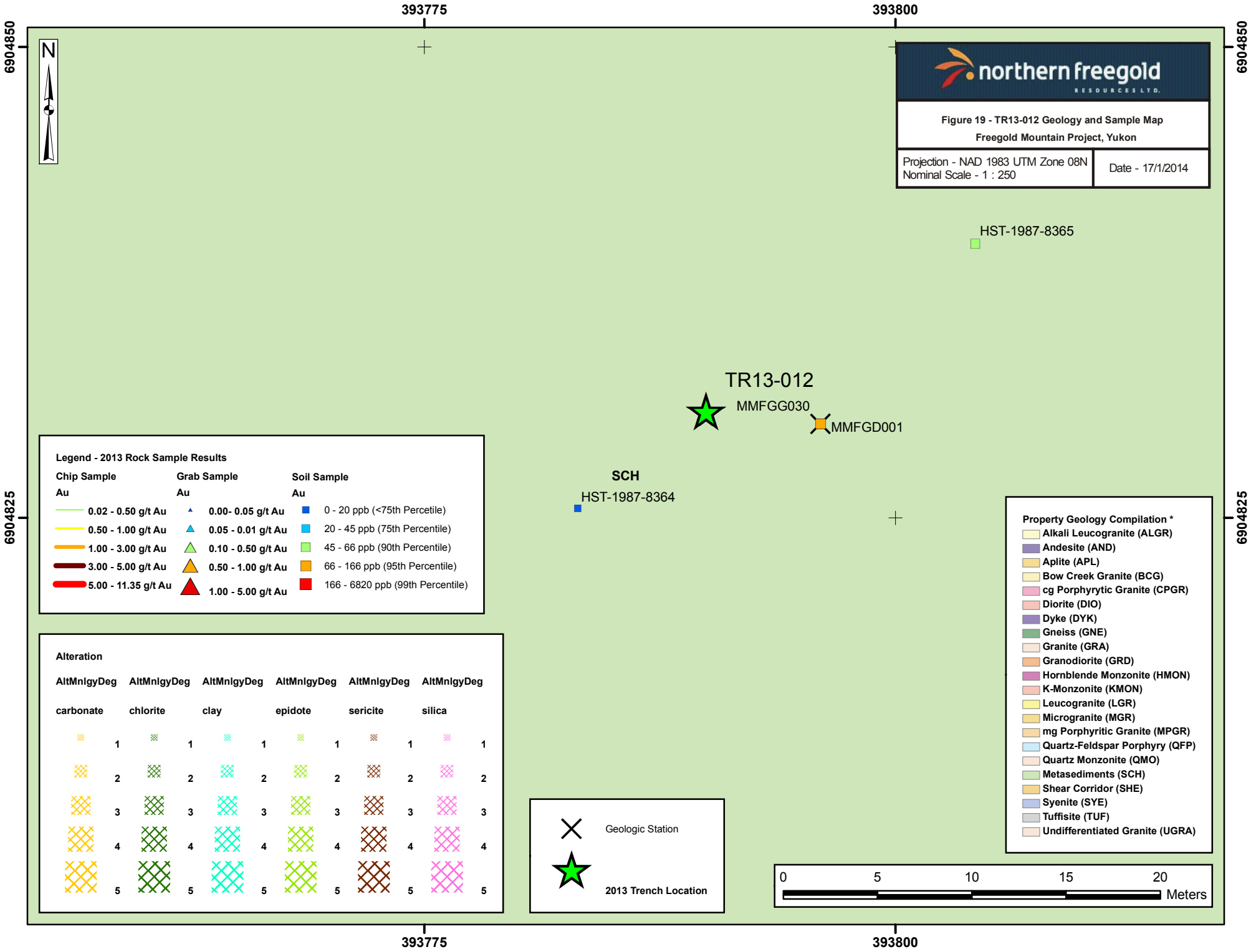
TR13-012 (Goldy Zone, Figure 19)

Trench TR13-012 was designed to ground-truth historic soil sample HST-1987-8365 which returned a 90th percentile value of 58 ppb Au and 95th percentile value of 166 ppm As. Permafrost inhibited trenching efforts and as a result only one dirt sample was collected from TR13-012. Bedrock was not encountered during trenching operations. Local geology is inferred from a regional scale to represent metasedimentary units. Dirt sample MMFGD001 collected from the C-horizon returned values of 78 ppb Au (95th percentile) and 572 ppm As (99th percentile) confirming the historic soil sample anomaly. Ground cover and permafrost make exploration extremely difficult in the area. Although the target area is not deemed a high-priority exploration target, future work is recommended when resources are available to further explore the area. Future work should include multi-stage trenching to accommodate for permafrost melting and bedrock mapping/sampling.

TR13-013 (Goldy Zone, Figure 20)

Trench TR13-013 (Figure 20), was designed to ground-truth historic soil sample HST-1987-8400 which returned a 99th percentile value of 240 ppb Au and a 90th percentile value of 126 ppm As. A total of 10 chip samples were collected from TR13-013. The trench is located approximately 78 metres south of HST-1987-8400 due to extensive permafrost in the immediate area of the historic sample. Prospecting ahead of trenching revealed a small outcrop of brecciated and veined quartz-feldspar porphyry, which became the new trench location. The local geology is characterized by metasedimentary rock (paraschist) and porphyry (felsite). Moderate to strong clay alteration and moderate chlorite preferentially altered the felsic porphyry yielding a light greenish hue to freshly broken surfaces. Fractures and the porphyry dyke had a general north-south trend, however good structural measurements were not obtained due to the strongly fractured nature of the bedrock. Intense crackle brecciation within the porphyry provided excellent fluid pathways and as a result a significant amount of silica flooding was present within the rock unit. Trace (0.01%) fine grained disseminated pyrite was observed within the silica rich breccia matrix. Chip samples MMFGR074 – 083 returned no significant results. Future work is not recommended in the area unless sufficient resources are readily available to return to HST-1987-8400 to perform multi-stage trenching.


393625
393650
6904725
6904700
N
northern freegold
RESOURCES LTD.
Figure 18 - TR13-011 Geology and Sample Map
Freegold Mountain Project, Yukon
Projection - NAD 1983 UTM Zone 08N
Nominal Scale - 1 : 250
Date - 17/1/2014
HST-1987-8406
Structure
foliation (dominant)
MMFGG026
57
MMFGG025
TR13-011
MMFGR061
MMFGR062
MMFGR063
MMFGR064
MMFGR065
MMFGR066
MMFGR067
MMFGR068
MMFGR069
MMFGR070
HST-1987-8010
SCH
Legend - 2013 Rock Sample Results
Chip Sample Au
0.02 - 0.50 g/t Au
0.50 - 1.00 g/t Au
1.00 - 3.00 g/t Au
3.00 - 5.00 g/t Au
5.00 - 11.35 g/t Au
Grab Sample Au
0.00- 0.05 g/t Au
0.05 - 0.01 g/t Au
0.10 - 0.50 g/t Au
0.50 - 1.00 g/t Au
1.00 - 5.00 g/t Au
Soil Sample Au
0 - 20 ppb (<75th Percetile)
20 - 45 ppb (75th Percentile)
45 - 66 ppb (90th Percentile)
66 - 166 ppb (95th Percentile)
166 - 6820 ppb (99th Percentile)
Property Geology Compilation *
Alkali Leucogranite (ALGR)
Andesite (AND)
Aplite (APL)
Bow Creek Granite (BCG)
cg Porphyrytic Granite (CPGR)
Diorite (DIO)
Dyke (DYK)
Gneiss (GNE)
Granite (GRA)
Granodiorite (GRD)
Hornblende Monzonite (HMON)
K-Monzonite (KMON)
Leucogranite (LGR)
Microgranite (MGR)
mg Porphyritic Granite (MPGR)
Quartz-Feldspar Porphyry (QFP)
Quartz Monzonite (QMO)
Metasediments (SCH)
Shear Corridor (SHE)
Syenite (SYE)
Tuffisite (TUF)
Undifferentiated Granite (UGRA)
Alteration
AltMnlgyDeg carbonate
AltMnlgyDeg chlorite
AltMnlgyDeg clay
AltMnlgyDeg epidote
AltMnlgyDeg sericite
AltMnlgyDeg silica
1
2
3
4
5
Geologic Station
Trench
0
5
10
15
20
Meters


393775
393800
6904850
6904825
N
northern freegold
RESOURCES LTD.
Figure 19 - TR13-012 Geology and Sample Map
Freegold Mountain Project, Yukon
Projection - NAD 1983 UTM Zone 08N
Nominal Scale - 1 : 250
Date - 17/1/2014
HST-1987-8365
TR13-012
MMFGG030
MMFGD001
SCH
HST-1987-8364
Legend - 2013 Rock Sample Results
Chip Sample Au
0.02 - 0.50 g/t Au
0.50 - 1.00 g/t Au
1.00 - 3.00 g/t Au
3.00 - 5.00 g/t Au
5.00 - 11.35 g/t Au
Grab Sample Au
0.00- 0.05 g/t Au
0.05 - 0.01 g/t Au
0.10 - 0.50 g/t Au
0.50 - 1.00 g/t Au
1.00 - 5.00 g/t Au
Soil Sample Au
0 - 20 ppb (<75th Percetile)
20 - 45 ppb (75th Percentile)
45 - 66 ppb (90th Percentile)
66 - 166 ppb (95th Percentile)
166 - 6820 ppb (99th Percentile)
Alteration
AltMnlgyDeg carbonate
AltMnlgyDeg chlorite
AltMnlgyDeg clay
AltMnlgyDeg epidote
AltMnlgyDeg sericite
AltMnlgyDeg silica
1
2
3
4
5
Geologic Station
2013 Trench Location
Property Geology Compilation *
Alkali Leucogranite (ALGR)
Andesite (AND)
Aplite (APL)
Bow Creek Granite (BCG)
cg Porphyrytic Granite (CPGR)
Diorite (DIO)
Dyke (DYK)
Gneiss (GNE)
Granite (GRA)
Granodiorite (GRD)
Hornblende Monzonite (HMON)
K-Monzonite (KMON)
Leucogranite (LGR)
Microgranite (MGR)
mg Porphyritic Granite (MPGR)
Quartz-Feldspar Porphyry (QFP)
Quartz Monzonite (QMO)
Metasediments (SCH)
Shear Corridor (SHE)
Syenite (SYE)
Tuffisite (TUF)
Undifferentiated Granite (UGRA)
0
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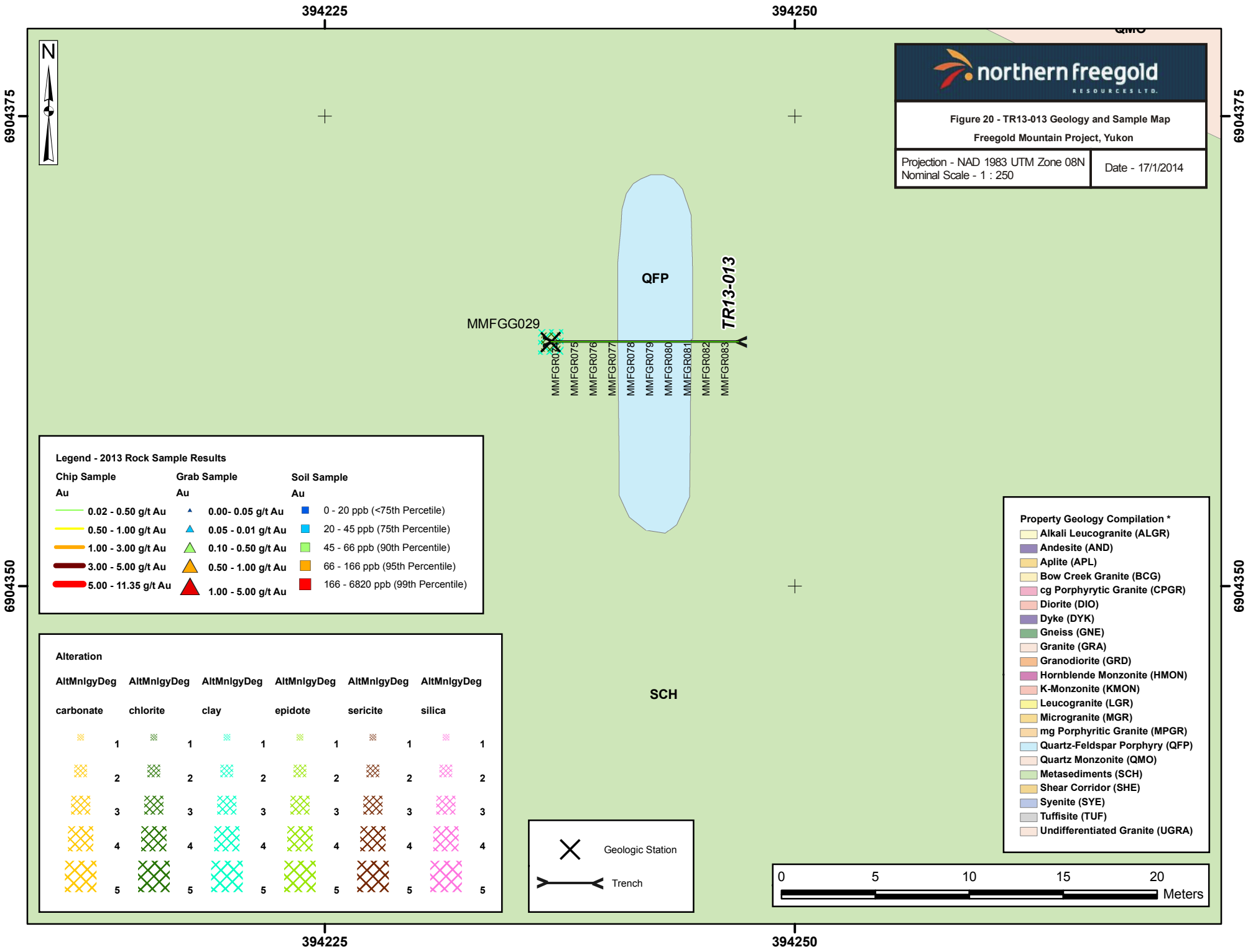
10
15
20
Meters

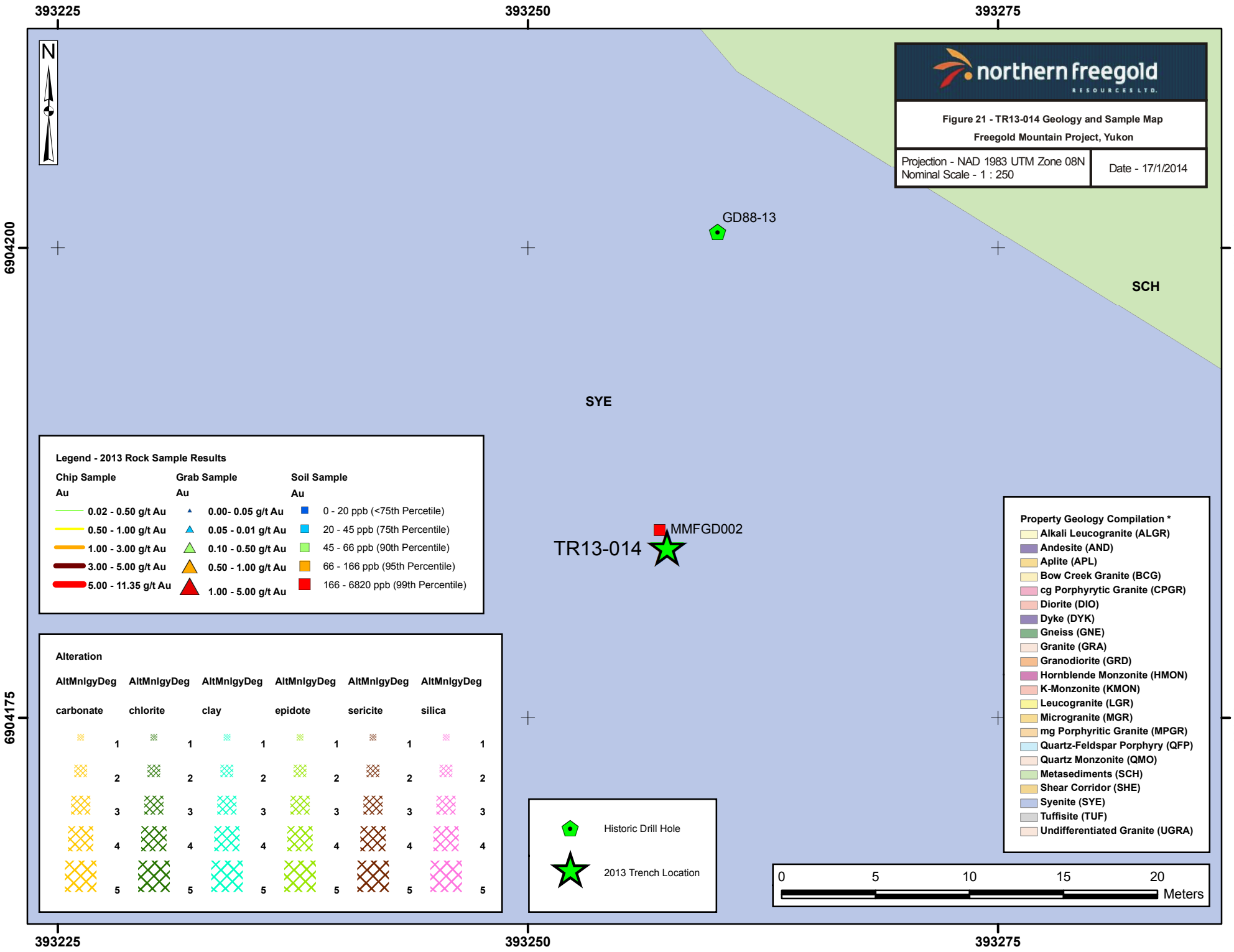

394225
394250
6904375
6904350
N
northern freegold
RESOURCES LTD.
Figure 20 - TR13-013 Geology and Sample Map
Freegold Mountain Project, Yukon
Projection - NAD 1983 UTM Zone 08N
Nominal Scale - 1 : 250
Date - 17/1/2014
QFP
TR13-013
MMFGG029
MMFGR074
MMFGR075
MMFGR076
MMFGR077
MMFGR078
MMFGR079
MMFGR080
MMFGR081
MMFGR082
MMFGR083
SCH
Legend - 2013 Rock Sample Results
Chip Sample Au
0.02 - 0.50 g/t Au
0.50 - 1.00 g/t Au
1.00 - 3.00 g/t Au
3.00 - 5.00 g/t Au
5.00 - 11.35 g/t Au
Grab Sample Au
0.00- 0.05 g/t Au
0.05 - 0.01 g/t Au
0.10 - 0.50 g/t Au
0.50 - 1.00 g/t Au
1.00 - 5.00 g/t Au
Soil Sample Au
0 - 20 ppb (<75th Percetile)
20 - 45 ppb (75th Percentile)
45 - 66 ppb (90th Percentile)
66 - 166 ppb (95th Percentile)
166 - 6820 ppb (99th Percentile)
Alteration
AltMnlgyDeg carbonate
AltMnlgyDeg chlorite
AltMnlgyDeg clay
AltMnlgyDeg epidote
AltMnlgyDeg sericite
AltMnlgyDeg silica
1
2
3
4
5
Geologic Station
Trench
Property Geology Compilation *
Alkali Leucogranite (ALGR)
Andesite (AND)
Aplite (APL)
Bow Creek Granite (BCG)
cg Porphyrytic Granite (CPGR)
Diorite (DIO)
Dyke (DYK)
Gneiss (GNE)
Granite (GRA)
Granodiorite (GRD)
Hornblende Monzonite (HMON)
K-Monzonite (KMON)
Leucogranite (LGR)
Microgranite (MGR)
mg Porphyritic Granite (MPGR)
Quartz-Feldspar Porphyry (QFP)
Quartz Monzonite (QMO)
Metasediments (SCH)
Shear Corridor (SHE)
Syenite (SYE)
Tuffisite (TUF)
Undifferentiated Granite (UGRA)
0
5
10
15
20
Meters

TR13-014 (Goldy Zone, Figure 21)

Trench TR13-014 was designed to ground-truth and extend (if possible) a mineralized zone defined in G88-13 which returned 0.22 opt Au/2.0 metres near surface (down hole depth 9.0 – 11.0 metres) located 120 meters northwest of the Goldy showing. Overburden and permafrost cover was found to be extensive at the site of the original drill collar so a new location was selected approximately 15 metres to the south where ground conditions appeared more amenable to trenching. Overburden hampered trenching efforts again, however one dirt sample was collected at the base of the test pit before it was reclaimed. Local geology interpreted from a regional scale is characterized by megacrystic syenite, andesite and rhyolite porphyry and metasedimentary rock (paraschist). Dirt sample MMFGD002 returned a 99th percentile value of 218 ppb Au and a 95th percentile value of 230 ppm As. This area represents a high-priority exploration target which warrants follow-up work to determine the full extent of the mineralized zone initially discovered in G88-13. Future exploration activities should include high-density C-horizon mechanized auger geochemical sampling program to define diamond drill targets.

TR13-015 & 016 (Goldy Zone, Figure 22)

Trenches TR13-015 and TR13-016 were designed to ground-truth historic soil samples HST-1987-8001 and HST-1987-7985 which returned 95th percentile values for both Au (110 ppb) and As (280 ppm) and 95th percentile As (180 ppm) respectively. Overburden and permafrost cover was found to be extensive at the historic sample sites which prevented field crews from reaching bedrock. Local geology interpreted from a regional scale is characterized by megacrystic syenite, andesite, quartz-feldspar porphyry and metasedimentary rock (paraschist). Dirt sample AHFGD004 did not return significant geochemical results (75th percentile Au). Dirt sample AHFGD005 did return significant geochemical results with a 99th percentile Au value of 113 ppb and a 99th percentile As value of 743 ppm. Future work in the area should include a detailed C-horizon mechanized auger geochemcial sampling program to determine the extent of the geochemical anomaly and it's relationship to the main Goldy Zone. If C-horizon geochemical results are favourable then diamond drilling would be prudent as overburden/soil cover is extensive and makes trenching and bedrock mapping prohibitive.


393225
393250
393275
6904200
6904175
N
northern freegold
RESOURCES LTD.
Figure 21 - TR13-014 Geology and Sample Map
Freegold Mountain Project, Yukon
Projection - NAD 1983 UTM Zone 08N
Nominal Scale - 1 : 250
Date - 17/1/2014
GD88-13
SCH
SYE
TR13-014
MMFGD002
Legend - 2013 Rock Sample Results
Chip Sample Au
0.02 - 0.50 g/t Au
0.50 - 1.00 g/t Au
1.00 - 3.00 g/t Au
3.00 - 5.00 g/t Au
5.00 - 11.35 g/t Au
Grab Sample Au
0.00- 0.05 g/t Au
0.05 - 0.01 g/t Au
0.10 - 0.50 g/t Au
0.50 - 1.00 g/t Au
1.00 - 5.00 g/t Au
Soil Sample Au
0 - 20 ppb (<75th Percetile)
20 - 45 ppb (75th Percentile)
45 - 66 ppb (90th Percentile)
66 - 166 ppb (95th Percentile)
166 - 6820 ppb (99th Percentile)
Alteration
AltMnlgyDeg carbonate
AltMnlgyDeg chlorite
AltMnlgyDeg clay
AltMnlgyDeg epidote
AltMnlgyDeg sericite
AltMnlgyDeg silica
1
2
3
4
5
Historic Drill Hole
2013 Trench Location
Property Geology Compilation *
Alkali Leucogranite (ALGR)
Andesite (AND)
Aplite (APL)
Bow Creek Granite (BCG)
cg Porphyrytic Granite (CPGR)
Diorite (DIO)
Dyke (DYK)
Gneiss (GNE)
Granite (GRA)
Granodiorite (GRD)
Hornblende Monzonite (HMON)
K-Monzonite (KMON)
Leucogranite (LGR)
Microgranite (MGR)
mg Porphyritic Granite (MPGR)
Quartz-Feldspar Porphyry (QFP)
Quartz Monzonite (QMO)
Metasediments (SCH)
Shear Corridor (SHE)
Syenite (SYE)
Tuffisite (TUF)
Undifferentiated Granite (UGRA)
0
5
10
15
20
Meters

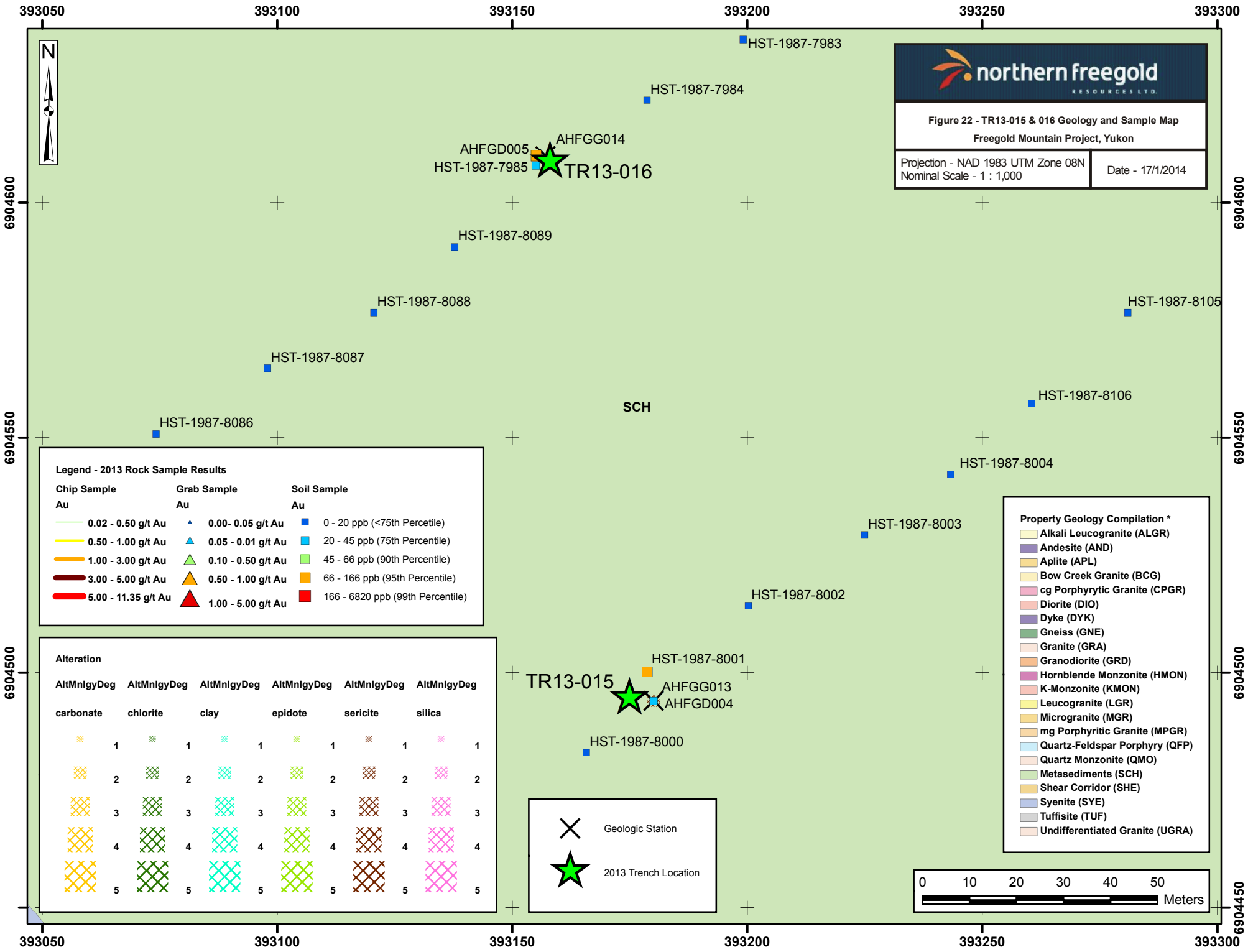

393050
393100
393150
393200
393250
393300
6904600
6904550
6904500
6904450
N
HST-1987-7983
HST-1987-7984
AHFGD005
AHFGG014
HST-1987-7985
TR13-016
HST-1987-8089
HST-1987-8088
HST-1987-8105
HST-1987-8087
HST-1987-8106
SCH
HST-1987-8086
HST-1987-8004
HST-1987-8003
HST-1987-8002
HST-1987-8001
TR13-015
AHFGG013
AHFGD004
HST-1987-8000
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Figure 22 - TR13-015 & 016 Geology and Sample Map
Freegold Mountain Project, Yukon
Projection - NAD 1983 UTM Zone 08N
Nominal Scale - 1 : 1,000
Date - 17/1/2014
Legend - 2013 Rock Sample Results
Chip Sample Au
0.02 - 0.50 g/t Au
0.50 - 1.00 g/t Au
1.00 - 3.00 g/t Au
3.00 - 5.00 g/t Au
5.00 - 11.35 g/t Au
Grab Sample Au
0.00- 0.05 g/t Au
0.05 - 0.01 g/t Au
0.10 - 0.50 g/t Au
0.50 - 1.00 g/t Au
1.00 - 5.00 g/t Au
Soil Sample Au
0 - 20 ppb (<75th Percetile)
20 - 45 ppb (75th Percentile)
45 - 66 ppb (90th Percentile)
66 - 166 ppb (95th Percentile)
166 - 6820 ppb (99th Percentile)
Property Geology Compilation *
Alkali Leucogranite (ALGR)
Andesite (AND)
Aplite (APL)
Bow Creek Granite (BCG)
cg Porphyrytic Granite (CPGR)
Diorite (DIO)
Dyke (DYK)
Gneiss (GNE)
Granite (GRA)
Granodiorite (GRD)
Hornblende Monzonite (HMON)
K-Monzonite (KMON)
Leucogranite (LGR)
Microgranite (MGR)
mg Porphyritic Granite (MPGR)
Quartz-Feldspar Porphyry (QFP)
Quartz Monzonite (QMO)
Metasediments (SCH)
Shear Corridor (SHE)
Syenite (SYE)
Tuffisite (TUF)
Undifferentiated Granite (UGRA)
Alteration
AltMnlgyDeg carbonate
AltMnlgyDeg chlorite
AltMnlgyDeg clay
AltMnlgyDeg epidote
AltMnlgyDeg sericite
AltMnlgyDeg silica
1
2
3
4
5
Geologic Station
2013 Trench Location
0
10
20
30
40
50
Meters

TR13-017 to 022 (Discovery Zone – Irene Showing, Figure 23)

Trenches TR13-017 to TR13-022 were not part of the original plan set forth at the beginning of the exploration program. Upon receiving word from local placer miners that bedrock was exposed at the base of their active workings, field geologists prospected the area and discovered the Irene Showing. A total of 34 chip samples and 4 grab samples were collected from 6 trenches. Historic work in the area includes a 353 sample soil survey (50 m stations on lines 100 m apart) within the Guder Creek drainage basin completed by Noranda in 1986 which has identified several areas of coincident > 90th percentile Au and As values. Boulders of magnetite carrying native gold were found in the creek during the 1986 program and returned assays up to 170.00 gpt Au, and are currently being recovered from active placer mining operations in Guder Gulch suggesting a local gold bearing magnetite skarn horizon sourced from the headwaters of the creek. Sampling in 1987 returned 2.20 gpt Au, 5.8 gpt Ag and 2560 ppm As from fractures within metasedimentary rock and pyrite stringers up to 10 cm wide have reportedly been observed in bedrock of the placer operation in Guder Gulch. Noranda conducted 242 line metres of mechanized trenching from six trenches during 1987 in the Guder Gulch area. The program was hindered by permafrost which limited bedrock exposure, however an assay of 2.14 gpt Au with 324 ppm As was returned from a bedrock sample in Trench TGC-87-02 located approximately 500 metres northwest of the Irene showing. The local geology is characterized by variably altered light grey to white metasedimentary rock (paraschist), buff white to grey quartz-feldspar porphyry and dark to light grey, medium grained hypidiomorphic biotite granodiorite. Both the metasedimentary unit and the biotite granodiorite display moderate to intense sericitic (quartz-sericite-pyrite) alteration and intense phyllic (clay) alteration. Intense chalcedonic quartz-pyrite replacement is directly related to brecciation/vein development and mineralization associated with brittle deformation, and is texture destructive. Clay alteration is pervasive within brittle shear zones and selectively replaces feldspar within the biotite granodiorite. Mineralization is contained within veins, veinlets, breccias and gouge which have preferentially exploited the faulted contact zone between the two rock units. Gold mineralization is intimately associated with arsenopyrite, stibnite and to a lesser degree pyrite and is hosted within a chalcedonic quartz-dolomite +/- calcite gangue. Arsenopyrite and stibnite were observed as 0.01 to 1.00 % very fine-coarse grained euhedral disseminations within the breccia matrix and fault gouge, and as semi-massive fracture fill within veins/veinlets.

The Irene showing is located within a prominent northwest trending structural feature which forms the steeply incised Guder Gulch, and is interpreted to be a splay of the Big Creek Fault Zone. Veining and mineralization parallel Guder Gulch and the contact between the two rock units with an average strike of 315° and dip moderately to steeply northeast from 53° to 90° (RHR). Brittle shear zones containing disseminated mineralization and abundant clay gouge also parallel the vein/breccia systems and the fault contact between the two rock units. A slickenline (stretching lineation) containing arsenopyrite mineralization observed at AHFGG015 (AHFGR066), trend 114°/plunge 35°, indicating that an unknown amount of right-lateral oblique strike-slip displacement was contemporaneous with mineralization. The same arsenopyrite stretching lineations were also noted within MMFGR144, but a measurement could not be taken due to the highly fractured nature of the bedrock. Post-mineralization brittle fault zones, occurring with what appears to be decimetre frequency, displaying an unknown amount of left-lateral displacement, offset the mineralized zone and have an orientation of strike 20 – 30 °/dip 50 – 60° (RHR). These late brittle faults are readily observed on the property orthophoto as a series of prominent north-northeast and north-northwest trending recessive lineaments, north and south of Guder creek respectively.

The sampling program at the Irene showing returned significant Au results with assay values up to 11.35 gpt Au over 1.0 metres. Refer to Table 3 for a detailed summary of trench results. All 6 bedrock trenches returned significant Au results and define a mineralized zone currently measuring 6.5 meters wide by 80.0 meters long. The zone remains open in all directions and represents a high-priority exploration target. Placer mining operations recovered >350 oz of alluvial gold during the 2013 season from the gravels immediately overlying the Irene showing. Examination of the gold nuggets indicated three distinct sources: 1) native gold occurring with magnetite in nuggets up to 4 ¾ oz; 2) native gold occurring in quartz with nuggets up to 1 ¼ oz ; 3) fine gold associated with bismuth and arsenopyrite-stibnite alloys. Native bismuth, bismuth alloys, magnetite and scheelite were also recovered from the placer operation. The significant amount of gold recovered by the placer mineras from a relatively small sample area, the variety of gold and the presence of favorable pathfinder elements such as bismuth, arsenopyrite and tungsten suggest that the Guder Gulch area was a fertile corridor for gold mineralization. Future exploration in the immediate area should include: compilation and evaluation of all historic data, remodeling of existing geophysical data (Mag, IP and VLF-EM) using petrophysical constraints, geochemical orientation surveys to determine the best method for seeing through extensive till cover, mechanized auger geochemical sampling where extensive till cover persists, conventional auger sampling where ground conditions permit, bedrock trenching following the placer operation disturbance, bedrock trenching of high-priority geochemical targets outside of the placer workings, and diamond drilling.

Plate 2: Sample AHFGR079 – Arsenopyrite-stibnite mineralization within gouge – 2.42 gpt Au/1.0 metre

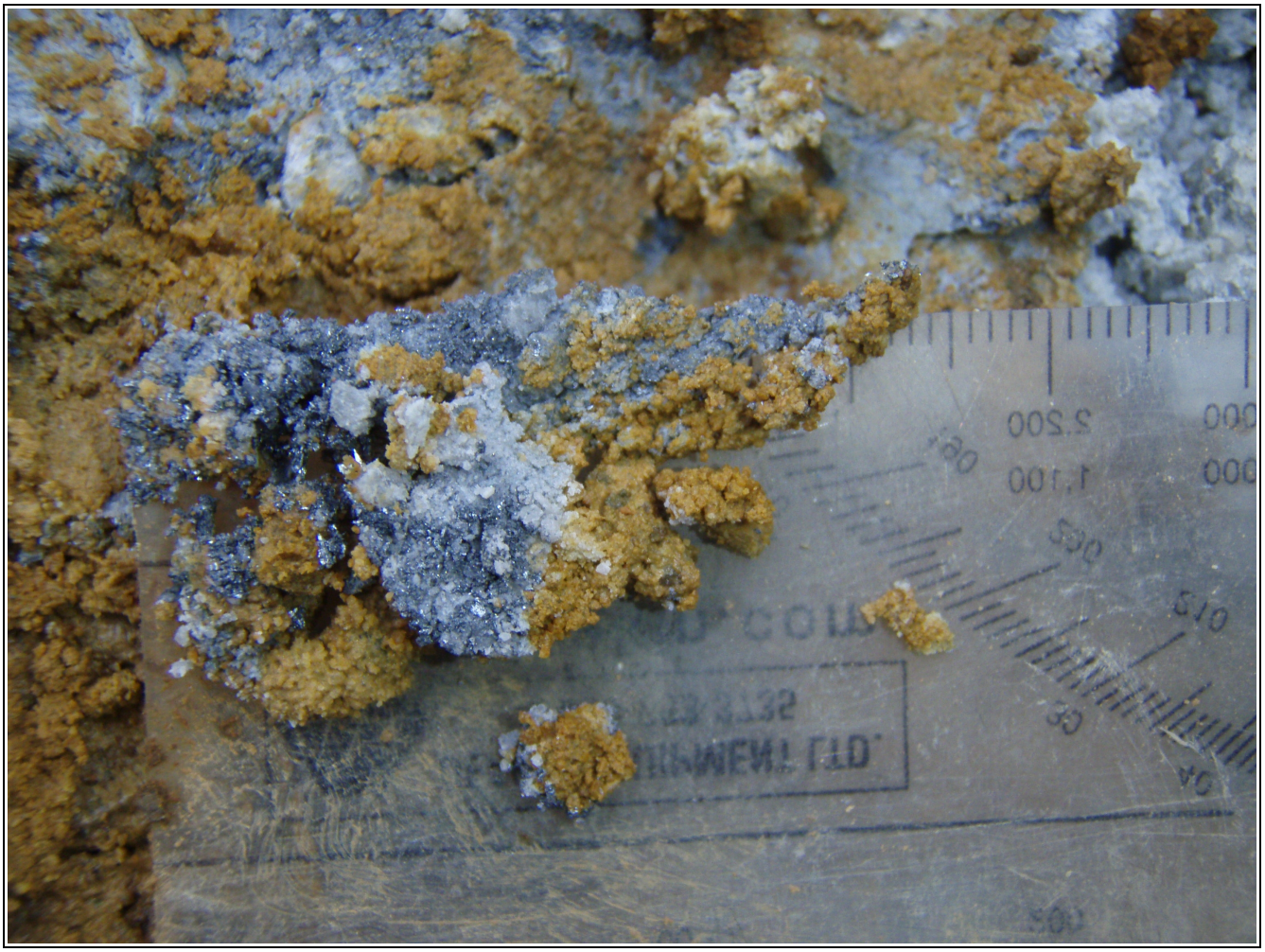

Plate 3: Sample AHFGR086 – Quartz-dolomite-pyrite-arsenopyrite breccia – 0.77 gpt Au – grab sample



Plate 4: Sample AHFGR087 – Brecciated biotite granodiorite with disseminated arsenopyrite – 3.77 gpt Au – grab sample



386550 386575 386600 386625

6910475 6910450 6910425

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Figure 23 - TR13-017 to 022 Geology and Sample Map
Freegold Mountain Project, Yukon

Projection - NAD 1983 UTM Zone 08N
Nominal Scale - 1 : 250

Date - 10/1/2014

AHFGG016
AHFGR075 AHFGR076 AHFGR077 AHFGR078 AHFGR072 AHFGR073 AHFGR074
E 82
83
TR13-018

MMFGG038
MMFGR155 MMFGR156 MMFGR158 MMFGR159
90
TR13-021

SCH

MMFGR084
MMFGG032
86
AHFGR065 AHFGR066 AHFGR067 AHFGR068 AHFGR069 AHFGR070 AHFGR071
Irene
AHFGG015
S 35
79
TR13-017
57

AHFGG001 MMFGR001
MMFGG001 AHFGR001

MMFGR085
MMFGG033
AHFGR080 AHFGR079
TR13-022
AHFGG017

MMFGR147 MMFGR148 MMFGR149 MMFGR151 MMFGR152 MMFGR153 MMFGR154
MMFGG037
TR13-020

MMFGR139 MMFGR140 MMFGR141 MMFGR142 MMFGR144 MMFGR145 MMFGR146
MMFGG036
69
TR13-019

GRD

Structure

- slickenline
- cleavage
- fracture
- shear plane
- vein (>10cm)
- veinlet (<10cm)

Legend - 2013 Rock Sample Results

Chip Sample Au	Grab Sample Au
0.02 - 0.50 g/t Au	0.00- 0.05 g/t Au
0.50 - 1.00 g/t Au	0.05 - 0.01 g/t Au
1.00 - 3.00 g/t Au	0.10 - 0.50 g/t Au
3.00 - 5.00 g/t Au	0.50 - 1.00 g/t Au
5.00 - 11.35 g/t Au	1.00 - 5.00 g/t Au

Alteration

AltMnlgyDeg carbonate	AltMnlgyDeg chlorite	AltMnlgyDeg clay	AltMnlgyDeg epidote	AltMnlgyDeg sericite	AltMnlgyDeg silica
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5

- Mineral Showing
- Geologic Station
- Trench

Property Geology Compilation* (refer to references)

- Alkali Leucogranite (ALGR)
- Andesite (AND)
- Aplite (APL)
- Bow Creek Granite (BCG)
- cg Porphyrytic Granite (CPGR)
- Diorite (DIO)
- Dyke (DYK)
- Gneiss (GNE)
- Granite (GRA)
- Granodiorite (GRD)
- Hornblende Monzonite (HMON)
- K-Monzonite (KMON)
- Leucogranite (LGR)
- Microgranite (MGR)
- mg Porphyritic Granite (MPGR)
- Quartz-Feldspar Porphyry (QFP)
- Quartz Monzonite (QMO)
- Metasediments (SCH)
- Shear Corridor (SHE)
- Syenite (SYE)
- Tuffisite (TUF)
- Undifferentiated Granite (UGRA)
- Gold Mineralization Envelope

0 5 10 15 20 Meters

TR13-023 & 024 (Dart Zone, Figure 24)

Trench TR13-023 was an existing trench that had been opened during the last diamond drilling campaign in 2007, but had never been mapped or sampled. Trench TR13-024 was designed to test a quartz vein that had been uncovered during stripping, west of the original trenching, but had never mapped or sampled. A total of 32 chip samples were collected from TR13-023 and a total of 4 chip samples were collected from TR13-024.

Historic work in the area dates back to the 1930's when the Emmons Hill or Dart shaft was sunk upon the discovery of high-grade auriferous and argentiferous quartz-calcite-barite veins. Historic chip sampling returned 0.68 metres of 124.1 gpt Au and 1.70 metres of 46.65 gpt Au from the Dart shaft at a depth of 23.0 metres. Since the initial discovery, numerous exploration campaigns have systematically explored the area through geophysical surveys and diamond drilling with limited success repeating the historic results. The drill programs did return zones of anomalous Au-Ag mineralization which were spatially associated with quartz-barite veining in proximity to altered quartz-feldspar porphyry dykes.

Local geology is characterized by light to dark grey metasedimentary rock (paraschist), and buff white – orange quartz-feldspar porphry dykes. Alteration is difficult to discern within the trench due to extensive oxidation and surficial weathering. Generally speaking, moderate to intense clay alteration was observed at the margins of the porphyry dykes and within brittle shear zones measuring up to 4.3 metres wide (MMFGR088 – MMFGR090) and 5.8 metres wide (MMFGR094 – 097). These zones are bright orange in colour and are extremely friable. Moderate silica alteration, and weak sericite alteration envelopes quartz-calcite-barite veins/veinlets. The prominent structural features observed within the trench (cleavage, gouge zones and veining) have a general north-south to north-northwest trend which dips moderately to the east from 40° - 61°. It appears as though the auriferous veins at the Dart showing formed as discreet vein systems within a brittle shear zone measuring approximately 80.0 metres wide. Veins measuring up to 80 cm true width (MMFGR091) contain trace - 5.00 % fine grained disseminated pyrite, 0.01- 0.05 % fine grained disseminated arsenopyrite, 0.05 - 0.1 % fine grained stibnite, 0.05 – 0.3 % medium-coarse grained pale green sphalerite and 0.1 – 0.5 % medium-coarse grained euhedral galena. Mineralization is hosted within a quartz-barite-carbonate+/-calcite gangue. Barite crystals are semi-transparent, euhedral and form tabular crystals measuring up to 30 mm in length. Mineralized veins weather to a chocolate brown colour and have a sooty appearance. Of the 32 chip samples collected from TR13-023 only one sample (MMFGR091) of a 0.80 metre quartz-barite-calcite-carbonate vein returned an anomalous Au value (658 ppb). Highly anomalous Zn values up to 5050 ppm (MMFGR091) were also returned from TR13-023. It is currently thought that the anomalous Zn values (> 304 ppm) found in all of the samples at this trench reflect preferential enrichment within the highly oxidized bedrock. Of the 4 chip samples collected from TR13-024 only one sample (MMFGR130) of a 0.06 metre wide quartz vein returned an anomalous Au value (348 ppb Au). Although the Dart Zone has produced high-grade gold results in the past it appears as though the distribution of veins within the shear zone, and of gold within the veins, is discontinuous and highly variable. Future work is recommended when sufficient resources are available to determine the strike extent of the mineralized vein system to the northwest through geochemical surveys and bedrock trenching. Further work is currently not recommended in the immediate area surrounding the Dart shaft, and should resume only if favourable results are obtained to the northwest.

Plate 5: Sample MMFGR091 – Quartz-barite-calcite-carbonate vein – 0.65 gpt Au/0.80 metres



393372 393397 393422 393447

6905951 6905926 6905901

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Figure 24 - TR13-023 & 024 Geology and Sample Map
Freegold Mountain Project, Yukon

Projection - NAD 1983 UTM Zone 08N
Nominal Scale - 1 : 200

Date - 28/1/2014

Structure

- slickenline
- cleavage
- vein (>10cm)
- veinlet (<10cm)

Legend - 2013 Rock Sample Results

Chip Sample Au	Grab Sample Au
0.02 - 0.50 g/t Au	0.00- 0.05 g/t Au
0.50 - 1.00 g/t Au	0.05 - 0.01 g/t Au
1.00 - 3.00 g/t Au	0.10 - 0.50 g/t Au
3.00 - 5.00 g/t Au	0.50 - 1.00 g/t Au
5.00 - 11.35 g/t Au	1.00 - 5.00 g/t Au

Alteration

AltMnlgyDeg carbonate	AltMnlgyDeg chlorite	AltMnlgyDeg clay	AltMnlgyDeg epidote	AltMnlgyDeg sericite	AltMnlgyDeg silica
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5

MMFGR086 MMFGR087 MMFGR088 MMFGR089 MMFGR090 MMFGR091 MMFGR092 MMFGR093 MMFGR094 MMFGR095 MMFGR096 MMFGR097 MMFGR098 MMFGR099 MMFGR111 MMFGR112 MMFGR113 MMFGR114 MMFGR115 MMFGR116 MMFGR117 MMFGR118 MMFGR119 MMFGR120 MMFGR121 MMFGR122 MMFGR123 MMFGR124 MMFGR125 MMFGR126 MMFGR127 MMFGR128

MMFGG034

TR13-023

87 39 13 S 59 40 61 36

QFP

QFP

MMFGR129 MMFGR130 MMFGR131 MMFGR132

MMFGG035

TR13-024

60

SCH

Property Geology Compilation* (refer to references)

- Alkali Leucogranite (ALGR)
- Andesite (AND)
- Aplite (APL)
- Bow Creek Granite (BCG)
- cg Porphyritic Granite (CPGR)
- Diorite (DIO)
- Dyke (DYK)
- Gneiss (GNE)
- Granite (GRA)
- Granodiorite (GRD)
- Hornblende Monzonite (HMON)
- K-Monzonite (KMON)
- Leucogranite (LGR)
- Microgranite (MGR)
- mg Porphyritic Granite (MPGR)
- Quartz-Feldspar Porphyry (QFP)
- Quartz Monzonite (QMO)
- Metasediments (SCH)
- Shear Corridor (SHE)
- Syenite (SYE)
- Tuffisite (TUF)
- Undifferentiated Granite (UGRA)

- Geologic Station
- Trench

0 5 10 15 20 Meters

Table 3 - Significant Trench Results

Zone	Trench	Easting	Northing	Chip Sample Results
Discovery	*TR13-001*	390077	6908405	***0.01 gpt Au/28.0 m***
Discovery	*TR13-002*	387698	6910730	***0.02 gpt Au/26.0 m***
Discovery	*TR13-003*	389942	6907881	***0.003 gpt Au/18.0 m***
Discovery	*TR13-004*	387723	6910526	***0.01 gpt Au/10.0 m***
Discovery	*TR13-005*	387520	6911713	***0.002 gpt Au/10.0 m***
Discovery	*TR13-006*	388709	6909695	***Did not reach bedrock***
Discovery	*TR13-007*	387114	6911201	***0.04 gpt Au/4.0 m***
Discovery	*TR13-008*	387093	6911229	***0.08 gpt Au/5.0 m***
Goldy	*TR13-009*	393653	6904495	***Did not reach bedrock***
Goldy	*TR13-010*	393684	6904496	***2.47 gpt Au/1.0 m***
Goldy	*TR13-011*	393647	6904725	***0.003 gpt Au/10.0 m***
Goldy	*TR13-012*	393790	6904831	***Did not reach bedrock***
Goldy	*TR13-013*	394236	6904362	***0.002 gpt/10.0 m***
Goldy	*TR13-014*	393257	6904184	***Did not reach bedrock***
Goldy	*TR13-015*	393175	6904495	***Did not reach bedrock***
Goldy	*TR13-016*	393158	6904609	***Did not reach bedrock***
Irene	*TR13-017*	386583	6910441	***0.93 gpt Au/6.5 m (including 3.57 gpt Au/1.5 m)***
Irene	*TR13-018*	386550	6910470	***3.47 gpt Au/7.0 m (including 10.90 gpt Au/1.0 m)***
Irene	*TR13-019*	386608	6910424	***2.24 gpt Au/7.0 m (including 3.05 gpt Au/3.0 m; also including 4.82 gpt Au/1.0 m)***
Irene	*TR13-020*	386598	6910430	***0.48 gpt Au/7.0 m (including 1.49 gpt Au/2.0 m)***
Irene	*TR13-021*	386570	6910461	***7.11 gpt Au/3.0 m (including 10.1 gpt Au/2.0 m)***
Irene	*TR13-022*	386588	6910435	***1.65 gpt Au/2.5 m***
Dart	*TR13-023*	393437	6905934	***0.03 gpt Au/38.6 m***
Dart	*TR13-024*	393400	6905922	***0.16 gpt Au/4.0 m***
Discovery	*TR13-025*	387762	6910456	***0.003 gpt Au/4.0 m***
Discovery	*TR13-026*	388653	6909540	***Did not reach bedrock***

Geochemical Statistics

A comprehensive compilation and analysis of geochemical data was completed prior to entering the field. The following provides a general overview of methodologies adopted for the Project.

The goal of a geochemical analysis program is to provide statistics and correlative analysis on mineralization, lithology and background geochemical values. The initial focus was to tag all of the soil samples with their underlying respective lithology. From this exercise it was determined that the bedrock geology map did not have enough control and detail and therefore we would treat the statistical and correlative analysis in terms of previously identified mineralogical zones. The first process consisted of compiling all historic drill hole and trench rocks samples into one file so that it could be brought into IoGas (statistical analysis software) for analysis. Similar files were created for the entire historic silt sample and soil sample datasets.

Once these files are brought into IoGas, the data can be processed for statistical analysis and elemental correlations. The first stage is to establish elemental correlations between elements of interest such as Au and Ag and other ore forming pathfinder elements such as As, Bi and Sb. It is extremely helpful to get a better understanding of the geochemical breakdown of the mineralization zones so that correlative anomalies can be distinguished in the soil and silt samples for elements that are better pathfinders in geochemical analysis instead of focusing on the highly volatile and irregular nature of gold distribution for example.

Once the complete list of elements of interest had been established, the next step was to complete statistical analysis on the soils and silt samples so that anomalous cut off values could be calculated for each mineralogical zone. To get representative cut off values for all of the elements, outliers were taken out of the statistical equation. There are a few problems that arise when completing an analysis of such a large dataset that contains a lot of historical data with differing laboratory analytical techniques along with fractional elemental results. To this regard, certain elements that have lower levels of anomalous values need to be taken with caution due to analytical detection limits, Sb and Hg for example. Certain elements are much less represented than others when looking at the dataset as a whole, which skews the statistics as they are likley derived from a limited spacial distribution in comparison with other elements. As more sampling is completed, the statistics will be refined as we get a better understanding of the elemental distribution within the distinct mineralogical zones.

Once better lithological control has been established on the property, the next logical step is to incorporate background statistical values for the different geological units into both the correlative and statistical targeting matrices. This will give the most accurate representation of the geochemical distribution of mineralization within the target AOI's and better refine and identify moderate-strong, widespread multi-elemental geochemical anomalies for follow-up exploration.

Through the systematic evaluation of geochemistry using multi-element correlation plots and multi-element geostatistics detailed above, a suite of elements directly linked to gold mineralization have been identified. These pathfinder elements were used to identify and prioritize exploration targets prior to and whilst in the field. The following table provides a summary of the geochemical analysis which was performed for the 2013 AOI's. Future work on the property should focus on further compilation and refining of the geochemical analysis for all zones of interest on the property.

Table 4 - Correlation matrix and geochemical statistics for gold pathfinder elements

Correlation Matrix and Statistics for Gold Pathfinder Elements

Correlation Matrix calculated using rock data collected from DDH and trench assays

Discovery Zone	**Historic Data to 2012**	**Correlation Matrix - Seymour**	**Ag**	**As**	**Bi**	**Pb**	**Sb**
		Au	0.77	0.63	0.72	0.40	0.47
		Ag			0.93	0.53	
		Correlation Matrix - Goldstar	**As**	**Bi**	**Cu**	**Mo**	**Pb**
		Au	0.73	0.98	0.74	0.93	0.91
		Ag	0.76	0.93	0.79	0.85	0.92
		Correlation Matrix - Ridge	**Ag**	**As**	**Cd**	**Cu**	**Sb**
		Au	0.66	0.75	0.63	0.58	0.68
		Ag	1	0.60	0.69	0.60	0.86
		Correlation Matrix - Stoddart	**Ag**	**Cu**			
		Au	0.6	0.72			
		Ag	1	0.67			
	2013	**Correlation Matrix - Discovery**	**Ag**	**As**	**Cu**	**Pb**	**Bi**
		Au	0.04	0.71			
		Ag	1		0.94	0.88	0.82
	Historic Data to 2012	**Soil Statistics - Discovery Compilation***	**Au ppb**	**As ppm**	**Bi ppm**	**Pb ppm**	**Sb ppm**
		(75th Percentile)	15	45	15	44	15
		(90th Percentile)	36	105	20	62	20
		(95th Percentile)	64	198	25	81	30
		(99th Percentile)	208	467	35	156	40
		Discovery soil compilation contains data from Goldstar, Seymour, Castle, Stoddart, Ridge					
	2011 - 2013	**Soil Statistics - Discovery***	**Au ppb**	**As ppm**	**Bi ppm**	**Pb ppm**	**Sb ppm**
		(75th Percentile)	18	97	1.2	47	4.4
		(90th Percentile)	35	226	2.4	101	8.1
		(95th Percentile)	49	350	3.6	145	13.1
		(99th Percentile)	92	660	9.0	272	27.5
		Discovery soil statistics calculated from soil data collected from the Seymour and 1935 Shaft Zones for all samples analyzed via ME-MS51 from 2011 - 2013					
Goldy-Dart Zone	**Historic Data**	**Correlation Matrix - Goldy**	**As**	**Cd**	**Pb**	**Zn**	**Hg**
		Au	0.58	0.58			
		Ag			0.75	0.52	
		Correlation Matrix - Dart	**Ag**	**Cu**	**Pb**	**Zn**	**Hg**
		Au	0.50	0.54	0.74	0.38	
		Ag	1	0.70	0.75	0.74	
	2013	**Correlation Matirx - Goldy & Dart**	**As**	**Cd**	**Pb**	**Cu**	**Hg**
		Au	0.80	0.12			0.64
		Ag	1	0.48	0.81	0.43	
	Historic Data	**Soil Statistics - Goldy**	**Au ppb**	**As ppm**			
		(75th Percentile)	20	33			
		(90th Percentile)	45	78			
		(95th Percentile)	66	141			
		(99th Percentile)	166	400			
		No other elements were analyzed in historic geochemical survey					
	2013	**Soil Statistics - Goldy-Dart Zone**	**Au ppb**	**As ppm**	**Cd ppm**	**Cu ppm**	**Pb ppm**
		(75th Percentile)	6	41	0.3	21	12
		(90th Percentile)	13	91	0.4	26	30
		(95th Percentile)	15	138	0.6	30	63
		(99th Percentile)	74	413	1.4	35	116
	Total Combined	**Soil Statistics - Goldy-Dart Zone Combined**	**Au ppb**	**As ppm**			
		(75th Percentile)	9	35			
		(90th Percentile)	20	80			
		(95th Percentile)	35	140			
		(99th Percentile)	100	450			
Freegold	**2009**	**Silt Statistics - Freegold Mountain Property**	**Au ppb**	**As ppm**	**Bi ppm**	**Pb ppm**	**Sb ppm**
		(75th Percentile)	30	48	0.8	16	2.8
		(90th Percentile)	96	99	2.8	28	6.9
		(95th Percentile)	202	172	6.6	65	9.5
		(99th Percentile)	372	384	19.4	155	16.4

Geochemical Surveys

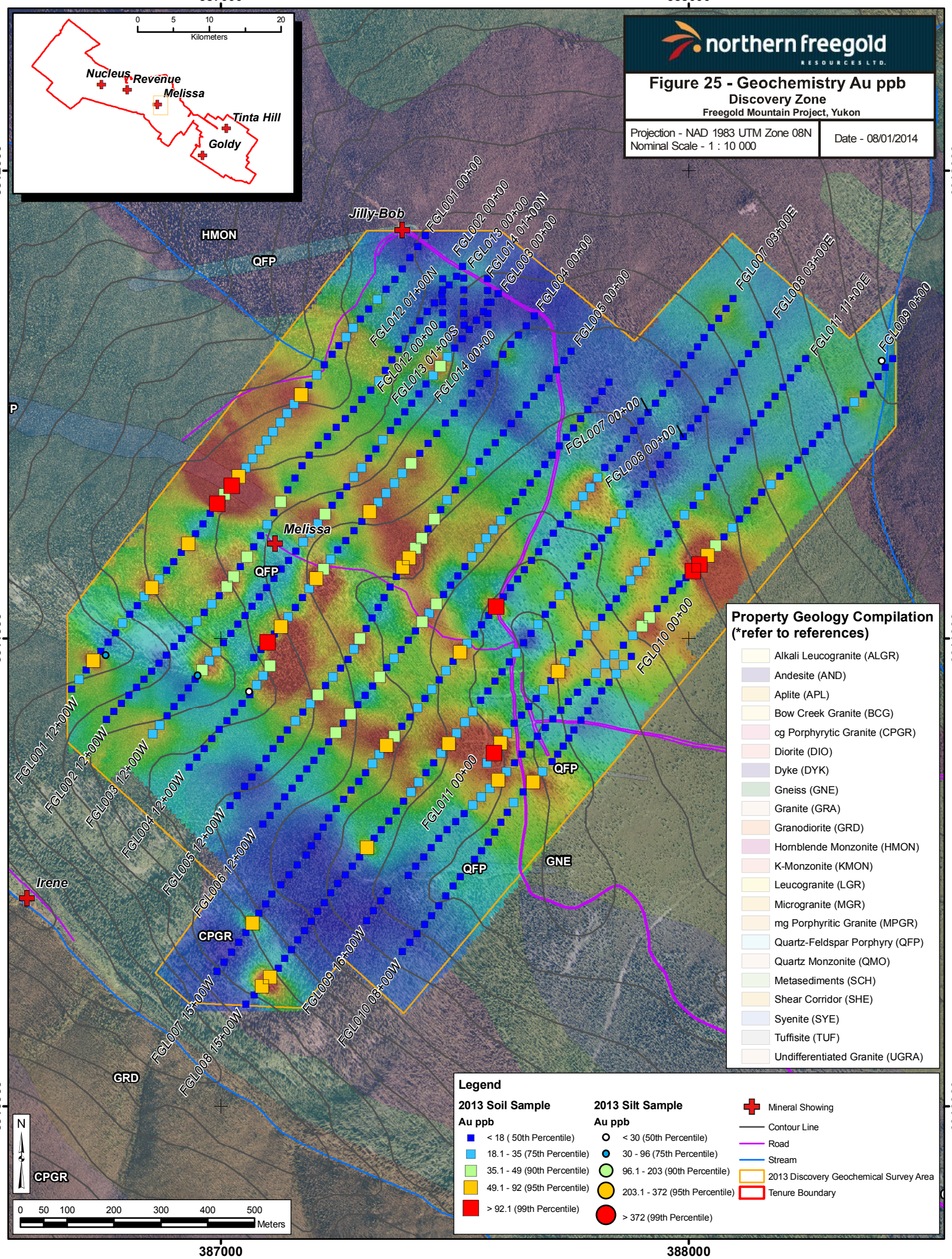
Soil Sampling

A total of 1176 conventional soil samples were collected on the property using an EDELMAN Dutch Auger (Fixed handle). Soil sample stations were spaced at 25 metre intervals. All sample site information was recorded in the field using portable iPod devices with customized data entry forms. Soil samples were obtained from the B-horizon where possible and best efforts were made to remove all volcanic ash prior to placing the material into the kraft soil bag. Geologic technicians recorded all instances where permafrost was encountered at sample stations to begin building a database of permafrost distribution across the property. All samples were sent to ALS Minerals in Whitehorse, YT for preparation and analysis. Refer to appendix III for a detailed description of field sampling procedures and analytical methods.

Three areas of interest (Figure 6 and Figure 7) were selected in the spring of 2013 for infill geochemical surveys. These areas are as follows: Discovery "formerly Seymour", 1935 Shaft and Goldy-Dart. The following summaries highlight high-priority targets derived from the results.

Discovery Zone

A total of 13 sample lines covering 14.7 line kilometres represented by 590 samples were completed in the Discovery Zone. The survey successfully delineated a 150 – 300 metre wide by 900 metre long west-northwest trending zone of coincident anomalous gold (90th – 99th percentile) – silver (90th – 99th percentile) – arsenic (90th – 99th percentile) – bismuth (75th – 99th percentile) – lead (90th 99th percentile) – antimony (75th – 99th percentile) east of the existing geochemical grid completed in 1986 and west of the geochemical grid completed in 2011. The total strike length of the anomalous gold zone (> 90th percentile) is currently defined up to 1.7 km. The anomaly is interpreted to define a widespread hydrothermal alteration zone spatially associated with quartz-feldspar porphyry dyke swarms and west-northwest trending structural lineaments. The northern margin of the anomaly is diffuse and irregular whilst the southern margin is abruptly terminated by a steeply incised drainage. The anomaly encompasses the historic Melissa and Lucinda showings. Surprisingly, favorable geochemical results were not obtained from soils east of the Jilly-Bob polymetallic vein system demonstrating that mineralization is not always dispersed uniformly or detectable through the soil profile. Geochemical results from chip samples collected from TR13-002 indicate that both the quartz-feldspar porphyry dykes and metasedimentary rocks have elevated levels of As and future evaluation of the target area should focus on leveling geochemical statistics with geologic units where control exists to further refine high priority targets.


387000
388000
6912000
6911000
6910000
0 5 10 20
Kilometers
Nucleus
Revenue
Melissa
Tinta Hill
Goldy
northern freegold
RESOURCES LTD.
Figure 25 - Geochemistry Au ppb
Discovery Zone
Freegold Mountain Project, Yukon
Projection - NAD 1983 UTM Zone 08N
Nominal Scale - 1 : 10 000
Date - 08/01/2014
Jilly-Bob
HMON
QFP
FGL001 00+00
FGL002 00+00
FGL013 00+00
FGL011 01+00N
FGL003 00+00
FGL004 00+00
FGL005 00+00
FGL007 03+00E
FGL008 03+00E
FGL011 11+00E
FGL009 0+00
FGL012 01+00N
FGL012 00+00
FGL013 01+00S
FGL014 00+00
FGL007 00+00
FGL008 00+00
FGL010 00+00
Melissa
QFP
FGL001 12+00W
FGL002 12+00W
FGL003 12+00W
FGL004 12+00W
FGL005 12+00W
FGL006 12+00W
FGL011 00+00
QFP
GNE
QFP
Irene
CPGR
FGL009 16+00W
FGL010 08+00W
FGL007 15+00W
FGL008 15+00W
GRD
CPGR
Property Geology Compilation
(*refer to references)
Alkali Leucogranite (ALGR)
Andesite (AND)
Aplite (APL)
Bow Creek Granite (BCG)
cg Porphyrytic Granite (CPGR)
Diorite (DIO)
Dyke (DYK)
Gneiss (GNE)
Granite (GRA)
Granodiorite (GRD)
Hornblende Monzonite (HMON)
K-Monzonite (KMON)
Leucogranite (LGR)
Microgranite (MGR)
mg Porphyritic Granite (MPGR)
Quartz-Feldspar Porphyry (QFP)
Quartz Monzonite (QMO)
Metasediments (SCH)
Shear Corridor (SHE)
Syenite (SYE)
Tuffisite (TUF)
Undifferentiated Granite (UGRA)
Legend
2013 Soil Sample
Au ppb
< 18 (50th Percentile)
18.1 - 35 (75th Percentile)
35.1 - 49 (90th Percentile)
49.1 - 92 (95th Percentile)
> 92.1 (99th Percentile)
2013 Silt Sample
Au ppb
< 30 (50th Percentile)
30 - 96 (75th Percentile)
96.1 - 203 (90th Percentile)
203.1 - 372 (95th Percentile)
> 372 (99th Percentile)
Mineral Showing
Contour Line
Road
Stream
2013 Discovery Geochemical Survey Area
Tenure Boundary
N
0 50 100 200 300 400 500
Meters

northern freegold RESOURCES LTD.

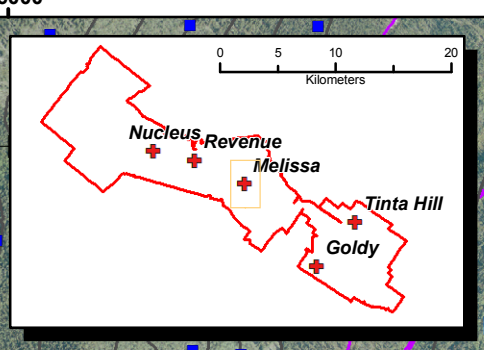
Figure 26 - Historic Geochemistry Au ppb

Discovery Zone

Freegold Mountain Project, Yukon

Projection - NAD 1983 UTM Zone 08N
Nominal Scale - 1 : 10 000

Date - 08/01/2014



386000 387000 388000

6913000 6912000 6911000 6910000

Jilly-Bob
Melissa
Irene
HMON
QFP
SCH
CPGR
DYK

N

0 50 100 200 300 400 500
Meters

Legend

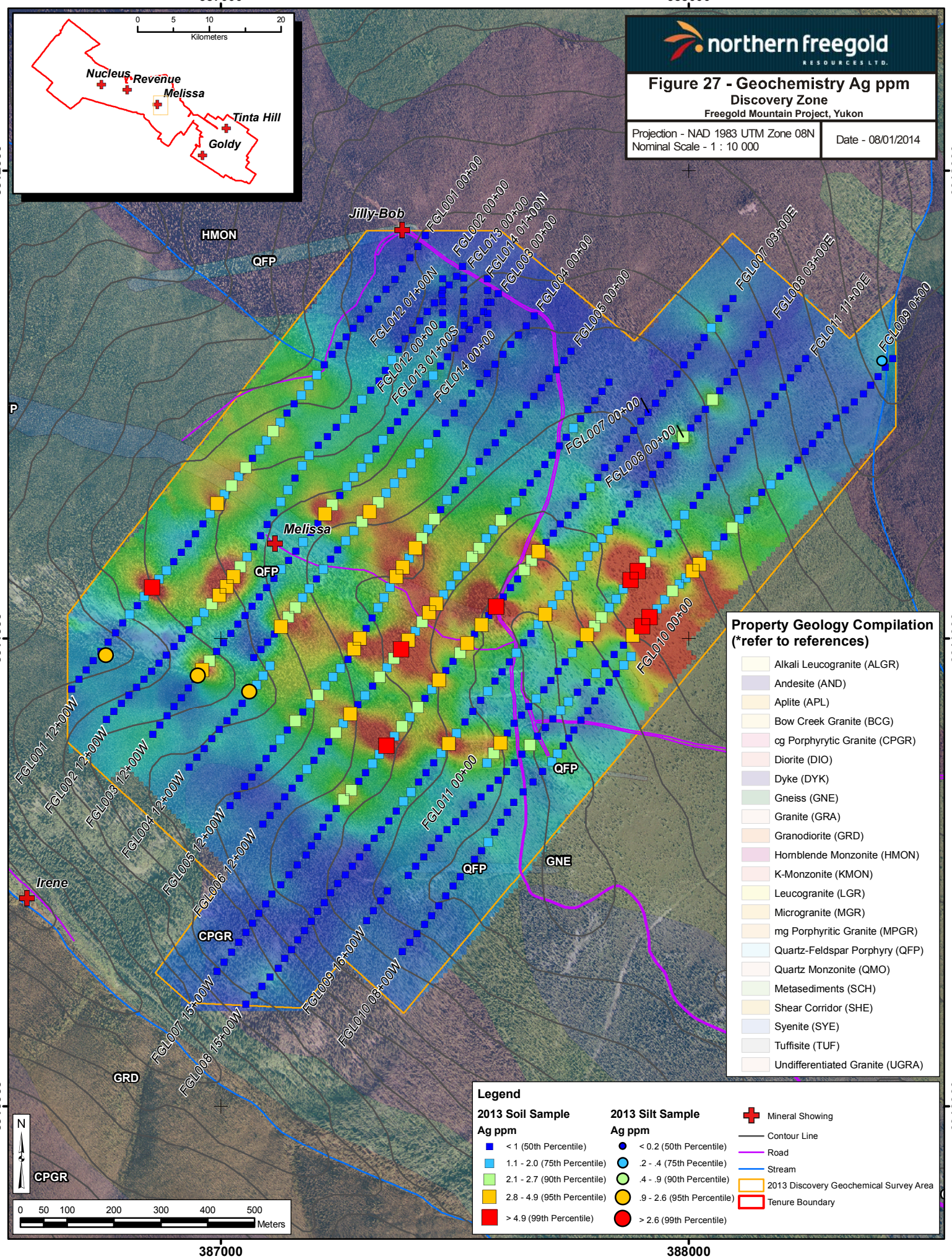
Historic Soil Samples
Au ppb
- 0.1 - 15 (<75th Percentile)
- 15 - 36 (75th Percentile)
- 36 - 64 (90th Percentile)
- 64 - 208 (95th Percentile)
- 208 - 4135 (99th Percentile)

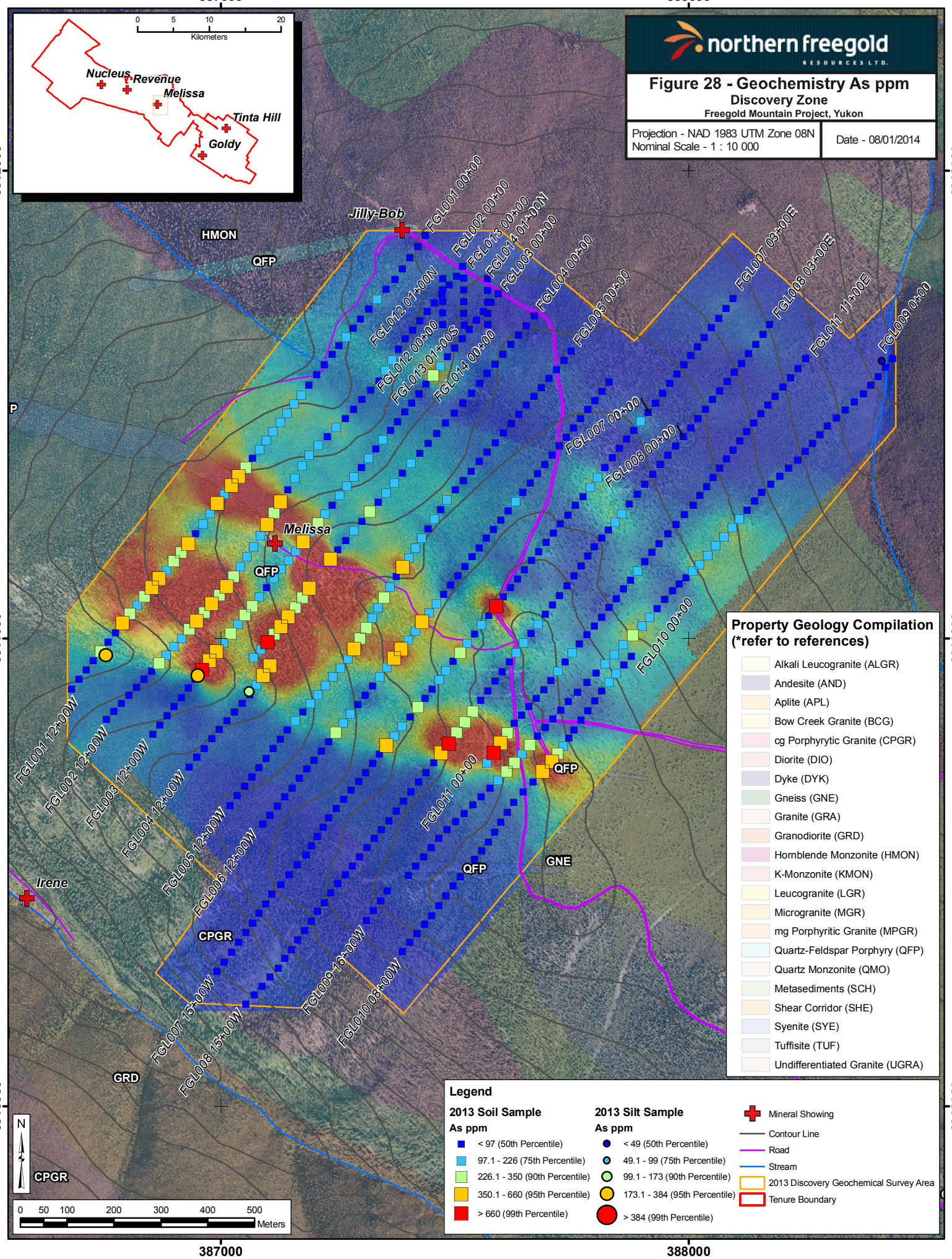
Historic Silt Samples
Au ppb
- (<50th Percentile)
- (75th Percentile)
- (90th Percentile)
- (95th Percentile)
- (99th Percentile)

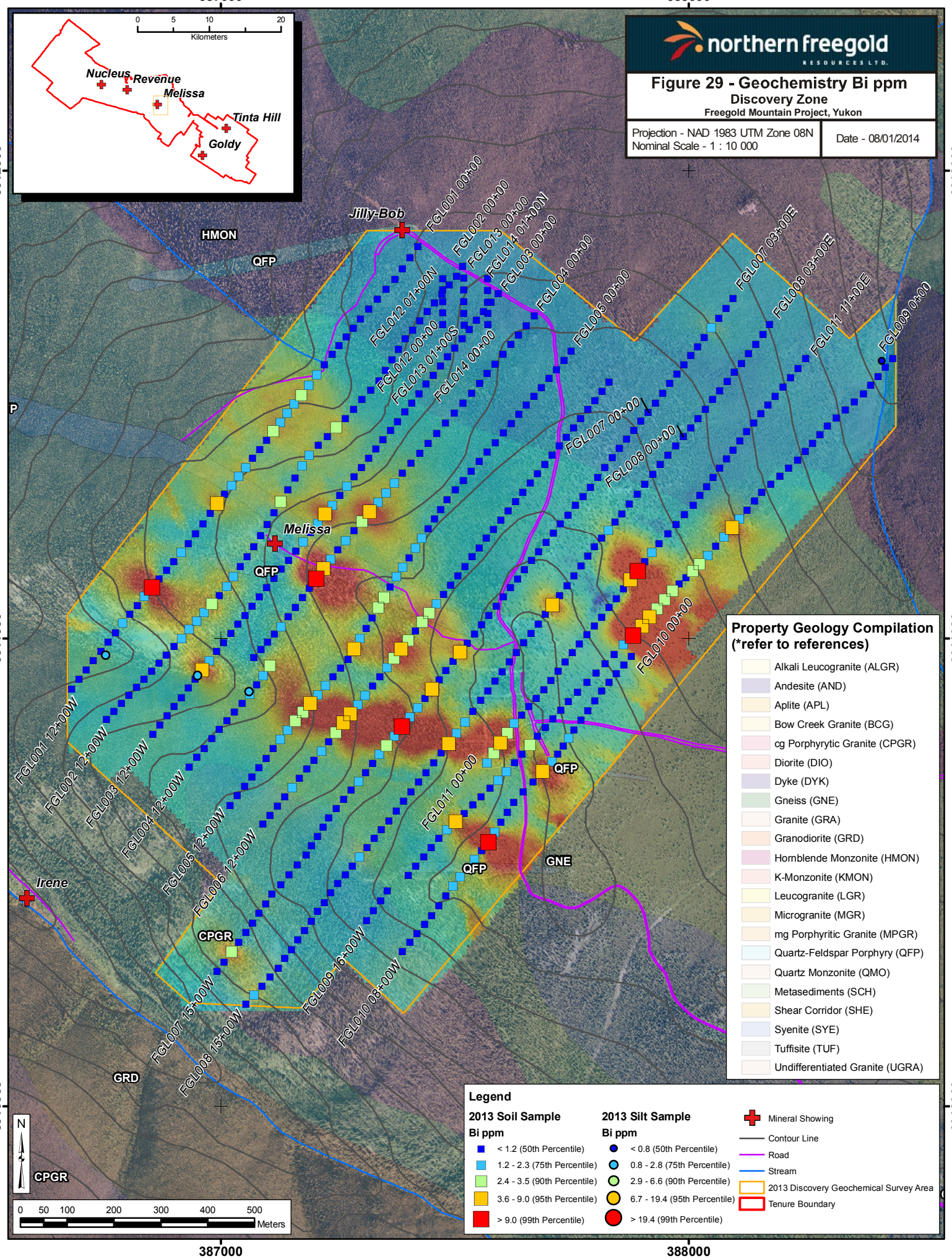
- Mineral Showing
- Contour Line
- Road
- Stream
- 2013 Discovery Geochemical Survey Area
- Tenure Boundary

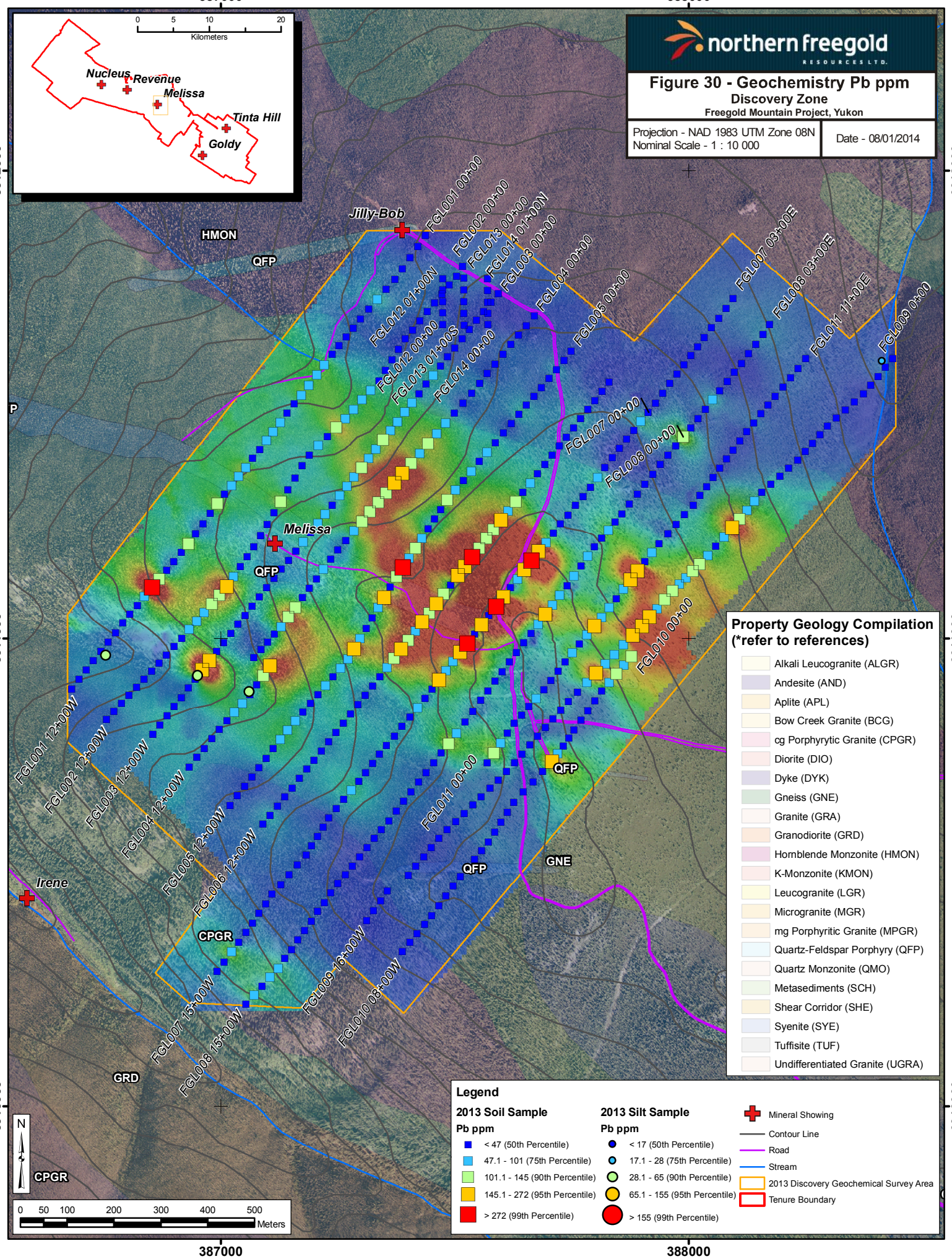
Property Geology Compilation (*refer to references)

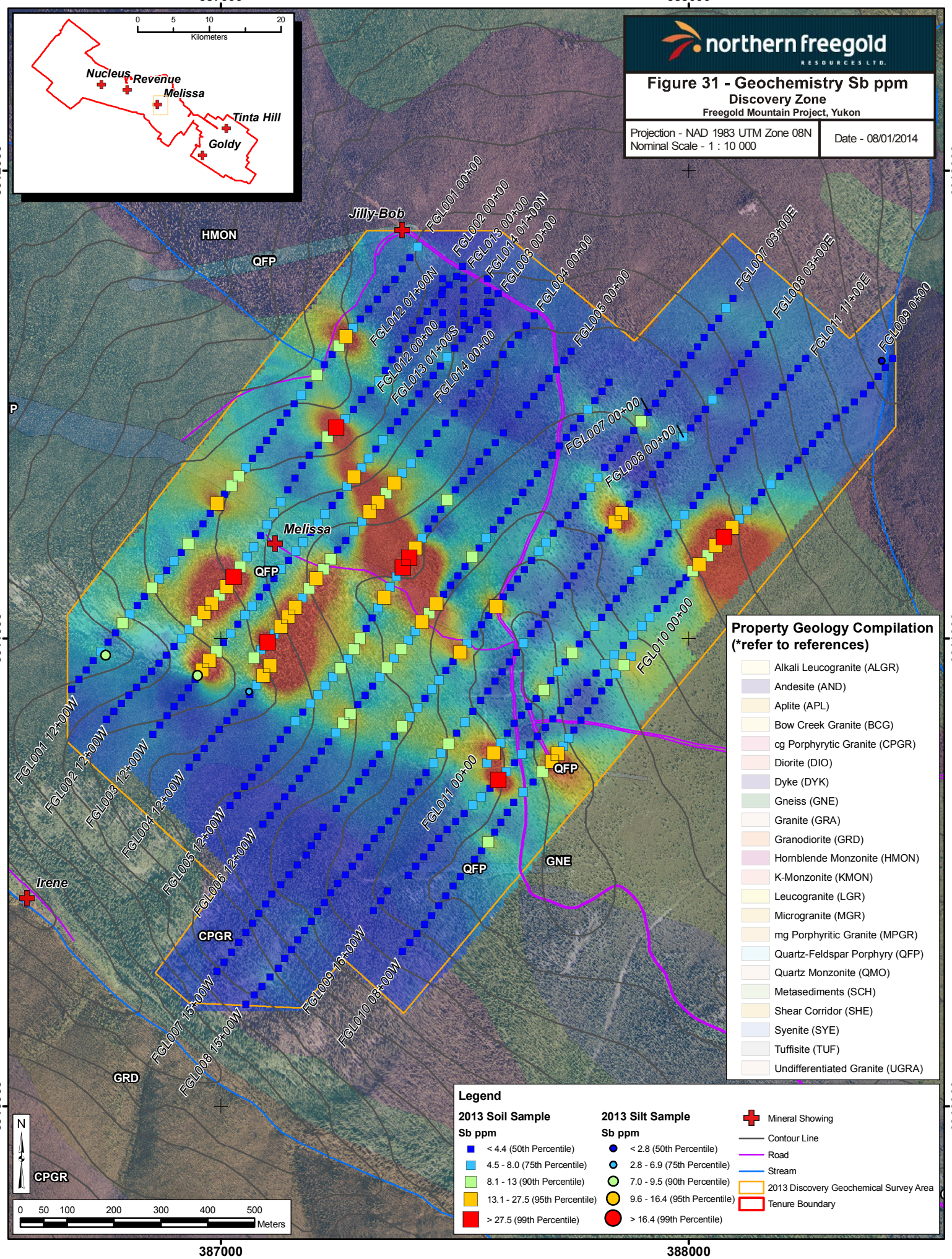
- Alkali Leucogranite (ALGR)
- Andesite (AND)
- Aplite (APL)
- Bow Creek Granite (BCG)
- cg Porphyrytic Granite (CPGR)
- Diorite (DIO)
- Dyke (DYK)
- Gneiss (GNE)
- Granite (GRA)
- Granodiorite (GRD)
- Hornblende Monzonite (HMON)
- K-Monzonite (KMON)
- Leucogranite (LGR)
- Microgranite (MGR)
- mg Porphyritic Granite (MPGR)
- Quartz-Feldspar Porphyry (QFP)
- Quartz Monzonite (QMO)
- Metasediments (SCH)
- Shear Corridor (SHE)
- Syenite (SYE)
- Tuffisite (TUF)
- Undifferentiated Granite (UGRA)


northern freegold
RESOURCES LTD.
Figure 27 - Geochemistry Ag ppm
Discovery Zone
Freegold Mountain Project, Yukon
Projection - NAD 1983 UTM Zone 08N
Nominal Scale - 1 : 10 000
Date - 08/01/2014
0 5 10 20
Kilometers
Nucleus
Revenue
Melissa
Tinta Hill
Goldy
387000
388000
6912000
6911000
6910000
Jilly-Bob
Melissa
Irene
HMON
QFP
GNE
CPGR
GRD
FGL001 00+00
FGL002 00+00
FGL013 00+00
FGL011 01+00N
FGL003 00+00
FGL004 00+00
FGL005 00+00
FGL007 03+00E
FGL008 03+00E
FGL011 11+00E
FGL009 0+00
FGL012 01+00N
FGL012 00+00
FGL013 01+00S
FGL014 00+00
FGL007 00+00
FGL008 00+00
FGL010 00+00
FGL011 00+00
FGL001 12+00W
FGL002 12+00W
FGL003 12+00W
FGL004 12+00W
FGL005 12+00W
FGL006 12+00W
FGL009 16+00W
FGL010 08+00W
FGL007 15+00W
FGL008 15+00W
Property Geology Compilation
(*refer to references)
Alkali Leucogranite (ALGR)
Andesite (AND)
Aplite (APL)
Bow Creek Granite (BCG)
cg Porphyrytic Granite (CPGR)
Diorite (DIO)
Dyke (DYK)
Gneiss (GNE)
Granite (GRA)
Granodiorite (GRD)
Hornblende Monzonite (HMON)
K-Monzonite (KMON)
Leucogranite (LGR)
Microgranite (MGR)
mg Porphyritic Granite (MPGR)
Quartz-Feldspar Porphyry (QFP)
Quartz Monzonite (QMO)
Metasediments (SCH)
Shear Corridor (SHE)
Syenite (SYE)
Tuffisite (TUF)
Undifferentiated Granite (UGRA)
Legend
2013 Soil Sample
Ag ppm
< 1 (50th Percentile)
1.1 - 2.0 (75th Percentile)
2.1 - 2.7 (90th Percentile)
2.8 - 4.9 (95th Percentile)
> 4.9 (99th Percentile)
2013 Silt Sample
Ag ppm
< 0.2 (50th Percentile)
.2 - .4 (75th Percentile)
.4 - .9 (90th Percentile)
.9 - 2.6 (95th Percentile)
> 2.6 (99th Percentile)
Mineral Showing
Contour Line
Road
Stream
2013 Discovery Geochemical Survey Area
Tenure Boundary
N
0 50 100 200 300 400 500
Meters


387000
388000
6912000
6911000
6910000
northern freegold
RESOURCES LTD.
Figure 28 - Geochemistry As ppm
Discovery Zone
Freegold Mountain Project, Yukon
Projection - NAD 1983 UTM Zone 08N
Nominal Scale - 1 : 10 000
Date - 08/01/2014
0 5 10 20
Kilometers
Nucleus
Revenue
Melissa
Tinta Hill
Goldy
Jilly-Bob
Melissa
Irene
HMON
QFP
GNE
CPGR
GRD
FGL001 00+00
FGL002 00+00
FGL013 00+00
FGL011 01+00N
FGL003 00+00
FGL004 00+00
FGL005 00+00
FGL007 03+00E
FGL008 03+00E
FGL011 11+00E
FGL009 0+00
FGL012 01+00N
FGL012 00+00
FGL013 01+00S
FGL014 00+00
FGL007 00+00
FGL008 00+00
FGL010 00+00
FGL011 00+00
FGL001 12+00W
FGL002 12+00W
FGL003 12+00W
FGL004 12+00W
FGL005 12+00W
FGL006 12+00W
FGL009 16+00W
FGL010 08+00W
FGL007 15+00W
FGL008 15+00W
Property Geology Compilation
(*refer to references)
Alkali Leucogranite (ALGR)
Andesite (AND)
Aplite (APL)
Bow Creek Granite (BCG)
cg Porphyrytic Granite (CPGR)
Diorite (DIO)
Dyke (DYK)
Gneiss (GNE)
Granite (GRA)
Granodiorite (GRD)
Hornblende Monzonite (HMON)
K-Monzonite (KMON)
Leucogranite (LGR)
Microgranite (MGR)
mg Porphyritic Granite (MPGR)
Quartz-Feldspar Porphyry (QFP)
Quartz Monzonite (QMO)
Metasediments (SCH)
Shear Corridor (SHE)
Syenite (SYE)
Tuffisite (TUF)
Undifferentiated Granite (UGRA)
Legend
2013 Soil Sample
As ppm
< 97 (50th Percentile)
97.1 - 226 (75th Percentile)
226.1 - 350 (90th Percentile)
350.1 - 660 (95th Percentile)
> 660 (99th Percentile)
2013 Silt Sample
As ppm
< 49 (50th Percentile)
49.1 - 99 (75th Percentile)
99.1 - 173 (90th Percentile)
173.1 - 384 (95th Percentile)
> 384 (99th Percentile)
Mineral Showing
Contour Line
Road
Stream
2013 Discovery Geochemical Survey Area
Tenure Boundary
N
0 50 100 200 300 400 500
Meters

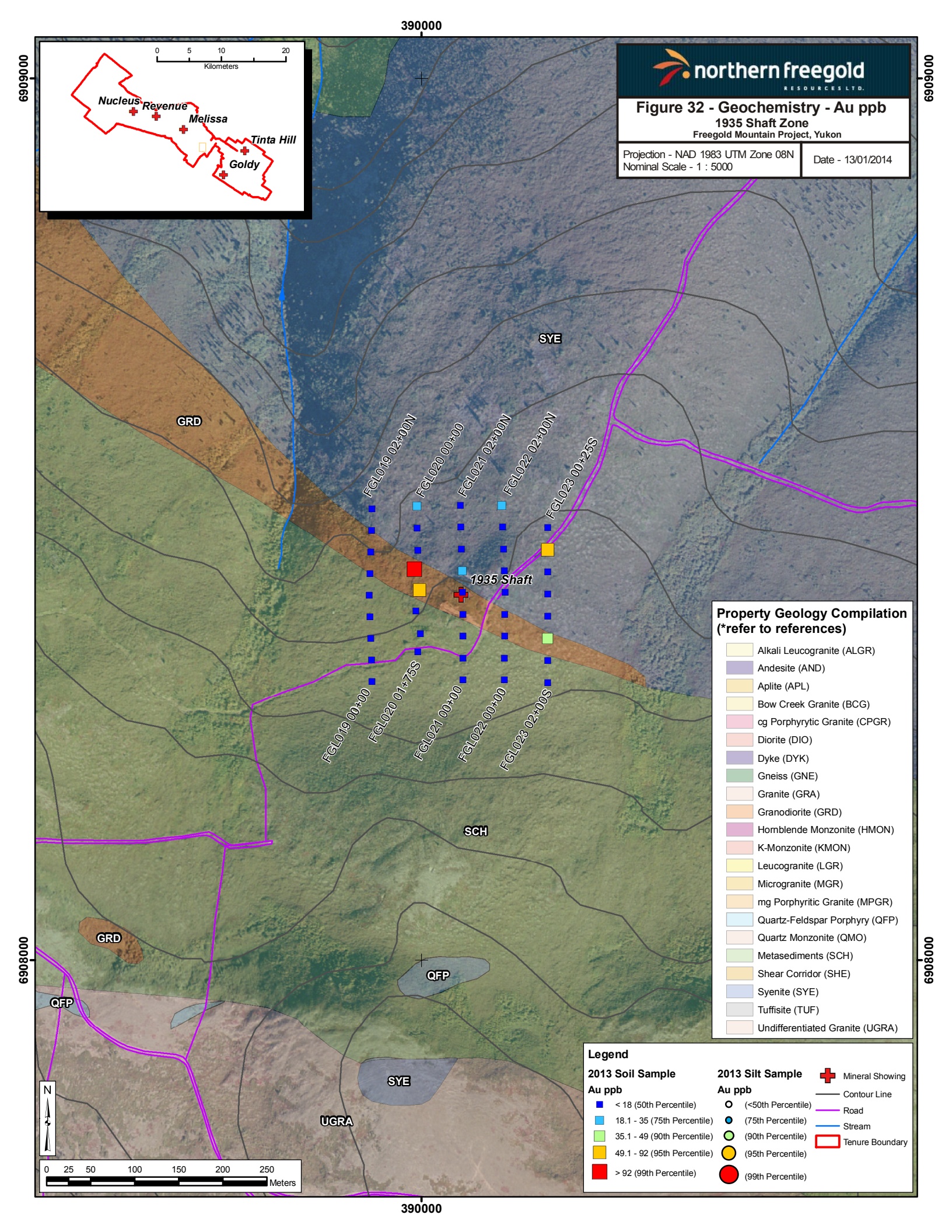

387000
388000
6912000
6911000
6910000
northern freegold
RESOURCES LTD.
Figure 29 - Geochemistry Bi ppm
Discovery Zone
Freegold Mountain Project, Yukon
Projection - NAD 1983 UTM Zone 08N
Nominal Scale - 1 : 10 000
Date - 08/01/2014
0 5 10 20
Kilometers
Nucleus
Revenue
Melissa
Tinta Hill
Goldy
Jilly-Bob
Melissa
Irene
HMON
QFP
CPGR
GRD
GNE
FGL001 00+00
FGL002 00+00
FGL013 00+00
FGL014 01+00N
FGL003 00+00
FGL004 00+00
FGL005 00+00
FGL007 03+00E
FGL008 03+00E
FGL011 11+00E
FGL009 0+00
FGL012 01+00N
FGL012 00+00
FGL013 01+00S
FGL014 00+00
FGL007 00+00
FGL008 00+00
FGL010 00+00
FGL011 00+00
FGL001 12+00W
FGL002 12+00W
FGL003 12+00W
FGL004 12+00W
FGL005 12+00W
FGL006 12+00W
FGL009 16+00W
FGL010 08+00W
FGL007 15+00W
FGL008 15+00W
Property Geology Compilation
(*refer to references)
Alkali Leucogranite (ALGR)
Andesite (AND)
Aplite (APL)
Bow Creek Granite (BCG)
cg Porphyrytic Granite (CPGR)
Diorite (DIO)
Dyke (DYK)
Gneiss (GNE)
Granite (GRA)
Granodiorite (GRD)
Hornblende Monzonite (HMON)
K-Monzonite (KMON)
Leucogranite (LGR)
Microgranite (MGR)
mg Porphyritic Granite (MPGR)
Quartz-Feldspar Porphyry (QFP)
Quartz Monzonite (QMO)
Metasediments (SCH)
Shear Corridor (SHE)
Syenite (SYE)
Tuffisite (TUF)
Undifferentiated Granite (UGRA)
Legend
2013 Soil Sample
Bi ppm
< 1.2 (50th Percentile)
1.2 - 2.3 (75th Percentile)
2.4 - 3.5 (90th Percentile)
3.6 - 9.0 (95th Percentile)
> 9.0 (99th Percentile)
2013 Silt Sample
Bi ppm
< 0.8 (50th Percentile)
0.8 - 2.8 (75th Percentile)
2.9 - 6.6 (90th Percentile)
6.7 - 19.4 (95th Percentile)
> 19.4 (99th Percentile)
Mineral Showing
Contour Line
Road
Stream
2013 Discovery Geochemical Survey Area
Tenure Boundary
N
0 50 100 200 300 400 500
Meters

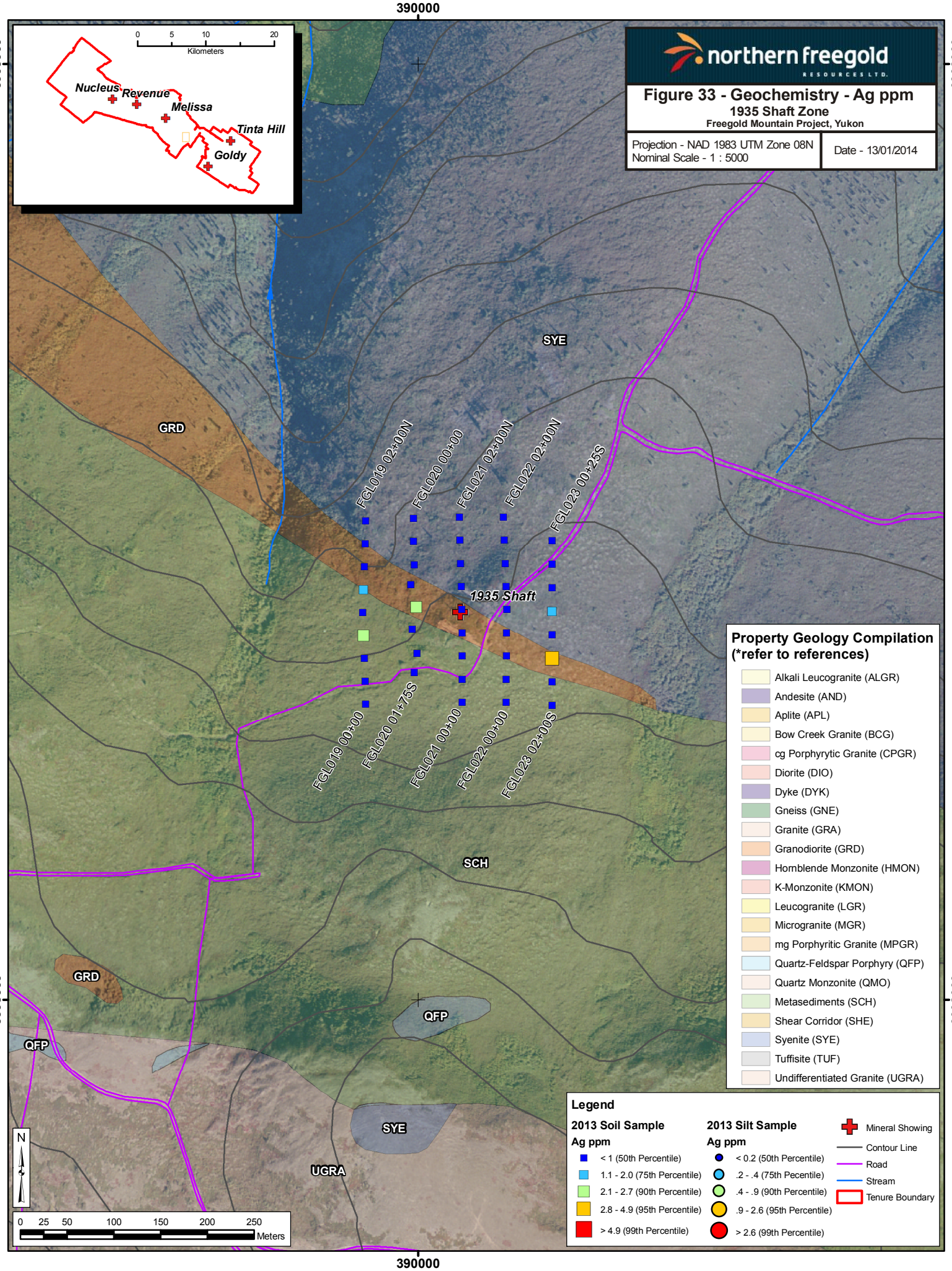

northern freegold
RESOURCES LTD.
Figure 30 - Geochemistry Pb ppm
Discovery Zone
Freegold Mountain Project, Yukon
Projection - NAD 1983 UTM Zone 08N
Nominal Scale - 1 : 10 000
Date - 08/01/2014
0 5 10 20
Kilometers
Nucleus
Revenue
Melissa
Tinta Hill
Goldy
387000
388000
6912000
6911000
6910000
Jilly-Bob
Melissa
Irene
HMON
QFP
GNE
CPGR
GRD
FGL001 00+00
FGL002 00+00
FGL013 00+00
FGL011 01+00N
FGL003 00+00
FGL004 00+00
FGL005 00+00
FGL007 03+00E
FGL008 03+00E
FGL011 11+00E
FGL009 0+00
FGL012 01+00N
FGL012 00+00
FGL013 01+00S
FGL014 00+00
FGL007 00+00
FGL008 00+00
FGL010 00+00
FGL011 00+00
FGL001 12+00W
FGL002 12+00W
FGL003 12+00W
FGL004 12+00W
FGL005 12+00W
FGL006 12+00W
FGL009 16+00W
FGL010 08+00W
FGL007 15+00W
FGL008 15+00W
Property Geology Compilation
(*refer to references)
Alkali Leucogranite (ALGR)
Andesite (AND)
Aplite (APL)
Bow Creek Granite (BCG)
cg Porphyrytic Granite (CPGR)
Diorite (DIO)
Dyke (DYK)
Gneiss (GNE)
Granite (GRA)
Granodiorite (GRD)
Hornblende Monzonite (HMON)
K-Monzonite (KMON)
Leucogranite (LGR)
Microgranite (MGR)
mg Porphyritic Granite (MPGR)
Quartz-Feldspar Porphyry (QFP)
Quartz Monzonite (QMO)
Metasediments (SCH)
Shear Corridor (SHE)
Syenite (SYE)
Tuffisite (TUF)
Undifferentiated Granite (UGRA)
Legend
2013 Soil Sample
Pb ppm
< 47 (50th Percentile)
47.1 - 101 (75th Percentile)
101.1 - 145 (90th Percentile)
145.1 - 272 (95th Percentile)
> 272 (99th Percentile)
2013 Silt Sample
Pb ppm
< 17 (50th Percentile)
17.1 - 28 (75th Percentile)
28.1 - 65 (90th Percentile)
65.1 - 155 (95th Percentile)
> 155 (99th Percentile)
Mineral Showing
Contour Line
Road
Stream
2013 Discovery Geochemical Survey Area
Tenure Boundary
N
0 50 100 200 300 400 500
Meters

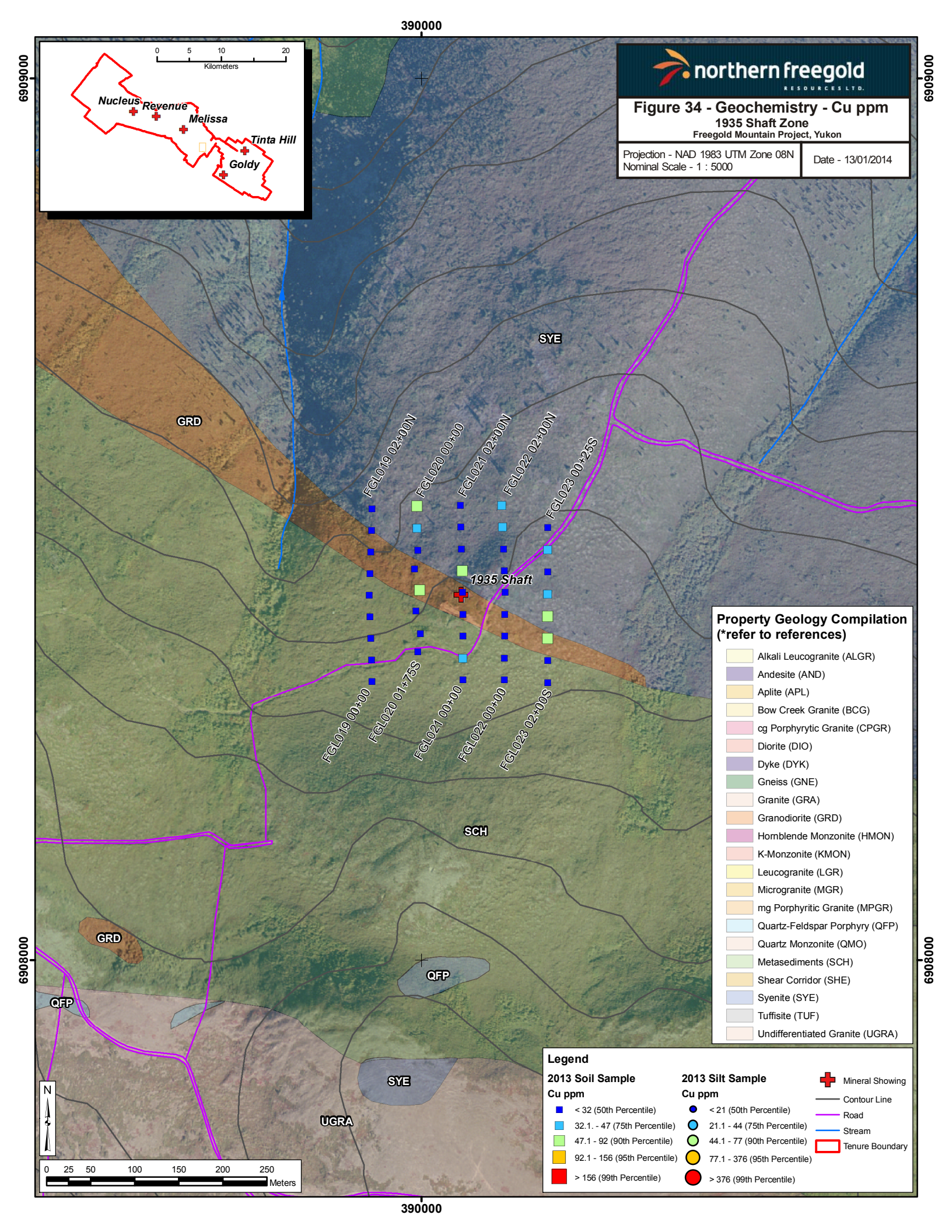

387000
388000
6912000
6911000
6910000
0 5 10 20
Kilometers
Nucleus
Revenue
Melissa
Tinta Hill
Goldy
northern freegold
RESOURCES LTD.
Figure 31 - Geochemistry Sb ppm
Discovery Zone
Freegold Mountain Project, Yukon
Projection - NAD 1983 UTM Zone 08N
Nominal Scale - 1 : 10 000
Date - 08/01/2014
Jilly-Bob
HMON
QFP
Melissa
Irene
CPGR
GRD
GNE
FGL001 00+00
FGL002 00+00
FGL013 00+00
FGL011 01+00N
FGL003 00+00
FGL004 00+00
FGL005 00+00
FGL007 03+00E
FGL008 03+00E
FGL011 11+00E
FGL009 0+00
FGL012 01+00N
FGL012 00+00
FGL013 01+00S
FGL014 00+00
FGL007 00+00
FGL008 00+00
FGL010 00+00
FGL011 00+00
FGL001 12+00W
FGL002 12+00W
FGL003 12+00W
FGL004 12+00W
FGL005 12+00W
FGL006 12+00W
FGL009 16+00W
FGL010 08+00W
FGL007 15+00W
FGL008 15+00W
Property Geology Compilation
(*refer to references)
Alkali Leucogranite (ALGR)
Andesite (AND)
Aplite (APL)
Bow Creek Granite (BCG)
cg Porphyrytic Granite (CPGR)
Diorite (DIO)
Dyke (DYK)
Gneiss (GNE)
Granite (GRA)
Granodiorite (GRD)
Hornblende Monzonite (HMON)
K-Monzonite (KMON)
Leucogranite (LGR)
Microgranite (MGR)
mg Porphyritic Granite (MPGR)
Quartz-Feldspar Porphyry (QFP)
Quartz Monzonite (QMO)
Metasediments (SCH)
Shear Corridor (SHE)
Syenite (SYE)
Tuffisite (TUF)
Undifferentiated Granite (UGRA)
Legend
2013 Soil Sample
Sb ppm
< 4.4 (50th Percentile)
4.5 - 8.0 (75th Percentile)
8.1 - 13 (90th Percentile)
13.1 - 27.5 (95th Percentile)
> 27.5 (99th Percentile)
2013 Silt Sample
Sb ppm
< 2.8 (50th Percentile)
2.8 - 6.9 (75th Percentile)
7.0 - 9.5 (90th Percentile)
9.6 - 16.4 (95th Percentile)
> 16.4 (99th Percentile)
Mineral Showing
Contour Line
Road
Stream
2013 Discovery Geochemical Survey Area
Tenure Boundary
N
0 50 100 200 300 400 500
Meters

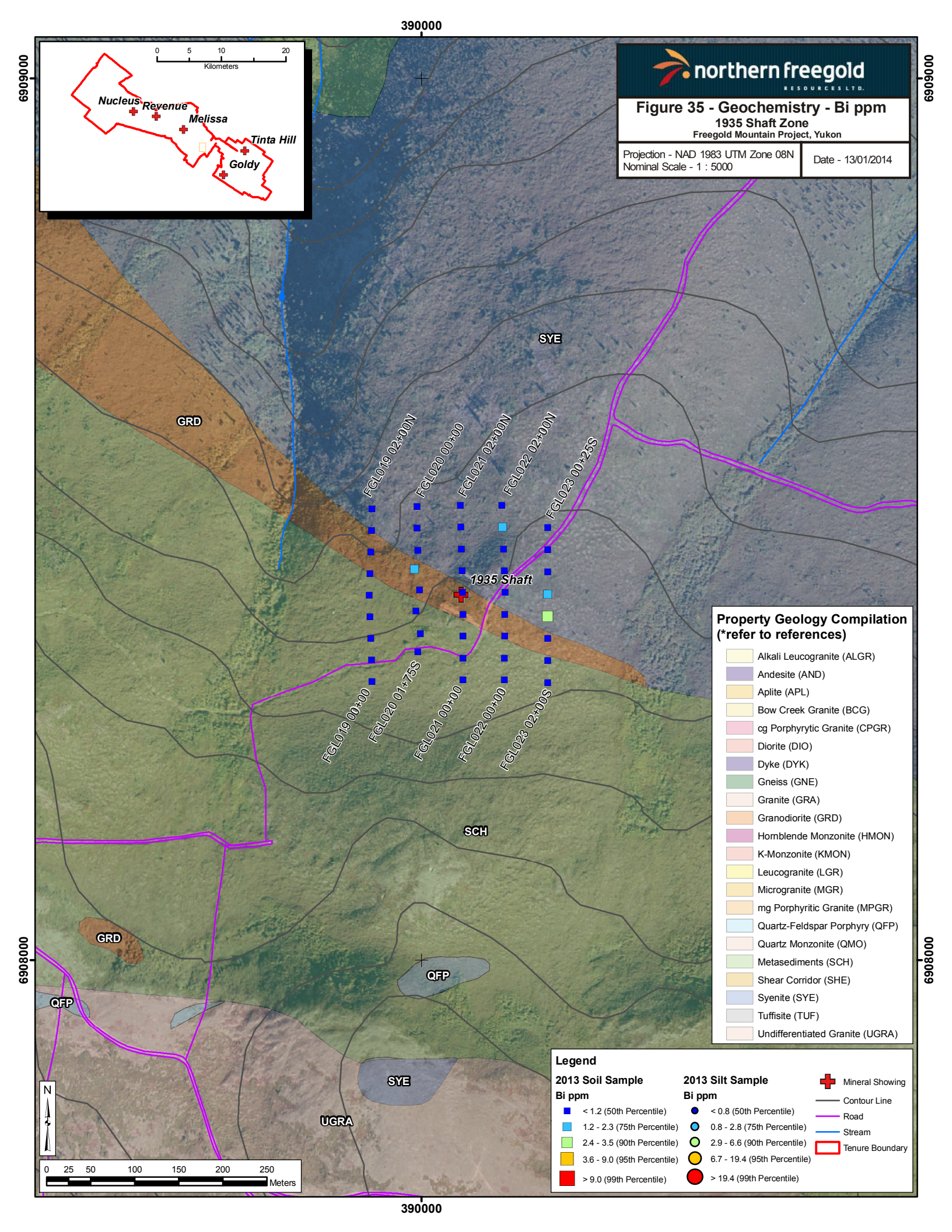
1935 Shaft Zone

A total of 5 sample lines covering 1.0 line kilometre represented by 43 samples were completed in the immediate area surrounding the historic 1935 shaft. The survey successfully delineated a 20 – 50 metre wide by 200 metre long zone of coincident anomalous gold (90th - 99th percentile) – silver (90th – 95th percentile) – bismuth (90th percentile) – copper (90th percentile) which parallels the inferred strike extension of the mineralized vein system observed in the 1935 shaft workings, the magnetic lineament and the contact between the granodiorite and megacrystic syenite. The highest gold-in-soil value of the 2013 program collected from the B-horizon was returned from soil line FGL020, a point anomaly of 406 ppb located 60 metres northwest of the historic 1935 workings. This sample indicates that highly anomalous gold is present in the area, however adjacent samples indicate that it is not widely or evenly distributed. The restricted nature of the geochemical anomaly suggests that the vein system underlying the area is narrow and likely confined to a fault controlled contact zone between the granodiorite and megacrystic syenite. Future work is not recommended in the area immediately surrounding the 1935 shaft.


390000
6909000
6908000
0 5 10 20
Kilometers
Nucleus
Revenue
Melissa
Tinta Hill
Goldy
northern freegold
RESOURCES LTD.
Figure 32 - Geochemistry - Au ppb
1935 Shaft Zone
Freegold Mountain Project, Yukon
Projection - NAD 1983 UTM Zone 08N
Nominal Scale - 1 : 5000
Date - 13/01/2014
SYE
GRD
FGL019 02+00N
FGL020 00+00
FGL021 02+00N
FGL022 02+00N
FGL023 01+25S
1935 Shaft
FGL019 00+00
FGL020 01+75S
FGL021 00+00
FGL022 00+00
FGL023 02+00S
SCH
GRD
QFP
QFP
SYE
UGRA
N
0 25 50 100 150 200 250
Meters
Property Geology Compilation
(*refer to references)
Alkali Leucogranite (ALGR)
Andesite (AND)
Aplite (APL)
Bow Creek Granite (BCG)
cg Porphyrytic Granite (CPGR)
Diorite (DIO)
Dyke (DYK)
Gneiss (GNE)
Granite (GRA)
Granodiorite (GRD)
Hornblende Monzonite (HMON)
K-Monzonite (KMON)
Leucogranite (LGR)
Microgranite (MGR)
mg Porphyritic Granite (MPGR)
Quartz-Feldspar Porphyry (QFP)
Quartz Monzonite (QMO)
Metasediments (SCH)
Shear Corridor (SHE)
Syenite (SYE)
Tuffisite (TUF)
Undifferentiated Granite (UGRA)
Legend
2013 Soil Sample
Au ppb
< 18 (50th Percentile)
18.1 - 35 (75th Percentile)
35.1 - 49 (90th Percentile)
49.1 - 92 (95th Percentile)
> 92 (99th Percentile)
2013 Silt Sample
Au ppb
(<50th Percentile)
(75th Percentile)
(90th Percentile)
(95th Percentile)
(99th Percentile)
Mineral Showing
Contour Line
Road
Stream
Tenure Boundary


390000
6909000
6908000
0 5 10 20
Kilometers
Nucleus
Revenue
Melissa
Tinta Hill
Goldy
northern freegold
RESOURCES LTD.
Figure 33 - Geochemistry - Ag ppm
1935 Shaft Zone
Freegold Mountain Project, Yukon
Projection - NAD 1983 UTM Zone 08N
Nominal Scale - 1 : 5000
Date - 13/01/2014
SYE
GRD
FGL019 02+00N
FGL020 00+00
FGL021 02+00N
FGL022 02+00N
FGL023 01+25S
1935 Shaft
FGL019 00+00
FGL020 01+75S
FGL021 00+00
FGL022 00+00
FGL023 02+00S
SCH
GRD
QFP
QFP
SYE
UGRA
Property Geology Compilation
(*refer to references)
Alkali Leucogranite (ALGR)
Andesite (AND)
Aplite (APL)
Bow Creek Granite (BCG)
cg Porphyrytic Granite (CPGR)
Diorite (DIO)
Dyke (DYK)
Gneiss (GNE)
Granite (GRA)
Granodiorite (GRD)
Hornblende Monzonite (HMON)
K-Monzonite (KMON)
Leucogranite (LGR)
Microgranite (MGR)
mg Porphyritic Granite (MPGR)
Quartz-Feldspar Porphyry (QFP)
Quartz Monzonite (QMO)
Metasediments (SCH)
Shear Corridor (SHE)
Syenite (SYE)
Tuffisite (TUF)
Undifferentiated Granite (UGRA)
Legend
2013 Soil Sample
Ag ppm
< 1 (50th Percentile)
1.1 - 2.0 (75th Percentile)
2.1 - 2.7 (90th Percentile)
2.8 - 4.9 (95th Percentile)
> 4.9 (99th Percentile)
2013 Silt Sample
Ag ppm
< 0.2 (50th Percentile)
.2 - .4 (75th Percentile)
.4 - .9 (90th Percentile)
.9 - 2.6 (95th Percentile)
> 2.6 (99th Percentile)
Mineral Showing
Contour Line
Road
Stream
Tenure Boundary
N
0 25 50 100 150 200 250
Meters


390000
6909000
6908000
0 5 10 20
Kilometers
Nucleus
Revenue
Melissa
Tinta Hill
Goldy
northern freegold
RESOURCES LTD.
Figure 34 - Geochemistry - Cu ppm
1935 Shaft Zone
Freegold Mountain Project, Yukon
Projection - NAD 1983 UTM Zone 08N
Nominal Scale - 1 : 5000
Date - 13/01/2014
SYE
GRD
FGL019 02+00N
FGL020 00+00
FGL021 02+00N
FGL022 02+00N
FGL023 00+25S
1935 Shaft
FGL019 00+00
FGL020 01+75S
FGL021 00+00
FGL022 00+00
FGL023 02+00S
SCH
GRD
QFP
QFP
SYE
UGRA
Property Geology Compilation
(*refer to references)
Alkali Leucogranite (ALGR)
Andesite (AND)
Aplite (APL)
Bow Creek Granite (BCG)
cg Porphyrytic Granite (CPGR)
Diorite (DIO)
Dyke (DYK)
Gneiss (GNE)
Granite (GRA)
Granodiorite (GRD)
Hornblende Monzonite (HMON)
K-Monzonite (KMON)
Leucogranite (LGR)
Microgranite (MGR)
mg Porphyritic Granite (MPGR)
Quartz-Feldspar Porphyry (QFP)
Quartz Monzonite (QMO)
Metasediments (SCH)
Shear Corridor (SHE)
Syenite (SYE)
Tuffisite (TUF)
Undifferentiated Granite (UGRA)
Legend
2013 Soil Sample
Cu ppm
< 32 (50th Percentile)
32.1. - 47 (75th Percentile)
47.1 - 92 (90th Percentile)
92.1 - 156 (95th Percentile)
> 156 (99th Percentile)
2013 Silt Sample
Cu ppm
< 21 (50th Percentile)
21.1 - 44 (75th Percentile)
44.1 - 77 (90th Percentile)
77.1 - 376 (95th Percentile)
> 376 (99th Percentile)
Mineral Showing
Contour Line
Road
Stream
Tenure Boundary
N
0 25 50 100 150 200 250
Meters

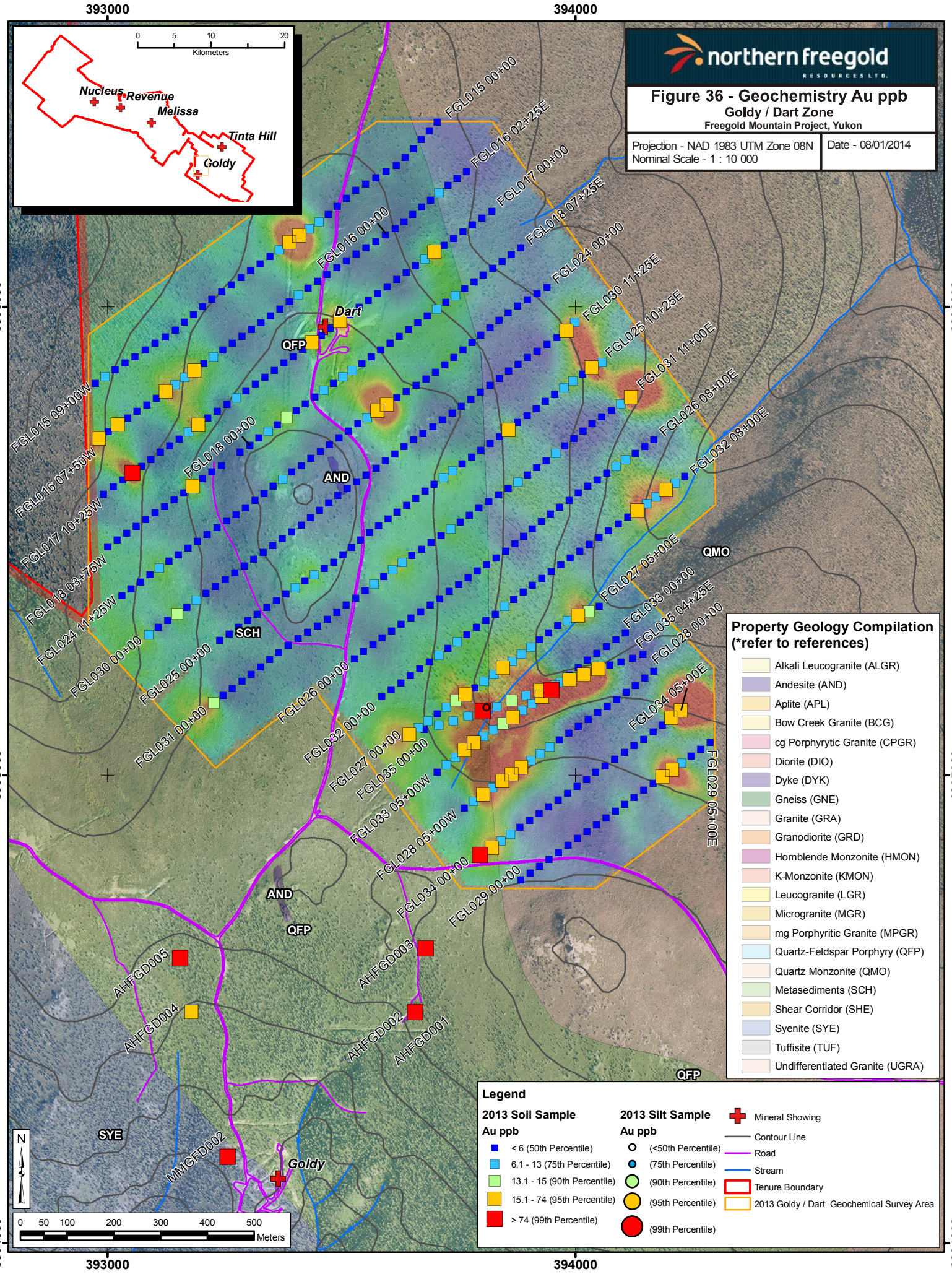

northern freegold
RESOURCES LTD.
Figure 35 - Geochemistry - Bi ppm
1935 Shaft Zone
Freegold Mountain Project, Yukon
Projection - NAD 1983 UTM Zone 08N
Nominal Scale - 1 : 5000
Date - 13/01/2014
390000
6909000
6908000
0 5 10 20
Kilometers
Nucleus
Revenue
Melissa
Tinta Hill
Goldy
SYE
GRD
SCH
QFP
UGRA
1935 Shaft
FGL019 02+00N
FGL020 00+00
FGL021 02+00N
FGL022 02+00N
FGL023 01+25S
FGL019 00+00
FGL020 01+75S
FGL021 00+00
FGL022 00+00
FGL023 02+00S
Property Geology Compilation
(*refer to references)
Alkali Leucogranite (ALGR)
Andesite (AND)
Aplite (APL)
Bow Creek Granite (BCG)
cg Porphyrytic Granite (CPGR)
Diorite (DIO)
Dyke (DYK)
Gneiss (GNE)
Granite (GRA)
Granodiorite (GRD)
Hornblende Monzonite (HMON)
K-Monzonite (KMON)
Leucogranite (LGR)
Microgranite (MGR)
mg Porphyritic Granite (MPGR)
Quartz-Feldspar Porphyry (QFP)
Quartz Monzonite (QMO)
Metasediments (SCH)
Shear Corridor (SHE)
Syenite (SYE)
Tuffisite (TUF)
Undifferentiated Granite (UGRA)
Legend
2013 Soil Sample
Bi ppm
< 1.2 (50th Percentile)
1.2 - 2.3 (75th Percentile)
2.4 - 3.5 (90th Percentile)
3.6 - 9.0 (95th Percentile)
> 9.0 (99th Percentile)
2013 Silt Sample
Bi ppm
< 0.8 (50th Percentile)
0.8 - 2.8 (75th Percentile)
2.9 - 6.6 (90th Percentile)
6.7 - 19.4 (95th Percentile)
> 19.4 (99th Percentile)
Mineral Showing
Contour Line
Road
Stream
Tenure Boundary
N
0 25 50 100 150 200 250
Meters

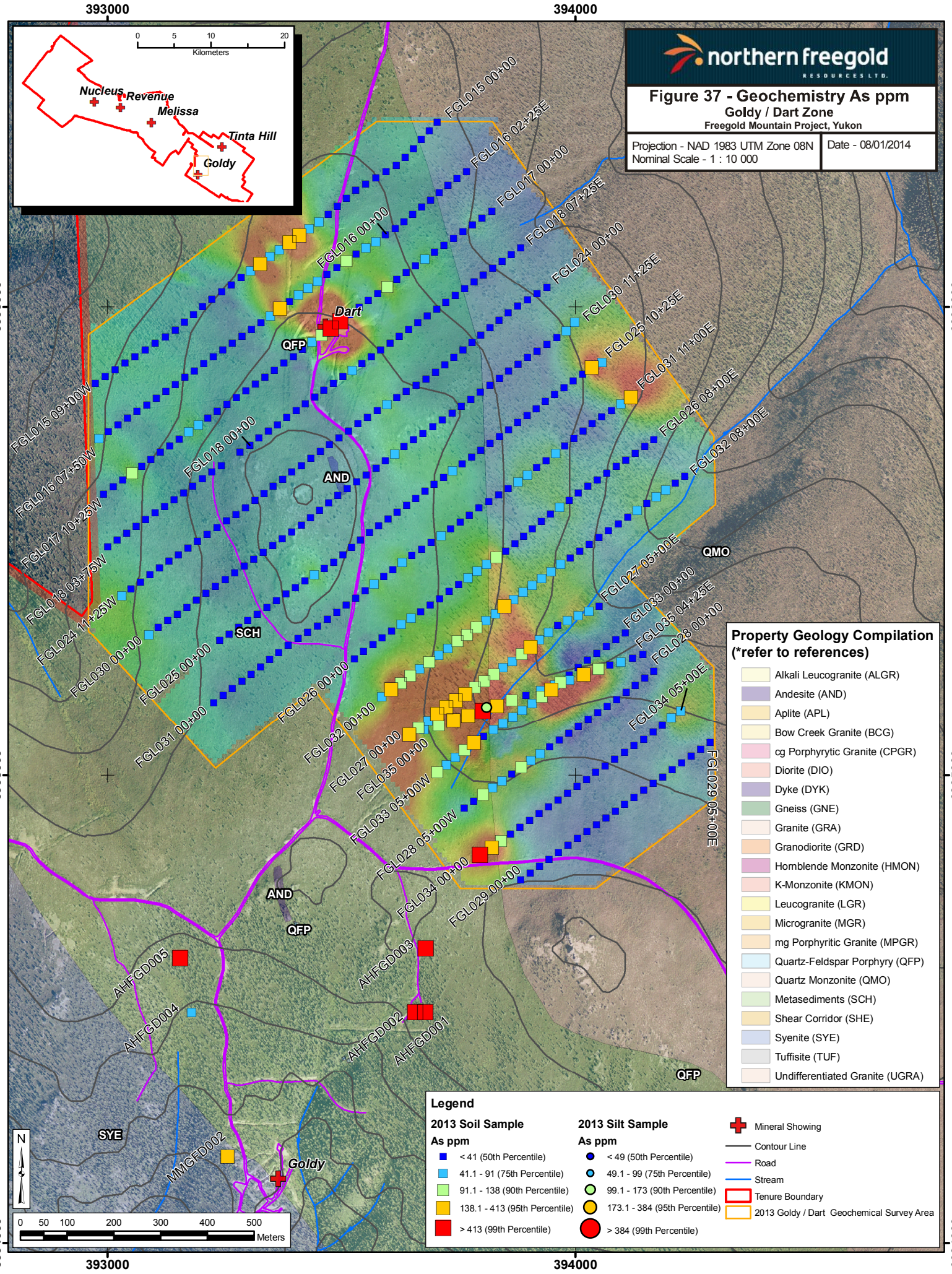
Goldy-Dart Zone

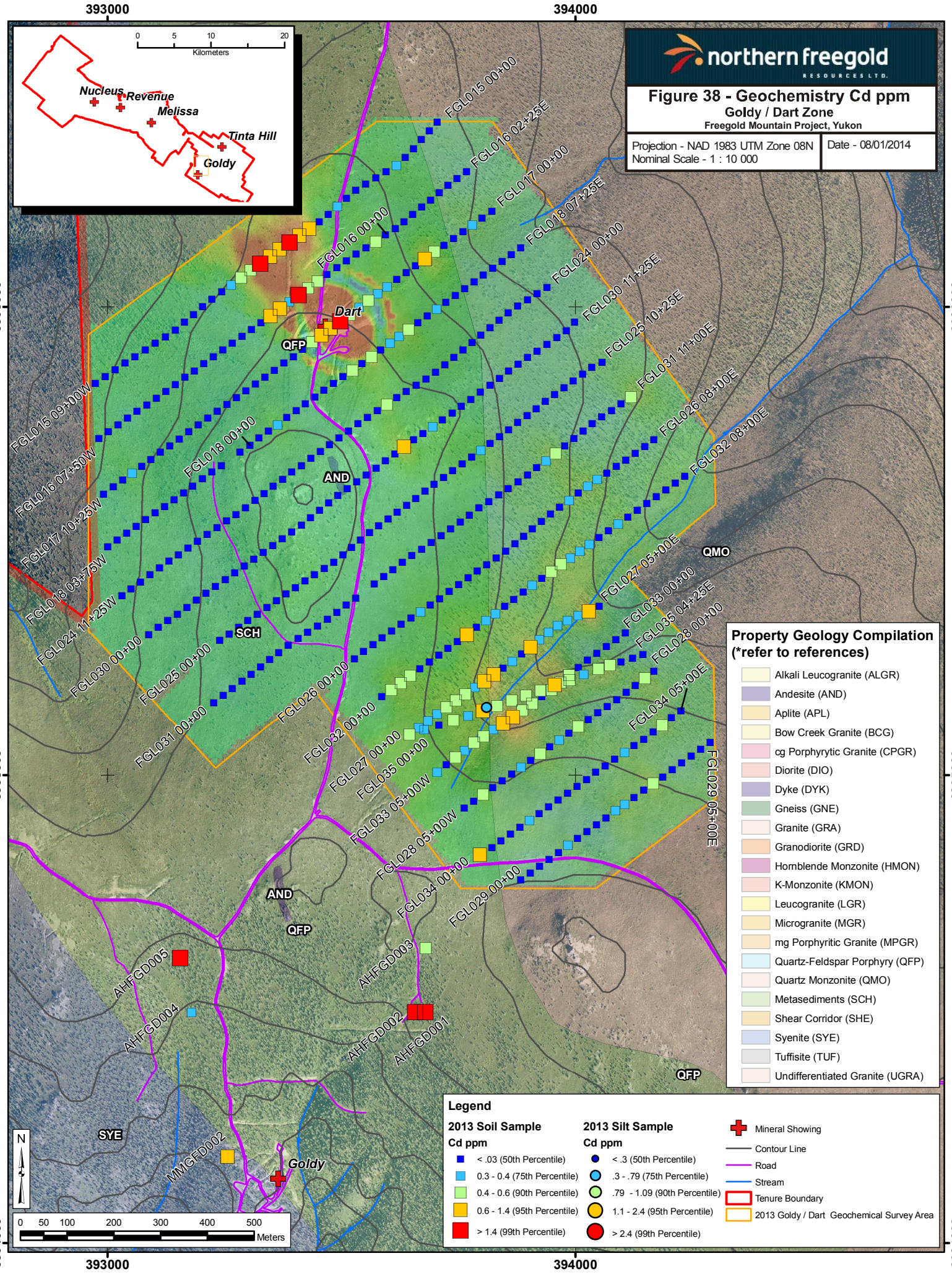
A total of 16 sample lines covering 12.9 line kilometres represented by 533 B-horizon samples and 6 C-horizon soil samples were collected within the Goldy-Dart Zone. Orientation surveys were completed over zones of interest identified through historic trenching and geochemical soil surveys in the area surrounding the Goldy showing. Exploratory pits were opened with an excavator to a depth where samples could be collected from the B-Horizon/C-horizon interface. The orientation survey was highly successful in repeating historic results from 6 different soil samples sites (AHFGD001 – 005 & MMFGD002) with 5 of 6 samples returning > 99th percentile Au and all samples returning > 95th percentile Au. All sample locations remain high priority targets for follow up work, with particular interest on samples AHFGD001 which returned 2730 ppb Au/4100 ppm As/3.07 ppm Cd, AHFGD002 which returned 635 ppb Au/6860 ppm As/3.72 ppm Cd and MMFGD002 which returned 218 ppb Au/230 ppm As/1.33 ppm Cd.

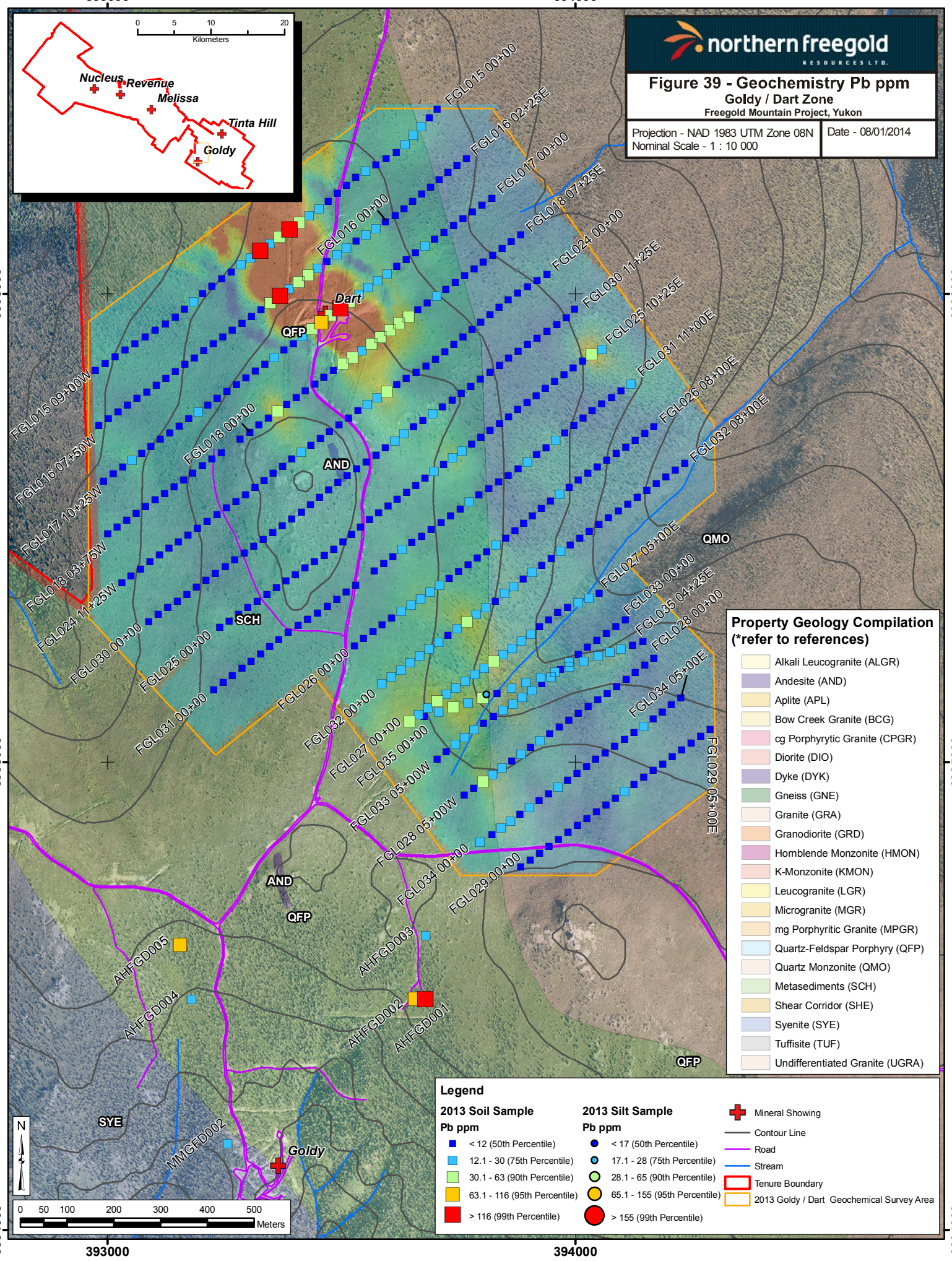
The B-horizon geochemical survey from the Goldy-Dart Zone has successfully delineated a 150 metre wide by 400 metre long extension of coincident anomalous gold (90th – 99th percentile) – arsenic (90th – 99th percentile) – cadmium (90th – 95th percentile) in soil north of the existing geochemical grid completed in 1987. The total strike length of the anomalous zone is currently defined 1.3 km north of Goldy showing. This anomaly is a high priority target and further work is recommended to systematically define diamond drill targets using high density (12.5 m spacing) mechanized auger sampling or RAB drilling of C-horizon/bedrock material where possible. Grid sampling should begin immediately north of the Goldy showing and progress northward on 50 m spaced cut-lines.

Results indicate that the Goldy Zone and the Dart Zone appear to be isolated from each other by 500 metres of background geochemical values for gold, arsenic and cadmium. A moderate (80th – 95th percentile) gold, strong (90th – 99th percentile) silver, moderate (75th – 99th percentile) copper and strong (90th – 99th percentile) lead anomaly was identified in the immediate area of the historic Dart workings and continues 200 metres to the northwest. The soil anomaly is closed to the southeast and remains open to the northwest. The anomaly is interpreted to define the strike extension of the Dart vein/breccia system, and further work is recommended to constrain the extent of the anomaly to the northwest.


northern freegold
RESOURCES LTD.
Figure 36 - Geochemistry Au ppb
Goldy / Dart Zone
Freegold Mountain Project, Yukon
Projection - NAD 1983 UTM Zone 08N
Nominal Scale - 1 : 10 000
Date - 08/01/2014
0 5 10 20
Kilometers
Nucleus
Revenue
Melissa
Tinta Hill
Goldy
393000
394000
6906000
6905000
6904000
Dart
QFP
AND
SCH
QMO
SYE
FGL015 00+00
FGL016 02+25E
FGL017 00+00
FGL018 07+25E
FGL016 00+00
FGL024 00+00
FGL030 11+25E
FGL025 10+25E
FGL031 11+00E
FGL026 08+00E
FGL032 08+00E
FGL015 09+00W
FGL016 07+50W
FGL018 00+00
FGL017 10+25W
FGL018 03+75W
FGL024 11+25W
FGL030 00+00
FGL025 00+00
FGL031 00+00
FGL026 00+00
FGL032 00+00
FGL027 05+00E
FGL033 00+00
FGL035 04+25E
FGL028 00+00
FGL034 05+00E
FGL029 05+00E
FGL027 00+00
FGL035 00+00
FGL033 05+00W
FGL028 05+00W
FGL034 00+00
FGL029 00+00
AHFGD005
AHFGD004
AHFGD003
AHFGD002
AHFGD001
MMGFD002
Property Geology Compilation
(*refer to references)
Alkali Leucogranite (ALGR)
Andesite (AND)
Aplite (APL)
Bow Creek Granite (BCG)
cg Porphyrytic Granite (CPGR)
Diorite (DIO)
Dyke (DYK)
Gneiss (GNE)
Granite (GRA)
Granodiorite (GRD)
Hornblende Monzonite (HMON)
K-Monzonite (KMON)
Leucogranite (LGR)
Microgranite (MGR)
mg Porphyritic Granite (MPGR)
Quartz-Feldspar Porphyry (QFP)
Quartz Monzonite (QMO)
Metasediments (SCH)
Shear Corridor (SHE)
Syenite (SYE)
Tuffisite (TUF)
Undifferentiated Granite (UGRA)
Legend
2013 Soil Sample
Au ppb
< 6 (50th Percentile)
6.1 - 13 (75th Percentile)
13.1 - 15 (90th Percentile)
15.1 - 74 (95th Percentile)
> 74 (99th Percentile)
2013 Silt Sample
Au ppb
(<50th Percentile)
(75th Percentile)
(90th Percentile)
(95th Percentile)
(99th Percentile)
Mineral Showing
Contour Line
Road
Stream
Tenure Boundary
2013 Goldy / Dart Geochemical Survey Area
N
0 50 100 200 300 400 500
Meters


northern freegold
RESOURCES LTD.
Figure 37 - Geochemistry As ppm
Goldy / Dart Zone
Freegold Mountain Project, Yukon
Projection - NAD 1983 UTM Zone 08N
Nominal Scale - 1 : 10 000
Date - 08/01/2014
393000
394000
6906000
6905000
6904000
0 5 10 20
Kilometers
Nucleus
Revenue
Melissa
Tinta Hill
Goldy
Dart
QFP
AND
SCH
QMO
SYE
FGL015 00+00
FGL016 02+25E
FGL017 00+00
FGL018 07+25E
FGL016 00+00
FGL024 00+00
FGL030 11+25E
FGL025 10+25E
FGL031 11+00E
FGL026 08+00E
FGL032 08+00E
FGL015 09+00W
FGL016 07+50W
FGL018 00+00
FGL017 10+25W
FGL018 03+75W
FGL024 11+25W
FGL030 00+00
FGL025 00+00
FGL026 00+00
FGL031 00+00
FGL032 00+00
FGL027 05+00E
FGL033 00+00
FGL035 04+25E
FGL028 00+00
FGL034 05+00E
FGL029 05+00E
FGL027 00+00
FGL035 00+00
FGL033 05+00W
FGL028 05+00W
FGL034 00+00
FGL029 00+00
AHFGD005
AHFGD003
AHFGD004
AHFGD002
AHFGD001
MMGFD002
Property Geology Compilation
(*refer to references)
Alkali Leucogranite (ALGR)
Andesite (AND)
Aplite (APL)
Bow Creek Granite (BCG)
cg Porphyritic Granite (CPGR)
Diorite (DIO)
Dyke (DYK)
Gneiss (GNE)
Granite (GRA)
Granodiorite (GRD)
Hornblende Monzonite (HMON)
K-Monzonite (KMON)
Leucogranite (LGR)
Microgranite (MGR)
mg Porphyritic Granite (MPGR)
Quartz-Feldspar Porphyry (QFP)
Quartz Monzonite (QMO)
Metasediments (SCH)
Shear Corridor (SHE)
Syenite (SYE)
Tuffisite (TUF)
Undifferentiated Granite (UGRA)
Legend
2013 Soil Sample
As ppm
< 41 (50th Percentile)
41.1 - 91 (75th Percentile)
91.1 - 138 (90th Percentile)
138.1 - 413 (95th Percentile)
> 413 (99th Percentile)
2013 Silt Sample
As ppm
< 49 (50th Percentile)
49.1 - 99 (75th Percentile)
99.1 - 173 (90th Percentile)
173.1 - 384 (95th Percentile)
> 384 (99th Percentile)
Mineral Showing
Contour Line
Road
Stream
Tenure Boundary
2013 Goldy / Dart Geochemical Survey Area
N
0 50 100 200 300 400 500
Meters


northern freegold
RESOURCES LTD.
Figure 38 - Geochemistry Cd ppm
Goldy / Dart Zone
Freegold Mountain Project, Yukon
Projection - NAD 1983 UTM Zone 08N
Nominal Scale - 1 : 10 000
Date - 08/01/2014
393000
394000
6906000
6905000
6904000
0 5 10 20
Kilometers
Nucleus
Revenue
Melissa
Tinta Hill
Goldy
Dart
QFP
AND
SCH
QMO
SYE
FGL015 00+00
FGL016 02+25E
FGL017 00+00
FGL018 07+25E
FGL016 00+00
FGL024 00+00
FGL030 11+25E
FGL025 10+25E
FGL031 11+00E
FGL026 08+00E
FGL032 08+00E
FGL015 09+00W
FGL016 07+50W
FGL018 00+00
FGL017 10+25W
FGL018 03+75W
FGL024 11+25W
FGL030 00+00
FGL025 00+00
FGL026 00+00
FGL031 00+00
FGL032 00+00
FGL027 00+00
FGL035 00+00
FGL033 05+00W
FGL028 05+00W
FGL034 00+00
FGL029 00+00
FGL027 05+00E
FGL033 00+00
FGL035 04+25E
FGL028 00+00
FGL034 05+00E
FGL029 05+00E
AHFGD005
AHFGD004
AHFGD003
AHFGD002
AHFGD001
MMGFD002
Property Geology Compilation
(*refer to references)
Alkali Leucogranite (ALGR)
Andesite (AND)
Aplite (APL)
Bow Creek Granite (BCG)
cg Porphyritic Granite (CPGR)
Diorite (DIO)
Dyke (DYK)
Gneiss (GNE)
Granite (GRA)
Granodiorite (GRD)
Hornblende Monzonite (HMON)
K-Monzonite (KMON)
Leucogranite (LGR)
Microgranite (MGR)
mg Porphyritic Granite (MPGR)
Quartz-Feldspar Porphyry (QFP)
Quartz Monzonite (QMO)
Metasediments (SCH)
Shear Corridor (SHE)
Syenite (SYE)
Tuffisite (TUF)
Undifferentiated Granite (UGRA)
Legend
2013 Soil Sample
Cd ppm
< .03 (50th Percentile)
0.3 - 0.4 (75th Percentile)
0.4 - 0.6 (90th Percentile)
0.6 - 1.4 (95th Percentile)
> 1.4 (99th Percentile)
2013 Silt Sample
Cd ppm
< .3 (50th Percentile)
.3 - .79 (75th Percentile)
.79 - 1.09 (90th Percentile)
1.1 - 2.4 (95th Percentile)
> 2.4 (99th Percentile)
Mineral Showing
Contour Line
Road
Stream
Tenure Boundary
2013 Goldy / Dart Geochemical Survey Area
N
0 50 100 200 300 400 500
Meters


northern freegold
RESOURCES LTD.
Figure 39 - Geochemistry Pb ppm
Goldy / Dart Zone
Freegold Mountain Project, Yukon
Projection - NAD 1983 UTM Zone 08N
Nominal Scale - 1 : 10 000
Date - 08/01/2014
393000
394000
6906000
6905000
6904000
0 5 10 20
Kilometers
Nucleus
Revenue
Melissa
Tinta Hill
Goldy
Dart
QFP
AND
SCH
QMO
SYE
FGL015 00+00
FGL016 02+25E
FGL017 00+00
FGL018 07+25E
FGL016 00+00
FGL024 00+00
FGL030 11+25E
FGL025 10+25E
FGL031 11+00E
FGL026 08+00E
FGL032 08+00E
FGL015 09+00W
FGL016 07+50W
FGL018 00+00
FGL017 10+25W
FGL018 03+75W
FGL024 11+25W
FGL030 00+00
FGL025 00+00
FGL026 00+00
FGL031 00+00
FGL032 00+00
FGL027 00+00
FGL035 00+00
FGL033 05+00W
FGL028 05+00W
FGL034 00+00
FGL029 00+00
FGL027 05+00E
FGL033 00+00
FGL035 04+25E
FGL028 00+00
FGL034 05+00E
FGL029 05+00E
AHFGD005
AHFGD004
AHFGD003
AHFGD002
AHFGD001
MMGFD002
Property Geology Compilation
(*refer to references)
Alkali Leucogranite (ALGR)
Andesite (AND)
Aplite (APL)
Bow Creek Granite (BCG)
cg Porphyrytic Granite (CPGR)
Diorite (DIO)
Dyke (DYK)
Gneiss (GNE)
Granite (GRA)
Granodiorite (GRD)
Hornblende Monzonite (HMON)
K-Monzonite (KMON)
Leucogranite (LGR)
Microgranite (MGR)
mg Porphyritic Granite (MPGR)
Quartz-Feldspar Porphyry (QFP)
Quartz Monzonite (QMO)
Metasediments (SCH)
Shear Corridor (SHE)
Syenite (SYE)
Tuffisite (TUF)
Undifferentiated Granite (UGRA)
Legend
2013 Soil Sample
Pb ppm
< 12 (50th Percentile)
12.1 - 30 (75th Percentile)
30.1 - 63 (90th Percentile)
63.1 - 116 (95th Percentile)
> 116 (99th Percentile)
2013 Silt Sample
Pb ppm
< 17 (50th Percentile)
17.1 - 28 (75th Percentile)
28.1 - 65 (90th Percentile)
65.1 - 155 (95th Percentile)
> 155 (99th Percentile)
Mineral Showing
Contour Line
Road
Stream
Tenure Boundary
2013 Goldy / Dart Geochemical Survey Area
N
0 50 100 200 300 400 500
Meters

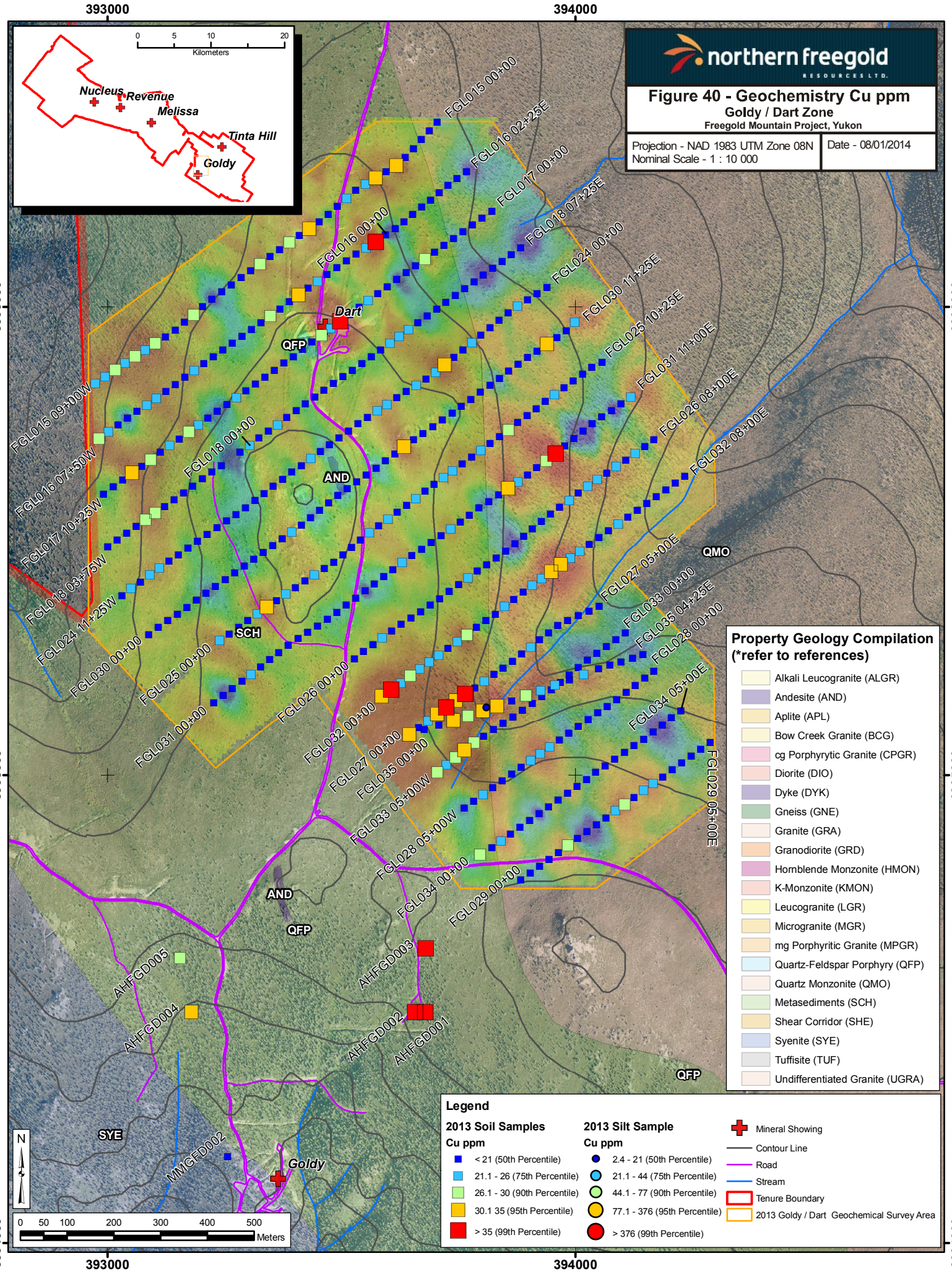

northern freegold
RESOURCES LTD.
Figure 40 - Geochemistry Cu ppm
Goldy / Dart Zone
Freegold Mountain Project, Yukon
Projection - NAD 1983 UTM Zone 08N
Nominal Scale - 1 : 10 000
Date - 08/01/2014
393000
394000
6906000
6905000
6904000
0 5 10 20
Kilometers
Nucleus
Revenue
Melissa
Tinta Hill
Goldy
Dart
FGL015 00+00
FGL016 02+25E
FGL017 00+00
FGL018 07+25E
FGL016 00+00
FGL024 00+00
FGL030 11+25E
FGL025 10+25E
FGL031 11+00E
FGL026 08+00E
FGL032 08+00E
FGL027 05+00E
FGL033 00+00
FGL035 04+25E
FGL028 00+00
FGL034 05+00E
FGL029 05+00E
FGL015 09+00W
FGL016 07+50W
FGL017 10+25W
FGL018 03+75W
FGL024 11+25W
FGL030 00+00
FGL025 00+00
FGL031 00+00
FGL018 00+00
FGL026 00+00
FGL032 00+00
FGL027 00+00
FGL035 00+00
FGL033 05+00W
FGL028 05+00W
FGL034 00+00
FGL029 00+00
QFP
AND
SCH
QMO
SYE
AHFGD005
AHFGD004
AHFGD003
AHFGD002
AHFGD001
MMGFD002
Property Geology Compilation
(*refer to references)
Alkali Leucogranite (ALGR)
Andesite (AND)
Aplite (APL)
Bow Creek Granite (BCG)
cg Porphyrytic Granite (CPGR)
Diorite (DIO)
Dyke (DYK)
Gneiss (GNE)
Granite (GRA)
Granodiorite (GRD)
Hornblende Monzonite (HMON)
K-Monzonite (KMON)
Leucogranite (LGR)
Microgranite (MGR)
mg Porphyritic Granite (MPGR)
Quartz-Feldspar Porphyry (QFP)
Quartz Monzonite (QMO)
Metasediments (SCH)
Shear Corridor (SHE)
Syenite (SYE)
Tuffisite (TUF)
Undifferentiated Granite (UGRA)
Legend
2013 Soil Samples
Cu ppm
< 21 (50th Percentile)
21.1 - 26 (75th Percentile)
26.1 - 30 (90th Percentile)
30.1 35 (95th Percentile)
> 35 (99th Percentile)
2013 Silt Sample
Cu ppm
2.4 - 21 (50th Percentile)
21.1 - 44 (75th Percentile)
44.1 - 77 (90th Percentile)
77.1 - 376 (95th Percentile)
> 376 (99th Percentile)
Mineral Showing
Contour Line
Road
Stream
Tenure Boundary
2013 Goldy / Dart Geochemical Survey Area
N
0 50 100 200 300 400 500
Meters

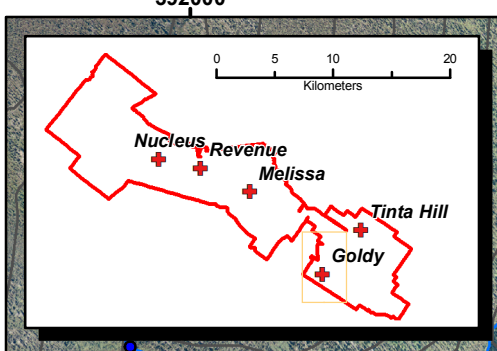
Figure 41- Geochemistry As ppm

Goldy / Dart Zone - Total

Freegold Mountain Project, Yukon

northern freegold RESOURCES LTD.

Projection - NAD 1983 UTM Zone 08N Nominal Scale - 1 : 15 000	Date - 08/01/2014



392000 393000 394000 395000

6907000 6906000 6905000 6904000 6903000 6902000

SYE DYK Dart QFP AND QMO SCH UGRA Goldy

Property Geology Compilation (*refer to references)

- Alkali Leucogranite (ALGR)
- Andesite (AND)
- Aplite (APL)
- Bow Creek Granite (BCG)
- cg Porphyrytic Granite (CPGR)
- Diorite (DIO)
- Dyke (DYK)
- Gneiss (GNE)
- Granite (GRA)
- Granodiorite (GRD)
- Hornblende Monzonite (HMON)
- K-Monzonite (KMON)
- Leucogranite (LGR)
- Microgranite (MGR)
- mg Porphyritic Granite (MPGR)
- Quartz-Feldspar Porphyry (QFP)
- Quartz Monzonite (QMO)
- Metasediments (SCH)
- Shear Corridor (SHE)
- Syenite (SYE)
- Tuffisite (TUF)
- Undifferentiated Granite (UGRA)

Legend

2013 and Historic Soil Sample As ppm
- 0 - 35 (<75th Percentile)
- 35 - 80 (75th Percentile)
- 80-140 (90th Percentile)
- 140 - 450 (95th Percentile)
- 450 - 6860 (99th Percentile)

2013 and Historic Silt Sample As ppm
- < 49 (50th Percentile)
- 49.1 - 99 (75th Percentile)
- 99.1 - 173 (90th Percentile)
- 173.1 - 384 (95th Percentile)
- > 384 (99th Percentile)

- Mineral Showing
- Contour Line
- Road
- Stream
- Tenure Boundary
- 2013 Goldy / Dart Geochemical Survey Area

N

0 100 200 400 600 800 1,000 Meters

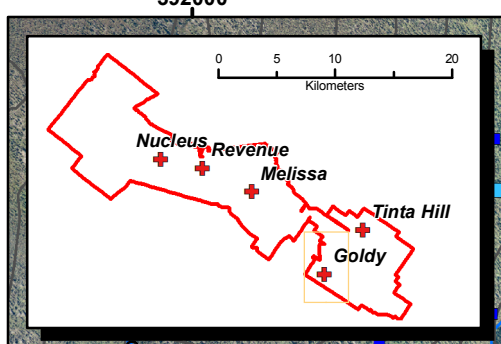
Figure 42- Geochemistry Au ppb

Goldy / Dart Zone - Total

Freegold Mountain Project, Yukon

Projection - NAD 1983 UTM Zone 08N
Nominal Scale - 1 : 15 000

Date - 08/01/2014



392000 393000 394000 395000

6907000 6906000 6905000 6904000 6903000 6902000

SYE DYK Dart QFP AND QMO SCH UGRA Goldy

Property Geology Compilation (*refer to references)

- Alkali Leucogranite (ALGR)
- Andesite (AND)
- Aplite (APL)
- Bow Creek Granite (BCG)
- cg Porphyrytic Granite (CPGR)
- Diorite (DIO)
- Dyke (DYK)
- Gneiss (GNE)
- Granite (GRA)
- Granodiorite (GRD)
- Hornblende Monzonite (HMON)
- K-Monzonite (KMON)
- Leucogranite (LGR)
- Microgranite (MGR)
- mg Porphyritic Granite (MPGR)
- Quartz-Feldspar Porphyry (QFP)
- Quartz Monzonite (QMO)
- Metasediments (SCH)
- Shear Corridor (SHE)
- Syenite (SYE)
- Tuffisite (TUF)
- Undifferentiated Granite (UGRA)

Legend

2013 and Historic Soil Sample Au ppb

- 0 - 9 (<75th Percentile)
- 9 - 20 (75th Percentile)
- 20 - 35 (90th Percentile)
- 35 - 100 (95th Percentile)
- > 100 (99th Percentile)

2013 and Historic Silt Sample Au ppb

- < 30 (<75th Percentile)
- 30.1 - 96 (75th Percentile)
- 96.1 - 203 (90th Percentile)
- 203.1 - 372 (95th Percentile)
- > 372 (99th Percentile)

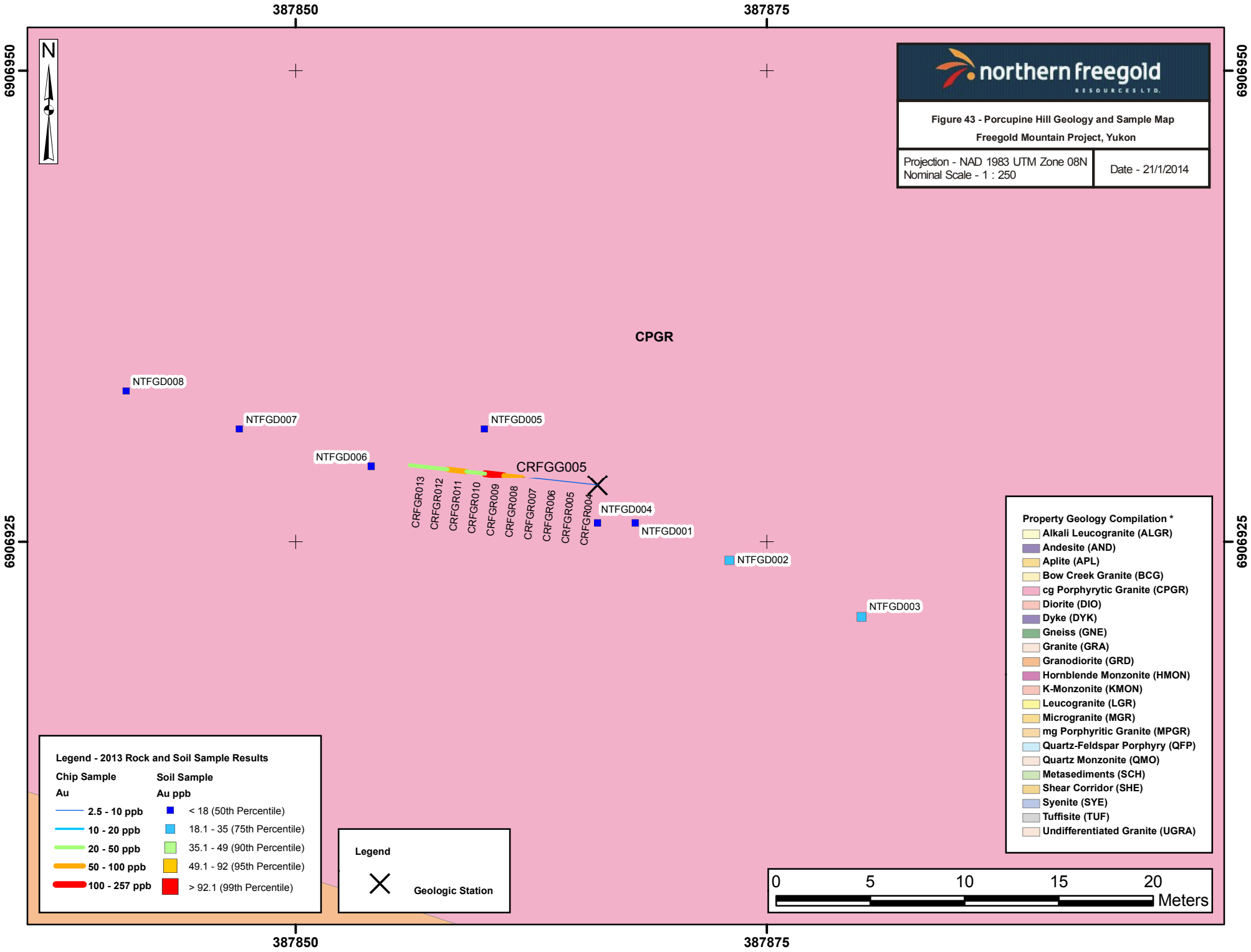
- Mineral Showing
- Contour Line
- Road
- Stream
- Tenure Boundary
- 2013 Goldy / Dart Geochemical Survey Area

0 100 200 400 600 800 1,000 Meters

N

Porcupine Hill Zone:

A total of 8 dirt samples and 10 rock chip samples were collected from a road cut upon the recognition of an extensive zone of brecciation measuring up to 20 metres wide containing vuggy silica hosted within coarse grained porphyritic granite. The granite is light pinkish-white in color and displays a bleached appearance. Silica alteration is pervasive and in places texture destructive. Trace fine grained pyrite was observed within the silica breccia matrix. Of the 8 dirt samples collected none returned values > 75th percentile (35 ppb Au). Of the 10 chip samples collected, one sample CRFGR009 returned an anomalous Au value of 257 ppb. Although the gold value in CRFGR009 is low it does confirm the presence of gold within the hydrothermal system responsible for the brecciation and may represent a lithocap above a buried porphyry-epithermal system. Future work is recommended to follow up on this area including petrographic analysis of CRFGR009 to identify clay mineralogy and gold distribution, prospecting and alteration mapping, geochemical sampling and trenching if warranted.


387850
387875
6906950
6906925
N
northern freegold
RESOURCES LTD.
Figure 43 - Porcupine Hill Geology and Sample Map
Freegold Mountain Project, Yukon
Projection - NAD 1983 UTM Zone 08N
Nominal Scale - 1 : 250
Date - 21/1/2014
CPGR
NTFGD008
NTFGD007
NTFGD006
NTFGD005
CRFGG005
CRFGR013
CRFGR012
CRFGR011
CRFGR010
CRFGR009
CRFGR008
CRFGR007
CRFGR006
CRFGR005
CRFGR004
NTFGD004
NTFGD001
NTFGD002
NTFGD003
Property Geology Compilation *
Alkali Leucogranite (ALGR)
Andesite (AND)
Aplite (APL)
Bow Creek Granite (BCG)
cg Porphyrytic Granite (CPGR)
Diorite (DIO)
Dyke (DYK)
Gneiss (GNE)
Granite (GRA)
Granodiorite (GRD)
Hornblende Monzonite (HMON)
K-Monzonite (KMON)
Leucogranite (LGR)
Microgranite (MGR)
mg Porphyritic Granite (MPGR)
Quartz-Feldspar Porphyry (QFP)
Quartz Monzonite (QMO)
Metasediments (SCH)
Shear Corridor (SHE)
Syenite (SYE)
Tuffisite (TUF)
Undifferentiated Granite (UGRA)
Legend - 2013 Rock and Soil Sample Results
Chip Sample
Au
2.5 - 10 ppb
10 - 20 ppb
20 - 50 ppb
50 - 100 ppb
100 - 257 ppb
Soil Sample
Au ppb
< 18 (50th Percentile)
18.1 - 35 (75th Percentile)
35.1 - 49 (90th Percentile)
49.1 - 92 (95th Percentile)
> 92.1 (99th Percentile)
Legend
Geologic Station
0
5
10
15
20
Meters

Petrographic Report

A total of 3 rock samples (AHFGR086, AHFGR087 and MMFGR139) were submitted to Vancouver Petrographics Ltd., for petrographic analysis. The samples were selected to characterize mineralogy and textures to better constrain their paragenesis. Samples AHFGR086 and AHFGR087 were collected from the Irene showing whilst sample MMFGR139 was collected from the Dart showing.

The three samples are characterized by a brecciated microstructure. Within Samples AHFGR086 and 087, the inequigranular, sub-rounded to sub-angular fragments are made up of (i) inequigranular, silicified aggregates and (ii) dolomite-bearing aggregates. These fragments are immersed within a quartz-rich matrix. Sample AHFGR086 shows microstructures that indicate the occurrence of a significant amount of wear abrasion/cataclastic flow. Sample AHFGR086 hosts an accessory amount of pyrite, which is preferentially crystallized within the matrix. Arsenopyrite prevails over the pyrite in sample AHFGR087. Within sample MMFGR139, sphalerite and arsenopyrite overprinted the dolomite-rich fragments. The fragments were then filled in by euhedral and tabular barite and quartz (after Colombo, 2013).

Samples AHFGR086 and AHFGR087 have a similar composition, dominated by quartz and dolomite. Within sample MMFGR139, the prevailing carbonate is calcite. The calcite was overprinted by relatively abundant sphalerite and arsenopyrite. The fragments were brecciated and filled in by abundant barite and quartz. The occurrence of barite as infill mineral indicates that the brecciation occurred at temperatures of up to 300°C and was crystallized from relatively oxidized fluids with moderate salinities (after Colombo, 2013).

Based upon the petrographic analysis described above and the overall geologic setting for the Project samples AHFGR086 – 087 and MMFGR139 display an affinity toward an epithermal-type environment with near neutral ph conditions (presence of (dolomite +/-calcite), at temperatures of up to 300°C.

For a detailed summary of each sample refer to the petrographic report which can be found in Appendix VII.

Conclusions

At the outset of the 2013 exploration program some key areas were identified which hinder the Company's ability to generate a cohesive exploration model in order to evaluate the tenure on a property scale. One of the biggest challenges the Project has faced over the course of it's recent (2006 - present) history is prioritizing exploration activities on the numerous historic mineral occurrences and developing a systematic strategy for assessing their potential. This is in part due to the number of varying exploration targets (porphyry/epithermal/skarn) found across the property, changing market conditions and it's very large size (> 200 square km).

Another challenge faced by the project has been distilling, organizing, normalizing and managing over 40 years of historic data collected on the property by a myriad of exploration companies. Such a trove of exploration data commands the attention of those who explore the property but caution must be exercised to ensure that the historic results are put into proper context before exploration decisions are made. For example: at first glance it appears as though historic geochemical surveys have blanketed the property and provided detailed coverage from which the Company can base project design decisions or make geological interpretations upon. However with a little detective work it became apparent that finding comparable datasets (in terms of elements analyzed, sample preparation, digestion methods, analytical methods, detection limits, target soil horizon, sample depth, etc.) was a rarity across the property (largely due to fragmented ownership) with the exception of recent data (2009 – present). In reality, geochemical coverage across the property is incomplete and inadequate in many ways to provide a comprehensive understanding of the mineralizing systems and their respective geochemical signatures. With extensive cover (< 5 % outcrop) blanketing the property it is essential to obtain quality geochemical data coverage to efficiently and effectively prioritize exploration targets.

The pre and post field work completed in 2013 began to systematically organize historic surface geochemical and geologic data primarily by normalizing geochemical data within a structured database format and compiling historic bedrock geology maps. It will take considerable resources to bring the vast data library into one standardized, easy-to-use format but is not seen as an impossibility given the tremendous effort put forth over recent years. Particular attention should be given to further compile, rigorously examine and analyze the data where possible and identify key areas where future work should be focused.

Geochemical surveys completed during 2013 identified/confirmed two exploration targets which warrant further work.

The Discovery Zone survey successfully delineated a 150 – 300 metre wide by 900 metre long west-northwest trending zone of coincident anomalous gold (90th – 99th percentile) – silver (90th – 99th percentile) – arsenic (90th – 99th percentile) – bismuth (75th – 99th percentile) – lead (90th 99th percentile) – antimony (75th – 99th percentile) east of the existing geochemical grid completed in 1986 and west of the geochemical grid completed in 2011. The total strike length of the anomalous gold zone (> 90th percentile) is currently defined up to 1.7 km. The anomaly is interpreted to define a widespread hydrothermal alteration zone within metasedimentary rocks and is spatially associated with quartz-feldspar porphyry dyke swarms and west-northwest trending structural lineaments. The anomaly encompasses the historic Melissa and Lucinda showings. Surprisingly, favorable geochemical results were not obtained from soils east of the Jilly-Bob polymetallic vein system demonstrating that mineralization is not always dispersed uniformly or detectable through the soil profile. Geochemical results from rock chip samples collected from TR13-002 indicate that both the quartz-feldspar porphyry dykes and metasedimentary rocks have elevated levels of arsenic and weakly anomalous gold. Future evaluation of the target area should focus on leveling geochemical statistics with particular emphasis placed on identifying specific geochemical signatures for geologic units where control exists to further refine high priority exploration targets.

The Goldy orientation survey was completed over zones of interest identified through historic trenching and geochemical soil sampling in the area surrounding the Goldy showing. The orientation survey was highly successful in repeating historic results from 6 different soil samples sites (AHFGD001 – 005 & MMFGD002) with 5 of 6 samples returning > 99th percentile gold and all samples returning > 95th percentile gold. All sample locations remain high priority targets for follow up work, with particular interest on samples AHFGD001 which returned 2730 ppb Au/4100 ppm As/3.07 ppm Cd, AHFGD002 which returned 635 ppb Au/6860 ppm As/3.72 ppm Cd and MMFGD002 which returned 218 ppb Au/230 ppm As/1.33 ppm Cd. The B-horizon geochemical survey located approximately 1 km north from the Goldy Zone has successfully delineated a 150 metre wide by 400 metre long extension of coincident anomalous gold (90th – 99th percentile) – arsenic (90th – 99th percentile) – cadmium (90th – 95th percentile) in soil north of the existing geochemical grid completed in 1987. The total strike length of the anomalous zone is currently defined 1.3 km north of Goldy showing. This anomaly, in particular the area immediately north of the Goldy showing, is a high priority target and further work is recommended to systematically define diamond drill targets using high density (12.5 m spacing) mechanized auger sampling or percussion drilling of C-horizon/bedrock material where possible. Grid sampling should begin north of the Goldy showing around TR13-009 and progress southward on 50 m spaced cut-lines where ground conditions permit. Permafrost within a thick till

cover are problematic in this area and should be considered during future exploration planning.

The trenching program was successful in discovering a significant new gold-bearing occurrence which has been named the "Irene". Located within Guder Gulch 1.2 km north of the Stoddart prospect and 4.6 km east of the Revenue Deposit, the Irene occurrence is comprised of vein and breccia controlled gold-bearing sulphide mineralization. Bedrock sampling confirmed gold mineralization over an area measuring 6.5 metres true width by 80.0 metres along strike with gold assays from trench TR13-021 returning 7.11 gpt Au over 3.0 metres including 11.35 gpt over 1.0 metre. The zone remains open in all directions with bedrock exposure in the immediate area encumbered by extensive gravel cover. Such a new discovery highlights the potential for high-grade gold mineralization at surface, in an under-explored area of the Property and warrants follow up work. The trenching program was also extremely successful in efficiently ground-truthing 21 historic geochemical anomalies. With a robust road network providing access to much of the Property, future exploration programs should adopt a similar trenching component to continue to evaluate and prioritize historic anomalies. Multi-stage trenching is required in many areas of the property to accommodate for permafrost melt and should be considered during the planning stages of future programs.

Although the Freegold Mountain area has undergone extensive exploration over the past 83 years, future work is recommended to determine the full economic potential of the Project. The land package currently held by Northern Freegold Resources covers a fertile and very prospective segment of the Big Creek Fault Zone (BCFZ) and is endowed with three NI43-101 compliant deposits and numerous showings which represent porphyry-epithermal systems related to punctuated Mid-and Late-Cretaceous magmatic events. Furthermore, the Late-Cretaceous event, defined by Allan et al. 2013 and Bineli, 2011, has been recognized on the Freegold Mountain property to span at least 5 Ma (79 Ma – 74 Ma) and is responsible for the emplacement of the Stoddart (porphyry) prospect and both the Revenue (porphyry) and Nucleus (porphyry-skarn-epithermal) deposits. These porphyry-hydrothermal systems define a 6.0 km northwest trending fertile exploration corridor within the BCFZ forming the core assets of the Freegold Mountain property. The newly discovered Irene gold-bearing occurrence located 1.2 km north of the Stoddart porphyry prospect and 4.6 km east of the Revenue Deposit demonstrates the potential for high-grade gold mineralization at surface, within this under-explored fertile segment of the BCFZ.

Future work on the property should focus on defining near surface (< 100 m) high-grade gold mineralization such as that observed at the Irene. This would provide the potential for resource definition and extraction with relatively low exploration/development costs compared to the vast resources required to further define and develop low-grade porphyry-type copper-gold resources such as the Nucleus and Revenue deposits.

RECOMMENDATIONS

Additional work is recommended to advance the three deposits and numerous prospects which comprise the Freegold Mountain Project.

Future exploration work should include but is not limited to:

- Detailed compilation, digitization, QAQC and analysis of over 40+ years of existing property data ($20,000.00);
- Systematic exploration of the area encompassing the Irene including ($250,000.00 -$300,000.00):
  - Reinterpretation of geophysical data (Magnetic and IP data) with petrophysical constraints provided form physical rock properties;
  - Detailed orientation and infill geochemical surveys of the Guder Creek catchment basing (pXRF geochemical mapping) using mechanized auger and conventional auger sampling techniques;
  - Trenching high-priority geochemical anomalies along strike of the Irene showing;
  - Bedrock sampling in areas of extensive cover along strike from the Irene showing using a percussion drill;
  - Bedrock mapping and trench sampling of new exposure in placer workings;
  - Diamond drilling (minimum 500 metres) of the Irene showing;

The data compilation component described above should be considered an individual project to itself completed during the winter months in advance of future field work. At a minimum, resources should be devoted to QAQC of all surface geochemical data, importing missing historic multi-element geochemistry, digitizing historic geophysics-geology maps where necessary and bringing surface trenching data into one consistent user-friendly format. A preliminary budget of $20,000.00 is recommended to complete the minimum data compilation outlined above and will require approximately 20 days to finish. Computer modelling (3-D wire-framing) generated from historic diamond drill data from the Goldy, Margarete and Tinta Hill zones would also be of value to constrain geology in advance of future exploration work in these areas when resources are available to do so. In addition, the company would greatly benefit by allocating resources toward bringing all property data (geochemistry, geology and diamond drilling) into one database structure and creating a “universal data package” that can easily be used and transferred by both the Company and it's service providers.

The advancement of the Irene showing as described above is regarded as a high-priority exploration target that warrants work during the upcoming field season. At a minimum, field crews should map and sample any new bedrock exposed during placer mining operations in Guder Creek. The full scope of the work outlined above would require on the order of $250,000.00 - $300,000.00 of expenditures depending on camp infrastructure costs, contractor rates and the amount of trenching/percussion drilling performed in advance of diamond drilling. It would be reasonable to allocate $100,000.00 - $120,000.00 for 500 metres of preliminary diamond drilling at the Irene, which would take priority over proximal trenching and geochemical surveys.

Future work on the Freegold Mountain Project outside of the Irene showing should include continued resource definition at the Nucleus, Revenue and Tinta Hill deposits. Grassroots exploration should be designed to evaluate, prioritize and advance targets outside of the core deposits including but not limited to the geochemical anomalies defined during the 2013 program in the Discovery and Goldy zones.

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(* denotes reference containing historic bedrock geology and interpreted geology maps used to generate the geology maps used in this report)

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2013 Geological and Geochemical Report

for the

Freegold Mountain Property
Volume II – Appendices

Whitehorse Mining District, Central Yukon Territory
Map sheets115I/3, 115I/6, and 115I/7
Latitude 62°18'N, Longitude 137°12'W

Prepared for:

Northern Freegold Resources Ltd.
Suite 307 – 475 Howe Street
Vancouver, British Columbia, Canada
V6C 2B3

By
Mike McCuaig, P.Geo
TerraLogic Exploration Inc.
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and
Aaron Higgs, B.Sc.
TerraLogic Exploration Inc.
Suite 200, 44-12th Ave South
Cranbrook, British Columbia, Canada
V1C 2R7

Appendix I – Statement of Qualifications

STATEMENT OF QUALIFICATIONS

I, Michael A. McCuaig, P.Geo. Do hereby certify that:

I am currently employed as a Geologist, with TerraLogic Exploration Inc. with business address: Suite 200, 44-12th Avenue South, Cranbrook, BC, V1C 2R7.

I graduated with a Bachelor of Science Degree from St. Francis Xavier University in 2003.

I have worked as a geologist for seven years since my graduation from university.

I am currently a member in good standing with APEGBC, Registration Number 39402.

I supervised the 2013 exploration program on the Freegold Mountain property.

This report is supported by geochemical data and samples collected during fieldwork on the Freegold Mountain property in the Whitehorse Mining District, YK, NTS 115 I/3 and 115 I/7, during the period August – September 2013.

I have authored the assessment report titled "2013 Geological and Geochemical Report for the Freegold Mountain Property" and dated February 10th, 2014 to the exploration program conducted by Northern Freegold Resources Ltd.

I am a full time employee with TerraLogic Exploration Inc., since June 1st, 2011, who currently holds 8,333,333 shares in Northern Freegold Resources Ltd.

Dated this 10th day of February 2014, in Cranbrook, British Columbia.

Michael A. McCuaig

Aaron A. Higgs, B. Sc.

I, Aaron Ashwell Higgs, B.Sc. do hereby certify that:

I am currently employed as a Geologist by TerraLogic Exploration Inc., with business location of Suite 200, 44-12th Ave S., Cranbrook, BC, V1C 2R7 (Telephone: 778-520-2000, email: aah@terralogicexploration.com

I graduated with a Bachelor of Science in Geology from the University of British Columbia in the year 2005.

I have worked as a Geologist in Western Canada for nine years.

I am partly responsible for the preparation of this Technical Report entitled "2013 Geological and Geochemical Report for the Freegold Mountain Property", prepared for Northern Freegold Resources Ltd.

Dated at Cranbrook, British Columbia, Canada this 11th day of February, 2014.

Respectfully submitted



Aaron A. Higgs, B.Sc. (Geol)

Appendix II – Statement of Expenditures

Freegold Mountain Project - 2013					
Geological and Geochemical Surveys					
Personnel/Position	**Field Days**	**Days**	**Rate**	**Subtotal**	
Mike McCuaig, P.Geo/Project Manager - Geologist	08/09/13 - 08/31/13; 09/23/13 - 09/27/13	26.5	$625.00	$16,562.50	
Aaron Higgs/Project Geologist	08/07/13; 08/10/13 - 08/31/13	22.2	$625.00	$13,875.00	
Nathan Taylor/Geotechnician	08/04/13 - 08/06/13; 08/10/13 - 08/30/13; 09/03/13 - 09/04/13	26.0	$425.00	$11,050.00	
Chris Shook/Geotechnician	08/10/13 - 09/01/13	23.7	$375.00	$8,887.50	
Clay Roehner/Junior Geologist	08/10/13 - 09/01/14	23.7	$475.00	$11,257.50	
Kyle Cashin/Geotechnician	08/09/13 - 08/26/13	17.5	$375.00	$6,562.50	
Malcom Cashin/Geotechnician	09/23/13 - 09/25/13	2.0	$375.00	$750.00	
Amanda Ball/Cook - OFA Level 3	08/10/13 - 08/14/13	5.0	$500.00	$2,500.00	
Amanda Ball/Cook	08/15/13 - 08/30/13	16.00	$450.00	$7,200.00	
			33.1%	$78,645.00	**$78,645.00**
Office Studies	**List Personnel**	**Days**			
Project Management	Mike McCuaig	10.00	$625.00	$6,250.00	
Data compilation (geology and geochemistry)	Mike McCuaig	12.45	$625.00	$7,781.25	
Technical Support	Grayson Clauge	0.20	$300.00	$60.00	
Equipment Management	Brad Robison	4.47	$525.00	$2,346.75	
Equipment Management	Nathan Taylor	3.00	$475.00	$1,425.00	
Database compilation	Chris Gallagher	2.27	$725.00	$1,645.75	
Database compilation	Jason Kolcun	2.13	$425.00	$905.25	
Geochemical Analysis	Aaron Higgs	7.87	$625.00	$4,918.75	
GIS - Map Production	Jesse Campbell	0.47	$725.00	$340.75	
Report preparation	Mike McCuaig	25.5	$625.00	$15,937.50	
Report preparation	Brad Robison	3.86	$525.00	$2,026.50	
Report preparation	Nathan Taylor	0.13	$475.00	$61.75	
Report preparation	Aaron Higgs	2.7	$625.00	$1,662.50	
			19.1%	$45,361.75	**$45,361.75**
Geochemical Surveying	**Number of Samples**	**No.**	**Rate**	**Subtotal**	
Stream sediment		5.0	$33.03	$165.16	
Soil		1176.0	$33.03	$38,846.62	
Rock		28.0	$42.85	$1,199.80	
Whole rock		2.0	$57.89	$115.78	
Petrology	Petrographic descriptions and polished display samples	3.0	$318.50	$955.50	
			17.4%	$41,282.86	**$41,282.86**
Other Operations	**Clarify**	**No.**	**Rate**	**Subtotal**	
Trenching	Rock chip samples	209.0	$42.85	$8,955.65	
Trenching (Diesel Fuel for Excavator)	Payment to contractor for bedrock trenching @ placer operation			$4,107.63	
			5.5%	$13,063.28	**$13,063.28**
Transportation				**Subtotal**	
Airfare				$4,647.77	
Taxi				$58.88	
Truck rental				$1,850.00	
Kilometers		8436	$0.30	$2,530.80	
ATV (side-by-side)				$2,520.00	
Fuel (Truck)				$5,153.37	
Fuel (Diesel for Excavator)				$832.80	
Parking	Airport parking and translink (shuttle from airport)			$66.21	
extra baggage				$20.00	
			7.4%	$17,679.83	**$17,679.83**
Accommodation & Food				**Subtotal**	
Hotel				$2,154.66	
Meals				$2,008.22	
Camp Groceries	Actual Cost			$6,813.39	
Camp Supplies	Bear deterrent, duct tape, garden hose, general plumbing fittings, safety glasses, gloves			$1,001.48	
			5.0%	$11,977.75	**$11,977.75**
Geological and Geochemical				**Subtotal**	
Report Production	Printing Assessment Report			$500.00	
Geological Supplies	Silver and gold reference ore, waterproof paper, geo bound books, stationary			$905.94	
Sampling Consumables	sample bags, tags, flagging, ployweave shipping bags			$653.64	
			0.9%	$2,059.58	**$2,059.58**
Equipment Rentals		months	per month	**Subtotal**	
Chainsaw		0.84	$150.00	$126.00	
Cut-Off Saw (Macpherson Rentals)	Includes diamond blade, 2" water pump and hose			$228.00	
Computer (Lap top)		1.42	$220.00	$312.40	
Computer (Ruggedized field tablet)		1.68	$220.00	$369.60	
Digital Camera		0.71	$100.00	$71.00	
Excavator	Kubota KX-91			$3,780.00	
Field Camp		0.71	$3,500.00	$2,485.00	
Field Gear	(Vest, Hammer, Geotool, Ipod, Compass, GPS, First Aid Kit)	4.00	$200.00	$800.00	
Firearm (12 Gague Shot Gun)		0.84	$100.00	$84.00	
Freezer		0.71	$400.00	$284.00	
Fridge		0.71	$400.00	$284.00	
Generator (0 - 2 kw)		0.71	$1,000.00	$710.00	
Generator (3 - 10 kw)		0.71	$1,350.00	$958.50	
Hand Held Radios	7 radios rented for 0.78 months	5.49	$220.00	$1,207.80	
Microscope		0.84	$100.00	$84.00	
Repairs and Maintenance	2 trailer tires, muffler repair, oil change, truck wash, replace trailer jack			$814.42	
Rock Saw (TerraLogic)		0.84	$350.00	$294.00	
Satellite Internet		0.84	$1,100.00	$924.00	
Satellite Phone (TerraLogic)		1.65	$250.00	$412.50	
Sat Phone Airtime (TerraLogic)				$273.13	
Satellite Phone (Kootenay Communications)				$74.90	
Small Tool Kit		0.84	$100.00	$84.00	
Spill Kit Large		0.71	$266.00	$188.86	
Stove (propane) and Geostove		2.13	$400.00	$852.00	
Trailer (Enclosed)	Transport of field gear	0.84	$2,000.00	$1,680.00	
Trailer (Flat Deck)	Transport of excavator			$1,500.00	
UV Lamp		0.84	$100.00	$84.00	
Wall Tent	2 wall tents for 0.71 months	1.42	$600.00	$852.00	
			8.3%	$19,818.11	**$19,818.11**
Freight				**Subtotal**	
Shipping Samples				$1,317.79	
			0.6%	$1,317.79	**$1,317.79**
TerraLogic Exploration Handling and Adminstration Fees				**Subtotal**	
				$6,183.47	
			2.6%	$6,183.47	**$6,183.47**
TOTAL Expenditures					**$237,389.42**

Appendix III – Geochemical Protocol

3.1 Handling and Sampling Protocol
3.2 Analytical Techniques
3.3 Software Used

3.1 Handling and Sampling Protocol

All 2013 samples were collected by TerraLogic Exploration Inc employees and sub-contractors. The sampling process is standardized and continually monitored for quality assurance and quality control. Three types of samples were collected during the program, these include: rock, silt and soil samples. All samples are described in a digital form on a Ipod/tablet in the field at the time of collection and also have a GPS location recorded at the site. Sample data was also recorded in field books and locations periodically plotted on field maps as a backup to the digital forms. All of the 2013 samples from the Freegold Mountain program were delivered directly to the ALS prep lab, located at 151 Industrial Rd, Whitehorse, YT, Y1A 2V3. From here, the prepped samples were shipped to the ALS analytical laboratory, located at 2103 Dollarton Hwy, North Vancouver, BC, V7H 0A7 for analysis.

Rock Samples

Transported rock materials were sampled as Float, Talus or Subcrop rock sample types, depending on the perceived distance the rock had travelled from its source. Rocks were collected from outcrop/rubble crop as fist sized Grab samples, or as Chip or Channel samples. A Chip sample is a series of continuous and representative samples taken over a set direction and length using a hammer and chisel. Channel samples is a continuous and representative sample using the channel saw. In each case rock samples were recorded on the digital MS Access forms on a tablet with a spatial location and a variety of attributes which include: map unit, major rock type, minor rock type, colour fresh, colour weathered, texture, grain size, mineralization major and mineralization minor. All samples were transported in plastic rice bags with locking plastic straps with unique identification numbers to prevent tampering during the chain of custody.

Soil Samples

Samplers conducted soil sampling traverses over grid based directional lines. Soil lines were laid out using compass bearings, hip chains and GPS. Sample spacing during this program consisted of 25 metres. Soil samples were collected from pits dug with soil augers. Where possible the soil sample was collected from the B-Horizon of the soil profile. Attribute data collected for each soil sample included: sample size, quality, depth, slope of sample site, soil horizon, colour, existence of permafrost and other notes. Sample size is rated from 1-5 with one being much too small and 5 being the perfect sample size, filling roughly ¾ of the Kraft sample bag. Quality of the sample is rated from 1-5 with 1 being very poor quality and 5 being excellent quality. Factors that include: sample size, soil development/quality and depth of sample all contribute to the overall quality attribute.

Silt Samples

Samplers and geologists collected silt samples at any stream they crossed while on a soil line or traverse. Attribute data collected for each silt sample included: sample size, quality, depth, water velocity and tributary order. Samples size is rated on a scale of 1-5 with 1 being a very small sample and 5 being the perfect sample amount, filling roughly ¾ of the Kraft sample bag. Factors that include: sample size and silt quality (lack or pebbles or mud) contribute to the overall quality attribute.

Sample Handling and Shipping Procedure

All samples were brought back to TerraLogic field camp at the Bow Creek camp location on the Freegold Mounatin project; here soil and silt samples were arranged in order and hung to dry. Rock samples were also lined up in order of sampler and number. Samples with damaged bags or unclear labels were re-bagged and placed back into order. Mid-way and at the end of the program, a shipment was prepared. This would require one crew member going through each sample ensuring that all samples were in order and that any missing samples were accounted for with an empty bag marked with the sample number and “LS” for lost sample or “NS” for no sample. Another crew member would record each sample number to be shipped and compare the sample with the databases records, with any discrepancies investigated. Once recorded, the samples were placed in rice bags labeled with the

shipment number and addresses and sealed with a zip tie security seal. Each shipping bag was kept under 25 kg. The sealed bags were delivered directly to the ALS prep lab, located at 151 Industrial Rd, Whitehorse, YT, Y1A 2V3.

Sample Preparation, Analysis and Security

The samples from the 2013 program were analyzed using ICP-MS (Mass Spectrometer), ICP-AES (Emission Spectrometer) and Fire Assay methods. The following methods were used during the program and are further described in section 3.2:

Rocks:

PUL – 32m: Sample preparation which includes screening, crushing to 70% < 2 mm and pulverizing 500g to 85% < 75 µm

ME-ICP41: 35 Element Aqua Regia ICP-AES

ME-MS61: 48 Element Aqua Regia ICP-MS

ME-OG46: Ore Grade Elements – Aqua Regia

Cu-OG46: Ore Grade Cu – Aqua Regia

Ag-OG46" Ore Grade Ag – Aqua Regia

Au-AA23: Au 30g Fire Assay – AA finish

Au-GRA21: Au 30 g Fire Assay – Grav finish

ME-ICP06: Whole Rock Package – ICP-AES

C-IR07: Total Carbon (Leco)

S-IR08: Total Sulphur (Leco)

ME-MS81: Lithium Borate Fusion ICP-MS

ME-MS42: Up to 34 elements by ICP-MS

OA-GRA05: Loss on Ignition at 1000ºC (WST-SEQ)

TOT-ICP06: Total Calculation for ICP06 (ICP-AES)

ME-4ACD81: Base Metal by 4-acid digestion (ICP-AES)

Soils and Silts

SCR-41: screen to -180µm

ME-MS41: 51 element analysis Aqua Regia ICP-MS

Au-TL44: Trace Level Au – 50g Aqua Regia by ICP-MS

Au-AROR44: Au Aqua Regia Overrange - 50g

QAQC

Blank material and standard grade precious metal standards were introduced into the sample chain of custody for analysis. One blank and one standard were inserted for each trench completed during the 2013 program. In addition, a blank sample was also inserted into the chain of sampling after every high grade sample collected. All samples collected from the Irene received "wet-screening" prior to conventional preparation at a size fraction of 12.5 mm to reduce the possibility of placer gold contamination in the samples. Statistical analysis of the QAQC data was completed for Au and the results are consistent with all analytic procedures completed by ALS Minerals being within acceptable parameters.

3.2 Analytical Procedures

ALS Minerals

SAMPLE PREPARATION PACKAGE

PREP- 31

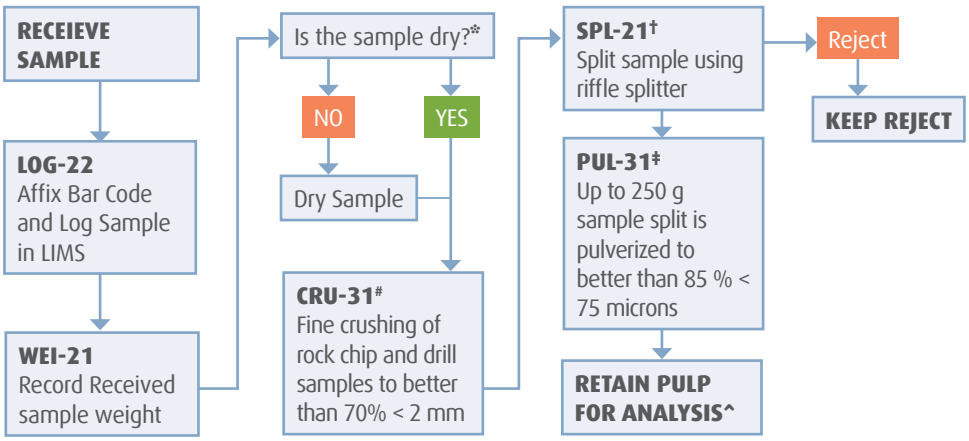
STANDARD SAMPLE PREPARATION: DRY, CRUSH, SPLIT AND PULVERIZE

Sample preparation is the most critical step in the entire laboratory operation. The purpose of preparation is to produce a homogeneous analytical sub-sample that is fully representative of the material submitted to the laboratory.

The sample is logged in the tracking system, weighed, dried and finely crushed to better than 70 % passing a 2 mm (Tyler 9 mesh, US Std. No.10) screen. A split of up to 250 g is taken and pulverized to better than 85 % passing a 75 micron (Tyler 200 mesh, US Std. No. 200) screen. This method is appropriate for rock chip or drill samples.

METHOD CODE	DESCRIPTION
LOG-22	Sample is logged in tracking system and a bar code label is attached.
DRY-21	Drying of excessively wet samples in drying ovens. This is the default drying procedure for most rock chip and drill samples.
CRU-31	Fine crushing of rock chip and drill samples to better than 70% of the sample passing 2 mm.
SPL-21	Split sample using riffle splitter.
PUL-31	A sample split of up to 250 g is pulverized to better than 85% of the sample passing 75 microns.

FLOW CHART - SAMPLE PREPARATION PACKAGE – PREP-31 STANDARD SAMPLE PREPARATION: DRY, CRUSH, SPLIT AND PULVERIZE



*If samples air-dry overnight, no charge to client. If samples are excessively wet, the sample should be dried to a maximum of 120°C. (**DRY-21**)

#QC testing of crushing efficiency is conducted on random samples (**CRU-QC**).

†The sample reject is saved or dumped pending client instructions. Prolonged storage (> 45 days) of rejects will be charged to the client.

‡QC testing of pulverizing efficiency is conducted on random samples (**PUL-QC**).

^Lab splits are required when analyses must be performed at a location different than where samples received.

ALS Minerals

SAMPLE PREPARATION PACKAGE

PREP- 41

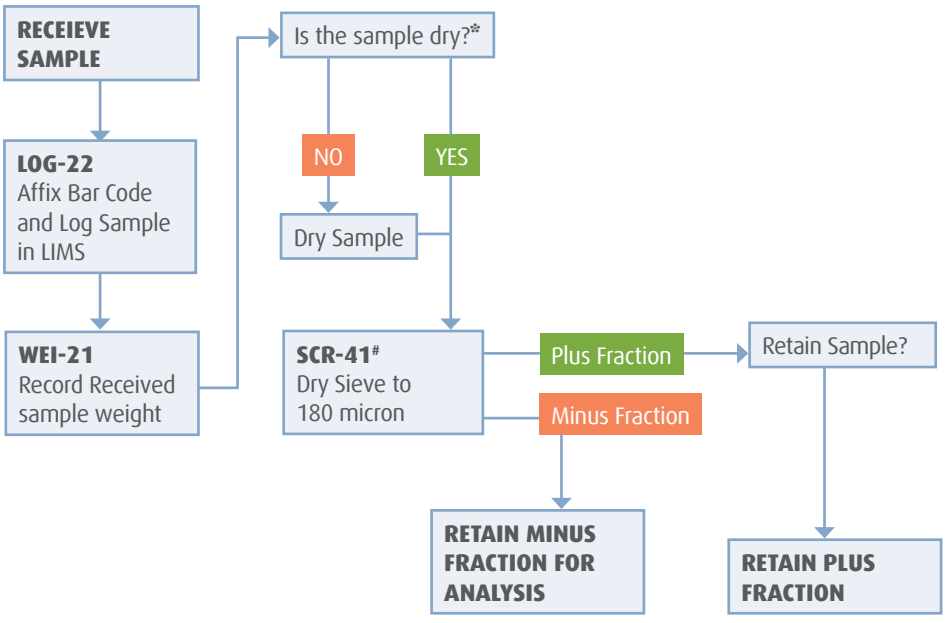
STANDARD PREPARATION: DRY SAMPLE AND DRY- SIEVE TO –180 MICRON

Sample preparation is the most critical step in the entire laboratory operation. The purpose of preparation is to produce a homogeneous analytical sub-sample that is fully representative of the material submitted to the laboratory.

An entire sample is dried and then dry-sieved using a 180 micron (Tyler 80 mesh) screen. The plus fraction is retained unless disposal is requested. This method is appropriate for soil or sediment samples up to 1 kg in weight.

METHOD CODE	DESCRIPTION
LOG-22	Sample is logged in tracking system and a bar code label is attached.
DRY-22	Low temperature drying of excessively wet samples where the oven temperature is not to exceed 60°C. This method is suitable for more soil and sediment samples that are analyzed for volatile elements.
SCR-41	Sample is dry-sieved to – 180 micron and both the plus and minus fractions are retained.

SAMPLE PREPARATION FLOWCHART PACKAGE –PREP- 41



*If samples air-dry overnight, no charge to client. If samples are excessively wet, the sample should be dried to a maximum of 120°C. (**DRY-21**)

#The plus fraction is the material remaining on the screen. The minus fraction is the material passing through the screen.

†The plus fraction is retained unless disposal is requested.



Geochemical Procedure

ME-ICP41

Trace Level Methods Using Conventional ICP-AES Analysis

Sample Decomposition:

HNO3 – HCl Aqua Regia Digestion (GEO-AR01)

Analytical Method:

Inductively Coupled Plasma - Atomic Emission Spectroscopy (ICP - AES)

A prepared sample (0.50 g) is digested with aqua regia for 45 minutes in a graphite heating block. After cooling, the resulting solution is diluted to 12.5 mL with deionized water, mixed and analyzed by inductively coupled plasma-atomic emission spectrometry. The analytical results are corrected for inter-element spectral interferences.

NOTE: In the majority of geological matrices, data reported from an aqua regia leach should be considered as representing only the leachable portion of the particular analyte.

Element	Symbol	Units	Lower Limit	Upper Limit	Default Overlimit Method
Silver	Ag	ppm	0.2	100	Ag-OG46
Aluminum	Al	%	0.01	25	
Arsenic	As	ppm	2	10000	
Boron	B	ppm	10	10000	
Barium	Ba	ppm	10	10000	
Beryllium	Be	ppm	0.5	1000	
Bismuth	Bi	ppm	2	10000	
Calcium	Ca	%	0.01	25	
Cadmium	Cd	ppm	0.5	1000	
Cobalt	Co	ppm	1	10000	
Chromium	Cr	ppm	1	10000	



Geochemical Procedure

Element	Symbol	Units	Lower Limit	Upper Limit	Default Overlimit Method
Copper	Cu	ppm	1	10000	Cu-OG46
Iron	Fe	%	0.01	50	
Gallium	Ga	ppm	10	10000	
Mercury	Hg	ppm	1	10000	
Potassium	K	%	0.01	10	
Lanthanum	La	ppm	10	10000	
Magnesium	Mg	%	0.01	25	
Manganese	Mn	ppm	5	50000	
Molybdenum	Mo	ppm	1	10000	
Sodium	Na	%	0.01	10	
Nickel	Ni	ppm	1	10000	
Phosphorus	P	ppm	10	10000	
Lead	Pb	ppm	2	10000	Pb-OG46
Sulfur	S	%	0.01	10	
Antimony	Sb	ppm	2	10000	
Scandium	Sc	ppm	1	10000	
Strontium	Sr	ppm	1	10000	
Thorium	Th	ppm	20	10000	
Titanium	Ti	%	0.01	10	
Thallium	Tl	ppm	10	10000	
Uranium	U	ppm	10	10000	
Vanadium	V	ppm	1	10000	
Tungsten	W	ppm	10	10000	
Zinc	Zn	ppm	2	10000	Zn-OG46



Elements listed below are available upon request

Element	Symbol	Units	Lower Limit	Upper Limit	Default Overlimit Method
Cerium	Ce	ppm	10	10000	
Hafnium	Hf	ppm	10	10000	
Indium	In	ppm	10	10000	
Lithium	Li	ppm	10	10000	
Niobium	Nb	ppm	10	10000	
Rubidium	Rb	ppm	10	10000	
Selenium	Se	ppm	10	10000	
Silicon	Si	ppm	10	10000	
Tin	Sn	ppm	10	10000	
Tantalum	Ta	ppm	10	10000	
Tellurium	Te	ppm	10	10000	
Yttrium	Y	ppm	10	10000	
Zirconium	Zr	ppm	5	10000	



Geochemical Procedure

ME- MS41
Ultra- Trace Level Methods Using ICP- MS and ICP- AES

Sample Decomposition:

Aqua Regia Digestion (GEO-AR01)

Analytical Method:

Inductively Coupled Plasma-Atomic Emission Spectroscopy (ICP-AES) Inductively Coupled Plasma - Mass Spectrometry (ICP-MS)

A prepared sample (0.50 g) is digested with aqua regia in a graphite heating block. After cooling, the resulting solution is diluted to with deionized water, mixed and analyzed by inductively coupled plasma-atomic emission spectrometry. Following this analysis, the results are reviewed for high concentrations of bismuth, mercury, molybdenum, silver and tungsten and diluted accordingly. Samples are then analysed by ICP-MS for the remaining suite of elements. The analytical results are corrected for inter-element spectral interferences.

Element	Symbol	Units	Lower Limit	Upper Limit
Silver	Ag	ppm	0.01	100
Aluminum	Al	%	0.01	25
Arsenic	As	ppm	0.1	10 000
Gold	Au	ppm	0.2	25
Boron	B	ppm	10	10 000
Barium	Ba	ppm	10	10 000
Beryllium	Be	ppm	0.05	1 000
Bismuth	Bi	ppm	0.01	10 000
Calcium	Ca	%	0.01	25
Cadmium	Cd	ppm	0.01	1 000
Cerium	Ce	ppm	0.02	500
Cobalt	Co	ppm	0.1	10 000
Chromium	Cr	ppm	1	10 000



Geochemical Procedure

Element	Symbol	Units	Lower Limit	Upper Limit
Cesium	Cs	ppm	0.05	500
Copper	Cu	ppm	0.2	10 000
Iron	Fe	%	0.01	50
Gallium	Ga	ppm	0.05	10 000
Germanium	Ge	ppm	0.05	500
Hafnium	Hf	ppm	0.02	500
Mercury	Hg	ppm	0.01	10 000
Indium	In	ppm	0.005	500
Potassium	K	%	0.01	10
Lanthanum	La	ppm	0.2	10 000
Lithium	Li	ppm	0.1	10 000
Magnesium	Mg	%	0.01	25
Manganese	Mn	ppm	5	50 000
Molybdenum	Mo	ppm	0.05	10 000
Sodium	Na	%	0.01	10
Niobium	Nb	ppm	0.05	500
Nickel	Ni	ppm	0.2	10 000
Phosphorus	P	ppm	10	10 000
Lead	Pb	ppm	0.2	10 000
Rubidium	Rb	ppm	0.1	10 000
Rhenium	Re	ppm	0.001	50
Sulphur	S	%	0.01	10
Antimony	Sb	ppm	0.05	10 000
Scandium	Sc	ppm	0.1	10 000
Selenium	Se	ppm	0.2	1 000
Tin	Sn	ppm	0.2	500
Strontium	Sr	ppm	0.2	10 000



Element	Symbol	Units	Lower Limit	Upper Limit
Tantalum	Ta	ppm	0.01	500
Tellurium	Te	ppm	0.01	500
Thorium	Th	ppm	0.2	10000
Titanium	Ti	%	0.005	10
Thallium	Tl	ppm	0.02	10 000
Uranium	U	ppm	0.05	10 000
Vanadium	V	ppm	1	10 000
Tungsten	W	ppm	0.05	10 000
Yttrium	Y	ppm	0.05	500
Zinc	Zn	ppm	2	10 000
Zirconium	Zr	ppm	0.5	500

NOTE: In the majority of geological matrices, data reported from an aqua regia leach should be considered as representing only the leachable portion of the particular analyte.



Geochemical Procedure

ME- MS42
Single Element Trace Level Methods Using ICP- MS

Sample Decomposition:

Aqua Regia Digestion (GEO-AR01)

Analytical Method:

Inductively Coupled Plasma - Mass Spectrometry (ICP-MS)

This method is an effective option when analytical results for one or only a few elements are required. With this method you can create your own package of elements specific to your exploration program.

A prepared sample is digested with aqua regia for in a graphite heating block. After cooling, the resulting solution is diluted to 12.5 mL with deionized water, mixed and analyzed by inductively coupled plasma-atomic emission spectrometry. The analytical results are corrected for inter-element spectral interferences.

NOTE: In the majority of geological matrices, data reported from an aqua regia leach should be considered as representing only the leachable portion of the particular analyte.

Element	Symbol	Units	Lower Limit	Upper Limit
Silver	Ag	ppm	0.01	25
Arsenic	As	ppm	0.1	250
Bismuth	Bi	ppm	0.01	250
Mercury	Hg	ppm	0.005	25
Molybdenum	Mo	ppm	0.05	250
Antimony	Sb	ppm	0.05	250
Selenium	Se	ppm	0.2	250
Tellurium	Te	ppm	0.01	250
Thallium	Tl	ppm	0.02	250
Uranium	U	ppm	0.05	250

Au- AA23 & Au- AA24
Fire Assay Fusion, AAS Finish

Sample Decomposition:

Fire Assay Fusion (FA-FUS01 & FA-FUS02)

Analytical Method:

Atomic Absorption Spectroscopy (AAS)

A prepared sample is fused with a mixture of lead oxide, sodium carbonate, borax, silica and other reagents as required, inquarted with 6 mg of gold-free silver and then cupelled to yield a precious metal bead.

The bead is digested in 0.5 mL dilute nitric acid in the microwave oven, 0.5 mL concentrated hydrochloric acid is then added and the bead is further digested in the microwave at a lower power setting. The digested solution is cooled, diluted to a total volume of 4 mL with de-mineralized water, and analyzed by atomic absorption spectroscopy against matrix-matched standards.

Method Code	Element	Symbol	Units	Sample Weight (g)	Lower Limit	Upper Limit	Default Overlimit Method
Au-AA23	Gold	Au	ppm	30	0.005	10.0	Au-GRA21
Au-AA24	Gold	Au	ppm	50	0.005	10.0	Au-GRA22

Ag-GRA21, Ag-GRA22, Au-GRA21 and Au-GRA22
Precious Metals Gravimetric Analysis Methods

Sample Decomposition:

Fire Assay Fusion (FA-FUSAG1, FA-FUSAG2, FA-FUSGV1 and FA-FUSGV2)

Analytical Method:

Gravimetric

A prepared sample is fused with a mixture of lead oxide, sodium carbonate, borax, silica and other reagents in order to produce a lead button. The lead button containing the precious metals is cupelled to remove the lead. The remaining gold and silver bead is parted in dilute nitric acid, annealed and weighed as gold. Silver, if requested, is then determined by the difference in weights.

Method Code	Element	Symbol	Units	Sample Weight (g)	Detection Limit	Upper Limit
Ag-GRA21	Silver	Ag	ppm	30	5	10,000
Ag-GRA22	Silver	Ag	ppm	50	5	10,000
Au-GRA21	Gold	Au	ppm	30	0.05	1000
Au-GRA22	Gold	Au	ppm	50	0.05	1000



Geochemical Procedure

Au-AROR43/Au-AROR44
Determination of Gold by Aqua Regia Digestion - Over-Range Method

Analytical Method:

Inductively Coupled Plasma – Mass Spectrometry (ICP-MS)

A finely pulverised sample (25 – 50 g) is digested in a mixture of 3 parts hydrochloric acid and 1 part nitric acid (aqua regia). This acid mixture generates nascent chlorine and nitrosyl chloride, which will dissolve free gold and gold compounds such as calaverite ($AuTe_2$).

Gold is determined by ICPMS directly from the digestion liquor. This method allows for the simple and economical addition of extra elements by running the digestion liquor through the ICPMS.

This method is only an over-limit method which is used to analyze the same solution prepared from the Trace Level Au by aqua regia extraction method (25-50g).

Method	Element	Sample Mass	Units	Lower Limit	Upper Limit
Au-AROR43	Gold	25 g	ppm	0.01	100
Au-AROR44	Gold	50 g	ppm	0.01	100



Geochemical Procedure

Au-TL43, Au-TL44
Determination of Trace Level Gold by Aqua Regia Digestion – ICPMS finish

Sample Decomposition:

Aqua regia gold digestion (GEO-AuAR01/02)

Analytical Method:

Inductively coupled mass spectrometry (ICPMS)

A finely pulverised sample (25 – 50 g) is digested in a mixture of 3 parts hydrochloric acid and 1 part nitric acid (aqua regia). This acid mixture generates nascent chlorine and nitrosyl chloride, which will dissolve free gold and gold compounds such as calaverite ($AuTe_2$).

Gold is determined by ICPMS directly from the digestion liquor. This method allows for the simple and economical addition of extra elements by running the digestion liquor through the ICPMS.

Note: Samples high in sulphide or carbon content may lead to low gold recoveries unless they are roasted prior to digestion.

Method	Element	Sample Mass	Units	Lower Limit	Upper Limit
Au-TL43m	Gold	25 g	ppm	0.005	2
Au-TL44m	Gold	50 g	ppm	0.005	2



Specialty Assay Procedure

C- IR07 & S- IR08
Evaluation of Ores and High Grade Materials

Sample Decomposition:

Leco Furnace

Analytical Method:

Infrared Spectroscopy

The sample is analyzed for total sulfur and/or carbon using a Leco analyzer. While a stream of oxygen passes through a prepared sample (0.05 to 0.6g), it is heated in a furnace to approximately 1350°C. Sulfur dioxide and carbon dioxide released from the sample are measured by an infrared detection system and the total sulfur and/or carbon result is provided.

ALS Chemex Method Code	Element	Symbol	Detection Limit	Upper Limit	Units
C-IR07	Carbon	C	0.01	100	%
S-IR08	Sulfur	S	0.01	50	%
S-IR08t	Sulfur	S	0.01	100	%



Geochemical Procedure

ME-4ACD81
Trace Level Methods Using Conventional ICP-AES Analysis

Sample Decomposition:

HNO_3-$HClO_4$-HF-HCl digestion, HCl Leach (GEO-4ACID)

Analytical Method:

Inductively Coupled Plasma - Atomic Emission Spectroscopy (ICP - AES)

Base metals can be reported with the ME-MS81 by a four acid digestion. The four acid digestion is preferred when the targets include more resistive mineralization such as that associated with nickel and cobalt.

A prepared sample (0.25 g) is digested with perchloric, nitric, hydrofluoric and hydrochloric acids. The residue is topped up with dilute hydrochloric acid and the resulting solution is analyzed by inductively coupled plasma-atomic emission spectrometry. Results are corrected for spectral inter-element interferences.

NOTE: Four acid digestions are able to dissolve most minerals; however, although the term "*near-total*" is used, depending on the sample matrix, not all elements are quantitatively extracted.

Element	Symbol	Units	Lower Limit	Upper Limit	Default Overlimit Method
Silver	Ag	ppm	0.5	100	Ag-OG62
Arsenic	As	ppm	5	10000	
Cadmium	Cd	ppm	0.5	500	
Cobalt	Co	ppm	1	10000	Co-OG62
Copper	Cu	ppm	1	10000	Cu-OG62
Molybdenum	Mo	ppm	1	10000	Mo-OG62
Nickel	Ni	ppm	1	10000	Ni-OG62
Lead	Pb	ppm	2	10000	Pb-OG62
Scandium	Sc	ppm	1	10000	
Zinc	Zn	ppm	2	10000	Zn-OG62



ME-ICP06 and OA-GRA05
Analysis of major oxides by ICP-AES

ME-ICP06

Sample Decomposition:

Lithium Metaborate/Lithium Tetraborate ($LiBO_2/Li_2B_4O_7$) Fusion* (FUS-LI01)

Analytical Method:

Inductively Coupled Plasma - Atomic Emission Spectroscopy (ICP-AES)

A prepared sample (0.100 g) is added to lithium metaborate/lithium tetraborate flux, mixed well and fused in a furnace at 1000°C. The resulting melt is then cooled and dissolved in 100 mL of 4% nitric acid/2% hydrochloric acid. This solution is then analyzed by ICP-AES and the results are corrected for spectral inter-element interferences. Oxide concentration is calculated from the determined elemental concentration and the result is reported in that format.

Element	Symbol	Units	Lower Limit	Upper Limit
Aluminum	Al_2O_3	%	0.01	100
Barium	BaO	%	0.01	100
Calcium	CaO	%	0.01	100
Chromium	Cr_2O_3	%	0.01	100
Iron	Fe_2O_3	%	0.01	100
Magnesium	MgO	%	0.01	100
Manganese	MnO	%	0.01	100
Phosphorus	P_2O_5	%	0.01	100
Potassium	K_2O	%	0.01	100
Silicon	SiO_2	%	0.01	100
Sodium	Na_2O	%	0.01	100



Element	Symbol	Units	Lower Limit	Upper Limit
Strontium	SrO	%	0.01	100
Titanium	TiO_2	%	0.01	100

***Note**: For samples that are high in sulphides, we may substitute a peroxide fusion in order to obtain better results.

OA-GRA05, ME-GRA05

Sample Decomposition: Thermal decomposition Furnace or TGA (OA-GRA05 or ME-GRA05)
Analytical Method: Gravimetric

If required, the total oxide content is determined from the ICP analyte concentrations and loss on Ignition (L.O.I.) values. A prepared sample (1.0 g) is placed in an oven at 1000˚C for one hour, cooled and then weighed. The percent loss on ignition is calculated from the difference in weight.

Method Code	Parameter	Symbol	Units	Lower Limit	Upper Limit
OA-GRA05	Loss on Ignition (Furnace)	LOI	%	0.01	100
ME-GRA05	Loss on Ignition (TGA)	Moisture	%	0.01	100
		LOI	%	0.01	100

ALS Minerals

GEOCHEMICAL PROCEDURE

ME- MS61

ULTRA- TRACE LEVEL METHOD USING ICP- MS AND ICP- AES

SAMPLE DECOMPOSITION

HF-HNO_3 -$HClO_4$ acid digestion, HCl leach (GEO-4A01)

ANALYTICAL METHOD

Inductively Coupled Plasma-Atomic Emission Spectroscopy (ICP-AES)
Inductively Coupled Plasma - Mass Spectrometry (ICP-MS)

A prepared sample (0.25 g) is digested with perchloric, nitric, hydrofluoric and hydrochloric acids. The residue is topped up with dilute hydrochloric acid and analyzed by inductively coupled plasma- atomic emission spectrometry. Following this analysis, the results are reviewed for high concentrations of bismuth, mercury, molybdenum, silver and tungsten and diluted accordingly. Samples meeting this criterion are then analyzed by inductively coupled plasma-mass spectrometry. Results are corrected for spectral interelement interferences.

NOTE: Four acid digestions are able to dissolve most minerals; however, although the term "*near- total*" is used, depending on the sample matrix, not all elements are quantitatively extracted.

ELEMENT	SYMBOL	UNITS	LOWER LIMIT	UPPER LIMIT
Silver	Ag	ppm	0.01	100
Aluminum	Al	%	0.01	50
Arsenic	As	ppm	0.2	10,000
Barium	Ba	ppm	10	10,000
Beryllium	Be	ppm	0.05	1,000
Bismuth	Bi	ppm	0.01	10,000
Calcium	Ca	%	0.01	50
Cadmium	Cd	ppm	0.02	1,000
Cerium	Ce	ppm	0.01	500
Cobalt	Co	ppm	0.1	10,000
Chromium	Cr	ppm	1	10,000
Cesium	Cs	ppm	0.05	500
Copper	Cu	ppm	0.2	10,000
Iron	Fe	%	0.01	50
Gallium	Ga	ppm	0.05	10,000
Germanium	Ge	ppm	0.05	500
Hafnium	Hf	ppm	0.1	500

ALS Minerals

ME- MS61

ELEMENT	SYMBOL	UNITS	LOWER LIMIT	UPPER LIMIT
Indium	In	ppm	0.005	500
Potassium	K	%	0.01	10
Lanthanum	La	ppm	0.5	10,000
Lithium	Li	ppm	0.2	10,000
Magnesium	Mg	%	0.01	50
Manganese	Mn	ppm	5	100,000
Molybdenum	Mo	ppm	0.05	10,000
Sodium	Na	%	0.01	10
Niobium	Nb	ppm	0.1	500
Nickel	Ni	ppm	0.2	10,000
Phosphorous	P	ppm	10	10,000
Lead	Pb	ppm	0.5	10,000
Rubidium	Rb	ppm	0.1	10,000
Rhenium	Re	ppm	0.002	50
Sulphur	S	%	0.01	10
Antimony	Sb	ppm	0.05	10,000
Scandium	Sc	ppm	0.1	10,000
Selenium	Se	ppm	1	1,000
Tin	Sn	ppm	0.2	500
Strontium	Sr	ppm	0.2	10,000
Tantalum	Ta	ppm	0.05	100
Tellurium	Te	ppm	0.05	500
Thorium	Th	ppm	0.2	10,000
Titanium	Ti	%	0.005	10
Thallium	Tl	ppm	0.02	10,000
Uranium	U	ppm	0.1	10,000
Vanadium	V	ppm	1	10 000
Tungsten	W	ppm	0.1	10,000
Yttrium	Y	ppm	0.1	500
Zinc	Zn	ppm	2	10,000
Zirconium	Zr	ppm	0.5	500



Geochemical Procedure

ME-MS81
Lithogeochemistry

Sample Decomposition:

Lithium Borate ($LiBO_2/Li_2B_4O_7$) Fusion (FUS-LI01)*

Analytical Method:

Inductively Coupled Plasma - Mass Spectroscopy (ICP - MS)

A prepared sample (0.100 g) is added to lithium metaborate/lithium tetraborate flux, mixed well and fused in a furnace at 1025°C. The resulting melt is then cooled and dissolved in an acid mixture containing nitric, hydrochloric and hydrofluoric acids. This solution is then analyzed by inductively coupled plasma - mass spectrometry.

Element	Symbol	Unit	Lower Limit	Upper Limit
Barium	Ba	ppm	0.5	10000
Cerium	Ce	ppm	0.5	10000
Chromium	Cr	ppm	10	10000
Cesium	Cs	ppm	0.01	10000
Dysprosium	Dy	ppm	0.05	1000
Erbium	Er	ppm	0.03	1000
Europium	Eu	ppm	0.03	1000
Gallium	Ga	ppm	0.1	1000
Gadolinium	Gd	ppm	0.05	1000
Hafnium	Hf	ppm	0.2	10000
Holmium	Ho	ppm	0.01	1000
Lanthanum	La	ppm	0.5	10000
Lutetium	Lu	ppm	0.01	1000
Niobium	Nb	ppm	0.2	2500



Element	Symbol	Unit	Lower Limit	Upper Limit
Neodymium	Nd	ppm	0.1	10000
Praseodymium	Pr	ppm	0.03	1000
Rubidium	Rb	ppm	0.2	10000
Samarium	Sm	ppm	0.03	1000
Tin	Sn	ppm	1	10000
Strontium	Sr	ppm	0.1	10000
Tantalum	Ta	ppm	0.1	2500
Terbium	Tb	ppm	0.01	1000
Thorium	Th	ppm	0.05	1000
Thallium	Tl	ppm	0.5	1000
Thullium	Tm	ppm	0.01	1000
Uranium	U	ppm	0.05	1000
Vanadium	V	ppm	5	10000
Tungsten	W	ppm	1	10000
Yttrium	Y	ppm	0.5	10000
Ytterbium	Yb	ppm	0.03	1000
Zirconium	Zr	ppm	2	10000

*__Note__: Minerals that may not recover fully using the lithium borate fusion include zircon, some metal oxides, some rare-earth phosphates and some sulphides. Basemetals also do not fully recover using this method.

Basemetals determined by either aqua regia or 4-acid digestion and ICP-AES may be added to the ME-MS81 package. See following page.



Addition of Basemetals

Sample Decomposition: Aqua Regia (GEO-AR01) or 4-Acid (GEO-4ACID)

Analytical Method: Inductively Coupled Plasma – Atomic Emission Spectroscopy (ICP-AES)

The lithium borate fusion is not the preferred method for the determination of base metals. Many sulfides and some metal oxides are only partially decomposed by the borate fusion and some elements such as cadmium and zinc can be volatilized.

Base metal and additional elements more appropriately analysed by acid digestion can be reported with ME-MS81 by either an aqua regia (**ME-AQ81**) or four acid digestion (**ME-4ACD81**). The four acid digestion is preferred when the targets include more resistive mineralization such as that associated with nickel and cobalt. Mercury is only offered with the aqua regia digestion.

ME-4ACD81

Element	Symbol	Units	Lower Limit	Upper Limit
Silver	Ag	ppm	0.5	100
Arsenic	As	ppm	5	10000
Cadmium	Cd	ppm	0.5	1000
Cobalt	Co	ppm	1	10000
Copper	Cu	ppm	1	10000
Lithium	Li	ppm	10	10000
Molybdenum	Mo	ppm	1	10000
Nickel	Ni	ppm	1	10000
Lead	Pb	ppm	2	10000
Scandium	Sc	ppm	1	10000
Zinc	Zn	ppm	2	10000



ME-AQ81

Note: Mercury is only available via the aqua regia digestion

Element	Symbol	Units	Lower Limit	Upper Limit
Silver	Ag	ppm	0.5	100
Arsenic	As	ppm	5	10000
Cadmium	Cd	ppm	0.5	1000
Cobalt	Co	ppm	1	10000
Copper	Cu	ppm	1	10000
Mercury	Hg	ppm	1	10000
Molybdenum	Mo	ppm	1	10000
Nickel	Ni	ppm	1	10000
Lead	Pb	ppm	2	10000
Zinc	Zn	ppm	2	10000



Assay Procedure

ME-OG46
Ore Grade Elements by Aqua Regia Digestion Using Conventional ICP-AES Analysis

Sample Decomposition:

HNO_3-HCl Digestion (ASY-AR01)

Analytical Method:

Inductively Coupled Plasma - Atomic Emission Spectroscopy (ICP - AES)*

Assays for the evaluation of ores and high-grade materials are optimized for accuracy and precision at high concentrations. Ultra high concentration samples (> 15 -20%) may require the use of methods such as titrimetric and gravimetric analysis, in order to achieve maximum accuracy.

A prepared sample (0.4 g) is digested with concentrated nitric acid for 90 minutes in a graphite heating block. The resulting solution is diluted with concentrated hydrochloric acid before cooling to room temperature. The samples are diluted in a volumetric flask (100 or 250) mL with demineralized water and analysed using atomic absorption spectrometry.

*__NOTE__: ICP-AES is the default finish technique for ME-OG46. However, under some conditions and at the discretion of the laboratory an AA finish may be substituted.

Element	Symbol	Units	Lower Limit	Upper Limit
Silver	Ag	ppm	1	1500
Arsenic	As	%	0.01	30
Cadmium	Cd	%	0.001	10
Cobalt	Co	%	0.001	20
Copper	Cu	%	0.001	40
Iron	Fe	%	0.01	100
Manganese	Mn	%	0.01	50
Molybdenum	Mo	%	0.001	10
Nickel	Ni	%	0.001	10
Lead	Pb	%	0.001	20
Zinc	Zn	%	0.001	30

ALS Chemex

Assay Procedure – OA-GRA05, OA-GRA05a, OA-GRA05b
Loss on Ignition (LOI)

Sample Decomposition: Furnace
Analytical Method: Gravimetric

OA-GRA05:

A prepared sample (1.0g) is placed in an oven at 1000°C for one hour, cooled and then weighed. The percent loss on ignition is calculated from the difference in weight.

OA-GRA05a:

A prepared sample (0.5g) is placed in an oven at 550°C for two hours, cooled and then weighed. The percent loss on ignition is calculated from the difference in weight.

OA-GRA05b:

A prepared sample (0.5g) is placed in an oven at 105°C for one hour, cooled and then weighed. The percent loss on ignition is calculated from the difference in weight.

Method Code	Analyte	Symbol	Units	Lower Limit	Upper Limit
OA-GRA05	Loss on Ignition	LOI	%	0.01	100
OA-GRA05a	Loss on Ignition	LOI	%	0.01	100
OA-GRA05b	Loss on Ignition	LOI	%	0.01	100

3.3 Software

The following is a list of software used in the field and writing of this report:

- Arc GIS 9.3
- Microsoft Access
- Pendragon Forms
- Apache Open Office
- Geosoft Target
- IoGas
- GeoOrient
- Adobe Acrobat 9

Appendix IV – Sample Descriptions and Locations

4.1 Rock Samples
4.2 Silt Samples
4.3 Soil Samples

Appendix 4.1 - Rock Sample Locations and Descriptions

Sample Number	Project	Sampler	Date	Time	Type	Purpose	Location Method	Elevation (m)	Easting	Northing	UTM Zone	GPS Accuracy (m)	Channel Length (m)	Channel Azimuth	Major Rock Type	Minor Rock Type	Colour Weathered	Colour Fresh	Grain Size	Description
AHFGR001	FG	AH	13-Aug-13	14:58	grab	assay	GPS		386568	6910444	08N	8			gouge					rusty gauge material
AHFGR002	FG	AH	14-Aug-13	17:39	chip	assay	GPS	739	380218	6913963	08N	7	1	300	quartz monzonite			N 3/28	medium	oxidized rubble crop
AHFGR003	FG	AH	14-Aug-13	17:39	chip	assay	GPS	739	380218	6913963	08N	7	1	300	quartz monzonite			N 3/28	medium	oxidized rubblecrop
AHFGR004	FG	AH	14-Aug-13	17:39	chip	assay	GPS	739	380218	6913963	08N	7	1	300	quartz monzonite			N 3/28	medium	grey fault gauge
AHFGR005	FG	AH	14-Aug-13	17:39	grab	assay	GPS	739	380218	6913963	08N	7			quartz monzonite			N 3/28	medium	lesser altered intrusive with diss py
AHFGR006	FG	AH	14-Aug-13	17:39	grab	assay	GPS	739	380218	6913963	08N	7			quartz monzonite			N 3/28	medium	highly altered intrusive 1 m from fault, outcrop
AHFGR007	FG	AH	19-Aug-13	19:54	chip	assay	GPS		387711	6910714	08N	3	1	0	quartz arenite			7.5BG 5/4	medium-fine	10-15 cm higher grade zone between 7 and 8
AHFGR008	FG	AH	19-Aug-13	19:54	chip	assay	GPS		387711	6910714	08N	3	1	0	quartz arenite			7.5BG 5/4	medium-fine	
AHFGR009	FG	AH	19-Aug-13	19:54	chip	assay	GPS		387711	6910714	08N	3	1	0	quartz arenite			7.5BG 5/4	medium-fine	
AHFGR010	FG	AH	19-Aug-13	19:54	chip	assay	GPS		387711	6910714	08N	3	1	0	quartz arenite			7.5BG 5/4	medium-fine	0.6 m porphyry dyke
AHFGR011	FG	AH	19-Aug-13	19:54	chip	assay	GPS		387711	6910714	08N	3	1	0	quartz arenite			7.5BG 5/4	medium-fine	
AHFGR012	FG	AH	19-Aug-13	19:54	chip	assay	GPS		387711	6910714	08N	3	1	0	quartz arenite			7.5BG 5/4	medium-fine	
AHFGR013	FG	AH	19-Aug-13	19:54	chip	assay	GPS		387711	6910714	08N	3	1	0	quartz arenite			7.5BG 5/4	medium-fine	20 cm dyke within
AHFGR014	FG	AH	19-Aug-13	19:54	chip	assay	GPS		387711	6910714	08N	3	1	0	quartz arenite			7.5BG 5/4	medium-fine	
AHFGR015	FG	AH	19-Aug-13	19:54	chip	assay	GPS		387711	6910714	08N	3	1	0	quartz arenite			7.5BG 5/4	medium-fine	dyke starts with last 20 cm
AHFGR016	FG	AH	19-Aug-13	19:54	chip	assay	GPS		387711	6910714	08N	3	1	0	porphyry			7.5Y 9/2	medium	
AHFGR017	FG	AH	19-Aug-13	19:54	chip	assay	GPS		387711	6910714	08N	3	1	0	porphyry			7.5Y 9/2	medium	
AHFGR018	FG	AH	19-Aug-13	19:54	chip	assay	GPS		387711	6910714	08N	3	1	0	quartz arenite			7.5BG 5/4	medium-fine	higher grade min in sandwich between dykes
AHFGR019	FG	AH	19-Aug-13	19:54	chip	assay	GPS		387711	6910714	08N	3	1	0	quartz arenite			7.5BG 5/4	medium-fine	0.5 dyke material
AHFGR020	FG	AH	19-Aug-13	19:54	chip	assay	GPS		387711	6910714	08N	3	1	0	porphyry			7.5Y 9/2	medium	
AHFGR021	FG	AH	19-Aug-13	19:54	chip	assay	GPS		387711	6910714	08N	3	1	0	porphyry			7.5Y 9/2	medium	
AHFGR022	FG	AH	19-Aug-13	19:54	chip	assay	GPS		387711	6910714	08N	3	1	0	porphyry			7.5Y 9/2	medium	
AHFGR023	FG	AH	19-Aug-13	19:54	chip	assay	GPS		387711	6910714	08N	3	1	0	porphyry			7.5Y 9/2	medium	contains brecciated porphyry with aspy
AHFGR024	FG	AH	19-Aug-13	19:54	chip	assay	GPS		387711	6910714	08N	3	1	0	porphyry			7.5Y 9/2	medium	
AHFGR025	FG	AH	19-Aug-13	19:54	chip	assay	GPS		387711	6910714	08N	3	1	0	porphyry			7.5Y 9/2	medium	
AHFGR026	FG	AH	19-Aug-13	19:54	chip	assay	GPS		387711	6910714	08N	3	1	0	porphyry			7.5Y 9/2	medium	
AHFGR027	FG	AH	19-Aug-13	19:54	chip	assay	GPS		387711	6910714	08N	3	1	0	quartz arenite			7.5BG 5/4	medium-fine	higher grade aspy at contact
AHFGR028	FG	AH	19-Aug-13	19:54	chip	assay	GPS		387711	6910714	08N	3	1	0	quartz arenite			7.5BG 5/4	medium-fine	
AHFGR029	FG	AH	19-Aug-13	19:54	chip	assay	GPS		387711	6910714	08N	3	1	0	quartz arenite			7.5BG 5/4	medium-fine	
AHFGR030	FG	AH	19-Aug-13	19:54	chip	assay	GPS		387711	6910714	08N	3	1	0	quartz arenite			7.5BG 5/4	medium-fine	
AHFGR031	FG	AH	19-Aug-13	19:54	chip	assay	GPS		387711	6910714	08N	3	1	0	quartz arenite			7.5BG 5/4	medium-fine	
AHFGR032	FG	AH	19-Aug-13	19:54	chip	assay	GPS		387711	6910714	08N	3	1	0	paragneiss			7.5BG 3/4		
AHFGR033	FG	AH	19-Aug-13	10:12	chip	assay	GPS	1453	389947	6907881	08N	3	1	355	quartz syenite				coarse	
AHFGR034	FG	AH	19-Aug-13	10:12	chip	assay	GPS	1453	389947	6907881	08N	3	1	355	quartz syenite				coarse	
AHFGR035	FG	AH	19-Aug-13	10:12	chip	assay	GPS	1453	389947	6907881	08N	3	1	355	quartz syenite				coarse	broken altered
AHFGR036	FG	AH	19-Aug-13	10:12	chip	assay	GPS	1453	389947	6907881	08N	3	1	355	quartz syenite				coarse	broken and altered
AHFGR037	FG	AH	19-Aug-13	10:12	chip	assay	GPS	1453	389947	6907881	08N	3	1	355	quartz arenite			7.5BG 8/2	medium	
AHFGR038	FG	AH	19-Aug-13	10:12	chip	assay	GPS	1453	389947	6907881	08N	3	1	355	quartz syenite				coarse	
AHFGR039	FG	AH	19-Aug-13	10:12	chip	assay	GPS	1453	389947	6907881	08N	3	1	355	wackestone			7.5Y 9/2	fine	half pf sampke is syenite and contains minor porphyry material
AHFGR040	FG	AH	19-Aug-13	10:12	chip	assay	GPS	1453	389947	6907881	08N	3	1	355	porphyry			7.5Y 9/2	medium-fine	contains half wackestone
AHFGR041	FG	AH	19-Aug-13	10:12	chip	assay	GPS	1453	389947	6907881	08N	3	1	355	porphyry			7.5Y 9/2	medium-fine	
AHFGR042	FG	AH	19-Aug-13	10:12	chip	assay	GPS	1453	389947	6907881	08N	3	1	355	quartz arenite			7.5BG 8/2	medium	contains half porphyry
AHFGR043	FG	AH	19-Aug-13	10:12	chip	assay	GPS	1453	389947	6907881	08N	3	1	355	quartz arenite			7.5BG 8/2	medium	
AHFGR044	FG	AH	19-Aug-13	10:12	chip	assay	GPS	1453	389947	6907881	08N	3	1	355	quartz arenite			7.5BG 8/2	medium	contains wackestone material
AHFGR045	FG	AH	19-Aug-13	10:12	chip	assay	GPS	1453	389947	6907881	08N	3	1	355	quartz arenite			7.5BG 8/2	medium	
AHFGR046	FG	AH	19-Aug-13	10:12	chip	assay	GPS	1453	389947	6907881	08N	3	1	355	quartz arenite			7.5BG 8/2	medium	
AHFGR047	FG	AH	19-Aug-13	10:12	chip	assay	GPS	1453	389947	6907881	08N	3	1	355	porphyry			7.5Y 9/2	medium-fine	mix with arenite material
AHFGR048	FG	AH	19-Aug-13	10:12	grab	assay	GPS	1453	389947	6907881	08N	3			quartz arenite			7.5BG 8/2	medium	altered qtz arenite, possible aspy
AHFGR049	FG	AH	20-Aug-13	9:19	chip	assay	GPS	4	387762	6910454	08N	3	1	350	quartz syenite					
AHFGR050	FG	AH	20-Aug-13	9:19	chip	assay	GPS	4	387762	6910454	08N	3	1	350	tonalite			7.5Y 8/2	medium	
AHFGR051	FG	AH	20-Aug-13	9:19	chip	assay	GPS	4	387762	6910454	08N	3	1	350	tonalite			7.5Y 8/2	medium	
AHFGR052	FG	AH	20-Aug-13	9:19	chip	assay	GPS	4	387762	6910454	08N	3	1	350	quartz syenite					
AHFGR053	FG	AH	22-Aug-13	19:31	grab	assay	GPS		393486	6904453	08N	3			schist					vein material
AHFGR054	FG	AH	22-Aug-13	19:37	grab	assay	GPS		393657	6904494	08N	3			breccia					
AHFGR055	FG	AH	22-Aug-13	9:50	chip	assay	GPS		393680	6904494	08N	2	1	270	vein			7.5BG 4/4		chalcedony vein material
AHFGR056	FG	AH	22-Aug-13	9:50	grab	assay	GPS		393680	6904494	08N	2			schist					sheared up schist unit with sulphides

Sample Number	Project	Sampler	Date	Time	Type	Purpose	Location Method	Elevation (m)	Easting	Northing	UTM Zone	GPS Accuracy (m)	Channel Length (m)	Channel Azimuth	Major Rock Type	Minor Rock Type	Colour Weathered	Colour Fresh	Grain Size	Description
AHFGR057	FG	AH	25-Aug-13	12:45	chip	assay	GPS	1228	393180	6904494	08N	4	1	95	schist					
AHFGR058	FG	AH	25-Aug-13	12:45	chip	assay	GPS	1228	393180	6904494	08N	4	1	95	schist					
AHFGR059	FG	AH	19-Aug-13	19:54	qaqc	assay	GPS		387711	6910714	08N	3			porphyry			7.5Y 9/2	medium	PM929
AHFGR060	FG	AH	19-Aug-13	19:54	qaqc	assay	GPS		387711	6910714	08N	3			quartz arenite			7.5BG 5/4	medium-fine	blank
AHFGR061	FG	AH	19-Aug-13	19:54	qaqc	assay	GPS		387711	6910714	08N	3			quartz arenite			7.5BG 5/4	medium-fine	blank
AHFGR062	FG	AH	19-Aug-13	10:12	qaqc	assay	GPS	1453	389947	6907881	08N	3			quartz syenite				coarse	PM1141
AHFGR063	FG	AH	19-Aug-13	10:12	qaqc	assay	GPS	1453	389947	6907881	08N	3			quartz syenite				coarse	blank
AHFGR064	FG	AH	22-Aug-13	19:37	qaqc	assay	GPS		393657	6904494	08N	3			breccia					blank
AHFGR065	FG	AH	26-Aug-13	9:49	channel	assay	GPS	824	386585	6910444	08N		0.5	210	gouge			7.5B 6/4	very fine	0-0.5m, 20bcm of granodiorite, 10 cm of gouge and 20 cm of altered porphyry
AHFGR066	FG	AH	26-Aug-13	9:49	channel	assay	GPS	824	386585	6910444	08N		1	210	porphyry			7.5B 4/4	medium	0.5 to 1.5m ; high grade min, highly brecciated and si altered
AHFGR067	FG	AH	26-Aug-13	9:49	channel	assay	GPS	824	386585	6910444	08N		1	210	porphyry			7.5B 4/4	medium	1.5-2.5 m; high grade min continues with intense si alt to 2.3 m, then selective si alt, degree 3, good min remains
AHFGR068	FG	AH	26-Aug-13	9:49	channel	assay	GPS	824	386585	6910444	08N		1	210	porphyry			7.5B 4/4	medium	lower si alt, intense veining, 10 vn/m, 3-5% sulphides
AHFGR069	FG	AH	26-Aug-13	9:49	channel	assay	GPS	824	386585	6910444	08N		1	210	porphyry			7.5B 4/4	medium	progressively less altered as go S, less veining as well. Clay altered rotten porphyry starts at 3.9, 1-3% sulphides
AHFGR070	FG	AH	26-Aug-13	9:49	channel	assay	GPS	824	386585	6910444	08N		1	210	porphyry			7.5B 4/4	medium	continues in low si, high clay alt porphyry to 5.3 m, chalcedony blue grey qtz with abundant veining rwappears
AHFGR071	FG	AH	26-Aug-13	9:49	channel	assay	GPS	824	386585	6910444	08N		1	210	porphyry			7.5B 4/4	medium	brittle fractured cherty qtz and chalcedonyvas nearing other fault, blue -gy qtz with 10% fg sulphides in matrix
AHFGR072	FG	AH	27-Aug-13	15:22	chip	assay	GPS		386550	6910470	08N	10	1	139	porphyry			7.5BG 3/4	fine	semi-massive sulphides, highly si alt
AHFGR073	FG	AH	27-Aug-13	15:22	chip	assay	GPS		386550	6910470	08N	10	1	139	porphyry			7.5BG 3/4	fine	semi massive sulphides, up to 5% stibnite and busmith, highly si alt
AHFGR074	FG	AH	27-Aug-13	15:22	chip	assay	GPS		386550	6910470	08N	10	1	139	porphyry			7.5BG 3/4	fine	1-3 % sulphides, high clay altered, fault zone half way through sample, rest gouge
AHFGR075	FG	AH	27-Aug-13	15:22	chip	assay	GPS		386550	6910470	08N	10	1	139	porphyry			7.5BG 3/4	fine	clay altered, low si, 1-3 % sulphides
AHFGR076	FG	AH	27-Aug-13	15:22	chip	assay	GPS		386550	6910470	08N	10	1	139	porphyry			7.5BG 3/4	fine	si flooded, up to 5% sulphides common qtz veining
AHFGR077	FG	AH	27-Aug-13	15:22	chip	assay	GPS		386550	6910470	08N	10	1	139	porphyry			7.5BG 3/4	fine	halfway through into qtz flooded bx with up to 10% sulphides, blue-gy qtz, aspy, stibnite, bi, py
AHFGR078	FG	AH	27-Aug-13	15:22	chip	assay	GPS		386550	6910470	08N	10	1	139	porphyry			7.5BG 3/4	fine	all blue-gy qtz bx with semi-massive sulphides as desc in R077
AHFGR079	FG	AH	27-Aug-13	16:56	chip	assay	GPS	821	386586	6910433	08N	9	1.5	45	gouge			7.5B 8/4	very fine	faukl gouge material with bi, stibnite, aspy
AHFGR080	FG	AH	27-Aug-13	16:56	chip	assay	GPS	821	386586	6910433	08N	9	1	45	porphyry			7.5BG 6/4	fine	blue - gy qtz bx with up to 5% sulphide, vnlts and diss
AHFGR081	FG	AH	26-Aug-13	9:49	qaqc	assay	GPS	824	386585	6910444	08N				granodiorite			7.5YR 6/4	medium	blank
AHFGR082	FG	AH	26-Aug-13	9:49	qaqc	assay	GPS	824	386585	6910444	08N				granodiorite			7.5YR 6/4	medium	PM929
AHFGR083	FG	AH	26-Aug-13	9:49	qaqc	assay	GPS	824	386585	6910444	08N				granodiorite			7.5YR 6/4	medium	blank
AHFGR084	FG	AH	27-Aug-13	16:56	qaqc	assay	GPS	821	386586	6910433	08N	9			gouge			7.5B 8/4	very fine	PM1141
AHFGR085	FG	AH	27-Aug-13	16:56	qaqc	assay	GPS	821	386586	6910433	08N	9			gouge			7.5B 8/4	very fine	blank
AHFGR086	FG	AH	26-Aug-13	9:49	grab	thin-section	GPS	824	386585	6910444	08N				granodiorite			7.5YR 6/4	medium	Petrographics - Polished Display Sample - Assay
AHFGR087	FG	AH	27-Aug-13	16:56	grab	thin-section	GPS	821	386586	6910433	08N	9			porphyry			7.5BG 6/4	fine	Petrographics - Polished Display Sample - Assay
CRFGR001	FG	CR	16-Aug-13	21:35	grab	assay	GPS	1066	387165	6911188	08N				vein	porphyry		7.5B 3/4	coarse	subcrop

Sample Number	Project	Sampler	Date	Time	Type	Purpose	Location Method	Elevation (m)	Easting	Northing	UTM Zone	GPS Accuracy (m)	Channel Length (m)	Channel Azimuth	Major Rock Type	Minor Rock Type	Colour Weathered	Colour Fresh	Grain Size	Description
CRFGR002	FG	CR	16-Aug-13	22:03	grab	assay	GPS	1049	387113	6911197	08N	7			vein					trench sample. Cuprite
CRFGR003	FG	CR	16-Aug-13	22:14	grab	assay	GPS		387679	6911193	08N				orthogneiss	felsic schist			medium	
CRFGR004	FG	CR	18-Aug-13	18:54	chip	assay	GPS	940	387866	6906928	08N	4	1	276	granite	porphyry	7/10	8/4	medium-coarse	
CRFGR005	FG	CR	18-Aug-13	18:54	chip	assay	GPS	940	387866	6906928	08N	4	1	276	granite	porphyry	7/10	8/4	medium-coarse	
CRFGR006	FG	CR	18-Aug-13	18:54	chip	assay	GPS	940	387866	6906928	08N	4	1	276	granite	porphyry	7/10	8/4	medium-coarse	
CRFGR007	FG	CR	18-Aug-13	18:54	chip	assay	GPS	940	387866	6906928	08N	4	1	276	granite	porphyry	7/10	8/4	medium-coarse	
CRFGR008	FG	CR	18-Aug-13	18:54	chip	assay	GPS	940	387866	6906928	08N	4	1	276	granite	porphyry	7/10	8/4	medium-coarse	
CRFGR009	FG	CR	18-Aug-13	18:54	chip	assay	GPS	940	387866	6906928	08N	4	1	276	granite	porphyry	7/10	8/4	medium-coarse	
CRFGR010	FG	CR	18-Aug-13	18:54	chip	assay	GPS	940	387866	6906928	08N	4	1	276	granite	porphyry	7/10	8/4	medium-coarse	
CRFGR011	FG	CR	18-Aug-13	18:54	chip	assay	GPS	940	387866	6906928	08N	4	1	276	granite	porphyry	7/10	8/4	medium-coarse	
CRFGR012	FG	CR	18-Aug-13	18:54	chip	assay	GPS	940	387866	6906928	08N	4	1	276	granite	porphyry	7/10	8/4	medium-coarse	
CRFGR013	FG	CR	18-Aug-13	18:54	chip	assay	GPS	940	387866	6906928	08N	4	1	276	granite	porphyry	7/10	8/4	medium-coarse	
CRFGR014	FG	CR	21-Aug-13	13:06	chip	assay	GPS	1044	387515	6911713	08N	3	1	3	granodiorite			7.5G 3/4	medium	
CRFGR015	FG	CR	21-Aug-13	13:06	chip	assay	GPS	1044	387515	6911713	08N	3	1	182	granodiorite			7.5G 3/4	medium	
CRFGR016	FG	CR	21-Aug-13	13:06	chip	assay	GPS	1044	387515	6911713	08N	3	1	182	granodiorite			7.5G 3/4	medium	
CRFGR017	FG	CR	21-Aug-13	13:06	chip	assay	GPS	1044	387515	6911713	08N	3	1	182	granodiorite			7.5G 3/4	medium	
CRFGR018	FG	CR	21-Aug-13	13:06	chip	assay	GPS	1044	387515	6911713	08N	3	1	182	granodiorite			7.5G 3/4	medium	
CRFGR019	FG	CR	21-Aug-13	13:06	chip	assay	GPS	1044	387515	6911713	08N	3	1	182	granodiorite			7.5G 3/4	medium	
CRFGR020	FG	CR	21-Aug-13	13:06	chip	assay	GPS	1044	387515	6911713	08N	3	1	182	granodiorite			7.5G 3/4	medium	
CRFGR021	FG	CR	21-Aug-13	13:06	chip	assay	GPS	1044	387515	6911713	08N	3	1	182	granodiorite			7.5G 3/4	medium	
CRFGR022	FG	CR	21-Aug-13	13:06	chip	assay	GPS	1044	387515	6911713	08N	3	1	182	granodiorite			7.5G 3/4	medium	
CRFGR023	FG	CR	21-Aug-13	13:06	chip	assay	GPS	1044	387515	6911713	08N	3	1	182	granodiorite			7.5G 3/4	medium	
CRFGR025	FG	CR	23-Aug-13	20:32	grab	assay	GPS	1309	393400	6905598	08N	3			granodiorite	orthogneiss	7.5R 3/6	7.5Y 5/4	medium-fine	
CRFGR026	FG	CR	23-Aug-13	20:52	grab	assay	GPS		393401	6905515	08N	3			granodiorite	orthogneiss	7.5Y 5/4	7.5Y 5/4	medium-fine	
CRFGR027	FG	CR	18-Aug-13	18:54	qaqc	assay	GPS	940	387866	6906928	08N	4			granite	porphyry	7/10	8/4	medium-coarse	PM929
CRFGR028	FG	CR	18-Aug-13	18:54	qaqc	assay	GPS	940	387866	6906928	08N	4			granite	porphyry	7/10	8/4	medium-coarse	blank
CRFGR029	FG	CR	21-Aug-13	13:06	qaqc	assay	GPS	1044	387515	6911713	08N	3			granodiorite			7.5G 3/4	medium	PM1141
CRFGR030	FG	CR	18-Aug-13	18:54	qaqc	assay	GPS	940	387866	6906928	08N	4			granite	porphyry	7/10	8/4	medium-coarse	blank
MMFGR001	FG	MM	13-Aug-13	14:26	grab	assay	GPS	808	386568	6910444	08N	4			metasedimentary rock	metavolcanic rock	7.5R 2/2	7.5Y 7/4	medium-fine	Sample collected from Dodge placer operation. Open bedrock cut in guder gulch.
MMFGR002	FG	MM	15-Aug-13	14:50	spoil	assay	GPS	1296	390045	6908413	08N	3			quartz monzonite		N 1/8	7.5Y 8/2	medium-coarse	High grade composite of 1935 shaft
MMFGR003	FG	MM	15-Aug-13	17:46	grab	assay	GPS	1297	390070	6908392	08N	3			vein		7.5YR 6/8	7.5PB 6/2	very fine	
MMFGR004	FG	MM	16-Aug-13	21:03	grab	assay	GPS	1300	390074	6908400	08N	5			vein		7.5YR 3/6	7.5B 8/2	fine	High grade grab from trench.
MMFGR005	FG	MM	16-Aug-13	21:03	grab	assay	GPS	1300	390074	6908400	08N	5			vein		7.5YR 3/6	7.5B 8/2	fine	High grade sample from trench.
MMFGR006	FG	MM	17-Aug-13	13:19	chip	assay	GPS	1299	390071	6908378	08N	6	1	12	granodiorite		7.5YR 6/2	7.5YR 7/6	medium-coarse	
MMFGR007	FG	MM	17-Aug-13	13:19	chip	assay	GPS	1299	390071	6908378	08N	6	1	12	granodiorite		7.5YR 6/2	7.5YR 7/6	medium-coarse	
MMFGR008	FG	MM	17-Aug-13	13:19	chip	assay	GPS	1299	390071	6908378	08N	6	1	12	granodiorite		7.5YR 6/2	7.5YR 7/6	medium-coarse	
MMFGR009	FG	MM	17-Aug-13	13:19	chip	assay	GPS	1299	390071	6908378	08N	6	1	12	granodiorite		7.5YR 6/2	7.5YR 7/6	medium-coarse	
MMFGR010	FG	MM	17-Aug-13	13:19	chip	assay	GPS	1299	390071	6908378	08N	6	1	12	granodiorite		7.5YR 6/2	7.5YR 7/6	medium-coarse	
MMFGR011	FG	MM	17-Aug-13	13:19	chip	assay	GPS	1299	390071	6908378	08N	6	1	12	granodiorite		7.5YR 6/2	7.5YR 7/6	medium-coarse	
MMFGR012	FG	MM	17-Aug-13	13:19	chip	assay	GPS	1299	390071	6908378	08N	6	1	12	granodiorite		7.5YR 6/2	7.5YR 7/6	medium-coarse	
MMFGR013	FG	MM	17-Aug-13	13:19	chip	assay	GPS	1299	390071	6908378	08N	6	1	12	granodiorite		7.5YR 6/2	7.5YR 7/6	medium-coarse	
MMFGR014	FG	MM	17-Aug-13	13:19	chip	assay	GPS	1299	390071	6908378	08N	6	1	12	granodiorite		7.5YR 6/2	7.5YR 7/6	medium-coarse	
MMFGR015	FG	MM	17-Aug-13	13:19	chip	assay	GPS	1299	390071	6908378	08N	6	1	12	granodiorite		7.5YR 6/2	7.5YR 7/6	medium-coarse	
MMFGR016	FG	MM	17-Aug-13	13:19	chip	assay	GPS	1299	390071	6908378	08N	6	1	12	granodiorite		7.5YR 6/2	7.5YR 7/6	medium-coarse	
MMFGR017	FG	MM	17-Aug-13	13:19	chip	assay	GPS	1299	390071	6908378	08N	6	1	12	granodiorite		7.5YR 6/2	7.5YR 7/6	medium-coarse	
MMFGR018	FG	MM	17-Aug-13	13:19	chip	assay	GPS	1299	390071	6908378	08N	6	1	12	granodiorite		7.5YR 6/2	7.5YR 7/6	medium-coarse	
MMFGR019	FG	MM	17-Aug-13	13:19	chip	assay	GPS	1299	390071	6908378	08N	6	1	12	granodiorite		7.5YR 6/2	7.5YR 7/6	medium-coarse	
MMFGR020	FG	MM	17-Aug-13	13:19	chip	assay	GPS	1299	390071	6908378	08N	6	1	12	granodiorite		7.5YR 6/2	7.5YR 7/6	medium-coarse	
MMFGR021	FG	MM	17-Aug-13	13:19	chip	assay	GPS	1299	390071	6908378	08N	6	1	12	granodiorite		7.5YR 6/2	7.5YR 7/6	medium-coarse	
MMFGR022	FG	MM	17-Aug-13	13:19	chip	assay	GPS	1299	390071	6908378	08N	6	1	12	granodiorite		7.5YR 6/2	7.5YR 7/6	medium-coarse	
MMFGR023	FG	MM	17-Aug-13	13:19	chip	assay	GPS	1299	390071	6908378	08N	6	1	12	granodiorite		7.5YR 6/2	7.5YR 7/6	medium-coarse	
MMFGR024	FG	MM	17-Aug-13	13:19	chip	assay	GPS	1299	390071	6908378	08N	6	1	12	granodiorite		7.5YR 6/2	7.5YR 7/6	medium-coarse	
MMFGR025	FG	MM	17-Aug-13	13:19	chip	assay	GPS	1299	390071	6908378	08N	6	1	12	granodiorite		7.5YR 6/2	7.5YR 7/6	medium-coarse	
MMFGR026	FG	MM	17-Aug-13	13:19	chip	assay	GPS	1299	390071	6908378	08N	6	1	12	granodiorite		7.5YR 6/2	7.5YR 7/6	medium-coarse	
MMFGR027	FG	MM	17-Aug-13	13:19	chip	assay	GPS	1299	390071	6908378	08N	6	1	12	granodiorite		7.5YR 6/2	7.5YR 7/6	medium-coarse	
MMFGR028	FG	MM	17-Aug-13	13:19	chip	assay	GPS	1299	390071	6908378	08N	6	1	12	granodiorite		7.5YR 6/2	7.5YR 7/6	medium-coarse	
MMFGR029	FG	MM	17-Aug-13	13:19	chip	assay	GPS	1299	390071	6908378	08N	6	1	12	granodiorite		7.5YR 6/2	7.5YR 7/6	medium-coarse	
MMFGR030	FG	MM	17-Aug-13	13:19	chip	assay	GPS	1299	390071	6908378	08N	6	1	12	granodiorite		7.5YR 6/2	7.5YR 7/6	medium-coarse	
MMFGR031	FG	MM	17-Aug-13	13:19	chip	assay	GPS	1299	390071	6908378	08N	6	1	12	granodiorite		7.5YR 6/2	7.5YR 7/6	medium-coarse	
MMFGR032	FG	MM	17-Aug-13	13:19	chip	assay	GPS	1299	390071	6908378	08N	6	1	12	granodiorite		7.5YR 6/2	7.5YR 7/6	medium-coarse	
MMFGR033	FG	MM	17-Aug-13	13:19	chip	assay	GPS	1299	390071	6908378	08N	6	1	12	granodiorite		7.5YR 6/2	7.5YR 7/6	medium-coarse	
MMFGR034	FG	MM	17-Aug-13	13:19	qaqc	assay	GPS	1299	390071	6908378	08N	6			quartz monzonite		7.5YR 6/2	7.5YR 7/6	medium-coarse	PM 1141

Sample Number	Project	Sampler	Date	Time	Type	Purpose	Location Method	Elevation (m)	Easting	Northing	UTM Zone	GPS Accuracy (m)	Channel Length (m)	Channel Azimuth	Major Rock Type	Minor Rock Type	Colour Weathered	Colour Fresh	Grain Size	Description
MMFGR035	FG	MM	17-Aug-13	13:19	qaqc	assay	GPS	1299	390071	6908378	08N	6			quartz monzonite		7.5YR 6/2	7.5YR 7/6	medium-coarse	Blank. Inserted into sample sequence.
MMFGR036	FG	MM	17-Aug-13	14:39	grab	assay	GPS	1050	387112	6911204	08N	4			vein		7.5YR 6/4	7.5B 7/2	medium-fine	Vein subcropat melissa shouing.
MMFGR037	FG	MM	17-Aug-13	17:30	grab	assay	GPS	1190	387707	6910721	08N	4			vein		7.5YR 6/14		medium-fine	High grade sample obtained during preliminary excavation of the trench.
MMFGR038	FG	MM	20-Aug-13	11:28	grab	assay	GPS	1184	387760	6910450	08N	6			syenite					
MMFGR039	FG	MM	20-Aug-13	15:34	chip	assay	GPS	1186	387719	6910535	08N	3	1	155	metagreywacke	hornfels				
MMFGR040	FG	MM	20-Aug-13	15:34	chip	assay	GPS	1186	387719	6910535	08N	3	1	155	metagreywacke	hornfels				
MMFGR041	FG	MM	20-Aug-13	15:34	chip	assay	GPS	1186	387719	6910535	08N	3	1	155	metagreywacke	hornfels				
MMFGR042	FG	MM	20-Aug-13	15:34	chip	assay	GPS	1186	387719	6910535	08N	3	1	155	metagreywacke	hornfels				
MMFGR043	FG	MM	20-Aug-13	15:34	chip	assay	GPS	1186	387719	6910535	08N	3	1	155	orthogneiss	hornblende monzonite			medium	
MMFGR044	FG	MM	20-Aug-13	15:34	chip	assay	GPS	1186	387719	6910535	08N	3	1	155	orthogneiss	hornblende monzonite			medium	
MMFGR045	FG	MM	20-Aug-13	15:34	chip	assay	GPS	1186	387719	6910535	08N	3	1	155	orthogneiss	hornblende monzonite			medium	
MMFGR046	FG	MM	20-Aug-13	15:34	chip	assay	GPS	1186	387719	6910535	08N	3	1	155	orthogneiss	hornblende monzonite			medium	
MMFGR047	FG	MM	20-Aug-13	15:34	chip	assay	GPS	1186	387719	6910535	08N	3	1	155	orthogneiss	hornblende monzonite			medium	
MMFGR048	FG	MM	20-Aug-13	15:34	chip	assay	GPS	1186	387719	6910535	08N	3	1	155	orthogneiss	hornblende monzonite			medium	
MMFGR049	FG	MM	21-Aug-13	19:39	grab	assay	GPS	1229	388711	6909697	08N	5			dacite		7.5GY 9/2	N 3/16	medium-fine	
MMFGR050	FG	MM	21-Aug-13	19:39	grab	assay	GPS	1229	388711	6909697	08N	5			syenite		7.5R 2/2	7.5G 2/4	medium-coarse	
MMFGR051	FG	MM	21-Aug-13	9:34	chip	assay	GPS	1047	387116	6911202	08N	3	1	350	metasiltstone	vein	N 3/2	N 3/8	fine	
MMFGR052	FG	MM	21-Aug-13	9:34	chip	assay	GPS	1047	387116	6911202	08N	3	1	350	metasiltstone	vein	N 3/2	N 3/8	fine	
MMFGR053	FG	MM	21-Aug-13	9:34	chip	assay	GPS	1047	387116	6911202	08N	3	1	350	metasiltstone	vein	N 3/2	N 3/8	fine	
MMFGR054	FG	MM	21-Aug-13	9:34	chip	assay	GPS	1047	387116	6911202	08N	3	1	350	metasiltstone	vein	N 3/2	N 3/8	fine	
MMFGR055	FG	MM	22-Aug-13	13:22	chip	assay	GPS	1046	387093	6911229	08N	3	1	215	metasiltstone	vein	7.5YR 7/6	7.5PB 4/2		
MMFGR056	FG	MM	22-Aug-13	13:22	chip	assay	GPS	1046	387093	6911229	08N	3	1	215	metasiltstone	vein	7.5YR 7/6	7.5PB 4/2		
MMFGR057	FG	MM	22-Aug-13	13:22	chip	assay	GPS	1046	387093	6911229	08N	3	1	215	metasiltstone	vein	7.5YR 7/6	7.5PB 4/2		
MMFGR058	FG	MM	22-Aug-13	13:22	chip	assay	GPS	1046	387093	6911229	08N	3	1	215	metasiltstone	vein	7.5YR 7/6	7.5PB 4/2		
MMFGR059	FG	MM	22-Aug-13	13:22	chip	assay	GPS	1046	387093	6911229	08N	3	1	35	metasiltstone	vein	7.5YR 7/6	7.5PB 4/2		
MMFGR060	FG	MM	22-Aug-13	16:21	grab	whole rock	GPS	1054	387131	6911185	08N	7			dacite		7.5Y 9/6	7.5BG 9/2	medium-fine	
MMFGR061	FG	MM	23-Aug-13	14:44	chip	assay	GPS	1280	393647	6904725	08N	6	1	95	schist		7.5YR 8/6	7.5G 6/4	medium-fine	
MMFGR062	FG	MM	23-Aug-13	14:44	chip	assay	GPS	1280	393647	6904725	08N	6	1	95	schist		7.5YR 8/6	7.5G 6/4	medium-fine	
MMFGR063	FG	MM	23-Aug-13	14:44	chip	assay	GPS	1280	393647	6904725	08N	6	1	95	schist		7.5YR 8/6	7.5G 6/4	medium-fine	
MMFGR064	FG	MM	23-Aug-13	14:44	chip	assay	GPS	1280	393647	6904725	08N	6	1	95	schist		7.5YR 8/6	7.5G 6/4	medium-fine	
MMFGR065	FG	MM	23-Aug-13	14:44	chip	assay	GPS	1280	393647	6904725	08N	6	1	95	schist		7.5YR 8/6	7.5G 6/4	medium-fine	
MMFGR066	FG	MM	23-Aug-13	14:44	chip	assay	GPS	1280	393647	6904725	08N	6	1	95	schist		7.5YR 8/6	7.5G 6/4	medium-fine	
MMFGR067	FG	MM	23-Aug-13	14:44	chip	assay	GPS	1280	393647	6904725	08N	6	1	95	schist		7.5YR 8/6	7.5G 6/4	medium-fine	
MMFGR068	FG	MM	23-Aug-13	14:44	chip	assay	GPS	1280	393647	6904725	08N	6	1	95	schist		7.5YR 8/6	7.5G 6/4	medium-fine	
MMFGR069	FG	MM	23-Aug-13	14:44	chip	assay	GPS	1280	393647	6904725	08N	6	1	95	schist		7.5YR 8/6	7.5G 6/4	medium-fine	
MMFGR070	FG	MM	23-Aug-13	14:44	chip	assay	GPS	1280	393647	6904725	08N	6	1	95	schist		7.5YR 8/6	7.5G 6/4	medium-fine	
MMFGR071	FG	MM	23-Aug-13	14:44	grab	assay	GPS	1280	393647	6904725	08N	6			schist		7.5YR 8/6	7.5G 6/4	medium-fine	Veined porphyry. Contains steel grey sulphides.
MMFGR072	FG	MM	24-Aug-13	11:35	grab	whole rock	GPS	1308	393448	6905632	08N	11			porphyry		7.5YR 7/10	7.5GY 8/6	medium-fine	
MMFGR073	FG	MM	24-Aug-13	11:35	chip	assay	GPS	1308	393448	6905632	08N	11	1	270	porphyry		7.5YR 7/10	7.5GY 8/6	medium-fine	
MMFGR074	FG	MM	24-Aug-13	14:55	chip	assay	GPS	1297	394237	6904363	08N	2	1	90	schist		7.5YR 6/12	7.5Y 8/2	medium-fine	
MMFGR075	FG	MM	24-Aug-13	14:55	chip	assay	GPS	1297	394237	6904363	08N	2	1	90	schist		7.5YR 6/12	7.5Y 8/2	medium-fine	
MMFGR076	FG	MM	24-Aug-13	14:55	chip	assay	GPS	1297	394237	6904363	08N	2	1	90	schist		7.5YR 6/12	7.5Y 8/2	medium-fine	
MMFGR077	FG	MM	24-Aug-13	14:55	chip	assay	GPS	1297	394237	6904363	08N	2	1	90	felsite		7.5Y 9/6	7.5GY 9/4		
MMFGR078	FG	MM	24-Aug-13	14:55	chip	assay	GPS	1297	394237	6904363	08N	2	1	90	felsite		7.5Y 9/6	7.5GY 9/4		
MMFGR079	FG	MM	24-Aug-13	14:55	chip	assay	GPS	1297	394237	6904363	08N	2	1	1	felsite		7.5Y 9/6	7.5GY 9/4		
MMFGR080	FG	MM	24-Aug-13	14:55	chip	assay	GPS	1297	394237	6904363	08N	2	1	1	felsite		7.5Y 9/6	7.5GY 9/4		
MMFGR081	FG	MM	24-Aug-13	14:55	chip	assay	GPS	1297	394237	6904363	08N	2	1	90	felsite		7.5Y 9/6	7.5GY 9/4		
MMFGR082	FG	MM	24-Aug-13	14:55	chip	assay	GPS	1297	394237	6904363	08N	2	1	90	schist		7.5YR 6/12	7.5Y 8/2	medium-fine	
MMFGR083	FG	MM	24-Aug-13	14:55	chip	assay	GPS	1297	394237	6904363	08N	2	1	90	schist		7.5YR 6/12	7.5Y 8/2	medium-fine	
MMFGR084	FG	MM	25-Aug-13	16:53	grab	assay	GPS	810	386583	6910447	08N	12			porphyry		7.5PB 5/4	7.5PB 5/4	medium-coarse	Collected from Dodge placer operation.
MMFGR085	FG	MM	25-Aug-13	17:16	grab	assay	GPS	816	386588	6910436	08N	10			gouge		7.5PB 8/4	7.5PB 8/2	very fine	
MMFGR086	FG	MM	25-Aug-13	9:26	chip	assay	GPS	1241	393437	6905934	08N	4	2	265	schist					0.0 - 2.0 m.
MMFGR087	FG	MM	25-Aug-13	9:26	chip	assay	GPS	1241	393437	6905934	08N	4	1.7	265	schist					2.0 - 3.7 m.
MMFGR088	FG	MM	25-Aug-13	9:26	chip	assay	GPS	1241	393437	6905934	08N	4	1.3	265	gouge	schist	7.5YR 6/12	7.5Y 8/2	fine	3.7-5.0 m.

Sample Number	Project	Sampler	Date	Time	Type	Purpose	Location Method	Elevation (m)	Easting	Northing	UTM Zone	GPS Accuracy (m)	Channel Length (m)	Channel Azimuth	Major Rock Type	Minor Rock Type	Colour Weathered	Colour Fresh	Grain Size	Description
MMFGR089	FG	MM	25-Aug-13	9:26	chip	assay	GPS	1241	393437	6905934	08N	4	1.5	265	gouge	schist	7.5YR 6/12	7.5Y 8/2	fine	5.0-6.5 m.
MMFGR090	FG	MM	25-Aug-13	9:26	chip	assay	GPS	1241	393437	6905934	08N	4	1.5	265	gouge	schist	7.5YR 6/12	7.5Y 8/2	fine	6.5 - 8.0 m.
MMFGR091	FG	MM	25-Aug-13	9:26	chip	assay	GPS	1241	393437	6905934	08N	4	0.8	265	vein		7.5YR 2/2	7.5B 6/2	medium-coarse	8.0 - 8.8 m.
MMFGR092	FG	MM	25-Aug-13	9:26	chip	assay	GPS	1241	393437	6905934	08N	4	0.8	265	porphyry					8.8 - 9.6 m.
MMFGR093	FG	MM	25-Aug-13	9:26	chip	assay	GPS	1241	393437	6905934	08N	4	1.6	265	porphyry	vein	7.5R 3/2	7.5B 6/2		9.6 - 11.2 m.
MMFGR094	FG	MM	25-Aug-13	9:26	chip	assay	GPS	1241	393437	6905934	08N	4	1.8	265	gouge	metasedimentary rock	7.5YR 6/12	7.5YR 6/12	medium-fine	11.2 - 13.0 m.
MMFGR095	FG	MM	25-Aug-13	9:26	chip	assay	GPS	1241	393437	6905934	08N	4	1.1	265	gouge	metasedimentary rock	7.5YR 6/12	7.5YR 6/12	medium-fine	13.0 - 14.1 m.
MMFGR096	FG	MM	25-Aug-13	9:26	chip	assay	GPS	1241	393437	6905934	08N	4	1.9	265	gouge					14.1 - 16.0 m.
MMFGR097	FG	MM	25-Aug-13	9:26	chip	assay	GPS	1241	393437	6905934	08N	4	1	265	gouge					16.0 - 17.0 m.
MMFGR098	FG	MM	25-Aug-13	9:26	chip	assay	GPS	1241	393437	6905934	08N	4	1	265	schist					17.0 - 18.0 m.
MMFGR099	FG	MM	25-Aug-13	9:26	chip	assay	GPS	1241	393437	6905934	08N	4	2	265	vein		7.5YR 2/2	7.5B 6/2	medium-coarse	18.0 - 20.0 m.
MMFGR100	FG	MM	17-Aug-13	14:39	qaqc	assay	GPS	1050	387112	6911204	08N	4			vein		7.5YR 6/4	7.5B 7/2	medium-fine	blank
MMFGR101	FG	MM	20-Aug-13	15:34	qaqc	assay	GPS	1186	387719	6910535	08N	3			metagreywacke	hornfels				PM929
MMFGR102	FG	MM	20-Aug-13	15:34	qaqc	assay	GPS	1186	387719	6910535	08N	3			metagreywacke	hornfels				blank
MMFGR103	FG	MM	21-Aug-13	9:34	qaqc	assay	GPS	1047	387116	6911202	08N	3			metasiltstone	vein	N 3/2	N 3/8	fine	PM1141
MMFGR104	FG	MM	21-Aug-13	9:34	qaqc	assay	GPS	1047	387116	6911202	08N	3			metasiltstone	vein	N 3/2	N 3/8	fine	blank
MMFGR105	FG	MM	23-Aug-13	14:44	qaqc	assay	GPS	1280	393647	6904725	08N	6			schist		7.5YR 8/6	7.5G 6/4	medium-fine	PM929
MMFGR106	FG	MM	23-Aug-13	14:44	qaqc	assay	GPS	1280	393647	6904725	08N	6			schist		7.5YR 8/6	7.5G 6/4	medium-fine	blank
MMFGR107	FG	MM	24-Aug-13	14:55	qaqc	assay	GPS	1297	394237	6904363	08N	2			felsite		7.5Y 9/6	7.5GY 9/4		PM1141
MMFGR108	FG	MM	24-Aug-13	14:55	qaqc	assay	GPS	1297	394237	6904363	08N	2			felsite		7.5Y 9/6	7.5GY 9/4		blank
MMFGR109	FG	MM	22-Aug-13	13:22	qaqc	assay	GPS	1046	387093	6911229	08N	3			metasiltstone	vein	7.5YR 7/6	7.5PB 4/2		PM929
MMFGR110	FG	MM	22-Aug-13	13:22	qaqc	assay	GPS	1046	387093	6911229	08N	3			metasiltstone	vein	7.5YR 7/6	7.5PB 4/2		blank
MMFGR111	FG	MM	25-Aug-13	9:26	chip	assay	GPS	1241	393437	6905934	08N	4			schist					20.0-21.0 m.
MMFGR112	FG	MM	25-Aug-13	9:26	chip	assay	GPS	1241	393437	6905934	08N	4	1.2	265	schist					21.4 - 22.6 m.
MMFGR113	FG	MM	25-Aug-13	9:26	chip	assay	GPS	1241	393437	6905934	08N	4	1	265	schist					22.6 - 23.6 m.
MMFGR114	FG	MM	25-Aug-13	9:26	chip	assay	GPS	1241	393437	6905934	08N	4	0.8	265	schist					23.6 - 24.4 m.
MMFGR115	FG	MM	25-Aug-13	9:26	chip	assay	GPS	1241	393437	6905934	08N	4	1	265	schist					24.4 - 25.4 m.
MMFGR116	FG	MM	25-Aug-13	9:26	chip	assay	GPS	1241	393437	6905934	08N	4	1.1	265	schist					25.4 - 26.5 m.
MMFGR117	FG	MM	25-Aug-13	9:26	chip	assay	GPS	1241	393437	6905934	08N	4	1	265	schist					26.5 - 27.5 m.
MMFGR118	FG	MM	25-Aug-13	9:26	chip	assay	GPS	1241	393437	6905934	08N	4	1	265	gouge					27.5 - 28.5 m.
MMFGR119	FG	MM	25-Aug-13	9:26	chip	assay	GPS	1241	393437	6905934	08N	4	1	265	gouge					28.5 - 29.5 m.
MMFGR120	FG	MM	13-Aug-13	14:26	chip	assay	GPS	808	386568	6910444	08N	4	1	265	metasedimentary rock	metavolcanic rock	7.5R 2/2	7.5Y 7/4	medium-fine	29.5 - 30.5 m.
MMFGR121	FG	MM	13-Aug-13	14:26	chip	assay	GPS	808	386568	6910444	08N	4	1	265	metasedimentary rock	metavolcanic rock	7.5R 2/2	7.5Y 7/4	medium-fine	30.5 - 31.5 m.
MMFGR122	FG	MM	13-Aug-13	14:26	chip	assay	GPS	808	386568	6910444	08N	4	1	265	metasedimentary rock	metavolcanic rock	7.5R 2/2	7.5Y 7/4	medium-fine	31.5 - 32.5 m.
MMFGR123	FG	MM	13-Aug-13	14:26	chip	assay	GPS	808	386568	6910444	08N	4	1	265	metasedimentary rock	metavolcanic rock	7.5R 2/2	7.5Y 7/4	medium-fine	32.5 - 33.5 m.
MMFGR124	FG	MM	13-Aug-13	14:26	chip	assay	GPS	808	386568	6910444	08N	4	1	265	metasedimentary rock	metavolcanic rock	7.5R 2/2	7.5Y 7/4	medium-fine	33.5 - 34.5 m.
MMFGR125	FG	MM	13-Aug-13	14:26	chip	assay	GPS	808	386568	6910444	08N	4	1	265	metasedimentary rock	metavolcanic rock	7.5R 2/2	7.5Y 7/4	medium-fine	34.5 - 35.5 m.
MMFGR126	FG	MM	13-Aug-13	14:26	chip	assay	GPS	808	386568	6910444	08N	4	1	265	metasedimentary rock	metavolcanic rock	7.5R 2/2	7.5Y 7/4	medium-fine	35.5 - 36.5 m.
MMFGR127	FG	MM	25-Aug-13	9:26	chip	assay	GPS	1241	393437	6905934	08N	4	1	265	schist					35.6 - 37.5 m.
MMFGR128	FG	MM	25-Aug-13	9:26	chip	assay	GPS	1241	393437	6905934	08N	4	1.5	265	schist					37.5 - 38.5 m.
MMFGR129	FG	MM	28-Aug-13	14:40	chip	assay	GPS	1248	393400	6905922	08N	3	1	240	porphyry	vein	7.5YR 5/10	7.5B 8/2	medium-fine	0.0 - 1.0 m.
MMFGR130	FG	MM	28-Aug-13	14:40	chip	assay	GPS	1248	393400	6905922	08N	3	1.5	240	porphyry	vein	7.5YR 5/10	7.5B 8/2	medium-fine	1.0 - 2.5 m.
MMFGR131	FG	MM	28-Aug-13	14:40	chip	assay	GPS	1248	393400	6905922	08N	3	1	240	porphyry	vein	7.5YR 5/10	7.5B 8/2	medium-fine	2.5 - 3.5 m.
MMFGR132	FG	MM	28-Aug-13	14:40	chip	assay	GPS	1248	393400	6905922	08N	3	1	240	schist					3.5 - 4.5 m. End of sampling.
MMFGR133	FG	MM	25-Aug-13	17:16	qaqc	assay	GPS	816	386588	6910436	08N	10			gouge		7.5PB 8/4	7.5PB 8/2	very fine	blank
MMFGR134	FG	MM	25-Aug-13	9:26	qaqc	assay	GPS	1241	393437	6905934	08N	4			schist					blank
MMFGR135	FG	MM	25-Aug-13	9:26	qaqc	assay	GPS	1241	393437	6905934	08N	4			schist					PM929
MMFGR136	FG	MM	25-Aug-13	9:26	qaqc	assay	GPS	1241	393437	6905934	08N	4			schist					blank
MMFGR137	FG	MM	25-Aug-13	9:26	qaqc	assay	GPS	1241	393437	6905934	08N	4			schist					PM1141
MMFGR138	FG	MM	25-Aug-13	9:26	qaqc	assay	GPS	1241	393437	6905934	08N	4			schist					blank
MMFGR139	FG	MM	24-Sep-13	11:21	chip	assay	GPS	828	386607.53	6910423.83	08N	8	1	250	quartz diorite		7.5YR 5/6	7.5G 7/2	fine-medium	0 - 1 m.
MMFGR140	FG	MM	24-Sep-13	11:21	chip	assay	GPS	828	386606.591	6910423.49	08N	8	1	250	quartz diorite		7.5YR 5/6	7.5G 7/2	fine-medium	1 - 2 m.
MMFGR141	FG	MM	24-Sep-13	11:21	chip	assay	GPS	828	386605.651	6910423.15	08N	8	1	250	quartz diorite		7.5YR 5/6	7.5G 7/2	fine-medium	2 - 3 m.
MMFGR142	FG	MM	24-Sep-13	11:21	chip	assay	GPS	828	386604.711	6910422.8	08N	8	1	250	quartz diorite		7.5YR 5/6	7.5G 7/2	fine-medium	3 - 4 m.
MMFGR143	FG	MM	24-Sep-13	11:21	qaqc	assay	GPS	828	386608	6910424	08N	8			quartz diorite		7.5YR 5/6	7.5G 7/2	fine-medium	blank
MMFGR144	FG	MM	24-Sep-13	11:21	chip	assay	GPS	828	386603.771	6910422.46	08N	8	1	250	quartz diorite		7.5YR 5/6	7.5G 7/2	fine-medium	4 - 5 m.
MMFGR145	FG	MM	24-Sep-13	11:21	chip	assay	GPS	828	386602.832	6910422.12	08N	8	1	250	quartz diorite		7.5YR 5/6	7.5G 7/2	fine-medium	5 - 6 m.
MMFGR146	FG	MM	24-Sep-13	11:21	chip	assay	GPS	828	386601.892	6910421.78	08N	8	1	250	quartz diorite		7.5YR 5/6	7.5G 7/2	fine-medium	6 - 7 m.
MMFGR147	FG	MM	24-Sep-13	14:18	chip	assay	GPS	818	386597.547	6910429.79	08N	14	1	245	quartz diorite		7.5YR 7/16	7.5G 7/2	fine-medium	0 - 1 m.
MMFGR148	FG	MM	24-Sep-13	14:18	chip	assay	GPS	818	386596.641	6910429.37	08N	14	1	245	quartz diorite		7.5YR 7/16	7.5G 7/2	fine-medium	1 - 2 m.
MMFGR149	FG	MM	24-Sep-13	14:18	chip	assay	GPS	818	386595.734	6910428.94	08N	14	1	245	quartz diorite		7.5YR 7/16	7.5G 7/2	fine-medium	2 - 3 m.
MMFGR150	FG	MM	24-Sep-13	14:18	qaqc	assay	GPS	818	386598	6910430	08N	14			quartz diorite		7.5YR 7/16	7.5G 7/2	fine-medium	blank
MMFGR151	FG	MM	24-Sep-13	14:18	chip	assay	GPS	818	386594.828	6910428.52	08N	14	1	245	quartz diorite		7.5YR 7/16	7.5G 7/2	fine-medium	3 - 4 m.
MMFGR152	FG	MM	24-Sep-13	14:18	chip	assay	GPS	818	386593.922	6910428.1	08N	14	1	245	quartz diorite		7.5YR 7/16	7.5G 7/2	fine-medium	4 - 5 m.
MMFGR153	FG	MM	24-Sep-13	14:18	chip	assay	GPS	818	386593.015	6910427.68	08N	14	1	245	quartz diorite		7.5YR 7/16	7.5G 7/2	fine-medium	5 - 6 m.
MMFGR154	FG	MM	24-Sep-13	14:18	chip	assay	GPS	818	386592.109	6910427.25	08N	14	1	245	quartz diorite		7.5YR 7/16	7.5G 7/2	fine-medium	6 - 7 m.

Sample Number	Project	Sampler	Date	Time	Type	Purpose	Location Method	Elevation (m)	Easting	Northing	UTM Zone	GPS Accuracy (m)	Channel Length (m)	Channel Azimuth	Major Rock Type	Minor Rock Type	Colour Weathered	Colour Fresh	Grain Size	Description
MMFGR155	FG	MM	24-Sep-13	16:32	chip	assay	GPS	817	386569.617	6910460.68	08N	11	1	230	quartz diorite		7.5YR 4/4	7.5Y 7/2	fine-medium	0 - 1 m.
MMFGR156	FG	MM	24-Sep-13	16:32	chip	assay	GPS	817	386568.851	6910460.04	08N	11	1	230	quartz diorite		7.5YR 4/4	7.5Y 7/2	fine-medium	1 - 2 m.
MMFGR157	FG	MM	24-Sep-13	16:32	qaqc	assay	GPS	817	386570	6910461	08N	11			quartz diorite		7.5YR 4/4	7.5Y 7/2	fine-medium	blank
MMFGR158	FG	MM	24-Sep-13	16:32	chip	assay	GPS	817	386568.085	6910459.39	08N	11	1	230	quartz diorite		7.5YR 4/4	7.5Y 7/2	fine-medium	2 - 3 m.
MMFGR159	FG	MM	24-Sep-13	16:32	chip	assay	GPS	817	386567.319	6910458.75	08N	11	1	230	quartz diorite		7.5YR 4/4	7.5Y 7/2	fine-medium	3 - 4 m.
MMFGR160	FG	MM	24-Sep-13	16:32	qaqc	assay	GPS	817	386570	6910461	08N	11			quartz diorite		7.5YR 4/4	7.5Y 7/2	fine-medium	PM1137
MMFGR161	FG	MM	24-Sep-13	14:18	qaqc	assay	GPS	818	386598	6910430	08N	14			quartz diorite		7.5YR 7/16	7.5G 7/2	fine-medium	PM1137
MMFGR162	FG	MM	24-Sep-13	11:21	qaqc	assay	GPS	828	386608	6910424	08N	8			quartz diorite		7.5YR 5/6	7.5G 7/2	fine-medium	PM442

Appendix 4.2 - Silt Sample Locations and Descriptions

Sample Number	Project	Sampler	Date	Type	Purpose	Location Method	Elevation (m)	Easting	Northing	UTM Zone	Accuracy	Tributary	Depth	Size	Quality	Turbidity	Description
CRFGS001	FG	CR	14-Aug-13	silt	assay	GPS	906	386755	6910964	08N	10	1	15	3	3	low	
CRFGS002	FG	CR	14-Aug-13	silt	assay	GPS	955	386951	6910921	08N	10	1	5	3	3	low	
CRFGS003	FG	CR	17-Aug-13	silt	assay	GPS	993	387061	6910886	08N	6	1	5	3	3	low	Organic
CSFGS001	FG	CS	24-Aug-13	silt	assay	GPS		393810	6905144	08N		1	15	3	3	low	
NTFGS001	FG	NT	17-Aug-13	silt	assay	GPS	933	388413	6911593	08N	4	1	15	4	4	low	

Appendix 4.3 - Soil Sample Locations and Descriptions

Sample Number	Project	Username	Date	Time	Type	Purpose	Location Method	Elevation (m)	Easting	Northing	UTM Zone	GPS Accuracy (m)	Primary Colour	Subordinate Colour	Slope	Depth (cm)	Soil Horizon	Permafrost	Quality	Notes	Notes 2
AHFGD001	FG	AH	23/08/2013	10:21	soil	assay	GPS		393679	6904494	8N	3	7.5YR 6/6		0 - 20	130	C	FALSE	5		from western golden bunny pit
AHFGD002	FG	AH	23/08/2013	10:23	soil	assay	GPS		393657	6904494	8N	3	7.5YR 6/6		0 - 20	150	C	FALSE	5		from western golden bunny pit
AHFGD003	FG	AH	23/08/2013	11:46	soil	assay	GPS		393680	6904630	8N	3	7.5YR 6/10		0 - 20	200	C	FALSE	5		
AHFGD004	FG	AH	24/08/2013	13:20	soil	assay	GPS		393180	6904494	8N	3	7.5YR 8/6		0 - 20	140	C	FALSE	4		
AHFGD005	FG	AH	24/08/2013	13:54	soil	assay	GPS		393155	6904610	8N	4	7.5YR 5/4		0 - 20	80	O	TRUE	3	rocky	permafrost
FGL001 00+00	FG	AH	14/08/2013	4:19	soil	assay	MAP	1017	387437	6911861	8N	4	7.5YR 4/8		20	35	B	FALSE	3	line start	
FGL001 00+25W	FG	AH	14/08/2013	4:28	soil	assay	MAP		387420.8	6911837.8	8N		N 1/20		0 - 20	45	B	FALSE	4		
FGL001 00+50W	FG	AH	14/08/2013	4:32	soil	assay	MAP		387404.5	6911814.5	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3		
FGL001 00+75W	FG	AH	14/08/2013	4:33	soil	assay	MAP		387388.3	6911791.3	8N				0 - 20			FALSE			
FGL001 01+00W	FG	AH	14/08/2013	4:59	soil	assay	MAP	1012	387372	6911768	8N	4			0 - 20	45	B	FALSE	4	organic	
FGL001 01+25W	FG	AH	14/08/2013	5:01	soil	assay	MAP		387353.5	6911746.8	8N				0 - 20	55	B	FALSE	3		
FGL001 01+50W	FG	AH	14/08/2013	5:02	soil	assay	MAP		387335	6911725.5	8N				0 - 20	65	B	FALSE	2	organic	
FGL001 01+75W	FG	AH	14/08/2013	5:03	soil	assay	MAP		387316.5	6911704.3	8N							FALSE			
FGL001 02+00W	FG	AH	14/08/2013	5:24	soil	assay	MAP	992	387298	6911683	8N	4			0 - 20	35	B	FALSE	4	organic	
FGL001 02+25W	FG	AH	14/08/2013	5:26	soil	assay	MAP		387283	6911664	8N				0 - 20	45		TRUE	2	permafrost	
FGL001 02+50W	FG	AH	14/08/2013	5:27	soil	assay	MAP		387268	6911645	8N				0 - 20	35	B	FALSE	3		
FGL001 02+75W	FG	AH	14/08/2013	5:38	soil	assay	MAP		387253	6911626	8N				0 - 20	35	B	FALSE	3		
FGL001 03+00W	FG	AH	14/08/2013	5:54	soil	assay	MAP	973	387238	6911607	8N		7.5YR 3/6		0 - 20	35	B	FALSE	3	organic	
FGL001 03+25W	FG	AH	14/08/2013	7:45	soil	assay	MAP		387221.5	6911585.5	8N				0 - 20	55	B	FALSE	3	organic	
FGL001 03+50W	FG	AH	14/08/2013	7:48	soil	assay	MAP		387205	6911564	8N				0 - 20	35	B	TRUE	1	permafrost	organic
FGL001 03+75W	FG	AH	14/08/2013	7:53	soil	assay	MAP		387188.5	6911542.5	8N				0 - 20	45	B	TRUE	1	permafrost	
FGL001 04+00W	FG	AH	14/08/2013	7:56	soil	assay	MAP	982	387172	6911521	8N	3			0 - 20	45	B	FALSE	4	organic	
FGL001 04+25W	FG	AH	14/08/2013	8:01	soil	assay	MAP		387157	6911501.5	8N				0 - 20	45	B	FALSE	3		
FGL001 04+50W	FG	AH	14/08/2013	8:04	soil	assay	MAP		387142	6911482	8N				0 - 20	35	B	TRUE	2	permafrost	
FGL001 04+75W	FG	AH	14/08/2013	8:07	soil	assay	MAP		387127	6911462.5	8N				0 - 20	35	B	FALSE	3	organic	
FGL001 05+00W	FG	AH	14/08/2013	8:11	soil	assay	MAP		387112	6911443	8N				0 - 20	35	B	TRUE	3	organic	permafrost
FGL001 05+25W	FG	AH	14/08/2013	9:22	soil	assay	MAP		387097.5	6911423.8	8N				0 - 20	45	B	FALSE	3		
FGL001 05+50W	FG	AH	14/08/2013	9:23	soil	assay	MAP		387083	6911404.5	8N				0 - 20	45	B	FALSE	3	organic	
FGL001 05+75W	FG	AH	14/08/2013	9:24	soil	assay	MAP		387068.5	6911385.3	8N				0 - 20	45	B	TRUE	2	permafrost	permafrost
FGL001 06+00W	FG	AH	14/08/2013	9:26	soil	assay	MAP	1006	387054	6911366	8N				0 - 20	45	B	TRUE	2	rocky	permafrost
FGL001 06+25W	FG	AH	14/08/2013	9:28	soil	assay	MAP		387038.8	6911346.8	8N				0 - 20	55	B	TRUE	2	permafrost	
FGL001 06+50W	FG	AH	14/08/2013	9:30	soil	assay	MAP		387023.5	6911327.5	8N				0 - 20	35	B	FALSE	3		
FGL001 06+75W	FG	AH	14/08/2013	9:30	soil	assay	MAP		387008.3	6911308.3	8N				0 - 20	35	B	FALSE	3		
FGL001 07+00W	FG	AH	14/08/2013	10:34	soil	assay	MAP	1017	386993	6911289	8N		7.7YR 3/6		0 - 20	60	B	FALSE	3		
FGL001 07+25W	FG	AH	14/08/2013	10:45	soil	assay	MAP		386977.5	6911267.5	8N				0 - 20	45	B	FALSE	2	rocky	organic
FGL001 07+50W	FG	AH	14/08/2013	10:56	soil	assay	MAP		386962	6911246	8N				0 - 20	45	B	FALSE	3		
FGL001 07+75W	FG	AH	14/08/2013	10:57	soil	assay	MAP		386946.5	6911224.5	8N				0 - 20	35	B	FALSE	4	rocky	
FGL001 08+00W	FG	AH	14/08/2013	10:58	soil	assay	MAP	1011	386931	6911203	8N				0 - 20	35	B	TRUE	3	permafrost	organic
FGL001 08+25W	FG	AH	14/08/2013	11:00	soil	assay	MAP		386915.4	6911184.3	8N				0 - 20	45	B	FALSE	3		
FGL001 08+50W	FG	AH	14/08/2013	11:01	soil	assay	MAP		386899.8	6911165.5	8N				0 - 20	35	B	FALSE	4		
FGL001 08+75W	FG	AH	14/08/2013	11:02	soil	assay	MAP		386884.1	6911146.8	8N				0 - 20	35	B	FALSE	4	ash	
FGL001 09+00W	FG	AH	14/08/2013	11:03	soil	assay	MAP		386868.5	6911128	8N				0 - 20	65	B	FALSE	4		
FGL001 09+25W	FG	AH	14/08/2013	11:04	soil	assay	MAP		386852.9	6911109.3	8N				0 - 20	45	B	FALSE	4		
FGL001 09+50W	FG	AH	14/08/2013	11:06	soil	assay	MAP		386837.3	6911090.5	8N				0 - 20	85	B	FALSE	4		
FGL001 09+75W	FG	AH	14/08/2013	11:07	soil	assay	MAP		386821.6	6911071.8	8N				0 - 20	45	B	FALSE	4	ash	
FGL001 10+00W	FG	AH	14/08/2013	11:08	soil	assay	MAP	950	386806	6911053	8N				0 - 20	25	B	FALSE	4		
FGL001 10+25W	FG	AH	14/08/2013	11:11	soil	assay	MAP		386790.5	6911033	8N				20 - 40	25	B	FALSE	4		
FGL001 10+50W	FG	AH	14/08/2013	11:13	soil	assay	MAP		386774.9	6911013	8N				20 - 40	25	B	FALSE	4		
FGL001 10+75W	FG	AH	14/08/2013	11:14	soil	assay	MAP		386759.3	6910993.1	8N				20 - 40	25	B	FALSE	4		
FGL001 11+00W	FG	AH	14/08/2013	11:17	soil	assay	MAP		386743.7	6910973.1	8N				20 - 40	25	B	FALSE	3	ash	
FGL001 11+25W	FG	AH	14/08/2013	11:18	soil	assay	MAP		386728.2	6910953.1	8N				0 - 20	45	B	FALSE	4	crossed creek	
FGL001 11+50W	FG	AH	14/08/2013	11:20	soil	assay	MAP		386712.6	6910933.1	8N				0 - 20	45	B	TRUE	2	permafrost	
FGL001 11+75W	FG	AH	14/08/2013	11:22	soil	assay	MAP		386697	6910913.1	8N				0 - 20	55	B	TRUE	3	permafrost	rocky
FGL001 12+00W	FG	AH	14/08/2013	11:24	soil	assay	MAP	924	386681	6910893	8N				0 - 20	75	B	TRUE	3	permafrost	organic
FGL002 00+00	FG	CR	13/08/2013	13:52	soil	assay	no sample	1034	387517	6911796	8N	3	N 2/14		0 - 20	45	B	FALSE	4	line start	
FGL002 00+25W	FG	CR	13/08/2013	14:06	soil	assay	GPS	1040	387504	6911775	8N	3			0 - 20	45	B	FALSE	4		
FGL002 00+50W	FG	CR	13/08/2013	14:09	soil	assay	MAP	1042	387488.3	6911755.9	8N	3			20 - 40	55		FALSE	4		
FGL002 00+75W	FG	CR	13/08/2013	14:14	soil	assay	MAP	1037	387472.6	6911736.7	8N	3			20	45	B	FALSE	4		
FGL002 01+00W	FG	CR	13/08/2013	14:19	soil	assay	MAP	1035	387456.9	6911717.6	8N				20 - 40	45	B	FALSE	4		
FGL002 01+25W	FG	CR	13/08/2013	14:25	soil	assay	MAP	1033	387441.2	6911698.4	8N	3			0 - 20	45	B	FALSE	4		
FGL002 01+50W	FG	CR	13/08/2013	14:27	soil	assay	MAP	1028	387425.4	6911679.3	8N	3			20 - 40	45	B	FALSE	4		
FGL002 01+75W	FG	CR	13/08/2013	14:28	soil	assay	MAP	1024	387409.7	6911660.1	8N				20 - 40	45		FALSE	4		
FGL002 02+00W	FG	CR	13/08/2013	14:32	soil	assay	no sample	1019	387394	6911641	8N	3			20 - 40	65	B	TRUE	4	permafrost	
FGL002 02+25W	FG	CR	13/08/2013	14:37	soil	assay	MAP	1016	387380	6911618.5	8N	3			0 - 20	35	B	FALSE	3		
FGL002 02+50W	FG	CR	13/08/2013	14:43	soil	assay	MAP	1012	387366	6911596	8N				20 - 40	45	B	FALSE	4		
FGL002 02+75W	FG	CR	13/08/2013	14:49	soil	assay	MAP	1006	387352	6911573.5	8N	3			20 - 40	35	B	TRUE	3	permafrost	
FGL002 03+00W	FG	CR	13/08/2013	14:57	soil	assay	MAP	1003	387338	6911551	8N	3			20 - 40	45	B	TRUE	4	permafrost	
FGL002 03+25W	FG	CR	13/08/2013	14:59	soil	assay	MAP	1001	387320	6911530.8	8N				20 - 40	45	B	FALSE	4		
FGL002 03+50W	FG	CR	13/08/2013	15:00	soil	assay	MAP	1001	387302	6911510.5	8N	3			0 - 20	45	B	TRUE	3	permafrost	
FGL002 03+75W	FG	CR	13/08/2013	15:03	soil	assay	MAP	1001	387284	6911490.3	8N	3			20 - 40	25		FALSE	3	rocky	

Sample Number	Project	Username	Date	Time	Type	Purpose	Location Method	Elevation (m)	Easting	Northing	UTM Zone	GPS Accuracy (m)	Primary Colour	Subordinate Colour	Slope	Depth (cm)	Soil Horizon	Permafrost	Quality	Notes	Notes 2
FGL002 04+00W	FG	CR	13/08/2013	15:06	soil	assay	GPS	1005	387266	6911470	8N	1			0 - 20	35	B	FALSE	3	organic	
FGL002 04+25W	FG	CR	13/08/2013	15:08	soil	assay	MAP	1006	387246.9	6911451.2	8N				20 - 40	45	B	TRUE	4	permafrost	
FGL002 04+50W	FG	CR	13/08/2013	15:12	soil	assay	MAP	1008	387227.7	6911432.4	8N	3			20 - 40	45	B	TRUE	4	permafrost	
FGL002 04+75W	FG	CR	13/08/2013	15:14	soil	assay	MAP	1016	387208.6	6911413.6	8N	4			20 - 40	45	B	TRUE	3	permafrost	
FGL002 05+00W	FG	CR	13/08/2013	15:15	soil	assay	MAP	1021	387189	6911392	8N	11			20 - 40	35	B	TRUE	4	permafrost	
FGL002 05+25W	FG	CR	13/08/2013	15:17	soil	assay	MAP	1022	387174.1	6911369.1	8N	3			20 - 40	35	B	FALSE	4		
FGL002 05+50W	FG	CR	13/08/2013	15:19	soil	assay	MAP	1026	387158.7	6911343.4	8N	5			20 - 40	35	B	FALSE	4		
FGL002 05+75W	FG	CR	13/08/2013	15:21	soil	assay	MAP	1022	387143.4	6911317.7	8N	3			20 - 40	35	B	FALSE	4		
FGL002 06+00W	FG	CR	13/08/2013	15:25	soil	assay	MAP	1035	387128	6911292	8N	1			20 - 40	35	B	FALSE	3	rocky	
FGL002 06+25W	FG	CR	13/08/2013	15:27	soil	assay	MAP	1038	387113.8	6911268.3	8N				20 - 40	35	B	FALSE	4		
FGL002 06+50W	FG	CR	13/08/2013	15:28	soil	assay	MAP	1039	387099.5	6911244.5	8N	3			20 - 40	35	B	FALSE	4		
FGL002 06+75W	FG	CR	13/08/2013	15:29	soil	assay	MAP	1047	387085.3	6911220.8	8N	4			20 - 40	35	B	FALSE	4		
FGL002 07+00W	FG	CR	13/08/2013	15:30	soil	assay	GPS	1042	387071	6911197	8N	4			20 - 40	25	B	FALSE	4		
FGL002 07+25W	FG	CR	13/08/2013	15:33	soil	assay	MAP	1040	387056.5	6911175.5	8N	4			0 - 20	25	B	FALSE	4		
FGL002 07+50W	FG	CR	13/08/2013	15:38	soil	assay	MAP	1038	387042	6911154	8N	5			0 - 20	25	B	FALSE	3	rocky	ash
FGL002 07+75W	FG	CR	13/08/2013	15:39	soil	assay	MAP	1033	387027.5	6911132.5	8N	4			20 - 40	25	B	FALSE	4	ash	
FGL002 08+00W	FG	CR	13/08/2013	15:41	soil	assay	MAP	1029	387013	6911111	8N	4			20 - 40	25	B	FALSE	4	ash	
FGL002 08+25W	FG	CR	13/08/2013	15:43	soil	assay	MAP	1022	386996.9	6911092.8	8N	4			20 - 40	25	B	FALSE	4		
FGL002 08+50W	FG	CR	13/08/2013	15:44	soil	assay	MAP	1014	386980.8	6911074.5	8N	4			20 - 40	35	B	FALSE	4	ash	
FGL002 08+75W	FG	CR	13/08/2013	15:45	soil	assay	MAP	1006	386964.6	6911056.3	8N	6			20 - 40	35	B	FALSE	4		
FGL002 09+00W	FG	CR	13/08/2013	15:47	soil	assay	MAP	997	386948.5	6911038	8N	6			20 - 40	35	B	FALSE	4	ash	
FGL002 09+25W	FG	CR	13/08/2013	15:50	soil	assay	MAP	989	386932.4	6911019.8	8N	6			20 - 40	25	B	FALSE	4		
FGL002 09+50W	FG	CR	13/08/2013	15:52	soil	assay	MAP	979	386916.3	6911001.5	8N	7			20 - 40	35	B	FALSE	4	ash	
FGL002 09+75W	FG	CR	13/08/2013	15:53	soil	assay	MAP	971	386900.1	6910983.3	8N	7			20 - 40	35	B	FALSE	4	ash	
FGL002 10+00W	FG	CR	13/08/2013	15:55	soil	assay	GPS	960	386884	6910965	8N				20 - 40	35	B	FALSE	4	rocky	
FGL002 10+25W	FG	CR	13/08/2013	15:57	soil	assay	MAP	943	386868	6910947.8	8N	8			20 - 40	25	B	FALSE	3	ash	organic
FGL002 10+50W	FG	CR	13/08/2013	15:58	soil	assay	MAP	935	386852	6910930.5	8N				0 - 20	55	B	FALSE	3	n/a	
FGL002 10+75W	FG	CR	13/08/2013	16:00	soil	assay	MAP	937	386836	6910913.3	8N	5			20 - 40		B	FALSE	3	ash	
FGL002 11+00W	FG	CR	13/08/2013	16:02	soil	assay	MAP		386820	6910896	8N				20 - 40	25	B	FALSE	3	organic	
FGL002 11+25W	FG	CR	13/08/2013	16:03	soil	assay	MAP	944	386804	6910878.8	8N	5			20 - 40	25	B	FALSE	4	ash	
FGL002 11+50W	FG	CR	13/08/2013	16:04	soil	assay	MAP	947	386788	6910861.5	8N	4			20 - 40	35	B	FALSE	3	ash	
FGL002 11+75W	FG	CR	13/08/2013	16:06	soil	assay	MAP	950	386772	6910844.3	8N	6			20 - 40	35	B	FALSE	3	ash	
FGL002 12+00W	FG	CR	13/08/2013	16:07	soil	assay	MAP	954	386756	6910827	8N	5			20 - 40	45	B	FALSE	3	line end	ash
FGL003 00+00	FG	CR	14/08/2013	17:29	soil	assay	GPS	1037	387593	6911738	8N				0 - 20	35	B	FALSE	3	organic	line start
FGL003 00+25W	FG	CR	14/08/2013	17:35	soil	assay	MAP		387577.5	6911718.6	8N				0 - 20	35	B	FALSE	3	rocky	
FGL003 00+50W	FG	CR	14/08/2013	17:40	soil	assay	MAP		387562	6911699.3	8N				0 - 20	45	B	FALSE	3	ash	rocky
FGL003 00+75W	FG	CR	14/08/2013	17:45	soil	assay	MAP		387546.5	6911679.9	8N				0 - 20	35	B	FALSE	4	organic	
FGL003 01+00W	FG	CR	14/08/2013	17:49	soil	assay	MAP		387531	6911660.5	8N				0 - 20	35	B	FALSE	4	organic	
FGL003 01+25W	FG	CR	14/08/2013	17:52	soil	assay	MAP		387515.5	6911641.1	8N				0 - 20	35	B	FALSE	4	organic	
FGL003 01+50W	FG	CR	14/08/2013	17:54	soil	assay	MAP		387500	6911621.8	8N				0 - 20	45	B	FALSE	3	ash	organic
FGL003 01+75W	FG	CR	14/08/2013	17:59	soil	assay	MAP		387484.5	6911602.4	8N				0 - 20	55	B	TRUE	2	organic	permafrost
FGL003 02+00W	FG	CR	14/08/2013	18:08	soil	assay	GPS	1044	387469	6911583	8N				0 - 20	55	B	TRUE	3	permafrost	organic
FGL003 02+25W	FG	CR	14/08/2013	18:15	soil	assay	MAP		387453.8	6911563.3	8N				0 - 20	45	B	TRUE	4	permafrost	
FGL003 02+50W	FG	CR	14/08/2013	18:16	soil	assay	MAP		387438.5	6911543.5	8N				0 - 20	55	B	TRUE	3	rocky	permafrost
FGL003 02+75W	FG	CR	14/08/2013	18:19	soil	assay	MAP		387423.3	6911523.8	8N				0 - 20	55	B	TRUE	2	permafrost	organic
FGL003 03+00W	FG	CR	14/08/2013	18:23	soil	assay	MAP		387408	6911504	8N				0 - 20	45	B	FALSE	3	rocky	organic
FGL003 03+25W	FG	CR	14/08/2013	18:25	soil	assay	MAP		387392.8	6911484.3	8N				0 - 20	45	B	TRUE	3	permafrost	rocky
FGL003 03+50W	FG	CR	14/08/2013	18:26	soil	assay	MAP		387377.5	6911464.5	8N				0 - 20	35	B	TRUE	3	rocky	permafrost
FGL003 03+75W	FG	CR	14/08/2013	8:02	soil	assay	MAP		387362.3	6911444.8	8N				0 - 20	25	B	FALSE	3	organic	crossed creek
FGL003 04+00W	FG	CR	14/08/2013	8:04	soil	assay	GPS	1036	387347	6911425	8N				0 - 20	35	B	FALSE	3	organic	rocky
FGL003 04+25W	FG	CR	14/08/2013	8:07	soil	assay	MAP		387331.5	6911405.1	8N				0 - 20	35	B	TRUE	3	organic	permafrost
FGL003 04+50W	FG	CR	14/08/2013	8:08	soil	assay	MAP		387316	6911385.3	8N				0 - 20	35	B	TRUE	2	permafrost	organic
FGL003 04+75W	FG	CR	14/08/2013	8:09	soil	assay	MAP		387300.5	6911365.4	8N				0 - 20	35	B	FALSE	4	organic	
FGL003 05+00W	FG	CR	14/08/2013	8:15	soil	assay	MAP		387285	6911345.5	8N				0 - 20	35	B	TRUE	3	organic	permafrost
FGL003 05+25W	FG	CR	14/08/2013	8:21	soil	assay	MAP		387269.5	6911325.6	8N				0 - 20	45	B	TRUE	2	permafrost	rocky
FGL003 05+50W	FG	CR	14/08/2013	8:23	soil	assay	MAP		387254	6911305.8	8N				0 - 20	45	B	FALSE	3	organic	rocky
FGL003 05+75W	FG	CR	14/08/2013	8:24	soil	assay	MAP		387238.5	6911285.9	8N				0 - 20	45		TRUE	3	organic	permafrost
FGL003 06+00W	FG	CR	14/08/2013	8:26	soil	assay	GPS	1054	387223	6911266	8N				0 - 20	45	B	FALSE	3	rocky	organic
FGL003 06+25W	FG	CR	14/08/2013	8:29	soil	assay	MAP		387207.4	6911246.4	8N				0 - 20	35	B	TRUE	3	organic	permafrost
FGL003 06+50W	FG	CR	14/08/2013	8:30	soil	assay	MAP		387191.8	6911226.8	8N				0 - 20	35	B	FALSE	3	rocky	organic
FGL003 06+75W	FG	CR	14/08/2013	8:31	soil	assay	MAP		387176.1	6911207.1	8N				0 - 20	55	B	FALSE	3	rocky	ash
FGL003 07+00W	FG	CR	14/08/2013	8:33	soil	assay	MAP		387160.5	6911187.5	8N				0 - 20	65	B	FALSE	3		
FGL003 07+25W	FG	CR	14/08/2013	8:41	soil	assay	MAP		387144.9	6911167.9	8N				0 - 20	25	B	FALSE	3	ash	rocky
FGL003 07+50W	FG	CR	14/08/2013	8:48	soil	assay	MAP		387129.3	6911148.3	8N				0 - 20	35	B	FALSE	3	ash	rocky
FGL003 07+75W	FG	CR	14/08/2013	8:49	soil	assay	MAP		387113.6	6911128.6	8N				0 - 20	35	B	TRUE	1	permafrost	ash
FGL003 08+00W	FG	CR	14/08/2013	8:50	soil	assay	GPS	1044	387098	6911109	8N				0 - 20	45	B	TRUE	1	ash	permafrost
FGL003 08+25W	FG	CR	14/08/2013	8:52	soil	assay	MAP		387082.8	6911089.5	8N				0 - 20	35	B	FALSE	3	organic	rocky
FGL003 08+50W	FG	CR	14/08/2013	8:53	soil	assay	MAP		387067.5	6911070	8N				0 - 20	45	B	FALSE	4	organic	
FGL003 08+75W	FG	CR	14/08/2013	8:54	soil	assay	MAP		387052.3	6911050.5	8N				0 - 20	45	B	FALSE	3	ash	organic
FGL003 09+00W	FG	CR	14/08/2013	8:55	soil	assay	MAP		387037	6911031	8N				0 - 20	45	B	FALSE	2	ash	
FGL003 09+25W	FG	CR	14/08/2013	9:03	soil	assay	MAP		387021.8	6911011.5	8N				0 - 20	45	B	FALSE	3	ash	rocky
FGL003 09+50W	FG	CR	14/08/2013	9:04	soil	assay	MAP		387006.5	6910992	8N				0 - 20	35	B	FALSE	3	ash	rocky

Sample Number	Project	Username	Date	Time	Type	Purpose	Location Method	Elevation (m)	Easting	Northing	UTM Zone	GPS Accuracy (m)	Primary Colour	Subordinate Colour	Slope	Depth (cm)	Soil Horizon	Permafrost	Quality	Notes	Notes 2
FGL003 09+75W	FG	CR	14/08/2013	9:05	soil	assay	MAP		386991.3	6910972.5	8N				0 - 20	35	B	FALSE	3	ash	rocky
FGL003 10+00W	FG	CR	14/08/2013	9:06	soil	assay	MAP	975	386976	6910953	8N				0 - 20	35	B	FALSE	3	organic	rocky
FGL003 10+25W	FG	CR	14/08/2013	9:09	soil	assay	MAP		386960.9	6910933.4	8N				20 - 40	35	B	FALSE	3	organic	rocky
FGL003 10+50W	FG	CR	14/08/2013	9:10	soil	assay	MAP		386945.8	6910913.8	8N				20 - 40	35	B	FALSE	2	organic	rocky
FGL003 10+75W	FG	CR	14/08/2013	9:11	soil	assay	MAP		386930.6	6910894.1	8N				20 - 40	35	B	FALSE	3	organic	rocky
FGL003 11+00W	FG	CR	14/08/2013	9:11	soil	assay	MAP		386915.5	6910874.5	8N				0 - 20	35	B	TRUE	2	permafrost	organic
FGL003 11+25W	FG	CR	14/08/2013	9:12	soil	assay	MAP		386900.4	6910854.9	8N				0 - 20	55	B	TRUE	3	permafrost	organic
FGL003 11+50W	FG	CR	14/08/2013	9:13	soil	assay	MAP		386885.3	6910835.3	8N				0 - 20	55	B	TRUE	3	permafrost	organic
FGL003 11+75W	FG	CR	14/08/2013	9:14	soil	assay	MAP		386870.1	6910815.6	8N				0 - 20	35	B	TRUE	3	permafrost	organic
FGL003 12+00W	FG	CR	14/08/2013	9:15	soil	assay	GPS	974	386855	6910796	8N				0 - 20	35	B	TRUE	3	permafrost	line end
FGL004 00+00	FG	AH	15/08/2013	1:18	soil	assay	GPS	1061	387670	6911690	8N	6						FALSE			
FGL004 00+25W	FG	AH	15/08/2013	1:22	soil	assay	MAP		387653.3	6911669.4	8N				0 - 20	65	B	FALSE	3	line start	
FGL004 00+50W	FG	AH	15/08/2013	1:35	soil	assay	MAP		387636.5	6911648.8	8N				0 - 20	65	B	FALSE	3		
FGL004 00+75W	FG	AH	15/08/2013	1:40	soil	assay	MAP		387619.8	6911628.1	8N				0 - 20	55	B	TRUE	3	permafrost	
FGL004 01+00W	FG	AH	15/08/2013	1:45	soil	assay	MAP		387603	6911607.5	8N				0 - 20	75	C	FALSE	4		
FGL004 01+25W	FG	AH	15/08/2013	1:50	soil	assay	MAP		387586.3	6911586.9	8N				0 - 20	85	B	FALSE	3	rocky	
FGL004 01+50W	FG	AH	15/08/2013	2:00	soil	assay	MAP		387569.5	6911566.3	8N				0 - 20	55	B	FALSE	3		
FGL004 01+75W	FG	AH	15/08/2013	2:10	soil	assay	MAP		387552.8	6911545.6	8N				0 - 20	55	B	FALSE	3		
FGL004 02+00W	FG	AH	15/08/2013	2:20	soil	assay	GPS	1066	387536	6911525	8N	5			0 - 20	55	B	FALSE	3		
FGL004 02+25W	FG	AH	15/08/2013	2:32	soil	assay	MAP		387517.5	6911503.5	8N				0 - 20	55	B	TRUE	1	permafrost	ash
FGL004 02+50W	FG	AH	15/08/2013	2:39	soil	assay	MAP		387499	6911482	8N				0 - 20	65	B	TRUE	2	permafrost	
FGL004 02+75W	FG	AH	15/08/2013	2:44	soil	assay	MAP		387480.5	6911460.5	8N				0 - 20	65	B	FALSE	3		
FGL004 03+00W	FG	AH	15/08/2013	2:51	soil	assay	MAP		387462	6911439	8N				0 - 20	65	B	FALSE	3		
FGL004 03+25W	FG	AH	15/08/2013	2:57	soil	assay	MAP		387443.5	6911417.5	8N				0 - 20	65	B	FALSE	3		
FGL004 03+50W	FG	AH	15/08/2013	3:03	soil	assay	MAP		387425	6911396	8N				0 - 20	35	B	FALSE	2	ash	
FGL004 03+75W	FG	AH	15/08/2013	3:08	soil	assay	MAP		387406.5	6911374.5	8N				0 - 20	65	B	TRUE	2	permafrost	
FGL004 04+00W	FG	AH	15/08/2013	3:16	soil	assay	GPS	1057	387388	6911353	8N	4			0 - 20	65	B	FALSE	4		
FGL004 04+25W	FG	AH	15/08/2013	4:07	soil	assay	MAP		387370.8	6911332.6	8N				0 - 20	55	B	FALSE	3		
FGL004 04+50W	FG	AH	15/08/2013	4:12	soil	assay	MAP		387353.5	6911312.3	8N				0 - 20	55	B	TRUE	3	organic	permafrost
FGL004 04+75W	FG	AH	15/08/2013	4:19	soil	assay	MAP		387336.3	6911291.9	8N				0 - 20	55	B	TRUE	2	permafrost	
FGL004 05+00W	FG	AH	15/08/2013	4:26	soil	assay	MAP		387319	6911271.5	8N				0 - 20	55	B	FALSE	3	rocky	
FGL004 05+25W	FG	AH	15/08/2013	4:37	soil	assay	MAP		387301.8	6911251.1	8N				0 - 20	65	B	FALSE	3		
FGL004 05+50W	FG	AH	15/08/2013	4:42	soil	assay	MAP		387284.5	6911230.8	8N				0 - 20	55	B	TRUE	3	permafrost	
FGL004 05+75W	FG	AH	15/08/2013	4:49	soil	assay	MAP		387267.3	6911210.4	8N				0 - 20	55	B	TRUE	2	ash	permafrost
FGL004 06+00W	FG	AH	15/08/2013	5:02	soil	assay	GPS	1075	387250	6911190	8N	5			0 - 20	65	B	FALSE	4	rocky	
FGL004 06+25W	FG	AH	15/08/2013	5:14	soil	assay	MAP		387234.9	6911169.5	8N				0 - 20	85	B	FALSE	3		
FGL004 06+50W	FG	AH	15/08/2013	5:20	soil	assay	MAP		387219.8	6911149	8N				0 - 20	25	B	FALSE	4		
FGL004 06+75W	FG	AH	15/08/2013	5:25	soil	assay	MAP		387204.6	6911128.5	8N				0 - 20	35	B	FALSE	4	rocky	
FGL004 07+00W	FG	AH	15/08/2013	5:33	soil	assay	MAP		387189.5	6911108	8N				0 - 20	55	B	FALSE	3		
FGL004 07+25W	FG	AH	15/08/2013	5:40	soil	assay	MAP		387174.4	6911087.5	8N				0 - 20	35	B	FALSE	4		
FGL004 07+50W	FG	AH	15/08/2013	5:47	soil	assay	MAP		387159.3	6911067	8N				0 - 20	35	B	FALSE	3	rocky	
FGL004 07+75W	FG	AH	15/08/2013	5:55	soil	assay	MAP		387144.1	6911046.5	8N				0 - 20	55	B	FALSE	4		
FGL004 08+00W	FG	AH	15/08/2013	6:04	soil	assay	MAP	1041	387129	6911026	8N	5			0 - 20	75	B	FALSE	4		
FGL004 08+25W	FG	AH	15/08/2013	6:13	soil	assay	MAP		387114.5	6911009.5	8N				0 - 20	35	B	FALSE	5		
FGL004 08+50W	FG	AH	15/08/2013	6:19	soil	assay	MAP		387100	6910993	8N				20 - 40	45	B	FALSE	4		
FGL004 08+75W	FG	AH	15/08/2013	6:41	soil	assay	MAP		387085.5	6910976.5	8N				20 - 40	85	B	FALSE	4		
FGL004 09+00W	FG	AH	15/08/2013	6:42	soil	assay	MAP	1002	387071	6910960	8N				20 - 40	65	B	FALSE	5		
FGL004 09+25W	FG	CR	17/08/2013	13:49	soil	assay	MAP	1037	387105	6910942	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3	rocky	
FGL004 09+50W	FG	CR	17/08/2013	13:54	soil	assay	MAP		387090.7	6910921.7	8N		7.5YR 4/8		20 - 40	35	B	FALSE	3	ash	5
FGL004 09+75W	FG	CR	17/08/2013	13:59	soil	assay	MAP		387076.4	6910901.3	8N		7.5YR 2/2		0 - 20	35	B	FALSE	3	ash	5
FGL004 10+00W	FG	CR	17/08/2013	14:06	soil	assay	MAP	989	387062	6910881	8N		7.5YR 2/2	7.5YR 3/6	0 - 20	35	B	TRUE	3	permafrost	
FGL004 10+25W	FG	CR	17/08/2013	14:11	soil	assay	MAP		387045.8	6910862.3	8N		7.5YR 2/2	7.5YR 4/8	0 - 20	45	B	FALSE	4	organic	
FGL004 10+50W	FG	CR	17/08/2013	14:14	soil	assay	MAP		387029.5	6910843.5	8N		7.5YR 2/2		0 - 20	45	B	TRUE	3	permafrost	
FGL004 10+75W	FG	CR	17/08/2013	14:17	soil	assay	MAP		387013.3	6910824.8	8N		7.5YR 2/2		0 - 20	35	B	FALSE	2	rocky	
FGL004 11+00W	FG	CR	17/08/2013	14:22	soil	assay	MAP	1002	386997	6910806	8N		7.5YR 2/2		0 - 20	75	B	FALSE	2	ash	10
FGL004 11+25W	FG	CR	17/08/2013	14:28	soil	assay	MAP		386981	6910786	8N		7.5YR 2/2		0 - 20	45	B	FALSE	3	organic	
FGL004 11+50W	FG	CR	17/08/2013	14:31	soil	assay	MAP		386965	6910766	8N		7.5YR 4/8		0 - 20	45	B	FALSE	2	rocky	
FGL004 11+75W	FG	CR	17/08/2013	14:36	soil	assay	MAP		386949	6910746	8N		7.5YR 4/8		0 - 20	45	B	FALSE	2	ash	10
FGL004 12+00W	FG	CR	17/08/2013	14:40	soil	assay	MAP	1000	386933	6910726	8N		7.5YR 4/8		0 - 20	45	B	FALSE	2	rocky	
FGL005 00+00	FG	NT	15/08/2013	19:38	soil	assay	GPS	1073	387749	6911614	8N	4	3/6		0 - 20	35	B	FALSE	4		
FGL005 00+25W	FG	NT	15/08/2013	19:41	soil	assay	MAP		387733	6911594.8	8N		3/6		0 - 20	35	B	FALSE	3		
FGL005 00+50W	FG	NT	15/08/2013	19:42	soil	assay	MAP		387717	6911575.5	8N		3/6		0 - 20	35	B	FALSE	3		
FGL005 00+75W	FG	NT	15/08/2013	19:43	soil	assay	MAP		387701	6911556.3	8N		4/8		0 - 20	35	B	FALSE	3		
FGL005 01+00W	FG	NT	15/08/2013	19:44	soil	assay	MAP		387685	6911537	8N		4/8		0 - 20	35	B	FALSE	3	rocky	
FGL005 01+25W	FG	NT	15/08/2013	19:45	soil	assay	MAP		387669	6911517.8	8N		7.5YR 4/8		0 - 20	35	B	TRUE	3	permafrost	
FGL005 01+50W	FG	NT	15/08/2013	19:47	soil	assay	MAP		387653	6911498.5	8N		7.5YR 4/8		0 - 20	35	B	FALSE	4		
FGL005 01+75W	FG	NT	15/08/2013	19:48	soil	assay	MAP		387637	6911479.3	8N		7.5YR 4/8		0 - 20	35	B	FALSE	4		
FGL005 02+00W	FG	NT	15/08/2013	19:49	soil	assay	GPS	1089	387621	6911460	8N	5	7.5YR 4/8		0 - 20	45	B	FALSE	3		
FGL005 02+25W	FG	NT	15/08/2013	19:51	soil	assay	MAP		387603.9	6911439.6	8N		7.5YR 4/8		0 - 20	45	A	FALSE	3		
FGL005 02+50W	FG	NT	15/08/2013	19:51	soil	assay	MAP		387586.8	6911419.3	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL005 02+75W	FG	NT	15/08/2013	19:52	soil	assay	MAP		387569.6	6911398.9	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3	ash	5
FGL005 03+00W	FG	NT	15/08/2013	19:53	soil	assay	MAP		387552.5	6911378.5	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3		

Sample Number	Project	Username	Date	Time	Type	Purpose	Location Method	Elevation (m)	Easting	Northing	UTM Zone	GPS Accuracy (m)	Primary Colour	Subordinate Colour	Slope	Depth (cm)	Soil Horizon	Permafrost	Quality	Notes	Notes 2
FGL005 03+25W	FG	NT	15/08/2013	19:55	soil	assay	MAP		387535.4	6911358.1	8N		7.5YR 3/6		0 - 20	35	B	FALSE	3		
FGL005 03+50W	FG	NT	15/08/2013	19:55	soil	assay	MAP		387518.3	6911337.8	8N		7.5YR 4/8			25	B	FALSE	3		
FGL005 03+75W	FG	NT	15/08/2013	19:58	soil	assay	MAP		387501.1	6911317.4	8N		7.5YR 3/6		0 - 20	35	B	FALSE	3		
FGL005 04+00W	FG	NT	15/08/2013	19:59	soil	assay	GPS	1086	387484	6911297	8N	5	7.5YR 3/6		0 - 20	35	B	FALSE	3		
FGL005 04+25W	FG	NT	15/08/2013	20:01	soil	assay	MAP		387470.4	6911276.4	8N		7.5YR 4/8		0 - 20	45	B	FALSE	4		
FGL005 04+50W	FG	NT	15/08/2013	20:04	soil	assay	MAP		387456.8	6911255.8	8N		7.5YR 4/8		0 - 20	55	B	TRUE	2	permafrost	
FGL005 04+75W	FG	NT	15/08/2013	20:05	soil	assay	MAP		387443.1	6911235.1	8N		7.5YR 4/8			45	B	FALSE	1	ash	10
FGL005 05+00W	FG	NT	15/08/2013	20:06	soil	assay	MAP		387429.5	6911214.5	8N		7.5YR 6/6		0 - 20	35	B	FALSE	3		
FGL005 05+25W	FG	NT	15/08/2013	20:08	soil	assay	MAP		387415.9	6911193.9	8N		7.5YR 6/6			55	B	TRUE	3	permafrost	
FGL005 05+50W	FG	NT	15/08/2013	20:09	soil	assay	MAP		387402.3	6911173.3	8N		7.5YR 6/6		0 - 20	45	B	FALSE	2		
FGL005 05+75W	FG	NT	15/08/2013	20:10	soil	assay	MAP		387388.6	6911152.6	8N		7.5YR 6/6		0 - 20	45	B	FALSE		rocky	
FGL005 06+00W	FG	NT	15/08/2013	20:12	soil	assay	MAP	1096	387375	6911132	8N	5	7.5YR 6/6		0 - 20	45	B	FALSE	3	rocky	
FGL005 06+25W	FG	NT	15/08/2013	20:14	soil	assay	MAP		387362.1	6911110	8N		7.5YR 3/6		0 - 20	45	B	FALSE	4		
FGL005 06+50W	FG	NT	15/08/2013	20:15	soil	assay	MAP		387349.3	6911088	8N		7.5YR 3/6		0 - 20	25	B	FALSE	3	rocky	
FGL005 06+75W	FG	NT	15/08/2013	20:16	soil	assay	MAP		387336.4	6911066	8N		7.5YR 3/6		0 - 20	45		FALSE	3		
FGL005 07+00W	FG	NT	15/08/2013	20:17	soil	assay	MAP		387323.5	6911044	8N		7.5YR 6/6		0 - 20	65	B	FALSE	4		
FGL005 07+25W	FG	NT	15/08/2013	20:18	soil	assay	MAP		387310.6	6911022	8N		7.5YR 6/6		0 - 20	45	B	FALSE	4	ash	
FGL005 07+50W	FG	NT	15/08/2013	20:19	soil	assay	MAP		387297.8	6911000	8N		7.5YR 6/6		0 - 20	45	B	FALSE	3		
FGL005 07+75W	FG	NT	15/08/2013	20:20	soil	assay	MAP		387284.9	6910978	8N		7.5YR 6/6		0 - 20	45	B	FALSE	3		
FGL005 08+00W	FG	NT	15/08/2013	20:21	soil	assay	MAP		387272	6910956	8N		7.5YR 3/6		0 - 20	45	B	FALSE	4		
FGL005 08+25W	FG	NT	15/08/2013	20:22	soil	assay	MAP		387255.9	6910937.1	8N		7.5YR 3/6		0 - 20	45	B	FALSE	3		
FGL005 08+50W	FG	NT	15/08/2013	20:23	soil	assay	MAP		387239.8	6910918.3	8N		7.5YR 3/6		0 - 20	65	B	FALSE	3		
FGL005 08+75W	FG	NT	15/08/2013	20:24	soil	assay	MAP		387223.6	6910899.4	8N		7.5YR 3/6		0 - 20	45	B	FALSE	3		
FGL005 09+00W	FG	NT	15/08/2013	20:24	soil	assay	MAP		387207.5	6910880.5	8N		7.5YR 3/6		0 - 20	45	B	FALSE	3		
FGL005 09+25W	FG	NT	15/08/2013	20:25	soil	assay	MAP		387191.4	6910861.6	8N		7.5YR 3/6		0 - 20	45	B	FALSE	3		
FGL005 09+50W	FG	NT	15/08/2013	20:26	soil	assay	MAP		387175.3	6910842.8	8N		7.5YR 3/6		0 - 20	45	B	FALSE	3	ash	
FGL005 09+75W	FG	NT	15/08/2013	20:26	soil	assay	MAP		387159.1	6910823.9	8N		7.5YR 3/6		0 - 20	45	B	TRUE	2	permafrost	
FGL005 10+00W	FG	NT	15/08/2013	20:27	soil	assay	MAP		387143	6910805	8N		7.5YR 3/6		0 - 20	45	B	FALSE	2		
FGL005 10+25W	FG	NT	15/08/2013	20:28	soil	assay	MAP		387127.6	6910784.9	8N		7.5YR 3/6		0 - 20	45	B	FALSE	3		
FGL005 10+50W	FG	NT	15/08/2013	20:29	soil	assay	MAP		387112.3	6910764.8	8N		7.5YR 3/6		0 - 20	45	B	FALSE	2		
FGL005 10+75W	FG	NT	15/08/2013	20:30	soil	assay	MAP		387096.9	6910744.6	8N		N 1/20		0 - 20	45	B	FALSE	2		
FGL005 11+00W	FG	NT	15/08/2013	20:31	soil	assay	MAP		387081.5	6910724.5	8N		7.5YR 3/6		0 - 20	65	B	TRUE	2	permafrost	
FGL005 11+25W	FG	NT	15/08/2013	20:32	soil	assay	MAP		387066.1	6910704.4	8N		7.5YR 3/6		0 - 20	45	B	FALSE	3		
FGL005 11+50W	FG	NT	15/08/2013	20:32	soil	assay	MAP		387050.8	6910684.3	8N		7.5YR 3/6		0 - 20	65	B	FALSE	3		
FGL005 11+75W	FG	NT	15/08/2013	20:33	soil	assay	MAP		387035.4	6910664.1	8N		7.5YR 3/6		0 - 20	45	B	FALSE	5	n/a	
FGL005 12+00W	FG	NT	15/08/2013	20:34	soil	assay	MAP		387020	6910644	8N		7.5YR 3/6		0 - 20	65	B	FALSE	4		
FGL006 00+00	FG	CR	15/08/2013	9:54	soil	assay	MAP	1079	387830	6911548	8N	5	7.5YR 3/6		0 - 20	35	B	FALSE	3	organic	
FGL006 00+25W	FG	CR	15/08/2013	10:10	soil	assay	MAP		387814.8	6911528.5	8N		7.5YR 3/6			35	B	FALSE	3	rocky	
FGL006 00+50W	FG	CR	15/08/2013	10:14	soil	assay	MAP		387799.5	6911509	8N		7.5YR 3/6			35	B	FALSE	4	rocky	
FGL006 00+75W	FG	CR	15/08/2013	10:17	soil	assay	MAP		387784.3	6911489.5	8N		7.5YR 4/8			35	B	FALSE	4	organic	
FGL006 01+00W	FG	CR	15/08/2013	10:21	soil	assay	MAP	1096	387769	6911470	8N	3	7.5YR 2/2		0 - 20	45	B	TRUE	3	permafrost	
FGL006 01+25W	FG	CR	15/08/2013	10:31	soil	assay	MAP		387753.8	6911450.5	8N		7.5YR 6/6			45	B	FALSE	2	ash	10
FGL006 01+50W	FG	CR	15/08/2013	10:34	soil	assay	MAP		387738.5	6911431	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3	rocky	
FGL006 01+75W	FG	CR	15/08/2013	10:38	soil	assay	MAP		387723.3	6911411.5	8N		7.5YR 4/8		0 - 20	55	B	FALSE	3	ash	5
FGL006 02+00W	FG	CR	15/08/2013	10:43	soil	assay	MAP	1111	387708	6911392	8N	3	7.5YR 4/8			35	B	FALSE	4	rocky	
FGL006 02+25W	FG	CR	15/08/2013	10:52	soil	assay	MAP		387692.4	6911372.3	8N		7.5YR 4/8			35	B	FALSE	3	organic	
FGL006 02+50W	FG	CR	15/08/2013	10:57	soil	assay	MAP		387676.8	6911352.5	8N		7.5YR 3/6			55	B	TRUE	2	permafrost	
FGL006 02+75W	FG	CR	15/08/2013	11:01	soil	assay	MAP		387661.1	6911332.8	8N		7.5YR 2/2			45	B	FALSE	4	organic	
FGL006 03+00W	FG	CR	15/08/2013	11:04	soil	assay	MAP		387645.5	6911313	8N		7.5YR 2/2	N 1/20	0 - 20	45	B	TRUE	2	permafrost	
FGL006 03+25W	FG	CR	15/08/2013	11:12	soil	assay	MAP		387629.9	6911293.3	8N		7.5YR 4/8			35	B	FALSE	4	rocky	
FGL006 03+50W	FG	CR	15/08/2013	11:17	soil	assay	MAP		387614.3	6911273.5	8N		7.5YR 4/8		0 - 20	45	B	TRUE	3	permafrost	
FGL006 03+75W	FG	CR	15/08/2013	11:23	soil	assay	MAP		387598.6	6911253.8	8N		7.5YR 3/6	7.5YR 2/2	0 - 20	45	B	TRUE	3	permafrost	
FGL006 04+00W	FG	CR	15/08/2013	11:29	soil	assay	MAP	1124	387583	6911234	8N	4	7.5YR 2/2		0 - 20	45	B	FALSE	3	ash	5
FGL006 04+25W	FG	CR	15/08/2013	11:35	soil	assay	MAP		387567.8	6911214.1	8N		7.5YR 4/8			35	A	FALSE	3	organic	
FGL006 04+50W	FG	CR	15/08/2013	11:38	soil	assay	MAP		387552.5	6911194.3	8N		7.5YR 2/2	7.5YR 3/6	0 - 20	45	B	FALSE	3	rocky	
FGL006 04+75W	FG	CR	15/08/2013	11:43	soil	assay	MAP		387537.3	6911174.4	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3	rocky	
FGL006 05+00W	FG	CR	15/08/2013	11:50	soil	assay	MAP		387522	6911154.5	8N		7.5YR 2/2	7.5YR 4/8	0 - 20	45	B	FALSE	2	rocky	
FGL006 05+25W	FG	CR	15/08/2013	12:02	soil	assay	MAP		387506.8	6911134.6	8N		7.5YR 3/6		0 - 20	45	B	FALSE	1	ash	5
FGL006 05+50W	FG	CR	15/08/2013	12:09	soil	assay	MAP		387491.5	6911114.8	8N		7.5YR 6/6	7.5YR 4/8	0 - 20	35	B	FALSE	3	ash	5
FGL006 05+75W	FG	CR	15/08/2013	12:14	soil	assay	MAP		387476.3	6911094.9	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3	ash	5
FGL006 06+00W	FG	CR	15/08/2013	12:20	soil	assay	MAP	1121	387461	6911075	8N	4	7.5YR 4/8		0 - 20	45	B	FALSE	3	rocky	
FGL006 06+25W	FG	CR	15/08/2013	13:14	soil	assay	MAP		387445.9	6911055.5	8N		7.5YR 2/2	7.5YR 6/6	0 - 20	35	B	FALSE	2	ash	10
FGL006 06+50W	FG	CR	15/08/2013	13:20	soil	assay	MAP		387430.8	6911036	8N		7.5YR 3/6		0 - 20	35	B	TRUE	2	permafrost	
FGL006 06+75W	FG	CR	15/08/2013	13:24	soil	assay	MAP		387415.6	6911016.5	8N		7.5YR 4/8	7.5YR 6/6	0 - 20	35	B	FALSE	3	ash	5
FGL006 07+00W	FG	CR	15/08/2013	13:28	soil	assay	MAP		387400.5	6910997	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3	rocky	
FGL006 07+25W	FG	CR	15/08/2013	13:33	soil	assay	MAP		387385.4	6910977.5	8N		7.5YR 2/2		0 - 20	35	B	FALSE	3	organic	
FGL006 07+50W	FG	CR	15/08/2013	13:38	soil	assay	MAP		387370.3	6910958	8N		7.5YR 4/8		0 - 20	45	B	TRUE	4	permafrost	
FGL006 07+75W	FG	CR	15/08/2013	13:42	soil	assay	MAP		387355.1	6910938.5	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3	rocky	
FGL006 08+00W	FG	CR	15/08/2013	13:46	soil	assay	GPS	1088	387340	6910919	8N		7.5YR 4/8		0 - 20	55	B	FALSE	3	organic	
FGL006 08+25W	FG	CR	15/08/2013	13:50	soil	assay	MAP		387324.4	6910899.1	8N		7.5YR 4/8		0 - 20	55	B	TRUE	2	permafrost	
FGL006 08+50W	FG	CR	15/08/2013	13:57	soil	assay	MAP		387308.8	6910879.3	8N		7.5YR 4/8		0 - 20	35	B	TRUE	3	permafrost	
FGL006 08+75W	FG	CR	15/08/2013	14:01	soil	assay	MAP		387293.1	6910859.4	8N		7.5YR 4/8		0 - 20	35	B	FALSE	4	rocky	

Sample Number	Project	Username	Date	Time	Type	Purpose	Location Method	Elevation (m)	Easting	Northing	UTM Zone	GPS Accuracy (m)	Primary Colour	Subordinate Colour	Slope	Depth (cm)	Soil Horizon	Permafrost	Quality	Notes	Notes 2
FGL006 09+00W	FG	CR	15/08/2013	14:06	soil	assay	MAP		387277.5	6910839.5	8N		7.5YR 2/2		0 - 20	35	B	FALSE	2	organic	
FGL006 09+25W	FG	CR	15/08/2013	14:12	soil	assay	MAP		387261.9	6910819.6	8N		7.5YR 2/2		0 - 20	35	B	FALSE	3	organic	
FGL006 09+50W	FG	CR	15/08/2013	14:17	soil	assay	MAP		387246.3	6910799.8	8N		7.5YR 2/2		0 - 20	35	B	TRUE	3	permafrost	
FGL006 09+75W	FG	CR	15/08/2013	14:21	soil	assay	MAP		387230.6	6910779.9	8N		7.5YR 2/2		0 - 20	45	B	FALSE	2	organic	
FGL006 10+00W	FG	CR	15/08/2013	14:28	soil	assay	GPS	1053	387215	6910760	8N		7.5YR 2/2	7.5YR 3/6	0 - 20	35	B	FALSE	3	rocky	
FGL006 10+25W	FG	CR	15/08/2013	14:31	soil	assay	MAP		387199.4	6910740.4	8N		7.5YR 2/2		0 - 20	45	B	FALSE	2	organic	
FGL006 10+50W	FG	CR	15/08/2013	14:37	soil	assay	MAP		387183.8	6910720.8	8N		7.5YR 2/2		0 - 20	35	B	FALSE	3	organic	
FGL006 10+75W	FG	CR	15/08/2013	14:41	soil	assay	MAP		387168.1	6910701.1	8N		7.5YR 2/2		0 - 20	35	B	FALSE	3	rocky	
FGL006 11+00W	FG	CR	15/08/2013	14:45	soil	assay	MAP		387152.5	6910681.5	8N		7.5YR 2/2		0 - 20	35	B	TRUE	3	permafrost	
FGL006 11+25W	FG	CR	15/08/2013	14:49	soil	assay	MAP		387136.9	6910661.9	8N		7.5YR 2/2		0 - 20	45	B	FALSE	3	organic	
FGL006 11+50W	FG	CR	15/08/2013	14:53	soil	assay	MAP		387121.3	6910642.3	8N		7.5YR 2/2		0 - 20	35	B	FALSE	3	rocky	
FGL006 11+75W	FG	CR	15/08/2013	14:56	soil	assay	MAP		387105.6	6910622.6	8N		7.5YR 2/2	7.5YR 4/8	0 - 20	25	B	FALSE	3	rocky	
FGL006 12+00W	FG	CR	15/08/2013	15:01	soil	assay	GPS	1050	387090	6910603	8N		7.5YR 2/2		0 - 20	35	B	FALSE	3	organic	
FGL007 00+00	FG	CR	16/08/2013	10:12	soil	assay	MAP	1082	387913	6911484	8N	4	7.5YR 4/8		0 - 20	35	B	FALSE	3	rocky	
FGL007 00+25E	FG	CR	17/08/2013	10:15	soil	assay	MAP	1063	387929	6911504	8N		7.5YR 4/8	7.5YR 6/6	0 - 20	35	B	FALSE	3		
FGL007 00+25W	FG	CR	16/08/2013	10:20	soil	assay	MAP		387897.8	6911464.8	8N		7.5YR 4/8			35	B	FALSE	3	rocky	
FGL007 00+50E	FG	CR	17/08/2013	10:19	soil	assay	MAP		387959.7	6911545.3	8N		7.5YR 4/8		0 - 20	25	B	FALSE	4	ash	2
FGL007 00+50W	FG	CR	16/08/2013	10:23	soil	assay	MAP		387882.5	6911445.5	8N		7.5YR 3/6	7.5YR 6/6	0 - 20	45	B	FALSE	3	ash	10
FGL007 00+75E	FG	CR	17/08/2013	10:27	soil	assay	MAP		387944.4	6911524.7	8N		7.5YR 3/6		0 - 20	65	B	TRUE	2	permafrost	
FGL007 00+75W	FG	CR	16/08/2013	10:27	soil	assay	MAP		387867.3	6911426.3	8N		7.5YR 2/2	7.5YR 6/6	0 - 20	45	B	FALSE	2	ash	10
FGL007 01+00E	FG	CR	17/08/2013	10:28	soil	assay	MAP	1056	387975	6911566	8N		7.5YR 6/6		0 - 20	45	B	FALSE	2	organic	
FGL007 01+00W	FG	CR	16/08/2013	10:33	soil	assay	MAP	1098	387852	6911407	8N	4	7.5YR 2/2	7.5YR 6/6	0 - 20	45	B	FALSE		ash	10
FGL007 01+25E	FG	CR	17/08/2013	10:32	soil	assay	MAP		388018.5	6911624.5	8N		7.5YR 4/8		0 - 20	55	B	FALSE	3	organic	
FGL007 01+25W	FG	CR	16/08/2013	10:41	soil	assay	MAP		387836.5	6911386.3	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3	ash	5
FGL007 01+50E	FG	CR	17/08/2013	10:36	soil	assay	MAP		388004	6911605	8N		7.5YR 4/8	7.5YR 6/6	0 - 20	55	B	TRUE	3	permafrost	
FGL007 01+50W	FG	CR	16/08/2013	10:44	soil	assay	MAP		387821	6911365.5	8N		7.5YR 4/8	7.5YR 6/6	0 - 20	45	B	TRUE	3	permafrost	
FGL007 01+75E	FG	CR	17/08/2013	10:39	soil	assay	MAP		387989.5	6911585.5	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3	ash	10
FGL007 01+75W	FG	CR	16/08/2013	10:48	soil	assay	MAP		387805.5	6911344.8	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3	rocky	
FGL007 02+00E	FG	CR	17/08/2013	10:44	soil	assay	MAP	1034	388033	6911644	8N		7.5YR 4/8		0 - 20	25	B	FALSE	3	rocky	
FGL007 02+00W	FG	CR	16/08/2013	10:51	soil	assay	MAP	1120	387790	6911324	8N	4	7.5YR 4/8		0 - 20	25	B	FALSE	3	ash	10
FGL007 02+25E	FG	CR	17/08/2013	10:47	soil	assay	MAP		388079.5	6911706.3	8N		7.5YR 2/2		0 - 20	35	B	FALSE	4	organic	
FGL007 02+25W	FG	CR	16/08/2013	10:57	soil	assay	MAP		387774	6911304.3	8N		7.5YR 4/8		0 - 20	55	B	FALSE	3	ash	2
FGL007 02+50E	FG	CR	17/08/2013	10:51	soil	assay	MAP		388064	6911685.5	8N		7.5YR 2/2		0 - 20	75	B	TRUE	2	permafrost	
FGL007 02+50W	FG	CR	16/08/2013	11:01	soil	assay	MAP		387758	6911284.5	8N		7.5YR 4/8	7.5YR 6/6	0 - 20	35	B	FALSE	3	rocky	
FGL007 02+75E	FG	CR	17/08/2013	10:55	soil	assay	MAP		388048.5	6911664.8	8N		7.5YR 2/2		0 - 20	45	B	FALSE	3	organic	
FGL007 02+75W	FG	CR	16/08/2013	11:04	soil	assay	MAP		387742	6911264.8	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3	ash	5
FGL007 03+00E	FG	CR	17/08/2013	10:58	soil	assay	MAP	1013	388095	6911727	8N		7.5YR 2/2	7.5YR 4/8	0 - 20	45	B	FALSE	3	organic	
FGL007 03+00W	FG	CR	16/08/2013	11:08	soil	assay	MAP	1131	387726	6911245	8N	4	7.5YR 3/6	7.5YR 6/6	0 - 20	65	B	FALSE	3	ash	10
FGL007 03+25W	FG	CR	16/08/2013	11:16	soil	assay	MAP		387710.5	6911225.5	8N		7.5YR 4/8		0 - 20	15	B	FALSE	3	rocky	
FGL007 03+50W	FG	CR	16/08/2013	11:20	soil	assay	MAP		387695	6911206	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3	sample stash	
FGL007 03+75W	FG	CR	16/08/2013	11:29	soil	assay	MAP		387679.5	6911186.5	8N		7.5YR 3/6	7.5YR 4/8	0 - 20	15	B	FALSE	4		
FGL007 04+00W	FG	CR	16/08/2013	11:38	soil	assay	MAP	1148	387664	6911167	8N	4	7.5YR 3/6	7.5YR 4/8	0 - 20	45	B	FALSE	3	rocky	
FGL007 04+25W	FG	CR	16/08/2013	11:42	soil	assay	MAP		387649	6911147.5	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3	rocky	
FGL007 04+50W	FG	CR	16/08/2013	11:46	soil	assay	MAP		387634	6911128	8N		7.5YR 3/6		0 - 20	45	B	FALSE	1	organic	
FGL007 04+75W	FG	CR	16/08/2013	11:50	soil	assay	MAP		387619	6911108.5	8N		7.5YR 2/2		0 - 20	45	B	FALSE	2	organic	
FGL007 05+00W	FG	CR	16/08/2013	11:55	soil	assay	MAP	1167	387604	6911089	8N	4	7.5YR 3/6	7.5YR 4/8	0 - 20	35	B	FALSE	2	organic	
FGL007 05+25W	FG	CR	16/08/2013	12:01	soil	assay	MAP		387588.5	6911069.3	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3	organic	
FGL007 05+50W	FG	CR	16/08/2013	12:05	soil	assay	MAP		387573	6911049.5	8N		7.5YR 4/8		0 - 20	15	B	FALSE	3	rocky	
FGL007 05+75W	FG	CR	16/08/2013	12:09	soil	assay	MAP		387557.5	6911029.8	8N		7.5YR 3/6	7.5YR 6/6	0 - 20	35	B	FALSE	3	ash	5
FGL007 06+00W	FG	CR	16/08/2013	12:13	soil	assay	MAP	1143	387542	6911010	8N	5	7.5YR 4/8	7.5YR 2/2	0 - 20	35	B	FALSE	3	rocky	
FGL007 06+25W	FG	CR	16/08/2013	12:17	soil	assay	MAP		387526.9	6910990.4	8N		7.5YR 2/2			35	B	FALSE	3	organic	
FGL007 06+50W	FG	CR	16/08/2013	12:24	soil	assay	MAP		387511.8	6910970.8	8N		7.5YR 2/2	7.5YR 6/6	0 - 20	45		FALSE	2	organic	
FGL007 06+75W	FG	CR	16/08/2013	12:25	soil	assay	MAP		387496.6	6910951.1	8N		7.5YR 2/2	7.5YR 6/6	0 - 20	45	B	FALSE	3	ash	5
FGL007 07+00W	FG	CR	16/08/2013	12:28	soil	assay	MAP		387481.5	6910931.5	8N		7.5YR 2/2	7.5YR 6/6	0 - 20	25	B	FALSE	2	organic	
FGL007 07+25W	FG	CR	16/08/2013	12:33	soil	assay	MAP		387466.4	6910911.9	8N		7.5YR 2/2	7.5YR 4/8	0 - 20	35	B	FALSE	2	organic	
FGL007 07+50W	FG	CR	16/08/2013	12:37	soil	assay	MAP		387451.3	6910892.3	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3	rocky	
FGL007 07+75W	FG	CR	16/08/2013	19:35	soil	assay	MAP		387436.1	6910872.6	8N		7.5YR 3/6	7.5YR 6/6	0 - 20	35	B	FALSE	2	ash	10
FGL007 08+00W	FG	CR	16/08/2013	19:38	soil	assay	MAP	1116	387421	6910853	8N		7.5YR 2/2		0 - 20	45	B	FALSE	3	organic	
FGL007 08+25W	FG	CR	16/08/2013	19:40	soil	assay	MAP		387404.3	6910832.8	8N		7.5YR 2/2		0 - 20	45	B	FALSE	2	ash	5
FGL007 08+50W	FG	CR	16/08/2013	19:41	soil	assay	MAP		387387.5	6910812.5	8N		7.5YR 2/2	7.5YR 4/8	0 - 20	35	B	FALSE	3		
FGL007 08+75W	FG	CR	16/08/2013	19:41	soil	assay	MAP		387370.8	6910792.3	8N		7.5YR 2/2	N 1/20	0 - 20	35	B	FALSE	1	organic	
FGL007 09+00W	FG	CR	16/08/2013	19:42	soil	assay	MAP	1093	387354	6910772	8N		7.5YR 2/2		0 - 20	65	B	FALSE	3	organic	
FGL007 09+25W	FG	CR	16/08/2013	19:43	soil	assay	MAP		387339.3	6910752.8	8N		7.5YR 2/2		0 - 20	45	B	FALSE	3	organic	
FGL007 09+50W	FG	CR	16/08/2013	19:44	soil	assay	MAP		387324.5	6910733.5	8N		7.5YR 3/6		0 - 20	45	B	FALSE	2	organic	
FGL007 09+75W	FG	CR	16/08/2013	19:45	soil	assay	MAP		387309.8	6910714.3	8N		7.5YR 2/2		0 - 20	35	B	FALSE	2	ash	5
FGL007 10+00W	FG	CR	16/08/2013	19:46	soil	assay	MAP	1087	387295	6910695	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3	rocky	
FGL007 10+25W	FG	CR	16/08/2013	19:47	soil	assay	MAP		387279	6910675.8	8N		7.5YR 2/2		0 - 20	35	B	TRUE	3	permafrost	
FGL007 10+50W	FG	CR	16/08/2013	19:48	soil	assay	MAP		387263	6910656.5	8N		7.5YR 2/2		0 - 20	45	B	FALSE	3	organic	
FGL007 10+75W	FG	CR	16/08/2013	19:49	soil	assay	MAP		387247	6910637.3	8N		7.5YR 3/6		0 - 20	35	B	FALSE	2	rocky	
FGL007 11+00W	FG	CR	16/08/2013	19:49	soil	assay	MAP	1085	387231	6910618	8N		7.5YR 3/6		0 - 20	45	B	FALSE	2	ash	5
FGL007 11+25W	FG	CR	16/08/2013	19:51	soil	assay	MAP		387218.8	6910597.8	8N		7.5YR 2/2		0 - 20	35	B	FALSE	2	organic	
FGL007 11+50W	FG	CR	16/08/2013	19:52	soil	assay	MAP		387206.5	6910577.5	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3	rocky	

Sample Number	Project	Username	Date	Time	Type	Purpose	Location Method	Elevation (m)	Easting	Northing	UTM Zone	GPS Accuracy (m)	Primary Colour	Subordinate Colour	Slope	Depth (cm)	Soil Horizon	Permafrost	Quality	Notes	Notes 2
FGL007 11+75W	FG	CR	16/08/2013	19:52	soil	assay	MAP		387194.3	6910557.3	8N		7.5YR 4/8	7.5YR 6/6	0 - 20	35	B	FALSE	3	ash	10
FGL007 12+00W	FG	CR	16/08/2013	19:53	soil	assay	MAP	1081	387182	6910537	8N		7.5YR 4/8		0 - 20	75	B	FALSE	3	ash	5
FGL007 12+25W	FG	CR	16/08/2013	19:54	soil	assay	MAP		387164	6910516.3	8N		7.5YR 3/6		0 - 20	35	B	TRUE	3	permafrost	
FGL007 12+50W	FG	CR	16/08/2013	19:56	soil	assay	MAP		387146	6910495.5	8N		7.5YR 3/6		0 - 20	75	B	FALSE	3	ash	5
FGL007 12+75W	FG	CR	16/08/2013	19:56	soil	assay	MAP		387128	6910474.8	8N		7.5YR 3/6	7.5YR 4/8	0 - 20	45	B	FALSE	4		
FGL007 13+00W	FG	CR	16/08/2013	19:57	soil	assay	MAP	1049	387110	6910454	8N		7.5YR 3/6		0 - 20	75	B	FALSE	3	rocky	
FGL007 13+25W	FG	CR	16/08/2013	19:58	soil	assay	MAP		387096	6910433.5	8N		7.5YR 4/8		0 - 20	65	B	FALSE	3		
FGL007 13+50W	FG	CR	16/08/2013	19:59	soil	assay	MAP		387082	6910413	8N		7.5YR 4/8		0 - 20	65	B	FALSE	3	rocky	
FGL007 13+75W	FG	CR	16/08/2013	20:00	soil	assay	MAP		387068	6910392.5	8N		7.5YR 4/8		0 - 20	55	B	FALSE	3	rocky	
FGL007 14+00W	FG	CR	16/08/2013	20:00	soil	assay	MAP	1010	387054	6910372	8N		7.5YR 4/8		0 - 20	65	B	FALSE	3	rocky	
FGL007 14+25W	FG	CR	16/08/2013	20:02	soil	assay	MAP		387038.5	6910351.3	8N		7.5YR 3/6		0 - 20	45	B	FALSE	3	rocky	
FGL007 14+50W	FG	CR	16/08/2013	20:03	soil	assay	MAP		387023	6910330.5	8N		7.5YR 3/6	7.5YR 4/8	0 - 20	35	B	FALSE	3	rocky	
FGL007 14+75W	FG	CR	16/08/2013	20:04	soil	assay	MAP		387007.5	6910309.8	8N		7.5YR 4/8		0 - 20	25	B	FALSE	3	rocky	
FGL007 15+00W	FG	CR	16/08/2013	20:04	soil	assay	MAP	959	386992	6910289	8N		7.5YR 4/8		0 - 20	25	B	FALSE	3	ash	10
FGL008 00+00	FG	NT	16/08/2013	10:08	soil	assay	GPS	1074	387988	6911432	8N	5	7.5YR 3/6		0 - 20	35	B	FALSE	3	line start	
FGL008 00+25E	FG	CR	17/08/2013	12:29	soil	assay	MAP	1067	388004	6911450	8N		7.5YR 4/8		0 - 20	35		FALSE	3	ash	5
FGL008 00+25W	FG	NT	16/08/2013	10:15	soil	assay	MAP		387971.8	6911412	8N		7.5YR 3/6		0 - 20	35	B	FALSE	4	rocky	
FGL008 00+50E	FG	CR	17/08/2013	12:31	soil	assay	MAP		388019.7	6911470.3	8N		7.5YR 2/2	7.5YR 6/6	0 - 20	65	B	TRUE	2	permafrost	
FGL008 00+50W	FG	NT	16/08/2013	10:17	soil	assay	MAP		387955.5	6911392	8N		7.5YR 3/6		0 - 20	35	B	FALSE	4		
FGL008 00+75E	FG	CR	17/08/2013	12:32	soil	assay	MAP		388035.4	6911490.7	8N		7.5YR 4/8		0 - 20	35		FALSE	3	ash	2
FGL008 00+75W	FG	NT	16/08/2013	10:19	soil	assay	MAP		387939.3	6911372	8N		7.5YR 3/6		0 - 20	35	B	FALSE	3	ash	5
FGL008 01+00E	FG	CR	17/08/2013	12:34	soil	assay	MAP	1045	388051	6911511	8N		7.5YR 4/8		0 - 20	75	B	FALSE	3	organic	
FGL008 01+00W	FG	NT	16/08/2013	10:23	soil	assay	GPS	1090	387923	6911352	8N	4	7.5YR 3/6		0 - 20	25	B	FALSE	3	ash	5
FGL008 01+25E	FG	CR	17/08/2013	12:35	soil	assay	MAP		388066.5	6911530.3	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3	rocky	
FGL008 01+25W	FG	NT	16/08/2013	10:28	soil	assay	MAP		387906.5	6911330.8	8N		7.5YR 3/6		0 - 20	35	B	FALSE	4		
FGL008 01+50E	FG	CR	17/08/2013	12:36	soil	assay	MAP		388082	6911549.5	8N		7.5YR 3/6		0 - 20	45	B	FALSE	3	organic	
FGL008 01+50W	FG	NT	16/08/2013	10:30	soil	assay	MAP		387890	6911309.5	8N		7.5YR 3/6		0 - 20	35	B	FALSE	4		
FGL008 01+75E	FG	CR	17/08/2013	12:37	soil	assay	MAP		388097.5	6911568.8	8N		7.5YR 2/2		0 - 20	55	B	FALSE	3	ash	5
FGL008 01+75W	FG	NT	16/08/2013	10:32	soil	assay	MAP		387873.5	6911288.3	8N		7.5YR 3/6		0 - 20	35	B	FALSE	3	ash	5
FGL008 02+00E	FG	CR	17/08/2013	12:38	soil	assay	MAP	1023	388113	6911588	8N		7.5YR 2/2		0 - 20	35	B	FALSE	2	ash	6
FGL008 02+00W	FG	NT	16/08/2013	10:37	soil	assay	GPS	1109	387857	6911267	8N	5	7.5YR 3/6		0 - 20	45	B	FALSE	4		
FGL008 02+25E	FG	CR	17/08/2013	12:40	soil	assay	MAP		388128	6911608.8	8N		7.5YR 3/6		0 - 20	35	B	FALSE	2	rocky	
FGL008 02+25W	FG	NT	16/08/2013	10:41	soil	assay	MAP		387842.5	6911249.5	8N		7.5YR 3/6		0 - 20	35	B	FALSE	3		
FGL008 02+50E	FG	CR	17/08/2013	12:41	soil	assay	MAP		388143	6911629.5	8N		7.5YR 2/2	7.5YR 6/6	0 - 20	45	B	FALSE	3	rocky	
FGL008 02+50W	FG	NT	16/08/2013	10:43	soil	assay	MAP		387828	6911232	8N		7.5YR 3/6		0 - 20	55	B	FALSE	4		
FGL008 02+75E	FG	CR	17/08/2013	12:43	soil	assay	MAP		388158	6911650.3	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3	rocky	
FGL008 02+75W	FG	NT	16/08/2013	10:44	soil	assay	MAP		387813.5	6911214.5	8N		7.5YR 2/2		0 - 20	35	B	FALSE	3		
FGL008 03+00E	FG	CR	17/08/2013	12:44	soil	assay	MAP	1000	388173	6911671	8N		7.5YR 4/8	7.5YR 2/2	0 - 20	55	B	FALSE	3	rocky	
FGL008 03+00W	FG	NT	16/08/2013	10:49	soil	assay	GPS	1130	387799	6911197	8N	5			0 - 20	25	B	FALSE	3		
FGL008 03+25W	FG	NT	16/08/2013	10:52	soil	assay	MAP		387784.3	6911176	8N		7.5YR 2/2		0 - 20	25	B	FALSE	4	organic	
FGL008 03+50W	FG	NT	16/08/2013	10:56	soil	assay	MAP		387769.5	6911155	8N		7.5YR 2/2		0 - 20	25	B	FALSE	3		
FGL008 03+75W	FG	NT	16/08/2013	10:59	soil	assay	MAP		387754.8	6911134	8N		7.5YR 3/6		0 - 20	25	B	FALSE	3	ash	5
FGL008 04+00W	FG	NT	16/08/2013	11:03	soil	assay	GPS	1146	387740	6911113	8N	4	7.5YR 3/6		0 - 20	35	B	FALSE	4		
FGL008 04+25W	FG	NT	16/08/2013	11:07	soil	assay	MAP		387724.5	6911092.8	8N		7.5YR 3/6		0 - 20	35	B	FALSE	4		
FGL008 04+50W	FG	NT	16/08/2013	11:10	soil	assay	MAP		387709	6911072.5	8N		7.5YR 3/6		0 - 20	35	B	FALSE		rocky	
FGL008 04+75W	FG	NT	16/08/2013	11:13	soil	assay	MAP		387693.5	6911052.3	8N		7.5YR 2/2		0 - 20	45	B	FALSE	3	rocky	
FGL008 05+00W	FG	NT	16/08/2013	11:13	soil	assay	GPS	1166	387678	6911032	8N	4	7.5YR 2/2		0 - 20	45	B	FALSE	3		
FGL008 05+25W	FG	NT	16/08/2013	11:21	soil	assay	MAP		387662.8	6911011.5	8N		7.5YR 2/2		0 - 20	25	B	FALSE	4		
FGL008 05+50W	FG	NT	16/08/2013	11:22	soil	assay	MAP		387647.5	6910991	8N		7.5YR 2/2		0 - 20	25	B	FALSE	3	rocky	
FGL008 05+75W	FG	NT	16/08/2013	11:27	soil	assay	MAP		387632.3	6910970.5	8N		7.5YR 2/2		0 - 20	25	B	FALSE	3	above road	
FGL008 06+00W	FG	NT	16/08/2013	11:36	soil	assay	GPS		387617	6910950	8N	4	7.5YR 2/2		0 - 20	25	B	FALSE	4		
FGL008 06+25W	FG	NT	16/08/2013	11:43	soil	assay	MAP		387601.8	6910929.5	8N		7.5YR 2/2		0 - 20	25	B	FALSE	4		
FGL008 06+50W	FG	NT	16/08/2013	11:45	soil	assay	MAP		387586.5	6910909	8N		7.5YR 6/6		0 - 20	25	B	FALSE	2	ash	5
FGL008 06+75W	FG	NT	16/08/2013	11:50	soil	assay	MAP		387571.3	6910888.5	8N		7.5YR 3/6		0 - 20	35	B	FALSE	3		
FGL008 07+00W	FG	NT	16/08/2013	11:53	soil	assay	MAP	1149	387556	6910868	8N		7.5YR 3/6		0 - 20	35	B	FALSE	3	ash	5
FGL008 07+25W	FG	NT	16/08/2013	11:54	soil	assay	MAP		387538.8	6910845	8N		7.5YR 3/6		0 - 20	35	B	FALSE	3		
FGL008 07+50W	FG	NT	16/08/2013	12:03	soil	assay	MAP		387521.5	6910822	8N		7.5YR 3/6		0 - 20	25	B	FALSE	3		
FGL008 07+75W	FG	NT	16/08/2013	12:44	soil	assay	MAP		387504.3	6910799	8N				0 - 20	25	B	FALSE	4	rocky	
FGL008 08+00W	FG	NT	16/08/2013	12:54	soil	assay	GPS	1135	387487	6910776	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3	organic	
FGL008 08+25W	FG	NT	16/08/2013	13:01	soil	assay	MAP		387471	6910755.4	8N		7.5YR 4/8		0 - 20	35	B	FALSE	4		
FGL008 08+50W	FG	NT	16/08/2013	13:03	soil	assay	MAP		387455	6910734.8	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3	rocky	
FGL008 08+75W	FG	NT	16/08/2013	13:06	soil	assay	MAP		387439	6910714.1	8N		7.5YR 3/6		0 - 20	35	B	FALSE	2	ash	10
FGL008 09+00W	FG	NT	16/08/2013	13:13	soil	assay	MAP		387423	6910693.5	8N		7.5YR 3/6		0 - 20	55	B	FALSE	1	ash	15
FGL008 09+25W	FG	NT	16/08/2013	13:19	soil	assay	MAP		387407	6910672.9	8N		7.5YR 3/6		0 - 20	45	B	FALSE	2	ash	10
FGL008 09+50W	FG	NT	16/08/2013	13:23	soil	assay	MAP		387391	6910652.3	8N		N 1/20		0 - 20	55	B	FALSE	1	ash	10
FGL008 09+75W	FG	NT	16/08/2013	13:27	soil	assay	MAP		387375	6910631.6	8N		N 1/20		0 - 20	75	B	TRUE	1	permafrost	
FGL008 10+00W	FG	NT	16/08/2013	13:33	soil	assay	GPS	1111	387359	6910611	8N		7.5YR 3/6		0 - 20	65	B	TRUE	3	permafrost	
FGL008 10+25W	FG	NT	16/08/2013	13:38	soil	assay	MAP		387343.5	6910591.8	8N		7.5YR 3/6		0 - 20	45	B	TRUE	3	permafrost	
FGL008 10+50W	FG	NT	16/08/2013	13:43	soil	assay	MAP		387328	6910572.5	8N		7.5YR 3/6		0 - 20	45	B	FALSE	2	ash	10
FGL008 10+75W	FG	NT	16/08/2013	13:47	soil	assay	MAP		387312.5	6910553.3	8N		7.5YR 3/6		0 - 20	45	B	FALSE	3	organic	
FGL008 11+00W	FG	NT	16/08/2013	13:50	soil	assay	MAP		387297	6910534	8N		7.5YR 3/6		0 - 20	55	B	TRUE	2	permafrost	
FGL008 11+25W	FG	NT	16/08/2013	13:55	soil	assay	MAP		387281.5	6910514.8	8N		7.5YR 3/6		0 - 20	35	B	FALSE	4	below road	

Sample Number	Project	Username	Date	Time	Type	Purpose	Location Method	Elevation (m)	Easting	Northing	UTM Zone	GPS Accuracy (m)	Primary Colour	Subordinate Colour	Slope	Depth (cm)	Soil Horizon	Permafrost	Quality	Notes	Notes 2
FGL008 11+50W	FG	NT	16/08/2013	13:59	soil	assay	MAP		387266	6910495.5	8N		7.5YR 3/6		0 - 20	45	B	FALSE	3		
FGL008 11+75W	FG	NT	16/08/2013	14:03	soil	assay	MAP		387250.5	6910476.3	8N		7.5YR 3/6		0 - 20	45	B	FALSE	4		
FGL008 12+00W	FG	NT	16/08/2013	14:07	soil	assay	GPS	1095	387235	6910457	8N		7.5YR 4/8		20 - 40	45	B	FALSE	3		
FGL008 12+25W	FG	NT	16/08/2013	14:14	soil	assay	MAP		387221	6910436.9	8N		7.5YR 4/8		0 - 20	35	B	FALSE	4		
FGL008 12+50W	FG	NT	16/08/2013	14:17	soil	assay	MAP		387207	6910416.8	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL008 12+75W	FG	NT	16/08/2013	14:21	soil	assay	MAP		387193	6910396.6	8N		7.5YR 4/8		0 - 20	35	B	FALSE	4		
FGL008 13+25W	FG	NT	16/08/2013	14:30	soil	assay	MAP		387165	6910356.4	8N		7.5YR 3/6		0 - 20	35	B	FALSE	4		
FGL008 13+50W	FG	NT	16/08/2013	14:34	soil	assay	MAP		387151	6910336.3	8N		7.5YR 4/8		20 - 40	35	B	FALSE	4		
FGL008 13+75W	FG	NT	16/08/2013	14:38	soil	assay	MAP		387137	6910316.1	8N		7.5YR 4/8		20 - 40	35	B	FALSE	3	ash	2
FGL008 14+00W	FG	NT	16/08/2013	14:45	soil	assay	GPS	1010	387123	6910296	8N		7.5YR 4/8		20 - 40	35	B	FALSE	3	ash	2
FGL008 14+25W	FG	NT	16/08/2013	14:57	soil	assay	MAP		387105.8	6910276.8	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3		
FGL008 14+50W	FG	NT	16/08/2013	14:58	soil	assay	MAP		387088.5	6910257.5	8N		7.5YR 4/8		20 - 40	45	B	FALSE	4		
FGL008 14+75W	FG	NT	16/08/2013	14:59	soil	assay	MAP		387071.3	6910238.3	8N		7.5YR 4/8		20 - 40	35	B	FALSE	4		
FGL008 15+00W	FG	NT	16/08/2013	15:03	soil	assay	GPS	965	387054	6910219	8N		7.5YR 4/8		20 - 40	35	B	FALSE	3	line end	
FGL009 00+00	FG	NT	17/08/2013	10:19	soil	assay	GPS	938	388436	6911599	8N	4	7.5YR 4/8		0 - 20			FALSE			
FGL009 00+25W	FG	NT	17/08/2013	10:31	soil	assay	MAP		388420.3	6911580	8N		7.5YR 4/8			55	B	FALSE	3		
FGL009 00+50W	FG	NT	17/08/2013	10:33	soil	assay	MAP		388404.5	6911561	8N							FALSE			
FGL009 00+75W	FG	NT	17/08/2013	10:41	soil	assay	MAP		388388.8	6911542	8N		7.5YR 3/6		0 - 20	25	A	FALSE	3		
FGL009 01+00W	FG	NT	17/08/2013	10:43	soil	assay	GPS	959	388373	6911523	8N		7.5YR 3/6		0 - 20	25	B	FALSE	3		
FGL009 01+25W	FG	NT	17/08/2013	10:48	soil	assay	MAP		388353.8	6911506	8N		7.5YR 3/6		0 - 20	25	B	FALSE	3	organic	
FGL009 01+50W	FG	NT	17/08/2013	10:50	soil	assay	MAP		388334.5	6911489	8N		7.5YR 3/6		0 - 20	25	B	FALSE	4		
FGL009 01+75W	FG	NT	17/08/2013	10:53	soil	assay	MAP		388315.3	6911472	8N		7.5YR 3/6		0 - 20	35	B	FALSE	4	organic	
FGL009 02+00W	FG	NT	17/08/2013	10:57	soil	assay	GPS	991	388296	6911455	8N	3	7.5YR 3/6		0 - 20	25	B	FALSE	3	rocky	
FGL009 02+50W	FG	NT	17/08/2013	11:06	soil	assay	MAP		388264.5	6911418	8N		7.5YR 3/6		0 - 20	35	B	FALSE	3	rocky	
FGL009 02+75W	FG	NT	17/08/2013	11:08	soil	assay	MAP		388248.8	6911399.5	8N		N 1/20		0 - 20	25	B	TRUE	3	permafrost	
FGL009 03+00W	FG	NT	17/08/2013	11:12	soil	assay	GPS	1009	388233	6911381	8N		7.5YR 3/6		0 - 20	35	B	FALSE	3		
FGL009 03+25W	FG	NT	17/08/2013	11:19	soil	assay	MAP		388213.8	6911364	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL009 03+50W	FG	NT	17/08/2013	11:22	soil	assay	MAP		388194.5	6911347	8N		7.5YR 3/6		0 - 20	35	B	FALSE	3	organic	
FGL009 03+75W	FG	NT	17/08/2013	11:26	soil	assay	MAP		388175.3	6911330	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3		
FGL009 04+00W	FG	NT	17/08/2013	11:31	soil	assay	MAP	1040	388156	6911313	8N	4	7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL009 04+25W	FG	NT	17/08/2013	11:36	soil	assay	MAP		388140.3	6911294	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3		
FGL009 04+50W	FG	NT	17/08/2013	11:41	soil	assay	MAP		388124.5	6911275	8N		7.5YR 2/2		0 - 20	25	B	FALSE	3		
FGL009 04+75W	FG	NT	17/08/2013	11:43	soil	assay	MAP		388108.8	6911256	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL009 05+00W	FG	NT	17/08/2013	11:46	soil	assay	GPS	1061	388093	6911237	8N	5	7.5YR 4/8		0 - 20	25	B	FALSE	3		
FGL009 05+25W	FG	NT	17/08/2013	11:53	soil	assay	MAP		388075.5	6911217.5	8N		7.5YR 4/8		0 - 20	25	B	FALSE	3		
FGL009 05+50W	FG	NT	17/08/2013	11:57	soil	assay	MAP		388058	6911198	8N		7.5YR 4/8		0 - 20	25	B	FALSE	3		
FGL009 05+75W	FG	NT	17/08/2013	11:59	soil	assay	MAP		388040.5	6911178.5	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL009 06+00W	FG	NT	17/08/2013	12:03	soil	assay	MAP	1077	388023	6911159	8N		7.5YR 3/6		0 - 20	35	B	FALSE	3		
FGL009 06+25W	FG	NT	17/08/2013	12:09	soil	assay	MAP		388008.5	6911145	8N		7.5YR 3/6		0 - 20	45	B	FALSE	3		
FGL009 06+50W	FG	NT	17/08/2013	12:12	soil	assay	MAP		387994	6911131	8N		7.5YR 3/6		0 - 20	45	B	FALSE	3		
FGL009 06+75W	FG	NT	17/08/2013	12:15	soil	assay	MAP		387979.5	6911117	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL009 07+00W	FG	NT	17/08/2013	12:20	soil	assay	GPS	1103	387965	6911103	8N	5	7.5YR 3/6		0 - 20	25	B	FALSE	3		
FGL009 07+25W	FG	NT	17/08/2013	12:23	soil	assay	MAP		387948.8	6911084	8N		7.5YR 3/6		0 - 20	25	B	FALSE	3		
FGL009 07+50W	FG	NT	17/08/2013	12:31	soil	assay	MAP		387932.5	6911065	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL009 07+75W	FG	NT	17/08/2013	12:32	soil	assay	MAP		387916.3	6911046	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL009 08+00W	FG	NT	17/08/2013	12:37	soil	assay	GPS	1121	387900	6911027	8N	6	7.5YR 3/6		0 - 20	35	B	FALSE	3	rocky	
FGL009 08+25W	FG	NT	17/08/2013	12:42	soil	assay	MAP		387880.4	6911006.9	8N		7.5YR 4/8		0 - 20	25	B	FALSE	4		
FGL009 08+50W	FG	NT	17/08/2013	12:46	soil	assay	MAP		387860.8	6910986.8	8N		7.5YR 4/8		0 - 20	35	B	FALSE	4		
FGL009 08+75W	FG	NT	17/08/2013	12:49	soil	assay	MAP		387841.1	6910966.6	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL009 09+00W	FG	NT	17/08/2013	12:56	soil	assay	GPS	1150	387821.5	6910946.5	8N	4	7.5YR 4/8		0 - 20	35	B	FALSE	4		
FGL009 09+25W	FG	NT	17/08/2013	13:01	soil	assay	MAP		387801.9	6910926.4	8N		7.5YR 4/8		0 - 20	25	B	FALSE	3		
FGL009 09+50W	FG	NT	17/08/2013	13:04	soil	assay	MAP		387782.3	6910906.3	8N		7.5YR 4/8		0 - 20	35	B	FALSE	4	organic	
FGL009 09+75W	FG	NT	17/08/2013	13:08	soil	assay	MAP		387762.6	6910886.1	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL009 10+00W	FG	NT	17/08/2013	13:11	soil	assay	MAP	1174	387743	6910866	8N	5	7.5YR 4/8		0 - 20	25	B	FALSE	3		
FGL009 10+25W	FG	NT	17/08/2013	13:17	soil	assay	MAP		387726.5	6910847.3	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL009 10+50W	FG	NT	17/08/2013	13:22	soil	assay	MAP		387710	6910828.5	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL009 10+75W	FG	NT	17/08/2013	13:43	soil	assay	MAP		387693.5	6910809.8	8N		7.5YR 4/8		0 - 20	35	B	TRUE	3	permafrost	
FGL009 11+00W	FG	NT	17/08/2013	13:46	soil	assay	MAP		387677	6910791	8N		7.5YR 3/6		0 - 20	35	B	FALSE	4	above road	
FGL009 11+25W	FG	NT	17/08/2013	13:51	soil	assay	MAP		387660.5	6910772.3	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3	organic	
FGL009 11+50W	FG	NT	17/08/2013	13:56	soil	assay	MAP		387644	6910753.5	8N		7.5YR 4/8		20 - 40	35	B	FALSE	3	above road	
FGL009 11+75W	FG	NT	17/08/2013	14:00	soil	assay	MAP		387627.5	6910734.8	8N		7.5YR 3/6		0 - 20	55	B	FALSE	4	ash	1
FGL009 12+00W	FG	NT	17/08/2013	14:05	soil	assay	MAP	1165	387611	6910716	8N		7.5YR 4/8		0 - 20	55	B	FALSE	4		
FGL009 12+25W	FG	NT	17/08/2013	14:08	soil	assay	MAP		387592.9	6910698.3	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL009 12+50W	FG	NT	17/08/2013	14:11	soil	assay	MAP		387574.8	6910680.5	8N		7.5YR 2/2		0 - 20	45	B	FALSE	1	ash	10
FGL009 12+75W	FG	NT	17/08/2013	14:16	soil	assay	MAP		387556.6	6910662.8	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3	rocky	
FGL009 13+00W	FG	NT	17/08/2013	14:18	soil	assay	MAP		387538.5	6910645	8N							FALSE			
FGL009 13+25W	FG	NT	17/08/2013	14:19	soil	assay	MAP		387520.4	6910627.3	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3	organic	
FGL009 13+50W	FG	NT	17/08/2013	14:25	soil	assay	MAP		387502.3	6910609.5	8N		7.5YR 2/2		0 - 20	45	B	FALSE	3		
FGL009 13+75W	FG	NT	17/08/2013	14:32	soil	assay	MAP		387484.1	6910591.8	8N		7.5YR 2/2		0 - 20	55	B	FALSE	2	ash	10
FGL009 14+00W	FG	NT	17/08/2013	14:39	soil	assay	MAP	1142	387466	6910574	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3		
FGL009 14+25W	FG	NT	17/08/2013	14:43	soil	assay	MAP		387449.8	6910554	8N		7.5YR 4/8		0 - 20	35	B	FALSE	4		
FGL009 14+50W	FG	NT	17/08/2013	14:45	soil	assay	MAP		387433.5	6910534	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3		

Sample Number	Project	Username	Date	Time	Type	Purpose	Location Method	Elevation (m)	Easting	Northing	UTM Zone	GPS Accuracy (m)	Primary Colour	Subordinate Colour	Slope	Depth (cm)	Soil Horizon	Permafrost	Quality	Notes	Notes 2
FGL009 14+75W	FG	NT	17/08/2013	14:51	soil	assay	MAP		387417.3	6910514	8N		7.5YR 4/8		0 - 20	45	B	FALSE	4		
FGL009 15+00W	FG	NT	17/08/2013	14:53	soil	assay	GPS	1133	387401	6910494	8N		7.5YR 4/8		0 - 20	35	B	FALSE	4	line end	
FGL009 15+25W	FG	NT	19/08/2013	14:04	soil	assay	MAP	1124	387356	6910461	8N		7.5YR 3/6		0 - 20	25	B	FALSE	3	rocky	
FGL009 15+50W	FG	NT	19/08/2013	14:09	soil	assay	MAP		387341.4	6910440	8N		7.5YR 3/6		0 - 20	35	B	FALSE	2	rocky	
FGL009 15+75W	FG	NT	19/08/2013	14:10	soil	assay	MAP		387326.7	6910419	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3	rocky	
FGL009 16+00W	FG	NT	19/08/2013	14:11	soil	assay	MAP	1099	387312	6910398	8N		7.5YR 2/2		0 - 20	45	B	FALSE	3	rocky	
FGL010 00+00	FG	NT	19/08/2013	10:15	soil	assay	GPS	1133	387877	6910962	8N	4	N 1/20		0 - 20	45	B	FALSE	2	line start	
FGL010 00+25W	FG	NT	19/08/2013	10:25	soil	assay	MAP		387861.3	6910943.5	8N		7.5YR 2/2		0 - 20	45	B	FALSE	3	ash	5
FGL010 00+50W	FG	NT	19/08/2013	10:29	soil	assay	MAP		387845.5	6910925	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL010 00+75W	FG	NT	19/08/2013	10:33	soil	assay	MAP		387829.8	6910906.5	8N		7.5YR 3/6		0 - 20	45	B	FALSE	3		
FGL010 01+00W	FG	NT	19/08/2013	10:40	soil	assay	GPS	1165	387814	6910888	8N		7.5YR 4/8		0 - 20	25	B	FALSE	3		
FGL010 01+25W	FG	NT	19/08/2013	10:46	soil	assay	MAP		387799.3	6910867.3	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3	ash	5
FGL010 01+50W	FG	NT	19/08/2013	10:50	soil	assay	MAP		387784.5	6910846.5	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL010 01+75W	FG	NT	19/08/2013	10:54	soil	assay	MAP		387769.8	6910825.8	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3	ash	5
FGL010 02+00W	FG	NT	19/08/2013	10:55	soil	assay	GPS	1183	387755	6910805	8N	42	7.5YR 4/8		0 - 20	25	B	FALSE	3	ash	5
FGL010 02+25W	FG	NT	19/08/2013	11:13	soil	assay	MAP		387743.3	6910788	8N		7.5YR 2/2		0 - 20	35	B	FALSE	3	ash	5
FGL010 02+50W	FG	NT	19/08/2013	11:14	soil	assay	MAP		387731.5	6910771	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3	ash	5
FGL010 02+75W	FG	NT	19/08/2013	11:20	soil	assay	MAP		387719.8	6910754	8N		7.5YR 4/8		0 - 20	95	B	FALSE	5	n/a	
FGL010 03+00W	FG	NT	19/08/2013	11:26	soil	assay	GPS	1191	387708	6910737	8N	4	7.5YR 4/8		0 - 20	25	B	FALSE	4	ash	
FGL010 03+25W	FG	NT	19/08/2013	11:33	soil	assay	MAP		387687.5	6910715.5	8N		7.5YR 4/8		0 - 20	25	B	FALSE	3	ash	5
FGL010 03+50W	FG	NT	19/08/2013	11:36	soil	assay	MAP		387667	6910694	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL010 03+75W	FG	NT	19/08/2013	11:39	soil	assay	MAP		387646.5	6910672.5	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL010 04+00W	FG	NT	19/08/2013	11:44	soil	assay	GPS	1166	387626	6910651	8N		7.5YR 4/8		0 - 20	25	B	FALSE	3		
FGL010 04+25W	FG	NT	19/08/2013	11:49	soil	assay	MAP		387612.5	6910629.5	8N		7.5YR 4/8		0 - 20	25	B	FALSE	3		
FGL010 04+50W	FG	NT	19/08/2013	11:52	soil	assay	MAP		387599	6910608	8N		7.5YR 4/8		0 - 20	25	B	FALSE	3		
FGL010 04+75W	FG	NT	19/08/2013	11:56	soil	assay	MAP		387585.5	6910586.5	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3	ash	5
FGL010 05+00W	FG	NT	19/08/2013	12:00	soil	assay	GPS	1162	387572	6910565	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL010 05+25W	FG	NT	19/08/2013	12:05	soil	assay	MAP		387557	6910546.8	8N		7.5YR 4/8		0 - 20	25	B	FALSE	3	ash	1
FGL010 05+50W	FG	NT	19/08/2013	12:08	soil	assay	MAP		387542	6910528.5	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3		
FGL010 05+75W	FG	NT	19/08/2013	12:11	soil	assay	MAP		387527	6910510.3	8N		7.5YR 4/8		0 - 20		B	TRUE	3	permafrost	
FGL010 06+00W	FG	NT	19/08/2013	12:16	soil	assay	GPS	1155	387512	6910492	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL010 06+25W	FG	NT	19/08/2013	12:22	soil	assay	MAP		387496.8	6910471	8N		7.5YR 4/8		0 - 20	35	B	FALSE	2	organic	
FGL010 06+50W	FG	NT	19/08/2013	12:24	soil	assay	MAP		387481.5	6910450	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL010 06+75W	FG	NT	19/08/2013	12:27	soil	assay	MAP		387466.3	6910429	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL010 07+00W	FG	NT	19/08/2013	12:30	soil	assay	GPS	1130	387451	6910408	8N	4	7.5YR 4/8		0 - 20	45	B	FALSE	4		
FGL010 07+25W	FG	NT	19/08/2013	12:35	soil	assay	MAP		387435.3	6910389	8N		7.5YR 2/2		0 - 20	25	B	FALSE	3		
FGL010 07+50W	FG	NT	19/08/2013	12:37	soil	assay	MAP		387419.5	6910370	8N		7.5YR 4/8		0 - 20	25	B	FALSE	3		
FGL010 07+75W	FG	NT	19/08/2013	12:40	soil	assay	MAP		387403.8	6910351	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL010 08+00W	FG	NT	19/08/2013	12:42	soil	assay	GPS	1104	387388	6910332	8N	9	7.5YR 4/8		0 - 20	75	B	FALSE	4	line end	
FGL011 00+00	FG	NT	18/08/2013	10:07	soil	assay	GPS	1154	387569	6910735	8N	4	7.5YR 2/2		0 - 20	85	B	FALSE	3		
FGL011 00+25E	FG	NT	18/08/2013	10:10	soil	assay	MAP		387583.5	6910756	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3	rocky	
FGL011 00+50E	FG	NT	18/08/2013	10:13	soil	assay	MAP		387598	6910777	8N		7.5YR 4/8		0 - 20	45	B	FALSE	4		
FGL011 00+75E	FG	NT	18/08/2013	10:18	soil	assay	MAP		387612.5	6910798	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3	rocky	
FGL011 01+00E	FG	NT	18/08/2013	10:21	soil	assay	GPS	1169	387627	6910819	8N	5	7.5YR 4/8		0 - 20	25	B	FALSE	3	below road	
FGL011 01+25E	FG	NT	18/08/2013	10:29	soil	assay	MAP		387642.8	6910836.8	8N		7.5YR 4/8		0 - 20	25	B	FALSE	3		
FGL011 01+50E	FG	NT	18/08/2013	10:32	soil	assay	MAP		387658.5	6910854.5	8N		7.5YR 4/8		0 - 20	35	A	FALSE	3	ash	5
FGL011 01+75E	FG	NT	18/08/2013	10:35	soil	assay	MAP		387674.3	6910872.3	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL011 02+00E	FG	NT	18/08/2013	10:38	soil	assay	GPS	1181	387690	6910890	8N	5	7.5YR 4/8		0 - 20	25	B	FALSE	3	ash	1
FGL011 02+25E	FG	NT	18/08/2013	10:44	soil	assay	MAP		387705.3	6910910.3	8N		7.5YR 3/6		0 - 20	25	B	FALSE	3		
FGL011 02+50E	FG	NT	18/08/2013	10:46	soil	assay	MAP		387720.5	6910930.5	8N		7.5YR 3/6		0 - 20	35	B	FALSE	3		
FGL011 02+75E	FG	NT	18/08/2013	10:49	soil	assay	MAP		387735.8	6910950.8	8N		7.5YR 2/2		0 - 20	25	B	FALSE	3		
FGL011 03+00E	FG	NT	18/08/2013	10:54	soil	assay	GPS	1169	387751	6910971	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL011 03+25E	FG	NT	18/08/2013	11:00	soil	assay	MAP		387766.8	6910989.8	8N		7.5YR 3/6		0 - 20	25	B	FALSE	3	ash	7.5
FGL011 03+50E	FG	NT	18/08/2013	11:06	soil	assay	MAP		387782.5	6911008.5	8N		7.5YR 2/2		0 - 20	45		FALSE	2	organic	
FGL011 03+75E	FG	NT	18/08/2013	11:11	soil	assay	MAP		387798.3	6911027.3	8N		7.5YR 2/2		0 - 20	25	B	FALSE	3		
FGL011 04+00E	FG	NT	18/08/2013	11:16	soil	assay	GPS	1146	387814	6911046	8N	3	7.5YR 2/2		0 - 20	55	B	FALSE	2	ash	10
FGL011 04+25E	FG	NT	18/08/2013	11:27	soil	assay	MAP		387829.5	6911066	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL011 04+50E	FG	NT	18/08/2013	11:31	soil	assay	MAP		387845	6911086	8N		7.5YR 3/6		0 - 20	35	B	FALSE	3		
FGL011 04+75E	FG	NT	18/08/2013	11:35	soil	assay	MAP		387860.5	6911106	8N		7.5YR 2/2		0 - 20	35	B	FALSE	3		
FGL011 05+00E	FG	NT	18/08/2013	11:39	soil	assay	GPS	1118	387876	6911126	8N	5	7.5YR 2/2		0 - 20	25	B	FALSE	3		
FGL011 05+25E	FG	NT	18/08/2013	11:44	soil	assay	MAP		387891.3	6911145.3	8N		7.5YR 3/6		0 - 20	35	B	FALSE	3		
FGL011 05+50E	FG	NT	18/08/2013	11:46	soil	assay	MAP		387906.5	6911164.5	8N		7.5YR 3/6		0 - 20	35	B	FALSE	3	ash	10
FGL011 05+75E	FG	NT	18/08/2013	11:50	soil	assay	MAP		387921.8	6911183.8	8N		7.5YR 2/2		0 - 20	35	B	FALSE	3	organic	
FGL011 06+00E	FG	NT	18/08/2013	11:50	soil	assay	GPS	1103	387937	6911203	8N	4	7.5YR 3/6		0 - 20	25	B	FALSE	3		
FGL011 06+25E	FG	NT	18/08/2013	13:04	soil	assay	MAP		387955	6911223.8	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3	rocky	
FGL011 06+50E	FG	NT	18/08/2013	13:07	soil	assay	MAP		387973	6911244.5	8N		7.5YR 2/2	7.5YR 6/6	0 - 20	35	B	FALSE	3	ash	5
FGL011 06+75E	FG	NT	18/08/2013	13:12	soil	assay	MAP		387991	6911265.3	8N		7.5YR 2/2		0 - 20	35	B	FALSE	3	ash	5
FGL011 07+00E	FG	NT	18/08/2013	13:19	soil	assay	MAP	1074	388009	6911286	8N		7.5YR 2/2		0 - 20	35	B	FALSE	1	ash	10
FGL011 07+25E	FG	NT	18/08/2013	13:31	soil	assay	MAP		388023.4	6911305.5	8N		7.5YR 2/2		0 - 20	35	B	FALSE	2	ash	6
FGL011 07+50E	FG	NT	18/08/2013	13:34	soil	assay	MAP		388037.8	6911325	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3	organic	
FGL011 07+75E	FG	NT	18/08/2013	13:41	soil	assay	MAP		388052.1	6911344.5	8N		7.5YR 2/2		0 - 20	35	B	FALSE	3	organic	
FGL011 08+00E	FG	NT	18/08/2013	13:46	soil	assay	MAP		388066.5	6911364	8N		7.5YR 4/8		0 - 20	55	B	FALSE	3	rocky	

Sample Number	Project	Username	Date	Time	Type	Purpose	Location Method	Elevation (m)	Easting	Northing	UTM Zone	GPS Accuracy (m)	Primary Colour	Subordinate Colour	Slope	Depth (cm)	Soil Horizon	Permafrost	Quality	Notes	Notes 2
FGL011 08+25E	FG	NT	18/08/2013	13:54	soil	assay	MAP		388080.9	6911383.5	8N		7.5YR 6/6		0 - 20	55	B	FALSE	3	organic	
FGL011 08+50E	FG	NT	18/08/2013	13:58	soil	assay	MAP		388095.3	6911403	8N		7.5YR 2/2		0 - 20	35	B	TRUE	2	permafrost	
FGL011 08+75E	FG	NT	18/08/2013	14:09	soil	assay	MAP		388109.6	6911422.5	8N		7.5YR 2/2		0 - 20	35	B	FALSE	3	rocky	
FGL011 09+00E	FG	NT	18/08/2013	14:11	soil	assay	MAP	1043	388124	6911442	8N		7.5YR 2/2		0 - 20	45	B	FALSE	3	rocky	
FGL011 09+25E	FG	NT	18/08/2013	14:15	soil	assay	MAP		388139.3	6911461	8N		7.5YR 4/8		0 - 20	25	B	FALSE	3	rocky	
FGL011 09+50E	FG	NT	18/08/2013	14:16	soil	assay	MAP		388154.5	6911480	8N		7.5YR 2/2		0 - 20	35	B	TRUE	3	permafrost	
FGL011 09+75E	FG	NT	18/08/2013	14:22	soil	assay	MAP		388169.8	6911499	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL011 10+00E	FG	NT	18/08/2013	14:29	soil	assay	MAP	1014	388185	6911518	8N		7.5YR 2/2		0 - 20	35	B	FALSE	2	rocky	
FGL011 10+25E	FG	NT	18/08/2013	14:37	soil	assay	MAP		388201.3	6911538	8N		7.5YR 2/2		0 - 20	35	B	TRUE	3	permafrost	
FGL011 10+50E	FG	NT	18/08/2013	14:43	soil	assay	MAP		388217.5	6911558	8N		7.5YR 3/6		0 - 20	35	B	FALSE	3	rocky	
FGL011 10+75E	FG	NT	18/08/2013	14:45	soil	assay	MAP		388233.8	6911578	8N		7.5YR 3/6		0 - 20	25	B	FALSE	4		
FGL011 11+00E	FG	NT	18/08/2013	14:51	soil	assay	MAP	990	388250	6911598	8N		7.5YR 4/8		0 - 20	15	B	FALSE	4		
FGL012 00+25N	FG	NT	20/08/2013	14:45	soil	assay	MAP		387474	6911696.5	8N		7.5YR 4/8		0 - 20	35	B	FALSE	4		
FGL012 00+50N	FG	NT	20/08/2013	14:49	soil	assay	GPS	1039	387474	6911721	8N		7.5YR 4/8		0 - 20	35	B	FALSE	4	organic	
FGL012 00+75N	FG	NT	20/08/2013	14:58	soil	assay	MAP		387474	6911745	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3	top of cliff	
FGL012 01+00N	FG	NT	20/08/2013	15:06	soil	assay	GPS	1030	387474	6911769	8N		7.5YR 4/8		0 - 20	25	B	FALSE	4	line end	
FGL013 00+00	FG	NT	20/08/2013	15:13	soil	assay	GPS	1038	387519	6911771	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3	line start	
FGL013 01+00S	FG	NT	20/08/2013	16:00	soil	assay	GPS	1051	387520	6911670	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3	line end	
FGL014 00+00	FG	NT	20/08/2013	16:05	soil	assay	GPS	1056	387571	6911671	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3	line start	
FGL014 00+25N	FG	NT	20/08/2013	16:11	soil	assay	MAP		387570.5	6911695	8N		7.5YR 4/8		0 - 20	35	B	FALSE	2	ash	5
FGL014 00+50N	FG	NT	20/08/2013	16:17	soil	assay	GPS	1052	387570	6911719	8N		7.5YR 3/6		0 - 20	45	B	FALSE	3	organic	
FGL014 00+75N	FG	NT	20/08/2013	16:22	soil	assay	MAP		387570	6911744.5	8N		7.5YR 4/8		0 - 20	55	B	TRUE	3	permafrost	
FGL014 01+00N	FG	NT	20/08/2013	16:27	soil	assay	GPS	1044	387570	6911770	8N		7.5YR 4/8		0 - 20	35	B	FALSE	4	line end	
FGL015 00+00	FG	NT	22/08/2013	9:45	soil	assay	GPS	1199	393705	6906396	8N	6	7.5YR 4/8		0 - 20	25	B	FALSE	5	line start	
FGL015 00+25W	FG	NT	22/08/2013	10:00	soil	assay	MAP		393687.9	6906376.9	8N		7.5YR 4/8		0 - 20	25	B	FALSE	4		
FGL015 00+50W	FG	NT	22/08/2013	10:03	soil	assay	MAP		393670.7	6906357.8	8N		7.5YR 4/8		0 - 20	25	A	FALSE	4		
FGL015 00+75W	FG	NT	22/08/2013	10:05	soil	assay	MAP		393653.5	6906338.7	8N		7.5YR 4/8		0 - 20	25	B	FALSE	4		
FGL015 01+00W	FG	NT	22/08/2013	10:06	soil	assay	MAP	1211	393636.4	6906319.7	8N	5	7.5YR 4/8		0 - 20	25	B	FALSE	4		
FGL015 01+25W	FG	NT	22/08/2013	10:09	soil	assay	MAP		393617.6	6906302.5	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3	ash	5
FGL015 01+50W	FG	NT	22/08/2013	10:19	soil	assay	MAP		393595.6	6906289.3	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3	rocky	
FGL015 01+75W	FG	NT	22/08/2013	10:21	soil	assay	MAP		393573.6	6906276.1	8N		7.5YR 4/8		0 - 20	25	B	FALSE	3	ash	5
FGL015 02+00W	FG	NT	22/08/2013	10:22	soil	assay	GPS	1223	393551.6	6906262.8	8N		7.5YR 2/2		0 - 20	35	B	FALSE	3	organic	
FGL015 02+25W	FG	NT	22/08/2013	10:28	soil	assay	MAP		393529.9	6906249.2	8N		7.5YR 2/2		0 - 20	25	B	FALSE	3	ash	5
FGL015 02+50W	FG	NT	22/08/2013	10:32	soil	assay	MAP		393510.6	6906232.3	8N		7.5YR 2/2		0 - 20	35	B	FALSE	3		
FGL015 02+75W	FG	NT	22/08/2013	10:35	soil	assay	MAP		393491.3	6906215.4	8N		7.5YR 2/2		0 - 20	45	B	FALSE	3	ash	5
FGL015 03+00W	FG	NT	22/08/2013	10:40	soil	assay	GPS	1230	393472	6906198.5	8N	5	7.5YR 2/2		0 - 20	45	B	FALSE	3		
FGL015 03+25W	FG	NT	22/08/2013	10:46	soil	assay	MAP		393452	6906182.4	8N		7.5YR 4/8		0 - 20	25	B	FALSE	4		
FGL015 03+50W	FG	NT	22/08/2013	10:48	soil	assay	MAP		393431	6906167.7	8N		7.5YR 3/6		0 - 20	35	B	FALSE	4		
FGL015 03+75W	FG	NT	22/08/2013	10:50	soil	assay	MAP		393410	6906153	8N		7.5YR 3/6		0 - 20	35	B	FALSE	3		
FGL015 04+00W	FG	NT	22/08/2013	10:51	soil	assay	GPS	1233	393388.9	6906138.2	8N	44	7.5YR 4/8		0 - 20	35	B	FALSE	4		
FGL015 04+25W	FG	NT	22/08/2013	11:05	soil	assay	MAP		393368.1	6906123.3	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3	ash	5
FGL015 04+50W	FG	NT	22/08/2013	11:08	soil	assay	MAP		393347.4	6906108.1	8N		7.5YR 3/6		0 - 20	35	B	FALSE	3	ash	5
FGL015 04+75W	FG	NT	22/08/2013	11:10	soil	assay	MAP		393326.7	6906093	8N		7.5YR 3/6		0 - 20	35	B	FALSE	3	ash	5
FGL015 05+00W	FG	NT	22/08/2013	11:13	soil	assay	GPS	1223	393305.9	6906077.8	8N	5	7.5YR 3/6		0 - 20	35	B	FALSE	2	ash	10
FGL015 05+25W	FG	NT	22/08/2013	11:20	soil	assay	MAP		393285.2	6906062.6	8N		7.5YR 3/6		0 - 20	35	B	FALSE	3		
FGL015 05+50W	FG	NT	22/08/2013	11:24	soil	assay	MAP		393264.6	6906047.4	8N		7.5YR 3/6		0 - 20	35	B	FALSE	3		
FGL015 05+75W	FG	NT	22/08/2013	11:28	soil	assay	MAP		393243.9	6906032.2	8N		7.5YR 3/6		0 - 20	45	B	FALSE	3	ash	5
FGL015 06+00W	FG	NT	22/08/2013	11:30	soil	assay	GPS	1221	393223.2	6906017	8N	5	7.5YR 4/8		0 - 20	35	B	FALSE	3	ash	2
FGL015 06+25W	FG	NT	22/08/2013	11:38	soil	assay	MAP		393203.3	6906000.9	8N		7.5YR 3/6		0 - 20	35	B	FALSE	3		
FGL015 06+50W	FG	NT	22/08/2013	11:40	soil	assay	MAP		393183.9	6905984.1	8N		7.5YR 4/8		0 - 20	25	B	FALSE	3		
FGL015 06+75W	FG	NT	22/08/2013	11:44	soil	assay	MAP		393164.5	6905967.3	8N		7.5YR 2/2		0 - 20	55	B	FALSE	3	rocky	
FGL015 07+00W	FG	NT	22/08/2013	11:47	soil	assay	GPS	1211	393145	6905950.5	8N	4	7.5YR 2/2		0 - 20		B	FALSE	2	organic	
FGL015 07+25W	FG	NT	22/08/2013	11:52	soil	assay	MAP		393123.8	6905936.1	8N		7.5YR 2/2		0 - 20	35	B	FALSE	3		
FGL015 07+50W	FG	NT	22/08/2013	11:54	soil	assay	MAP		393102.2	6905922.3	8N		7.5YR 3/6		0 - 20	35	B	FALSE	3	organic	
FGL015 07+75W	FG	NT	22/08/2013	11:57	soil	assay	MAP		393080.5	6905908.6	8N		7.5YR 2/2		0 - 20	45	B	FALSE	2	organic	
FGL015 08+00W	FG	NT	22/08/2013	11:58	soil	assay	GPS	1200	393058.9	6905894.8	8N	5	7.5YR 2/2		0 - 20	45	B	FALSE	3		
FGL015 08+25W	FG	NT	22/08/2013	12:06	soil	assay	MAP		393037.6	6905880.4	8N		7.5YR 2/2		0 - 20	45	B	TRUE	3	permafrost	
FGL015 08+50W	FG	NT	22/08/2013	12:09	soil	assay	MAP		393016.4	6905866	8N		7.5YR 3/6		0 - 20	45	B	FALSE	3	ash	10
FGL015 08+75W	FG	NT	22/08/2013	12:12	soil	assay	MAP		392995.2	6905851.5	8N		7.5YR 3/6		0 - 20	45	B	FALSE	3		
FGL015 09+00W	FG	NT	22/08/2013	12:13	soil	assay	GPS	1193	392974	6905837	8N	5	7.5YR 3/6		0 - 20	45	B	FALSE	3	line end	
FGL016 00+00	FG	NT	22/08/2013	13:42	soil	assay	MAP	1225	393594	6906154	8N		N 1/20		0 - 20	35	B	TRUE	2	permafrost	
FGL016 00+25W	FG	NT	22/08/2013	13:50	soil	assay	MAP		393573.1	6906140.2	8N		7.5YR 2/2		0 - 20	25	B	FALSE	3	rocky	
FGL016 00+50W	FG	NT	22/08/2013	13:52	soil	assay	MAP		393552.3	6906126.4	8N		7.5YR 3/6		0 - 20	35	B	FALSE	3	rocky	
FGL016 00+75W	FG	NT	22/08/2013	13:55	soil	assay	MAP		393531.4	6906112.5	8N		7.5YR 3/6		0 - 20	35	B	FALSE	3	rocky	
FGL016 01+00W	FG	NT	22/08/2013	13:57	soil	assay	MAP	1234	393510.6	6906098.6	8N		7.5YR 3/6		0 - 20	35	B	FALSE	3	rocky	
FGL016 01+25W	FG	NT	22/08/2013	14:03	soil	assay	MAP		393490.1	6906084.2	8N		7.5YR 3/6		0 - 20	35	B	FALSE	4	rocky	
FGL016 01+50W	FG	NT	22/08/2013	14:06	soil	assay	MAP		393469.7	6906069.8	8N		7.5YR 3/6		0 - 20	35	B	FALSE	4		
FGL016 01+75W	FG	NT	22/08/2013	14:20	soil	assay	MAP		393449.2	6906055.4	8N		7.5YR 3/6		0 - 20	35	B	FALSE	3		
FGL016 02+00W	FG	NT	22/08/2013	14:20	soil	assay	GPS	1240	393428.8	6906040.9	8N		7.5YR 3/6		0 - 20	35	B	FALSE	3		
FGL016 02+25W	FG	NT	22/08/2013	14:29	soil	assay	MAP		393408.7	6906026	8N		7.5YR 2/2		0 - 20	25	B	FALSE	3	rocky	
FGL016 02+50W	FG	NT	22/08/2013	14:29	soil	assay	MAP		393388.6	6906011	8N		7.5YR 3/6		0 - 20	35	B	FALSE	3	rocky	
FGL016 02+75W	FG	NT	22/08/2013	14:34	soil	assay	MAP		393368.6	6905996	8N		7.5YR 3/6		0 - 20	35	B	FALSE	3	rocky	

Sample Number	Project	Username	Date	Time	Type	Purpose	Location Method	Elevation (m)	Easting	Northing	UTM Zone	GPS Accuracy (m)	Primary Colour	Subordinate Colour	Slope	Depth (cm)	Soil Horizon	Permafrost	Quality	Notes	Notes 2
FGL016 03+00W	FG	NT	22/08/2013	14:35	soil	assay	MAP	1242	393348.6	6905981	8N		7.5YR 3/6		0 - 20	35	B	FALSE	3	rocky	
FGL016 03+25W	FG	NT	22/08/2013	14:41	soil	assay	MAP		393328.1	6905966.5	8N		7.5YR 3/6		0 - 20	35	B	FALSE	3	rocky	
FGL016 03+50W	FG	NT	22/08/2013	14:47	soil	assay	MAP		393307.7	6905952.1	8N		7.5YR 3/6		0 - 20	85	B	FALSE	3	rocky	
FGL016 03+75W	FG	NT	22/08/2013	14:50	soil	assay	MAP		393287.3	6905937.6	8N		7.5YR 3/6		0 - 20	65	B	FALSE	2	rocky	
FGL016 04+00W	FG	NT	22/08/2013	14:55	soil	assay	MAP	1239	393266.8	6905923.1	8N		7.5YR 3/6		0 - 20	35	B	FALSE	3	organic	
FGL016 04+25W	FG	NT	22/08/2013	15:01	soil	assay	MAP		393246.6	6905908.4	8N		7.5YR 2/2		0 - 20	35	B	FALSE	3	rocky	
FGL016 04+50W	FG	NT	22/08/2013	15:04	soil	assay	MAP		393226.4	6905893.7	8N		7.5YR 4/8	7.5YR 3/6	0 - 20	45	B	FALSE	3		
FGL016 04+75W	FG	NT	22/08/2013	15:07	soil	assay	MAP		393206.1	6905878.9	8N		7.5YR 4/8	7.5YR 3/6	0 - 20	35	B	FALSE	3		
FGL016 05+00W	FG	NT	22/08/2013	15:10	soil	assay	MAP	1232	393185.9	6905864.2	8N		7.5YR 2/2		0 - 20	35	B	FALSE	3	organic	
FGL016 05+25W	FG	CR	26/08/2013	17:14	soil	assay	MAP		393165.7	6905849.4	8N		7.5YR 3/6		0 - 20	55	B	FALSE	1	ash	10
FGL016 05+50W	FG	CR	26/08/2013	17:16	soil	assay	MAP		393145.4	6905834.7	8N		7.5YR 3/6		0 - 20	65	B	FALSE	1	ash	10
FGL016 05+75W	FG	CR	26/08/2013	17:16	soil	assay	MAP		393125.2	6905820	8N		7.5YR 3/6		0 - 20	55	B	FALSE	1	ash	10
FGL016 06+00W	FG	CR	26/08/2013	17:17	soil	assay	MAP		393104.7	6905805.6	8N		7.5YR 3/6		0 - 20	55	B	FALSE	1	ash	10
FGL016 06+25W	FG	CR	26/08/2013	17:18	soil	assay	MAP		393084	6905791.5	8N		7.5YR 2/2		0 - 20	55	B	FALSE	1	ash	10
FGL016 06+50W	FG	CR	26/08/2013	17:19	soil	assay	MAP		393063.4	6905777.3	8N		7.5YR 3/6		0 - 20	55	B	FALSE	1	ash	10
FGL016 06+75W	FG	CR	26/08/2013	17:19	soil	assay	MAP		393042.7	6905763.2	8N		7.5YR 3/6		0 - 20	65	B	FALSE	1	ash	10
FGL016 07+00W	FG	CR	26/08/2013	17:20	soil	assay	MAP		393022.4	6905748.6	8N		7.5YR 2/2		0 - 20	65	B	FALSE	1		
FGL016 07+25W	FG	CR	26/08/2013	17:21	soil	assay	MAP		393002.2	6905733.8	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL016 07+50W	FG	CR	26/08/2013	17:22	soil	assay	MAP		392982	6905719	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL017 00+00	FG	CR	23/08/2013	10:15	soil	assay	GPS	1169	393821	6906205	8N		7.5YR 2/2		0 - 20	45	B	TRUE	2	permafrost	
FGL017 00+25W	FG	CR	23/08/2013	10:21	soil	assay	MAP		393800.7	6906190.4	8N		7.5YR 2/2		0 - 20	45	B	FALSE	3	organic	
FGL017 00+50W	FG	CR	23/08/2013	10:24	soil	assay	MAP		393780.3	6906175.9	8N		7.5YR 3/6		0 - 20	45	B	FALSE	3	rocky	
FGL017 00+75W	FG	CR	23/08/2013	10:27	soil	assay	MAP		393760	6906161.3	8N		7.5YR 2/2		0 - 20	45	B	FALSE	2		
FGL017 01+00W	FG	CR	23/08/2013	10:29	soil	assay	MAP		393739.6	6906146.7	8N		7.5YR 2/2		0 - 20	35	B	FALSE	2	ash	5
FGL017 01+25W	FG	CR	23/08/2013	10:34	soil	assay	MAP		393719.3	6906132.2	8N		7.5YR 2/2		0 - 20	45	B	FALSE	2	rocky	
FGL017 01+50W	FG	CR	23/08/2013	10:37	soil	assay	MAP		393699	6906117.6	8N		7.5YR 3/6		0 - 20	45	B	FALSE	2	organic	
FGL017 01+75W	FG	CR	23/08/2013	10:40	soil	assay	MAP		393678.6	6906103	8N		7.5YR 3/6		0 - 20	55	B	FALSE	3	rocky	
FGL017 02+00W	FG	CR	23/08/2013	10:42	soil	assay	GPS	1210	393658.3	6906088.5	8N	3	7.5YR 3/6		0 - 20	45	B	TRUE	3	permafrost	
FGL017 02+25W	FG	CR	23/08/2013	10:48	soil	assay	MAP		393638.2	6906073.6	8N		7.5YR 3/6		0 - 20	45	B	FALSE	2	ash	5
FGL017 02+50W	FG	CR	23/08/2013	10:51	soil	assay	MAP		393618.1	6906058.7	8N		N 1/20		0 - 20	45	B	TRUE	2	permafrost	
FGL017 02+75W	FG	CR	23/08/2013	10:57	soil	assay	MAP		393597.9	6906043.9	8N		7.5YR 3/6		0 - 20	45	B	FALSE	2	rocky	
FGL017 03+00W	FG	CR	23/08/2013	11:00	soil	assay	MAP		393577.8	6906029	8N		7.5YR 3/6		0 - 20	45	B	FALSE	4	rocky	
FGL017 03+25W	FG	CR	23/08/2013	11:04	soil	assay	MAP		393557.7	6906014.1	8N		7.5YR 6/6		0 - 20	45	B	FALSE	3	ash	5
FGL017 03+50W	FG	CR	23/08/2013	11:09	soil	assay	MAP		393537.6	6905999.3	8N		7.5YR 3/6		0 - 20	55	B	FALSE	3	rocky	
FGL017 03+75W	FG	CR	23/08/2013	11:10	soil	assay	MAP		393517.5	6905984.4	8N		7.5YR 3/6		0 - 20	45	B	FALSE	3	rocky	
FGL017 04+00W	FG	CR	23/08/2013	11:13	soil	assay	GPS	1244	393497.3	6905969.5	8N		7.5YR 3/6		0 - 20	35	B	FALSE	3	rocky	
FGL017 04+25W	FG	CR	23/08/2013	11:16	soil	assay	MAP		393477.3	6905954.6	8N		7.5YR 3/6		0 - 20	35	B	FALSE	2	rocky	
FGL017 04+50W	FG	CR	23/08/2013	11:20	soil	assay	MAP		393457.2	6905939.6	8N		7.5YR 3/6		0 - 20	45	B	FALSE	3	rocky	
FGL017 04+75W	FG	CR	23/08/2013	11:24	soil	assay	MAP		393437.1	6905924.7	8N		7.5YR 3/6		0 - 20	45	B	FALSE	3	ash	5
FGL017 05+00W	FG	CR	23/08/2013	11:32	soil	assay	MAP		393417	6905909.8	8N		7.5YR 3/6		0 - 20	45	B	FALSE	3	rocky	
FGL017 05+25W	FG	CR	23/08/2013	11:37	soil	assay	MAP		393397	6905894.9	8N		7.5YR 6/6		0 - 20	45	B	FALSE	2	rocky	
FGL017 05+50W	FG	CR	23/08/2013	11:40	soil	assay	MAP		393376.9	6905879.9	8N		7.5YR 3/6		0 - 20	45	B	FALSE	3	rocky	
FGL017 05+75W	FG	CR	23/08/2013	11:44	soil	assay	MAP		393356.8	6905865	8N		7.5YR 3/6		0 - 20	35	B	FALSE	3	rocky	
FGL017 06+00W	FG	CR	23/08/2013	11:46	soil	assay	GPS	1259	393336.7	6905850.1	8N		7.5YR 3/6		0 - 20	45	B	FALSE	3	rocky	
FGL017 06+25W	FG	CR	23/08/2013	11:50	soil	assay	MAP		393316.4	6905835.5	8N		7.5YR 3/6		0 - 20	45	B	FALSE	3	organic	
FGL017 06+50W	FG	CR	23/08/2013	11:52	soil	assay	MAP		393296.1	6905820.9	8N		7.5YR 3/6		0 - 20	45	B	FALSE	2	rocky	
FGL017 06+75W	FG	CR	23/08/2013	11:54	soil	assay	MAP		393275.8	6905806.3	8N		7.5YR 3/6		0 - 20	45	B	FALSE	3	rocky	
FGL017 07+00W	FG	CR	23/08/2013	11:56	soil	assay	MAP		393255.4	6905791.7	8N		7.5YR 3/6		0 - 20	45	B	FALSE	2	rocky	
FGL017 07+25W	FG	CR	23/08/2013	12:01	soil	assay	MAP		393235.1	6905777.1	8N		7.5YR 4/8		0 - 20	45	B	FALSE	2	rocky	
FGL017 07+50W	FG	CR	23/08/2013	12:04	soil	assay	MAP		393214.8	6905762.6	8N		7.5YR 3/6		0 - 20	35	B	FALSE	2	rocky	
FGL017 07+75W	FG	CR	23/08/2013	12:06	soil	assay	MAP		393194.5	6905748	8N		7.5YR 3/6		0 - 20	55	B	FALSE	3	organic	
FGL017 08+00W	FG	CR	23/08/2013	12:09	soil	assay	GPS	1247	393174.1	6905733.4	8N		7.5YR 3/6		0 - 20	45	B	FALSE	3	rocky	
FGL017 08+25W	FG	CR	23/08/2013	12:14	soil	assay	MAP		393153.9	6905718.7	8N		7.5YR 3/6		0 - 20	45	B	FALSE	3	rocky	
FGL017 08+50W	FG	CR	23/08/2013	12:18	soil	assay	MAP		393133.6	6905704.1	8N		7.5YR 3/6		0 - 20	45	B	FALSE	3	rocky	
FGL017 08+75W	FG	CR	23/08/2013	12:20	soil	assay	MAP		393113.3	6905689.4	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3	rocky	
FGL017 09+00W	FG	CR	23/08/2013	12:24	soil	assay	MAP		393093	6905674.8	8N		7.5YR 3/6		0 - 20	55	B	FALSE	3	rocky	
FGL017 09+25W	FG	CR	23/08/2013	12:28	soil	assay	MAP		393072.7	6905660.1	8N		7.5YR 2/2		0 - 20	35	B	FALSE	4		
FGL017 09+50W	FG	CR	23/08/2013	12:30	soil	assay	MAP		393052.5	6905645.5	8N		7.5YR 3/6		0 - 20	45	B	FALSE	3	rocky	
FGL017 09+75W	FG	CR	23/08/2013	12:34	soil	assay	MAP		393032.2	6905630.8	8N		7.5YR 2/2		0 - 20	45	B	FALSE	4	rocky	
FGL017 10+00W	FG	CR	23/08/2013	12:37	soil	assay	GPS	1216	393011.9	6905616.2	8N		7.5YR 3/6		0 - 20	35	B	FALSE	3	rocky	
FGL017 10+25W	FG	CR	23/08/2013	12:40	soil	assay	GPS	1213	392992	6905601	8N		7.5YR 3/6		0 - 20	35	B	FALSE	3	line end	
FGL018 00+00	FG	CR	23/08/2013	13:24	soil	assay	MAP	1284	393304	6905705	8N		7.5YR 3/6		0 - 20	25	B	FALSE	4	line start	
FGL018 00+25E	FG	CR	23/08/2013	13:33	soil	assay	MAP		393323.8	6905719.8	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3	organic	
FGL018 00+25W	FG	CR	28/08/2013	13:22	soil	assay	MAP	1288	393283.5	6905690.9	8N	4	7.5YR 4/8		0 - 20	25	B	FALSE	2	organic	
FGL018 00+50E	FG	CR	23/08/2013	13:38	soil	assay	MAP		393343.7	6905734.5	8N		7.5YR 3/6		0 - 20	45		FALSE	3	rocky	
FGL018 00+50W	FG	CR	28/08/2013	13:38	soil	assay	MAP		393263.2	6905676.5	8N		7.5YR 4/8		0 - 20	25	B	FALSE	3	rocky	
FGL018 00+75E	FG	CR	23/08/2013	13:41	soil	assay	MAP		393363.5	6905749.2	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3	rocky	
FGL018 00+75W	FG	CR	28/08/2013	13:49	soil	assay	MAP		393242.9	6905662.1	8N		7.5YR 4/8		0 - 20	25	B	FALSE	2	base of cliff	
FGL018 01+00E	FG	CR	23/08/2013	13:44	soil	assay	MAP	1277	393383.3	6905764	8N		7.5YR 4/8		0 - 20	55	B	FALSE	4		
FGL018 01+00W	FG	CR	28/08/2013	13:49	soil	assay	MAP	1270	393222.6	6905647.7	8N	3	7.5YR 4/8		0 - 20	35	A	FALSE	3	rocky	
FGL018 01+25E	FG	CR	23/08/2013	13:47	soil	assay	MAP		393403.1	6905778.7	8N		7.5YR 3/6		0 - 20	55	B	FALSE	3	rocky	
FGL018 01+25W	FG	CR	28/08/2013	14:08	soil	assay	MAP		393202.6	6905632.8	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		

Sample Number	Project	Username	Date	Time	Type	Purpose	Location Method	Elevation (m)	Easting	Northing	UTM Zone	GPS Accuracy (m)	Primary Colour	Subordinate Colour	Slope	Depth (cm)	Soil Horizon	Permafrost	Quality	Notes	Notes 2
FGL018 01+50E	FG	CR	23/08/2013	13:50	soil	assay	MAP		393423	6905793.5	8N		7.5YR 3/6		0 - 20	45	B	FALSE	3	above road	
FGL018 01+50W	FG	CR	28/08/2013	14:09	soil	assay	MAP		393182.5	6905618	8N		7.5YR 4/8		0 - 20	25	B	FALSE	3	ash	10
FGL018 01+75E	FG	CR	23/08/2013	13:55	soil	assay	MAP		393442.8	6905808.2	8N		7.5YR 3/6		0 - 20	45	B	FALSE	4	below road	
FGL018 01+75W	FG	CR	28/08/2013	14:09	soil	assay	MAP		393162.5	6905603.2	8N		7.5YR 4/8	7.5YR 2/2	0 - 20	25	B	FALSE	3	rocky	
FGL018 02+00E	FG	CR	23/08/2013	13:58	soil	assay	MAP	1263	393462.6	6905823	8N		7.5YR 4/4		0 - 20	75	B	FALSE	3	organic	
FGL018 02+00W	FG	CR	28/08/2013	14:10	soil	assay	MAP	1241	393142.5	6905588.4	8N	3	7.5YR 4/8	7.5YR 2/2	0 - 20	45	B	FALSE	3		
FGL018 02+25E	FG	CR	23/08/2013	14:03	soil	assay	MAP		393482.9	6905837	8N		7.5YR 6/6		0 - 20	45	B	FALSE	3	organic	
FGL018 02+25W	FG	CR	28/08/2013	14:23	soil	assay	MAP		393122.2	6905574	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL018 02+50E	FG	CR	23/08/2013	14:06	soil	assay	MAP		393503.3	6905851	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3	rocky	
FGL018 02+50W	FG	CR	28/08/2013	14:24	soil	assay	MAP		393101.8	6905559.8	8N		7.5YR 4/8	7.5YR 2/2	0 - 20	45	B	TRUE	2	permafrost	
FGL018 02+75E	FG	CR	23/08/2013	14:10	soil	assay	MAP		393523.7	6905865	8N		7.5YR 2/2		0 - 20	55	B	FALSE	3	organic	
FGL018 02+75W	FG	CR	28/08/2013	14:24	soil	assay	MAP		393081.3	6905545.5	8N		7.5YR 4/8		0 - 20	55	B	TRUE	3	permafrost	
FGL018 03+00E	FG	CR	23/08/2013	14:12	soil	assay	MAP	1249	393544	6905879	8N		7.5YR 2/2		0 - 20	55	B	FALSE	3	rocky	
FGL018 03+00W	FG	CR	28/08/2013	14:25	soil	assay	MAP	1226	393060.9	6905531.3	8N	4	7.5YR 4/8		0 - 20	25	B	FALSE	4	rocky	
FGL018 03+25E	FG	CR	23/08/2013	14:17	soil	assay	MAP		393564	6905893.6	8N		7.5YR 3/6		0 - 20	35	B	FALSE	3		
FGL018 03+25W	FG	CR	28/08/2013	14:34	soil	assay	MAP		393040.6	6905516.9	8N		7.5YR 4/8		0 - 20	35	B	FALSE	4		
FGL018 03+50E	FG	CR	23/08/2013	14:19	soil	assay	MAP		393583.8	6905908.3	8N		7.5YR 3/6		0 - 20	45	B	FALSE	4		
FGL018 03+50W	FG	CR	28/08/2013	14:35	soil	assay	MAP		393020.3	6905502.4	8N		7.5YR 4/8		0 - 20	45	B	FALSE	4	rocky	
FGL018 03+75W	FG	CR	28/08/2013	14:36	soil	assay	MAP	1215	393000	6905488	8N		7.5YR 4/8		0 - 20	35	B	FALSE	4	ash	5
FGL018 04+00E	FG	CR	23/08/2013	14:23	soil	assay	MAP	1233	393623.5	6905937.7	8N		7.5YR 3/6		0 - 20	45	B	FALSE	3		
FGL018 04+25E	FG	CR	23/08/2013	14:27	soil	assay	MAP		393643.5	6905952.3	8N		7.5YR 2/2		0 - 20	55	B	FALSE	2	rocky	
FGL018 04+50E	FG	CR	23/08/2013	14:30	soil	assay	MAP		393663.4	6905966.8	8N		7.5YR 3/6		0 - 20	45	B	TRUE	2	permafrost	
FGL018 04+75E	FG	CR	23/08/2013	14:33	soil	assay	MAP		393683.4	6905981.4	8N		7.5YR 2/2		0 - 20	55	B	TRUE	1	permafrost	
FGL018 05+00E	FG	CR	23/08/2013	14:35	soil	assay	MAP	1215	393703.4	6905996	8N		7.5YR 2/2		0 - 20	45	B	FALSE	1	line end	
FGL018 05+25E	FG	NT	26/08/2013	15:53	soil	assay	MAP	1214	393723.3	6906010.5	8N	4	7.5YR 2/2		0 - 20	65	B	TRUE	2	permafrost	
FGL018 05+50E	FG	NT	26/08/2013	15:56	soil	assay	MAP		393743.3	6906025.1	8N		7.5YR 2/2		0 - 20	65	B	TRUE	2	permafrost	
FGL018 05+75E	FG	NT	26/08/2013	15:57	soil	assay	MAP		393763.2	6906039.6	8N		7.5YR 2/2		0 - 20	65	B	TRUE	2	permafrost	
FGL018 06+00E	FG	NT	26/08/2013	15:58	soil	assay	MAP	1195	393783.2	6906054.2	8N	4	7.5YR 2/2		0 - 20	65	B	TRUE	2	permafrost	
FGL018 06+25E	FG	NT	26/08/2013	15:59	soil	assay	MAP		393803.2	6906068.8	8N		7.5YR 2/2		0 - 20	65	B	TRUE	1	permafrost	
FGL018 06+50E	FG	NT	26/08/2013	16:00	soil	assay	MAP		393823.1	6906083.3	8N		7.5YR 3/6		0 - 20	55	B	TRUE	2	permafrost	
FGL018 06+75E	FG	NT	26/08/2013	16:01	soil	assay	MAP		393843.1	6906097.9	8N		7.5YR 4/8		0 - 20	55	B	FALSE	4		
FGL018 07+00E	FG	NT	26/08/2013	16:02	soil	assay	MAP	1178	393863.1	6906112.4	8N	4	7.5YR 4/8		0 - 20	65	B	FALSE	3	rocky	
FGL018 07+25E	FG	NT	26/08/2013	16:03	soil	assay	MAP	1175	393883	6906127	8N		7.5YR 3/6		0 - 20	65	B	FALSE	3		
FGL019 00+00	FG	AH	16/08/2013	11:17	soil	assay	GPS		389944	6908316	8N	5	7.5YR 3/6		0 - 20	25	B	FALSE	3	rocky	
FGL019 00+25N	FG	AH	16/08/2013	11:23	soil	assay	MAP		389943.3	6908340.5	8N		7.5YR 2/2		0 - 20	35	A	FALSE	3	organic	
FGL019 00+50N	FG	AH	16/08/2013	11:25	soil	assay	MAP		389942.5	6908365	8N		7.5YR 2/2		0 - 20	45	B	FALSE	3	rocky	
FGL019 00+75N	FG	AH	16/08/2013	11:26	soil	assay	MAP		389941.8	6908389.5	8N		7.5YR 2/2		0 - 20	35	B	FALSE	3	rocky	
FGL019 01+00N	FG	AH	16/08/2013	11:27	soil	assay	GPS		389941	6908414	8N	3	7.5YR 2/2		0 - 20	35	B	FALSE	4		
FGL019 01+25N	FG	AH	16/08/2013	11:29	soil	assay	MAP		389941.8	6908438.5	8N		7.5YR 2/2		0 - 20	25	B	FALSE	4		
FGL019 01+50N	FG	AH	16/08/2013	11:30	soil	assay	MAP		389942.5	6908463	8N		7.5YR 3/6		0 - 20	25		FALSE	5		
FGL019 01+75N	FG	AH	16/08/2013	11:32	soil	assay	MAP		389943.3	6908487.5	8N		7.5YR 3/6		0 - 20	35	B	FALSE	5		
FGL019 02+00N	FG	AH	16/08/2013	11:33	soil	assay	GPS		389944	6908512	8N	6	7.5YR 4/8		0 - 20	5	B	FALSE	5	line end	
FGL020 00+00	FG	AH	16/08/2013	11:36	soil	assay	GPS	1259	389995	6908515	8N	4	7.5R 3/6		0 - 20	45	B	FALSE	4	line start	
FGL020 00+25S	FG	AH	16/08/2013	11:44	soil	assay	GPS	1266	389995	6908490	8N	4			0 - 20	45	B	FALSE	1	ash	15
FGL020 00+50S	FG	AH	16/08/2013	11:48	soil	assay	GPS	1272	389996	6908465	8N	5			20 - 40	25	C	FALSE	1	rocky	
FGL020 00+75S	FG	AH	16/08/2013	11:51	soil	assay	MAP	1276	389992	6908444	8N	3			0 - 20	25	C	FALSE	2	rocky	
FGL020 01+00S	FG	AH	16/08/2013	12:01	soil	assay	GPS	1287	389998	6908420	8N	4			0 - 20	55		TRUE	2	permafrost	
FGL020 01+25S	FG	AH	16/08/2013	12:04	soil	assay	GPS	1288	389994	6908396	8N	3			0 - 20	35	C	FALSE	1	rocky	15
FGL020 01+50S	FG	AH	16/08/2013	12:08	soil	assay	GPS	1294	389999	6908370	8N	3			0 - 20	45	B	FALSE	2	rocky	2
FGL020 01+75S	FG	AH	16/08/2013	12:11	soil	assay	GPS	1294	389996	6908350	8N	3			0 - 20	15	C	FALSE	3	above road	
FGL021 00+00	FG	AH	16/08/2013	12:19	soil	assay	GPS		390047	6908318	8N	3	7.5YR 2/2		0 - 20	35	A	FALSE	2	rocky	
FGL021 00+25N	FG	AH	16/08/2013	12:23	soil	assay	MAP		390047	6908342.8	8N		7.5YR 2/2		0 - 20	25	A	FALSE	2	rocky	
FGL021 00+50N	FG	AH	16/08/2013	12:26	soil	assay	MAP		390047	6908367.5	8N		7.5YR 2/2		0 - 20	45	B	FALSE	3	rocky	
FGL021 00+75N	FG	AH	16/08/2013	12:27	soil	assay	MAP		390047	6908392.3	8N		7.5YR 3/6		0 - 20	35	B	FALSE	3		
FGL021 01+00N	FG	AH	16/08/2013	12:28	soil	assay	GPS		390046.9	6908417	8N	6	7.5YR 2/2		0 - 20	5	B	FALSE	3	rocky	
FGL021 01+25N	FG	AH	16/08/2013	12:30	soil	assay	MAP		390046.2	6908441.8	8N		7.5YR 3/6		20 - 40	25	B	FALSE	3		
FGL021 01+50N	FG	AH	16/08/2013	12:32	soil	assay	MAP		390045.5	6908466.5	8N		7.5YR 2/2		0 - 20	25	B	FALSE	3	rocky	
FGL021 01+75N	FG	AH	16/08/2013	12:33	soil	assay	MAP		390044.7	6908491.3	8N		7.5YR 2/2		0 - 20	35	A	FALSE	3	rocky	
FGL021 02+00N	FG	AH	16/08/2013	12:47	soil	assay	GPS		390044	6908516	8N	4	7.5YR 3/6		0 - 20	35	B	FALSE	3	line end	
FGL022 00+00	FG	AH	16/08/2013	13:17	soil	assay	GPS		390094	6908318	8N	6	7.5YR 3/6		0 - 20	35	B	FALSE	4	line start	
FGL022 00+25N	FG	AH	16/08/2013	13:21	soil	assay	MAP		390094.3	6908342.8	8N		7.5YR 3/6		0 - 20	15	B	FALSE	4		
FGL022 00+50N	FG	AH	16/08/2013	13:22	soil	assay	MAP		390094.5	6908367.5	8N		7.5YR 3/6		0 - 20	15	B	FALSE	4		
FGL022 00+75N	FG	AH	16/08/2013	13:23	soil	assay	MAP		390094.7	6908392.3	8N		7.5YR 3/6		0 - 20	25	B	FALSE	3		
FGL022 01+00N	FG	AH	16/08/2013	13:25	soil	assay	GPS		390095	6908417	8N	3	7.5YR 3/6		0 - 20	15	B	FALSE	4		
FGL022 01+25N	FG	AH	16/08/2013	13:27	soil	assay	MAP		390094.1	6908441.8	8N		7.5YR 3/6		0 - 20	25	B	FALSE	3	rocky	
FGL022 01+50N	FG	AH	16/08/2013	13:29	soil	assay	MAP		390093.1	6908466.5	8N		7.5YR 2/2		20 - 40	25	B	FALSE	2	rocky	
FGL022 01+75N	FG	AH	16/08/2013	13:41	soil	assay	MAP		390092	6908491.3	8N		7.5YR 3/6		20 - 40	25	B	FALSE	3	rocky	
FGL022 02+00N	FG	AH	16/08/2013	13:43	soil	assay	GPS		390091	6908516	8N	3	7.5YR 3/6		0 - 20	15	B	FALSE	4	line end	
FGL023 00+00	FG	AH	16/08/2013	13:45	soil	assay	DGPS-RAW		390143	6908516	8N	3	7.5YR 3/6		0 - 20	15	B	FALSE	4	line start	
FGL023 00+25S	FG	AH	16/08/2013	13:47	soil	assay	MAP		390143	6908490.9	8N		7.5YR 3/6		0 - 20	15	B	FALSE	4		
FGL023 00+50S	FG	AH	16/08/2013	13:48	soil	assay	MAP		390143	6908465.8	8N		7.5YR 3/6		0 - 20	25	C	FALSE	4		
FGL023 00+75S	FG	AH	16/08/2013	13:49	soil	assay	MAP		390143	6908440.6	8N		7.5YR 3/6		0 - 20	25	B	FALSE	3		

Sample Number	Project	Username	Date	Time	Type	Purpose	Location Method	Elevation (m)	Easting	Northing	UTM Zone	GPS Accuracy (m)	Primary Colour	Subordinate Colour	Slope	Depth (cm)	Soil Horizon	Permafrost	Quality	Notes	Notes 2
FGL023 01+00S	FG	AH	16/08/2013	13:50	soil	assay	lost sample		390143	6908415.5	8N	4	7.5YR 3/6		0 - 20	35	B	FALSE	5		
FGL023 01+25S	FG	AH	16/08/2013	13:52	soil	assay	MAP		390143	6908390.4	8N		7.5YR 2/2		0 - 20	35	B	FALSE	2	rocky	
FGL023 01+50S	FG	AH	16/08/2013	13:53	soil	assay	MAP		390143	6908365.3	8N		7.5YR 2/2		0 - 20	35	B	FALSE	2	organic	
FGL023 01+75S	FG	AH	16/08/2013	13:55	soil	assay	MAP		390143	6908340.1	8N		7.5YR 3/6		0 - 20	35		FALSE	3	rocky	
FGL023 02+00S	FG	AH	16/08/2013	13:57	soil	assay	GPS	1310	390143	6908315	8N	3	7.5YR 3/6		0 - 20	25	B	FALSE	3	rocky	
FGL024 00+00	FG	NT	23/08/2013	10:17	soil	assay	GPS	1182	393939	6906043	8N	5	7.5YR 4/8		0 - 20	35	B	FALSE	3	line start	
FGL024 00+25W	FG	NT	23/08/2013	10:25	soil	assay	MAP		393918.2	6906029.2	8N		7.5YR 4/8		0 - 20	25	B	FALSE	2	rocky	
FGL024 00+50W	FG	NT	23/08/2013	10:28	soil	assay	MAP		393897.4	6906015.4	8N		7.5YR 4/8		0 - 20	65	B	FALSE	3		
FGL024 00+75W	FG	NT	23/08/2013	10:31	soil	assay	MAP		393876.6	6906001.6	8N		7.5YR 2/2		0 - 20	45	B	FALSE	3		
FGL024 01+00W	FG	NT	23/08/2013	10:34	soil	assay	GPS	1206	393855.8	6905987.8	8N	5	7.5YR 6/6		0 - 20	35	B	FALSE	3		
FGL024 01+25W	FG	NT	23/08/2013	10:39	soil	assay	MAP		393836.6	6905971.9	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3	rocky	
FGL024 01+50W	FG	NT	23/08/2013	10:40	soil	assay	MAP		393817.4	6905956	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL024 01+75W	FG	NT	23/08/2013	10:47	soil	assay	MAP		393798.1	6905940	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3	rocky	
FGL024 02+00W	FG	NT	23/08/2013	10:49	soil	assay	GPS	1216	393778.9	6905924.1	8N	5	N 1/20		0 - 20	75	A	FALSE	1	organic	
FGL024 02+25W	FG	NT	23/08/2013	11:01	soil	assay	MAP		393759.6	6905908.3	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL024 02+50W	FG	NT	23/08/2013	11:04	soil	assay	MAP		393740.2	6905892.5	8N		7.5YR 2/2		0 - 20	25	B	FALSE	3	rocky	
FGL024 02+75W	FG	NT	23/08/2013	11:07	soil	assay	MAP		393720.9	6905876.8	8N		7.5YR 2/2		0 - 20	45	B	FALSE	3		
FGL024 03+00W	FG	NT	23/08/2013	11:09	soil	assay	GPS	1234	393701.5	6905861	8N	6	7.5YR 2/2		0 - 20	45	B	FALSE	3	ash	10
FGL024 03+25W	FG	NT	23/08/2013	11:31	soil	assay	MAP		393681.2	6905846.6	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL024 03+50W	FG	NT	23/08/2013	11:32	soil	assay	MAP		393660.1	6905833.2	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL024 03+75W	FG	NT	23/08/2013	11:38	soil	assay	MAP		393639	6905819.9	8N		7.5YR 4/8		0 - 20	25	B	FALSE	3		
FGL024 04+00W	FG	NT	23/08/2013	11:40	soil	assay	GPS	1155	393617.9	6905806.6	8N	5	7.5YR 2/2		0 - 20	45	B	FALSE	3		
FGL024 04+25W	FG	NT	23/08/2013	11:46	soil	assay	MAP		393597.3	6905792.5	8N		7.5YR 4/8		0 - 20	35	B	FALSE	4		
FGL024 04+50W	FG	NT	23/08/2013	11:49	soil	assay	MAP		393576.6	6905778.5	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL024 04+75W	FG	NT	23/08/2013	11:52	soil	assay	MAP		393556	6905764.4	8N		7.5YR 4/8		0 - 20	35	B	FALSE	4		
FGL024 05+00W	FG	NT	23/08/2013	11:54	soil	assay	GPS	1271	393535.4	6905750.3	8N	5	7.5YR 4/8		0 - 20	45	B	FALSE	3	rocky	
FGL024 05+25W	FG	NT	23/08/2013	12:01	soil	assay	MAP		393515.1	6905735.7	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3	5m before	
FGL024 05+50W	FG	NT	23/08/2013	13:03	soil	assay	MAP		393495	6905721	8N		7.5YR 4/8		0 - 20	55	B	FALSE	3	rocky	
FGL024 05+75W	FG	NT	23/08/2013	13:07	soil	assay	MAP		393474.8	6905706.3	8N		7.5YR 4/8	7.5YR 6/6	0 - 20	45	B	FALSE	3	ash	5
FGL024 06+00W	FG	NT	23/08/2013	13:12	soil	assay	MAP	1290	393454.6	6905691.6	8N	3	7.5YR 4/8	7.5YR 6/6	0 - 20	15	B	FALSE	3		
FGL024 06+25W	FG	NT	23/08/2013	13:19	soil	assay	MAP		393434.5	6905676.9	8N		7.5YR 4/8		0 - 20	25	B	FALSE	4		
FGL024 06+50W	FG	NT	23/08/2013	13:21	soil	assay	MAP		393414.4	6905662.1	8N		7.5YR 4/8		0 - 20	25	B	FALSE	3	rocky	
FGL024 06+75W	FG	NT	23/08/2013	13:23	soil	assay	MAP		393394.2	6905647.3	8N		7.5YR 4/8		0 - 20	25	B	FALSE	3		
FGL024 07+00W	FG	NT	23/08/2013	13:27	soil	assay	MAP	1303	393374.1	6905632.5	8N	3	7.5YR 4/8		0 - 20	35	B	FALSE	4	organic	
FGL024 07+25W	FG	NT	23/08/2013	13:33	soil	assay	MAP		393354.3	6905617.3	8N		7.5YR 4/8		0 - 20	35	B	FALSE	4		
FGL024 07+50W	FG	NT	23/08/2013	13:37	soil	assay	MAP		393334.6	6905602	8N		7.5YR 2/2		0 - 20	45	B	FALSE	3	rocky	
FGL024 07+75W	FG	NT	23/08/2013	13:39	soil	assay	MAP		393314.9	6905586.7	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL024 08+00W	FG	NT	23/08/2013	13:42	soil	assay	MAP	1290	393295.1	6905571.4	8N	4	7.5YR 4/8		0 - 20	35	B	FALSE	3	rocky	
FGL024 08+25W	FG	NT	23/08/2013	13:48	soil	assay	MAP		393274.7	6905557.1	8N		7.5YR 4/8		0 - 20	25	B	FALSE	3		
FGL024 08+50W	FG	NT	23/08/2013	13:50	soil	assay	MAP		393254.2	6905542.9	8N		7.5YR 4/8		0 - 20	25	B	FALSE	3	rocky	
FGL024 08+75W	FG	NT	23/08/2013	13:54	soil	assay	MAP		393233.7	6905528.7	8N		7.5YR 4/8		0 - 20	25	B	FALSE	3		
FGL024 09+00W	FG	NT	23/08/2013	13:56	soil	assay	MAP	1259	393213.1	6905514.5	8N	3	7.5YR 4/8		0 - 20	35	B	FALSE	4		
FGL024 09+25W	FG	NT	23/08/2013	14:01	soil	assay	MAP		393192.8	6905500	8N		7.5YR 4/8	7.5YR 2/2	0 - 20	45	B	FALSE	3	organic	
FGL024 09+50W	FG	NT	23/08/2013	14:07	soil	assay	MAP		393172.4	6905485.6	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3	rocky	
FGL024 09+75W	FG	NT	23/08/2013	14:09	soil	assay	MAP		393152.1	6905471.1	8N		7.5YR 4/8		0 - 20	35	B	TRUE	3	permafrost	
FGL024 10+00W	FG	NT	23/08/2013	14:13	soil	assay	MAP	1239	393131.7	6905456.6	8N	3	7.5YR 4/8		0 - 20	65	B	FALSE	3		
FGL024 10+25W	FG	NT	23/08/2013	14:18	soil	assay	MAP		393111.4	6905442.2	8N		7.5YR 4/8		0 - 20	35	B	TRUE	3	permafrost	
FGL024 10+50W	FG	NT	23/08/2013	14:22	soil	assay	MAP		393091	6905427.7	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3	rocky	
FGL024 10+75W	FG	NT	23/08/2013	14:25	soil	assay	MAP		393070.7	6905413.2	8N		7.5YR 4/8		0 - 20	55	B	FALSE	3	rocky	
FGL024 11+00W	FG	NT	23/08/2013	14:27	soil	assay	MAP	1221	393050.3	6905398.8	8N	3	7.5YR 4/8		0 - 20	45	B	FALSE	3		
FGL024 11+25W	FG	NT	23/08/2013	14:33	soil	assay	MAP	1220	393031	6905383	8N	3	7.5YR 4/8		0 - 20	45	B	FALSE	4		
FGL025 00+00	FG	NT	24/08/2013	14:31	soil	assay	MAP	1266	393240	6905287.2	8N	3	7.5YR 4/8		0 - 20	35		FALSE	4		
FGL025 00+25E	FG	NT	24/08/2013	10:12	soil	assay	MAP		393260.1	6905301.5	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL025 00+50E	FG	NT	24/08/2013	10:13	soil	assay	MAP		393280.2	6905315.8	8N		7.5YR 4/8		0 - 20	35	B	FALSE	4		
FGL025 00+75E	FG	NT	24/08/2013	10:16	soil	assay	MAP		393300.4	6905330	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL025 01+00E	FG	NT	24/08/2013	10:28	soil	assay	GPS	1270	393320.5	6905344.3	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL025 01+25E	FG	NT	24/08/2013	10:30	soil	assay	MAP		393340.6	6905358.6	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL025 01+50E	FG	NT	24/08/2013	10:34	soil	assay	MAP		393360.7	6905372.8	8N		7.5YR 4/8		0 - 20	25	B	FALSE	3		
FGL025 01+75E	FG	NT	24/08/2013	10:40	soil	assay	MAP		393380.9	6905387.1	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3	rocky	
FGL025 02+00E	FG	NT	24/08/2013	10:40	soil	assay	GPS	1286	393401.2	6905401	8N	5	7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL025 02+25E	FG	NT	24/08/2013	10:50	soil	assay	MAP		393421.8	6905414.6	8N		7.5YR 4/8		0 - 20	25	B	FALSE	3		
FGL025 02+50E	FG	NT	24/08/2013	10:57	soil	assay	MAP		393442.5	6905428.1	8N		7.5YR 4/8		0 - 20	25	B	FALSE	3		
FGL025 02+75E	FG	NT	24/08/2013	10:59	soil	assay	MAP		393463.1	6905441.6	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3	ash	5
FGL025 03+00E	FG	NT	24/08/2013	11:05	soil	assay	GPS	1276	393483.7	6905455.2	8N	4	7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL025 03+25E	FG	NT	24/08/2013	11:06	soil	assay	MAP		393502.8	6905470.8	8N		7.5YR 4/8		0 - 20	25	B	FALSE	3		
FGL025 03+50E	FG	NT	24/08/2013	11:13	soil	assay	MAP		393521.7	6905486.6	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3	ash	5
FGL025 03+75E	FG	NT	24/08/2013	11:14	soil	assay	MAP		393540.7	6905502.4	8N		7.5YR 4/8		0 - 20	55	B	FALSE	3	ash	5
FGL025 04+00E	FG	NT	24/08/2013	11:21	soil	assay	GPS	1263	393559.8	6905518	8N	4	7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL025 04+25E	FG	NT	24/08/2013	11:28	soil	assay	MAP		393579.6	6905532.7	8N		7.5YR 4/8		0 - 20	75	B	FALSE	3		
FGL025 04+50E	FG	NT	24/08/2013	11:28	soil	assay	MAP		393599.4	6905547.4	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3		
FGL025 04+75E	FG	NT	24/08/2013	11:31	soil	assay	MAP		393619.2	6905562.1	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3	ash	5
FGL025 05+00E	FG	NT	24/08/2013	11:34	soil	assay	GPS	1257	393639	6905576.8	8N	4	7.5YR 4/8		0 - 20	45	B	FALSE	3		

Sample Number	Project	Username	Date	Time	Type	Purpose	Location Method	Elevation (m)	Easting	Northing	UTM Zone	GPS Accuracy (m)	Primary Colour	Subordinate Colour	Slope	Depth (cm)	Soil Horizon	Permafrost	Quality	Notes	Notes 2
FGL025 05+25E	FG	NT	24/08/2013	11:45	soil	assay	MAP		393658.7	6905591.7	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3		
FGL025 05+50E	FG	NT	24/08/2013	11:45	soil	assay	MAP		393678.4	6905606.6	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL025 05+75E	FG	NT	24/08/2013	11:49	soil	assay	MAP		393698	6905621.4	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL025 06+00E	FG	NT	24/08/2013	11:54	soil	assay	GPS	1245	393717.8	6905636.2	8N	4	7.5YR 4/8		0 - 20	55	B	FALSE	4		
FGL025 06+25E	FG	NT	24/08/2013	11:56	soil	assay	MAP		393737.8	6905650.6	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3		
FGL025 06+50E	FG	NT	24/08/2013	12:00	soil	assay	MAP		393757.9	6905665	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL025 06+75E	FG	NT	24/08/2013	12:02	soil	assay	MAP		393777.9	6905679.4	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL025 07+00E	FG	NT	24/08/2013	12:10	soil	assay	GPS	1237	393797.9	6905693.9	8N	4	7.5YR 4/8		0 - 20	95	B	FALSE	3		
FGL025 07+25E	FG	NT	24/08/2013	12:13	soil	assay	MAP		393817.6	6905708.7	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL025 07+50E	FG	NT	24/08/2013	12:15	soil	assay	MAP		393837.3	6905723.5	8N		7.5YR 4/8		0 - 20	45		FALSE	3	ash	5
FGL025 07+75E	FG	NT	24/08/2013	12:22	soil	assay	MAP		393857.1	6905738.3	8N		7.5YR 2/2		0 - 20	45	B	FALSE	3		
FGL025 08+00E	FG	NT	24/08/2013	12:22	soil	assay	GPS	1216	393876.8	6905753.1	8N	5	7.5YR 4/8		0 - 20	55	B	FALSE	3		
FGL025 08+25E	FG	NT	24/08/2013	12:26	soil	assay	MAP		393896.4	6905768.1	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3		
FGL025 08+50E	FG	NT	24/08/2013	12:35	soil	assay	MAP		393916	6905783.1	8N		7.5YR 2/2		0 - 20	35	B	FALSE	3		
FGL025 08+75E	FG	NT	24/08/2013	12:36	soil	assay	MAP		393935.6	6905798.1	8N		7.5YR 4/8		0 - 20	25	B	FALSE	3		
FGL025 09+00E	FG	NT	24/08/2013	12:38	soil	assay	GPS	1200	393955.2	6905813.1	8N	4	7.5YR 4/8		0 - 20	45	B	FALSE	3		
FGL025 09+25E	FG	NT	24/08/2013	12:41	soil	assay	MAP		393975.1	6905827.6	8N		7.5YR 2/2		0 - 20	45	B	FALSE	2		
FGL025 09+50E	FG	NT	24/08/2013	12:47	soil	assay	MAP		393995	6905842.1	8N		7.5YR 4/8		0 - 20	45	B	FALSE	2	rocky	
FGL025 09+75E	FG	NT	24/08/2013	12:52	soil	assay	MAP		394015	6905856.6	8N		7.5YR 4/8		0 - 20	55	B	FALSE	3		
FGL025 10+00E	FG	NT	24/08/2013	12:53	soil	assay	GPS	1181	394035	6905871.1	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3		
FGL025 10+25E	FG	NT	24/08/2013	12:57	soil	assay	GPS	1179	394057	6905882	8N	5	7.5YR 4/8		0 - 20	45	B	FALSE	3	line end	
FGL026 00+00	FG	NT	24/08/2013	19:38	soil	assay	MAP	1266	393527.6	6905248.9	8N	4	7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL026 00+25E	FG	NT	24/08/2013	19:41	soil	assay	MAP		393547.5	6905263.7	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL026 00+50E	FG	NT	24/08/2013	19:42	soil	assay	MAP		393567.4	6905278.5	8N		7.5YR 4/8		0 - 20	75	B	FALSE	3		
FGL026 00+75E	FG	NT	24/08/2013	19:42	soil	assay	MAP		393587.3	6905293.3	8N		7.5YR 4/8		0 - 20	75	B	FALSE	3		
FGL026 01+00E	FG	NT	24/08/2013	19:43	soil	assay	MAP	1256	393607.2	6905308.1	8N	3	7.5YR 4/8		0 - 20	55	B	FALSE	3		
FGL026 01+25E	FG	NT	24/08/2013	19:45	soil	assay	MAP		393627.8	6905321.9	8N		7.5YR 4/8		0 - 20	45	B	FALSE	5		
FGL026 01+50E	FG	NT	24/08/2013	19:46	soil	assay	MAP		393648.4	6905335.7	8N		7.5YR 4/8		0 - 20	55	B	FALSE	4		
FGL026 01+75E	FG	NT	24/08/2013	19:46	soil	assay	MAP		393669	6905349.6	8N		7.5YR 4/8		0 - 20	55	B	FALSE	4		
FGL026 02+00E	FG	NT	24/08/2013	19:47	soil	assay	MAP	1243	393689.6	6905363.4	8N	3	7.5YR 4/8		0 - 20	55	B	FALSE	4		
FGL026 02+25E	FG	NT	24/08/2013	19:48	soil	assay	MAP		393709.8	6905377.7	8N		7.5YR 4/8		0 - 20	55	B	FALSE	3		
FGL026 02+50E	FG	NT	24/08/2013	19:50	soil	assay	MAP		393730	6905392.2	8N		7.5YR 4/8		0 - 20	55	B	FALSE	2	ash	5
FGL026 02+75E	FG	NT	24/08/2013	19:50	soil	assay	MAP		393750.1	6905406.6	8N		7.5YR 4/8		0 - 20	55	B	FALSE	3		
FGL026 03+00E	FG	NT	24/08/2013	19:52	soil	assay	MAP		393770.3	6905421.1	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL026 03+25E	FG	NT	24/08/2013	19:54	soil	assay	MAP		393790.4	6905435.5	8N		7.5YR 4/8		0 - 20	55	B	FALSE	3		
FGL026 03+50E	FG	NT	24/08/2013	19:54	soil	assay	MAP		393810.6	6905449.9	8N		7.5YR 4/8		0 - 20	55	B	FALSE	3		
FGL026 03+75E	FG	NT	24/08/2013	19:55	soil	assay	MAP		393830.8	6905464.4	8N		7.5YR 4/8		0 - 20	45	B	FALSE	5		
FGL026 04+00E	FG	NT	24/08/2013	19:56	soil	assay	MAP	1213	393850.9	6905478.8	8N	4	7.5YR 2/2	7.5YR 6/6	0 - 20	55	B	FALSE	1	ash	15
FGL026 04+25E	FG	NT	24/08/2013	19:58	soil	assay	MAP		393870.1	6905494.5	8N		7.5YR 4/8		0 - 20	55	B	FALSE	3		
FGL026 04+50E	FG	NT	24/08/2013	19:59	soil	assay	MAP		393889.1	6905510.5	8N		7.5YR 3/6		0 - 20	35	B	FALSE	2	ash	5
FGL026 04+75E	FG	NT	24/08/2013	20:00	soil	assay	MAP		393908.1	6905526.4	8N		7.5YR 4/8		0 - 20	45	B	FALSE	4		
FGL026 05+00E	FG	NT	24/08/2013	20:03	soil	assay	MAP	1159	393927.1	6905542.4	8N	4	7.5YR 4/8	7.5YR 6/6	0 - 20	45	B	FALSE	3	ash	5
FGL026 05+25E	FG	CR	25/08/2013	17:31	soil	assay	GPS	1186	393946.7	6905557.5	8N	3	7.5YR 2/2		0 - 20	45	B	FALSE	2	rocky	
FGL026 05+50E	FG	CR	25/08/2013	17:33	soil	assay	MAP		393966.5	6905572.6	8N		7.5YR 2/2		0 - 20	45	B	TRUE	3	permafrost	
FGL026 05+75E	FG	CR	25/08/2013	17:34	soil	assay	MAP		393986.2	6905587.6	8N		7.5YR 2/2		0 - 20	55	B	TRUE	3	permafrost	
FGL026 06+00E	FG	CR	25/08/2013	17:36	soil	assay	MAP	1175	394005.9	6905602.6	8N	3	7.5YR 2/2			55	B	FALSE	3		
FGL026 06+25E	FG	CR	25/08/2013	17:37	soil	assay	MAP		394026.1	6905617	8N		7.5YR 4/8		0 - 20	65	B	FALSE	3		
FGL026 06+50E	FG	CR	25/08/2013	17:38	soil	assay	MAP		394046.4	6905631.2	8N		7.5YR 2/2		0 - 20	65	B	TRUE	3	permafrost	
FGL026 06+75E	FG	CR	25/08/2013	17:40	soil	assay	MAP		394066.8	6905645.4	8N		7.5YR 2/2		0 - 20	65	B	FALSE	3		
FGL026 07+00E	FG	CR	25/08/2013	17:42	soil	assay	MAP	1157	394087.1	6905659.6	8N	4	7.5YR 4/8		0 - 20	75	B	FALSE	3	rocky	
FGL026 07+25E	FG	CR	25/08/2013	17:43	soil	assay	MAP		394107.3	6905674	8N		7.5YR 2/2		0 - 20	75	B	TRUE	3	permafrost	
FGL026 07+50E	FG	CR	25/08/2013	17:43	soil	assay	MAP		394127.5	6905688.3	8N		7.5YR 3/6		20 - 40	65	B	FALSE	3	rocky	
FGL026 07+75E	FG	CR	25/08/2013	17:44	soil	assay	MAP		394147.8	6905702.7	8N		7.5YR 4/8		20 - 40	65	B	FALSE	3	rocky	
FGL026 08+00E	FG	CR	25/08/2013	18:02	soil	assay	MAP	1138	394168	6905717	8N	3	7.5YR 2/2		20 - 40	55	B	TRUE	2	permafrost	
FGL027 00+00	FG	NT	25/08/2013	10:30	soil	assay	GPS	1256	393645.1	6905087.1	8N	5	7.5YR 4/8		0 - 20	35	B	FALSE	3	line start	
FGL027 00+25E	FG	NT	25/08/2013	10:37	soil	assay	MAP		393664.9	6905101.7	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL027 00+50E	FG	NT	25/08/2013	10:38	soil	assay	MAP		393684.7	6905116.2	8N		7.5YR 4/8		0 - 20	25	B	FALSE	3		
FGL027 00+75E	FG	NT	25/08/2013	10:40	soil	assay	MAP		393704.5	6905130.7	8N		7.5YR 4/8		0 - 20	25	B	FALSE	3		
FGL027 01+00E	FG	NT	25/08/2013	10:42	soil	assay	GPS	1233	393724.3	6905145.2	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL027 01+25E	FG	NT	25/08/2013	10:49	soil	assay	MAP		393744.6	6905159.1	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL027 01+50E	FG	NT	25/08/2013	10:50	soil	assay	MAP		393764.9	6905172.9	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL027 01+75E	FG	NT	25/08/2013	10:53	soil	assay	MAP		393785.2	6905186.8	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3		
FGL027 02+00E	FG	NT	25/08/2013	10:58	soil	assay	GPS	1214	393805.5	6905200.6	8N	5	7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL027 02+25E	FG	NT	25/08/2013	11:03	soil	assay	MAP		393825.4	6905215	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3		
FGL027 02+50E	FG	NT	25/08/2013	11:07	soil	assay	MAP		393845.2	6905229.5	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL027 02+75E	FG	NT	25/08/2013	11:10	soil	assay	MAP		393865	6905244	8N		N 1/20		0 - 20		A	FALSE	1		
FGL027 03+00E	FG	NT	25/08/2013	11:14	soil	assay	GPS	1198	393884.9	6905258.5	8N	4	7.5YR 4/8		0 - 20	25	B	FALSE	2		
FGL027 03+25E	FG	NT	25/08/2013	11:20	soil	assay	MAP		393904.2	6905273.6	8N		7.5YR 4/8		0 - 20	25	B	FALSE	3		
FGL027 03+50E	FG	NT	25/08/2013	11:22	soil	assay	MAP		393923.4	6905289	8N		7.5YR 4/8		0 - 20	25	B	FALSE	3		
FGL027 03+75E	FG	NT	25/08/2013	11:24	soil	assay	MAP		393942.5	6905304.3	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3		
FGL027 04+00E	FG	NT	25/08/2013	11:24	soil	assay	GPS	1180	393961.7	6905319.7	8N	4	7.5YR 4/8		0 - 20			FALSE			
FGL027 04+25E	FG	NT	25/08/2013	11:34	soil	assay	MAP		393983.3	6905331	8N		7.5YR 2/2		0 - 20	35	B	FALSE	3		

Sample Number	Project	Username	Date	Time	Type	Purpose	Location Method	Elevation (m)	Easting	Northing	UTM Zone	GPS Accuracy (m)	Primary Colour	Subordinate Colour	Slope	Depth (cm)	Soil Horizon	Permafrost	Quality	Notes	Notes 2
FGL027 04+50E	FG	NT	25/08/2013	11:44	soil	assay	MAP		394005.9	6905340.7	8N		7.5YR 4/8		0 - 20	25	B	FALSE	3	n/a	
FGL027 04+75E	FG	NT	25/08/2013	11:44	soil	assay	MAP		394028.4	6905350.3	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL027 05+00E	FG	NT	25/08/2013	11:48	soil	assay	GPS	1159	394051	6905360	8N	6	7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL028 00+00	FG	CR	24/08/2013	11:59	soil	assay	MAP	1212	394168	6905222	8N		7.5YR 2/2		0 - 20	65	B	TRUE	2	permafrost	
FGL028 00+25W	FG	CR	24/08/2013	12:08	soil	assay	MAP		394148.1	6905206.8	8N		N 1/20		0 - 20	65	B	TRUE	2	permafrost	
FGL028 00+50W	FG	CR	24/08/2013	12:12	soil	assay	MAP		394128.2	6905191.7	8N		N 1/20		0 - 20	55	B	TRUE	2	permafrost	
FGL028 00+75W	FG	CR	24/08/2013	12:14	soil	assay	MAP		394108.3	6905176.5	8N		N 1/20		0 - 20	55	B	FALSE	2		
FGL028 01+00W	FG	CR	24/08/2013	12:18	soil	assay	MAP	1228	394088.4	6905161.3	8N		N 1/20		0 - 20	55	B	FALSE	2	rocky	
FGL028 01+25W	FG	CR	24/08/2013	12:23	soil	assay	MAP		394067.9	6905147	8N		7.5YR 3/6		0 - 20	45	B	FALSE	4		
FGL028 01+50W	FG	CR	24/08/2013	12:25	soil	assay	MAP		394047.4	6905132.7	8N		7.5YR 2/2		0 - 20	55	B	FALSE	3	rocky	
FGL028 01+75W	FG	CR	24/08/2013	12:28	soil	assay	MAP		394026.8	6905118.5	8N		7.5YR 2/2		0 - 20	75	B	TRUE	3	permafrost	
FGL028 02+00W	FG	CR	24/08/2013	12:30	soil	assay	MAP	1239	394006.3	6905104.2	8N		N 1/20		0 - 20	65	B	TRUE	2	permafrost	
FGL028 02+25W	FG	CR	24/08/2013	12:36	soil	assay	MAP		393985.8	6905089.7	8N		N 1/20		0 - 20	65	B	TRUE	2	permafrost	
FGL028 02+50W	FG	CR	24/08/2013	12:39	soil	assay	MAP		393965.4	6905075.3	8N		N 1/20		0 - 20	55	B	FALSE	2	rocky	
FGL028 02+75W	FG	CR	24/08/2013	12:41	soil	assay	MAP		393945	6905060.8	8N		7.5YR 3/6		0 - 20	45	B	FALSE	3	rocky	
FGL028 03+00W	FG	CR	24/08/2013	12:46	soil	assay	MAP	1249	393924.6	6905046.4	8N		7.5YR 2/2		0 - 20	55	B	FALSE	3	rocky	
FGL028 03+25W	FG	CR	24/08/2013	12:51	soil	assay	MAP		393904.3	6905031.7	8N		N 1/20		0 - 20	45	B	FALSE	2	rocky	
FGL028 03+50W	FG	CR	24/08/2013	12:54	soil	assay	MAP		393884	6905017	8N		7.5YR 3/6		0 - 20	55	B	FALSE	3	rocky	
FGL028 03+75W	FG	CR	24/08/2013	12:58	soil	assay	MAP		393863.8	6905002.3	8N		7.5YR 2/2		0 - 20	45	B	FALSE	2	rocky	
FGL028 04+00W	FG	CR	24/08/2013	13:03	soil	assay	MAP	1264	393843.5	6904987.7	8N		7.5YR 2/2		0 - 20	75	B	FALSE	2	rocky	
FGL028 04+25W	FG	CR	24/08/2013	13:07	soil	assay	MAP		393823.2	6904973.1	8N		7.5YR 2/2		0 - 20	55	B	FALSE	3	rocky	
FGL028 04+50W	FG	CR	24/08/2013	13:10	soil	assay	MAP		393802.8	6904958.6	8N		7.5YR 2/2		0 - 20	45	B	FALSE	3		
FGL028 04+75W	FG	CR	24/08/2013	13:14	soil	assay	MAP		393782.4	6904944	8N		7.5YR 2/2		0 - 20	65	B	FALSE	3	rocky	
FGL028 05+00W	FG	CR	24/08/2013	13:18	soil	assay	MAP	1273	393762.1	6904929.5	8N		7.5YR 3/6		0 - 20	55	B	FALSE	3	line end	
FGL029 00+00	FG	CR	24/08/2013	14:08	soil	assay	GPS	1284	393882.9	6904776.3	8N		7.5YR 3/6		0 - 20	55	B	FALSE	3	rocky	
FGL029 00+25E	FG	CR	24/08/2013	14:18	soil	assay	MAP		393903.1	6904791	8N		7.5YR 3/6		0 - 20	55	B	FALSE	3	rocky	
FGL029 00+50E	FG	CR	24/08/2013	14:20	soil	assay	MAP		393923.4	6904805.7	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3	rocky	
FGL029 00+75E	FG	CR	24/08/2013	14:27	soil	assay	MAP		393943.6	6904820.4	8N		7.5YR 3/6		0 - 20	55	B	FALSE	3	below road	
FGL029 01+00E	FG	CR	24/08/2013	14:31	soil	assay	MAP		393963.8	6904835.1	8N		7.5YR 2/2		0 - 20	65	B	TRUE	2	permafrost	
FGL029 01+25E	FG	CR	24/08/2013	14:39	soil	assay	MAP		393984	6904849.8	8N		7.5YR 2/2		0 - 20	55	B	FALSE	2	rocky	
FGL029 01+50E	FG	CR	24/08/2013	14:44	soil	assay	MAP		394004.3	6904864.5	8N		7.5YR 6/6		0 - 20	75		FALSE	1	ash	10
FGL029 01+75E	FG	CR	24/08/2013	14:49	soil	assay	MAP		394024.5	6904879.2	8N		7.5YR 2/2		0 - 20	65	B	FALSE	2	rocky	
FGL029 02+00E	FG	CR	24/08/2013	14:53	soil	assay	GPS	1263	394044.7	6904893.9	8N		7.5YR 6/6		0 - 20	65	B	FALSE	2	ash	5
FGL029 02+25E	FG	CR	24/08/2013	14:57	soil	assay	MAP		394064.9	6904908.6	8N		7.5YR 2/2		0 - 20	55	B	FALSE	2	rocky	
FGL029 02+50E	FG	CR	24/08/2013	15:02	soil	assay	MAP		394085.2	6904923.3	8N		7.5YR 2/2		0 - 20	55	B	FALSE	2	rocky	
FGL029 02+75E	FG	CR	24/08/2013	15:06	soil	assay	MAP		394105.4	6904938	8N		7.5YR 2/2		0 - 20	45	B	FALSE	2	rocky	
FGL029 03+00E	FG	CR	24/08/2013	15:09	soil	assay	MAP		394125.6	6904952.7	8N		7.5YR 2/2		0 - 20	85	B	TRUE	2	permafrost	
FGL029 03+25E	FG	CR	24/08/2013	15:12	soil	assay	MAP		394145.8	6904967.4	8N		N 1/20		0 - 20	55	B	TRUE	2	permafrost	
FGL029 03+50E	FG	CR	24/08/2013	15:15	soil	assay	MAP		394166.1	6904982.1	8N		N 1/20		0 - 20	45	B	TRUE	2	permafrost	
FGL029 03+75E	FG	CR	24/08/2013	15:18	soil	assay	MAP		394186.3	6904996.8	8N		7.5YR 2/2		0 - 20	85	B	TRUE	3	permafrost	
FGL029 04+00E	FG	CR	24/08/2013	15:21	soil	assay	GPS	1238	394206.5	6905011.4	8N		7.5YR 3/6		0 - 20	75	B	FALSE	3	rocky	
FGL029 04+25E	FG	CR	24/08/2013	15:25	soil	assay	MAP		394226.7	6905026.1	8N		7.5YR 2/2		0 - 20	55	B	FALSE	2	rocky	
FGL029 04+50E	FG	CR	24/08/2013	15:28	soil	assay	MAP		394247	6905040.8	8N		7.5YR 2/2		0 - 20	55	A	FALSE	3	rocky	
FGL029 04+75E	FG	CR	24/08/2013	15:32	soil	assay	MAP		394267.2	6905055.5	8N		7.5YR 2/2		0 - 20	55	B	FALSE	2	rocky	
FGL029 05+00E	FG	CR	24/08/2013	15:35	soil	assay	GPS	1222	394287.4	6905070.2	8N		7.5YR 2/2		0 - 20	55	B	FALSE	2	line end	
FGL030 00+00	FG	CR	26/08/2013	10:08	soil	assay	GPS	1238	393088.3	6905300.6	8N	4	7.5YR 4/8		0 - 20	45	B	FALSE	3	line start	
FGL030 00+25E	FG	CR	26/08/2013	10:14	soil	assay	MAP		393108.7	6905315.2	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL030 00+50E	FG	CR	26/08/2013	10:18	soil	assay	MAP		393129.1	6905329.8	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL030 00+75E	FG	CR	26/08/2013	10:23	soil	assay	MAP		393149.5	6905344.4	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL030 01+00E	FG	CR	26/08/2013	10:25	soil	assay	GPS	1252	393169.8	6905359	8N	4	7.5YR 4/8		0 - 20	45	B	FALSE	3		
FGL030 01+25E	FG	CR	26/08/2013	10:29	soil	assay	MAP		393190.2	6905373.6	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL030 01+50E	FG	CR	26/08/2013	10:31	soil	assay	MAP		393210.6	6905388.2	8N		7.5YR 4/8		0 - 20		B	FALSE	3		
FGL030 01+75E	FG	CR	26/08/2013	10:32	soil	assay	MAP		393231	6905402.9	8N		7.5YR 4/8		0 - 20	65	B	FALSE	3		
FGL030 02+00E	FG	CR	26/08/2013	10:36	soil	assay	GPS	1267	393251.4	6905417.5	8N	5	7.5YR 3/6		0 - 20	45	B	FALSE	3		
FGL030 02+50E	FG	CR	26/08/2013	10:51	soil	assay	MAP		393292.1	6905446.7	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3	ash	5
FGL030 02+75E	FG	CR	26/08/2013	10:57	soil	assay	MAP		393312.5	6905461.3	8N		7.5YR 4/8			45	B	FALSE	3	ash	1
FGL030 03+00E	FG	CR	26/08/2013	10:58	soil	assay	GPS	1290	393332.9	6905475.9	8N	5	7.5YR 4/8		0 - 20	55	B	FALSE	3		
FGL030 03+25E	FG	CR	26/08/2013	11:04	soil	assay	MAP		393353.3	6905490.5	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3	ash	5
FGL030 03+50E	FG	CR	26/08/2013	11:07	soil	assay	MAP		393373.7	6905505.1	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL030 03+75E	FG	CR	26/08/2013	11:09	soil	assay	MAP		393394	6905519.7	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3		
FGL030 04+00E	FG	CR	26/08/2013	11:14	soil	assay	GPS	1298	393414.4	6905534.3	8N	5	7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL030 04+25E	FG	CR	26/08/2013	11:21	soil	assay	MAP		393433.7	6905550.3	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3	ash	
FGL030 04+50E	FG	CR	26/08/2013	11:26	soil	assay	MAP		393453	6905566.3	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3	ash	5
FGL030 04+75E	FG	CR	26/08/2013	11:29	soil	assay	MAP		393472.3	6905582.3	8N		7.5YR 4/8		0 - 20	55	B	FALSE	3		
FGL030 05+00E	FG	CR	26/08/2013	11:32	soil	assay	GPS	1283	393491.7	6905598.2	8N	5	7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL030 05+25E	FG	CR	26/08/2013	11:39	soil	assay	MAP		393512.3	6905612.5	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3	above road	
FGL030 05+50E	FG	CR	26/08/2013	11:43	soil	assay	MAP		393532.9	6905626.8	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3	ash	5
FGL030 05+75E	FG	CR	26/08/2013	11:46	soil	assay	MAP		393553.5	6905641.1	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3	above road	
FGL030 06+00E	FG	CR	26/08/2013	11:54	soil	assay	GPS	1264	393574	6905655.5	8N	5	7.5YR 4/8		0 - 20	45	B	FALSE	3	below road	
FGL030 06+25E	FG	CR	26/08/2013	12:01	soil	assay	MAP		393593.9	6905670.8	8N		7.5YR 4/8		0 - 20	65	B	FALSE	3		
FGL030 06+50E	FG	CR	26/08/2013	12:02	soil	assay	MAP		393613.8	6905686	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3	ash	5
FGL030 06+75E	FG	CR	26/08/2013	12:08	soil	assay	MAP		393633.8	6905701.3	8N		7.5YR 4/8		0 - 20	55	B	FALSE	3	rocky	

Sample Number	Project	Username	Date	Time	Type	Purpose	Location Method	Elevation (m)	Easting	Northing	UTM Zone	GPS Accuracy (m)	Primary Colour	Subordinate Colour	Slope	Depth (cm)	Soil Horizon	Permafrost	Quality	Notes	Notes 2
FGL030 07+00E	FG	CR	26/08/2013	12:09	soil	assay	GPS	1262	393653.7	6905716.5	8N	4	7.5YR 4/8		0 - 20	55	B	FALSE	3	rocky	
FGL030 07+25E	FG	CR	26/08/2013	12:18	soil	assay	MAP		393674.4	6905730.6	8N		7.5YR 4/8		0 - 20	55	B	FALSE	3	rocky	
FGL030 07+50E	FG	CR	26/08/2013	12:18	soil	assay	MAP		393695.2	6905744.7	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3		
FGL030 07+75E	FG	CR	26/08/2013	12:21	soil	assay	MAP	6	393715.9	6905758.8	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3		
FGL030 08+00E	FG	CR	26/08/2013	12:30	soil	assay	GPS	1248	393736.5	6905773.1	8N	5	7.5YR 2/2		0 - 20	45	B	FALSE	2		
FGL030 08+25E	FG	CR	26/08/2013	12:38	soil	assay	MAP		393756.6	6905788	8N		7.5YR 4/8		0 - 20		B	FALSE	3		
FGL030 08+50E	FG	CR	26/08/2013	12:42	soil	assay	MAP		393776.7	6905803	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL030 08+75E	FG	CR	26/08/2013	12:44	soil	assay	MAP		393796.8	6905818	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL030 09+00E	FG	CR	26/08/2013	12:45	soil	assay	GPS	1216	393817	6905832.9	8N	4	7.5YR 4/8		0 - 20	55	B	FALSE	3	ash	
FGL030 09+25E	FG	CR	26/08/2013	12:52	soil	assay	MAP		393837.1	6905847.9	8N		7.5YR 4/8		0 - 20		B	FALSE	3		
FGL030 09+50E	FG	CR	26/08/2013	12:53	soil	assay	MAP		393857.2	6905862.9	8N		7.5YR 2/2		0 - 20	35	B	FALSE	3	ash	5
FGL030 09+75E	FG	CR	26/08/2013	12:59	soil	assay	MAP		393877.3	6905877.8	8N		7.5YR 4/8		0 - 20	35	B	FALSE	2	ash	5
FGL030 10+00E	FG	CR	26/08/2013	13:07	soil	assay	MAP	1205	393897.5	6905892.7	8N	4	7.5YR 2/2		0 - 20	65	B	FALSE	3		
FGL030 10+25E	FG	CR	26/08/2013	13:10	soil	assay	MAP		393918.3	6905906.7	8N		7.5YR 4/8		0 - 20	75	B	FALSE	3	ash	5
FGL030 10+50E	FG	CR	26/08/2013	13:11	soil	assay	MAP		393939.1	6905920.8	8N		7.5YR 2/2		0 - 20	75	B	FALSE	2		
FGL030 10+75E	FG	CR	26/08/2013	13:15	soil	assay	MAP		393959.9	6905934.8	8N		7.5YR 2/2		0 - 20	25	B	FALSE	3	organic	
FGL030 11+00E	FG	CR	26/08/2013	13:16	soil	assay	GPS	1192	393980.3	6905949.3	8N	6	7.5YR 2/2		0 - 20	55	B	TRUE	3	permafrost	
FGL030 11+25E	FG	CR	26/08/2013	13:18	soil	assay	GPS	1188	393998	6905967	8N	4	7.5YR 4/8		0 - 20	45	B	FALSE	3	line end	
FGL031 00+00	FG	NT	28/08/2013	9:43	soil	assay	GPS	1257	393227.4	6905154.5	8N	4	7.5YR 4/8		0 - 20	45	B	FALSE	3	line start	
FGL031 00+25E	FG	NT	28/08/2013	9:49	soil	assay	MAP		393247.3	6905169.9	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3		
FGL031 00+50E	FG	NT	28/08/2013	9:53	soil	assay	MAP		393267.2	6905185.2	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3		
FGL031 00+75E	FG	NT	28/08/2013	9:57	soil	assay	MAP		393287.1	6905200.6	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3		
FGL031 01+00E	FG	NT	28/08/2013	10:03	soil	assay	GPS	1268	393306.9	6905215.9	8N	5	7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL031 01+25E	FG	NT	28/08/2013	10:08	soil	assay	MAP		393326.8	6905231.4	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3		
FGL031 01+50E	FG	NT	28/08/2013	10:12	soil	assay	MAP		393346.6	6905246.8	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3		
FGL031 01+75E	FG	NT	28/08/2013	10:15	soil	assay	MAP		393366.4	6905262.2	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL031 02+00E	FG	NT	28/08/2013	10:18	soil	assay	GPS	1277	393386.2	6905277.6	8N	5	7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL031 02+25E	FG	NT	28/08/2013	10:22	soil	assay	MAP		393407.2	6905291.5	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL031 02+50E	FG	NT	28/08/2013	10:26	soil	assay	MAP		393428.2	6905305.3	8N		7.5YR 3/6		0 - 20	45	B	FALSE	3		
FGL031 02+75E	FG	NT	28/08/2013	10:31	soil	assay	MAP		393449.2	6905319.1	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL031 03+00E	FG	NT	28/08/2013	10:33	soil	assay	GPS	1274	393470.2	6905332.8	8N	4	7.5YR 3/6		0 - 20	45	B	FALSE	3		
FGL031 03+25E	FG	NT	28/08/2013	10:39	soil	assay	MAP		393490.3	6905347.9	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3		
FGL031 03+50E	FG	NT	28/08/2013	10:42	soil	assay	MAP		393510.3	6905363.1	8N	5	7.5YR 3/6		0 - 20	35	B	FALSE	3		
FGL031 03+75E	FG	NT	28/08/2013	10:45	soil	assay	MAP		393530.3	6905378.3	8N		7.5YR 3/6		0 - 20	35	B	FALSE	3		
FGL031 04+00E	FG	NT	28/08/2013	10:46	soil	assay	GPS	1168	393550.3	6905393.5	8N	5	7.5YR 6/6		0 - 20	45	B	FALSE	3		
FGL031 04+25E	FG	NT	28/08/2013	10:55	soil	assay	MAP		393570.2	6905408.7	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL031 04+50E	FG	NT	28/08/2013	10:58	soil	assay	MAP		393590.2	6905424	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL031 04+75E	FG	NT	28/08/2013	10:59	soil	assay	MAP		393610.2	6905439.2	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3		
FGL031 05+00E	FG	NT	28/08/2013	11:07	soil	assay	GPS	1250	393630.1	6905454.5	8N	5	7.5YR 4/8		0 - 20	55	B	FALSE	4		
FGL031 05+25E	FG	NT	28/08/2013	11:13	soil	assay	MAP		393650.7	6905468.9	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL031 05+50E	FG	NT	28/08/2013	11:23	soil	assay	MAP		393671.5	6905483	8N		7.5YR 4/8		0 - 20	25	B	FALSE	3		
FGL031 05+75E	FG	NT	28/08/2013	11:24	soil	assay	MAP		393692.3	6905497	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL031 06+00E	FG	NT	28/08/2013	11:27	soil	assay	GPS	1245	393713.1	6905511.1	8N	4	7.5YR 4/8		0 - 20	45	B	FALSE	4		
FGL031 06+25E	FG	NT	28/08/2013	11:32	soil	assay	MAP		393733.3	6905526	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL031 06+50E	FG	NT	28/08/2013	11:36	soil	assay	MAP		393753.4	6905541.1	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3		
FGL031 06+75E	FG	NT	28/08/2013	11:39	soil	assay	MAP		393773.5	6905556.1	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3		
FGL031 07+00E	FG	NT	28/08/2013	11:42	soil	assay	GPS	1231	393793.6	6905571.2	8N	5	7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL031 07+25E	FG	NT	28/08/2013	11:46	soil	assay	MAP		393814.5	6905585.1	8N		7.5YR 4/8		0 - 20	35	B	FALSE	4		
FGL031 07+50E	FG	NT	28/08/2013	11:50	soil	assay	MAP		393835.5	6905598.9	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3		
FGL031 07+75E	FG	NT	28/08/2013	11:53	soil	assay	MAP		393856.5	6905612.6	8N		7.5YR 3/6		0 - 20	35	B	FALSE	2		
FGL031 08+00E	FG	NT	28/08/2013	11:58	soil	assay	GPS	1213	393877.5	6905626.4	8N	5	7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL031 08+25E	FG	NT	28/08/2013	12:09	soil	assay	MAP		393897.5	6905641.7	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3	ash	5
FGL031 08+50E	FG	NT	28/08/2013	12:14	soil	assay	MAP		393917.4	6905656.9	8N		7.5YR 4/8		0 - 20	55	B	FALSE	3	organic	
FGL031 08+75E	FG	NT	28/08/2013	12:17	soil	assay	MAP		393937.4	6905672.2	8N		7.5YR 4/8		0 - 20	55	B	FALSE	3		
FGL031 09+00E	FG	NT	28/08/2013	12:21	soil	assay	MAP	1195	393957.3	6905687.5	8N		7.5YR 3/6		0 - 20	35	B	FALSE	3		
FGL031 09+25E	FG	NT	28/08/2013	12:26	soil	assay	MAP		393976.9	6905703.2	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL031 09+50E	FG	NT	28/08/2013	12:29	soil	assay	MAP		393996.4	6905719	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3	ash	5
FGL031 09+75E	FG	NT	28/08/2013	12:33	soil	assay	MAP		394016	6905734.8	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL031 10+00E	FG	NT	28/08/2013	12:38	soil	assay	GPS	1177	394035.5	6905750.6	8N	5	7.5YR 3/6		0 - 20	45	B	FALSE	2	ash	5
FGL031 10+25E	FG	NT	28/08/2013	12:46	soil	assay	MAP		394056.2	6905764.8	8N		7.5YR 3/6		0 - 20	35	B	FALSE	2		
FGL031 10+50E	FG	NT	28/08/2013	12:50	soil	assay	MAP		394077	6905778.9	8N		7.5YR 3/6		0 - 20	65	B	FALSE	2		
FGL031 10+75E	FG	NT	28/08/2013	12:53	soil	assay	MAP		394097.8	6905793	8N		7.5YR 4/8		0 - 20	45	B	FALSE	4		
FGL031 11+00E	FG	NT	28/08/2013	12:56	soil	assay	GPS	1164	394118.5	6905807.2	11N	4	7.5YR 4/8		0 - 20	65	B	FALSE	3	line end	
FGL032 00+00	FG	CR	25/08/2013	10:27	soil	assay	MAP	1267	393586.3	6905168	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3		
FGL032 00+50E	FG	CR	25/08/2013	10:35	soil	assay	MAP		393626.8	6905197.5	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3	ash	5
FGL032 00+75E	FG	CR	25/08/2013	10:38	soil	assay	MAP		393647	6905212.2	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3		
FGL032 01+00E	FG	CR	25/08/2013	10:41	soil	assay	MAP	1255	393667.2	6905226.9	8N		7.5YR 4/8		0 - 20	65	B	FALSE	3		
FGL032 01+25E	FG	CR	25/08/2013	10:46	soil	assay	MAP		393687.4	6905241.6	8N		7.5YR 4/8		0 - 20	65	B	FALSE	3	rocky	
FGL032 01+50E	FG	CR	25/08/2013	10:49	soil	assay	MAP		393707.6	6905256.3	8N		7.5YR 4/8		0 - 20	45	B	FALSE	4		
FGL032 01+75E	FG	CR	25/08/2013	10:52	soil	assay	MAP		393727.8	6905271	8N		7.5YR 3/6		0 - 20	45	B	FALSE	3		
FGL032 02+00E	FG	CR	25/08/2013	10:56	soil	assay	MAP	1240	393748.1	6905285.8	8N		7.5YR 4/6		0 - 20	55	B	FALSE	4		
FGL032 02+25E	FG	CR	25/08/2013	10:59	soil	assay	MAP		393768.3	6905300.5	8N		7.5YR 2/2	7.5YR 4/8	0 - 20	45	B	FALSE	3		

Sample Number	Project	Username	Date	Time	Type	Purpose	Location Method	Elevation (m)	Easting	Northing	UTM Zone	GPS Accuracy (m)	Primary Colour	Subordinate Colour	Slope	Depth (cm)	Soil Horizon	Permafrost	Quality	Notes	Notes 2
FGL032 02+50E	FG	CR	25/08/2013	11:02	soil	assay	MAP		393788.5	6905315.2	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3	rocky	
FGL032 02+75E	FG	CR	25/08/2013	11:05	soil	assay	MAP		393808.7	6905329.9	8N		7.5YR 4/8		0 - 20	45	B	TRUE	3	permafrost	
FGL032 03+00E	FG	CR	25/08/2013	11:08	soil	assay	MAP	1221	393828.9	6905344.7	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3		
FGL032 03+25E	FG	CR	25/08/2013	11:16	soil	assay	MAP		393848.5	6905360.1	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3		
FGL032 03+50E	FG	CR	25/08/2013	11:22	soil	assay	MAP		393868.2	6905375.6	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3		
FGL032 03+75E	FG	CR	25/08/2013	11:25	soil	assay	MAP		393887.9	6905391	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3		
FGL032 04+00E	FG	CR	25/08/2013	11:29	soil	assay	MAP	1207	393907.6	6905406.4	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3	rocky	
FGL032 04+25E	FG	CR	25/08/2013	11:34	soil	assay	MAP		393928	6905420.8	8N		7.5YR 4/8		0 - 20	45	B	FALSE	2	rocky	
FGL032 04+50E	FG	CR	25/08/2013	11:37	soil	assay	MAP		393948.4	6905435.3	8N		7.5YR 2/2		0 - 20	45	B	FALSE	2		
FGL032 04+75E	FG	CR	25/08/2013	11:41	soil	assay	MAP		393968.8	6905449.7	8N		7.5YR 2/2		0 - 20	45	B	FALSE	3		
FGL032 05+00E	FG	CR	25/08/2013	11:46	soil	assay	MAP	1179	393989.2	6905464.1	8N		7.5YR 2/2		0 - 20	75	B	TRUE	2	permafrost	
FGL032 05+25E	FG	CR	25/08/2013	11:51	soil	assay	MAP		394009.6	6905478.7	8N		7.5YR 2/2		0 - 20	45	B	FALSE	3		
FGL032 05+50E	FG	CR	25/08/2013	11:54	soil	assay	MAP		394029.9	6905493.2	8N		7.5YR 4/8	7.5YR 2/2	0 - 20	55	B	TRUE	2	permafrost	
FGL032 05+75E	FG	CR	25/08/2013	11:58	soil	assay	MAP		394050.3	6905507.7	8N		7.5YR 2/2		0 - 20	45	B	FALSE	2	ash	5
FGL032 06+00E	FG	CR	25/08/2013	12:03	soil	assay	MAP	1156	394070.7	6905522.2	8N		7.5YR 2/2		0 - 20	65	B	TRUE	2	permafrost	
FGL032 06+25E	FG	CR	25/08/2013	12:09	soil	assay	MAP		394091	6905536.7	8N		7.5YR 2/2		0 - 20	45	B	FALSE	2	organic	
FGL032 06+50E	FG	CR	25/08/2013	12:13	soil	assay	MAP		394111.4	6905551.2	8N		7.5YR 2/2		0 - 20	65	B	TRUE	2	permafrost	
FGL032 06+75E	FG	CR	25/08/2013	12:17	soil	assay	MAP		394131.8	6905565.6	8N		7.5YR 4/8		0 - 20	65	B	TRUE	3	permafrost	
FGL032 07+00E	FG	CR	25/08/2013	12:26	soil	assay	MAP	1134	394152.2	6905580.1	8N		7.5YR 4/8		0 - 20	65	B	TRUE	2	permafrost	
FGL032 07+25E	FG	CR	25/08/2013	12:34	soil	assay	MAP		394172.5	6905594.7	8N		7.5YR 2/2		0 - 20	45	B	TRUE	3	permafrost	
FGL032 07+50E	FG	CR	25/08/2013	12:35	soil	assay	MAP		394192.9	6905609.2	8N		7.5YR 2/2		0 - 20	45	B	TRUE	2	permafrost	
FGL032 07+75E	FG	CR	25/08/2013	12:39	soil	assay	MAP		394213.2	6905623.7	8N		7.5YR 2/2		0 - 20	55	B	TRUE	3	permafrost	
FGL032 08+00E	FG	CR	25/08/2013	12:42	soil	assay	MAP	1114	394233.6	6905638.3	8N		7.5YR 2/2		0 - 20	55	B	TRUE	2	permafrost	
FGL033 00+00	FG	NT	25/08/2013	12:15	soil	assay	GPS	1188	394107	6905304	8N		7.5YR 4/8		0 - 20	25	B	FALSE	3		
FGL033 00+25W	FG	NT	25/08/2013	12:20	soil	assay	MAP		394086.6	6905289.6	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL033 00+50W	FG	NT	25/08/2013	12:24	soil	assay	MAP		394066.1	6905275.1	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL033 00+75W	FG	NT	25/08/2013	12:26	soil	assay	MAP		394045.6	6905260.7	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL033 01+00W	FG	NT	25/08/2013	12:34	soil	assay	GPS	1199	394025.2	6905246.2	8N	4	7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL033 01+25W	FG	NT	25/08/2013	12:41	soil	assay	MAP		394005.8	6905230.4	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL033 01+50W	FG	NT	25/08/2013	12:47	soil	assay	MAP		393986.7	6905214.2	8N		7.5YR 2/2		0 - 20	45	B	FALSE	2		
FGL033 01+75W	FG	NT	25/08/2013	12:48	soil	assay	MAP		393967.5	6905198.1	8N	4	7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL033 02+00W	FG	NT	25/08/2013	12:55	soil	assay	MAP	1209	393948.3	6905182	8N	5	7.5YR 4/8		0 - 20	25	B	FALSE	3		
FGL033 02+25W	FG	NT	25/08/2013	13:02	soil	assay	MAP		393927.9	6905167.4	8N	4	N 1/20		0 - 20	35	B	FALSE	2	organic	
FGL033 02+50W	FG	NT	25/08/2013	13:15	soil	assay	MAP		393907.4	6905153.2	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3		
FGL033 02+75W	FG	NT	25/08/2013	13:16	soil	assay	MAP		393886.8	6905138.9	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL033 03+00W	FG	NT	25/08/2013	13:20	soil	assay	GPS	1224	393866.3	6905124.6	8N	5	7.5YR 4/8		0 - 20	45	B	FALSE	3		
FGL033 03+25W	FG	NT	25/08/2013	13:22	soil	assay	MAP		393845.4	6905110.6	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL033 03+50W	FG	NT	25/08/2013	13:27	soil	assay	MAP		393824.6	6905096.7	8N		7.5YR 4/8		0 - 20	35	B	FALSE	2		
FGL033 03+75W	FG	NT	25/08/2013	13:31	soil	assay	MAP		393803.8	6905082.8	8N		7.5YR 4/8		0 - 20	55	B	FALSE	2		
FGL033 04+00W	FG	NT	25/08/2013	13:37	soil	assay	GPS	1233	393782.9	6905068.9	8N	4	7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL033 04+25W	FG	NT	25/08/2013	13:47	soil	assay	MAP		393763.3	6905053.4	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL033 04+50W	FG	NT	25/08/2013	13:53	soil	assay	MAP		393743.9	6905037.6	8N		7.5YR 4/8		0 - 20	65	B	FALSE	3	rocky	
FGL033 04+75W	FG	NT	25/08/2013	13:57	soil	assay	MAP		393724.4	6905021.8	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL033 05+00W	FG	NT	25/08/2013	14:01	soil	assay	GPS	1252	393705	6905006	8N	4	7.5YR 4/8		0 - 20	45	B	FALSE	3	line end	
FGL034 00+00	FG	NT	25/08/2013	15:10	soil	assay	GPS	1275	393821	6904845	8N		7.5YR 4/8		0 - 20	45	B	FALSE	4	line start	
FGL034 00+25E	FG	NT	25/08/2013	15:13	soil	assay	MAP		393841.3	6904859.5	8N		7.5YR 4/8		0 - 20	35	B	FALSE	3		
FGL034 00+50E	FG	NT	25/08/2013	15:16	soil	assay	MAP		393861.6	6904874.1	8N		7.5YR 4/8		0 - 20	65	B	FALSE	3		
FGL034 00+75E	FG	NT	25/08/2013	15:18	soil	assay	MAP		393881.9	6904888.6	8N		7.5YR 6/6		0 - 20	55	B	FALSE	1		
FGL034 01+00E	FG	NT	25/08/2013	15:23	soil	assay	MAP		393902.2	6904903.1	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3	rocky	
FGL034 01+25E	FG	NT	25/08/2013	15:31	soil	assay	MAP		393922.5	6904917.7	8N		7.5YR 6/6		0 - 20	45	B	FALSE	1	ash	20
FGL034 01+50E	FG	NT	25/08/2013	15:33	soil	assay	MAP		393942.8	6904932.2	8N		N 1/20		0 - 20	65	B	TRUE	1	permafrost	
FGL034 01+75E	FG	NT	25/08/2013	15:35	soil	assay	MAP		393963.1	6904946.7	8N		7.5YR 3/6		0 - 20	45	B	FALSE	3		
FGL034 02+00E	FG	NT	25/08/2013	15:38	soil	assay	GPS	1254	393983.3	6904961.2	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3		
FGL034 02+25E	FG	NT	25/08/2013	15:43	soil	assay	MAP		394003.4	6904976.1	8N		7.5YR 2/2		0 - 20	45	B	TRUE	2	permafrost	
FGL034 02+50E	FG	NT	25/08/2013	15:48	soil	assay	MAP		394023.5	6904990.9	8N		7.5YR 2/2		0 - 20	55	B	FALSE	2		
FGL034 02+75E	FG	NT	25/08/2013	15:50	soil	assay	MAP		394043.6	6905005.7	8N		N 1/20		0 - 20	65	B	FALSE	1	rocky	
FGL034 03+00E	FG	NT	25/08/2013	17:51	soil	assay	MAP	1251	394063.7	6905020.5	8N		7.5YR 2/2		0 - 20	75	B	TRUE	1	permafrost	
FGL034 03+25E	FG	NT	25/08/2013	17:52	soil	assay	MAP		394084.2	6905034.8	8N		7.5YR 2/2		0 - 20	75	B	TRUE	2	permafrost	
FGL034 03+50E	FG	NT	25/08/2013	17:53	soil	assay	MAP		394104.7	6905048.9	8N		7.5YR 2/2	N 1/20	0 - 20	75	B	FALSE	2		
FGL034 03+75E	FG	NT	25/08/2013	17:54	soil	assay	MAP		394125.3	6905063	8N		7.5YR 2/2		0 - 20	85	B	FALSE	1	rocky	
FGL034 04+00E	FG	NT	25/08/2013	17:55	soil	assay	MAP	1241	394145.9	6905077.2	8N		7.5YR 4/8		0 - 20	85	B	TRUE	2	permafrost	
FGL034 04+25E	FG	NT	25/08/2013	17:56	soil	assay	MAP		394165.8	6905092.2	8N		7.5YR 4/8		0 - 20	45	B	TRUE	3	permafrost	
FGL034 04+50E	FG	NT	25/08/2013	17:57	soil	assay	MAP		394185.5	6905107.5	8N		7.5YR 2/2	N 1/20	0 - 20	45	B	FALSE	1	ash	10
FGL034 04+75E	FG	NT	25/08/2013	17:57	soil	assay	MAP		394205.3	6905122.7	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3	rocky	
FGL034 05+00E	FG	NT	25/08/2013	17:58	soil	assay	MAP	1227	394225	6905138	8N		7.5YR 2/2		0 - 20	35	B	FALSE	2		
FGL035 00+00	FG	NT	26/08/2013	18:56	soil	assay	GPS		393645.1	6905087.1	8N		7.5YR 3/6		0 - 20	35	B	FALSE	3	line start	
FGL035 00+25E	FG	NT	26/08/2013	18:59	soil	assay	MAP		393676.4	6905097.1	8N		7.5YR 3/6		0 - 20	45	B	FALSE	3		
FGL035 00+50E	FG	NT	26/08/2013	18:59	soil	assay	MAP		393707.7	6905107	8N		7.5YR 4/8		0 - 20	45	B	FALSE	3	rocky	
FGL035 00+75E	FG	NT	26/08/2013	19:01	soil	assay	MAP		393739.1	6905117	8N		7.5YR 2/2		0 - 20	45	B	FALSE	2		
FGL035 01+00E	FG	NT	26/08/2013	19:02	soil	assay	MAP		393770.4	6905126.9	8N		7.5YR 2/2		0 - 20	45	B	TRUE	2	permafrost	
FGL035 01+25E	FG	NT	26/08/2013	19:03	soil	assay	MAP		393801.7	6905136.9	8N		7.5YR 2/2		0 - 20	45	B	FALSE	2		
FGL035 01+50E	FG	NT	26/08/2013	19:03	soil	assay	MAP		393832.8	6905147.3	8N		7.5YR 2/2		0 - 20	55	B	FALSE	2	organic	

Sample Number	Project	Username	Date	Time	Type	Purpose	Location Method	Elevation (m)	Easting	Northing	UTM Zone	GPS Accuracy (m)	Primary Colour	Subordinate Colour	Slope	Depth (cm)	Soil Horizon	Permafrost	Quality	Notes	Notes 2
FGL035 01+75E	FG	NT	26/08/2013	19:04	soil	assay	MAP		393863.7	6905158.6	8N		7.5YR 2/2		0 - 20	55	B	TRUE	2	permafrost	
FGL035 02+00E	FG	NT	26/08/2013	19:05	soil	assay	GPS		393894.5	6905169.9	8N		7.5YR 2/2		0 - 20	35	B	FALSE	3	crossed creek	
FGL035 02+25E	FG	NT	26/08/2013	19:06	soil	assay	MAP		393925.4	6905181.1	8N		N 1/20		0 - 20	45	B	FALSE	2	organic	
FGL035 02+50E	FG	NT	26/08/2013	19:07	soil	assay	MAP		393956.2	6905192.4	8N		7.5YR 2/2		0 - 20	65	B	FALSE	2	rocky	
FGL035 02+75E	FG	NT	26/08/2013	19:07	soil	assay	MAP		393987.1	6905203.7	8N		7.5YR 3/6		0 - 20	45	B	FALSE	3	rocky	
FGL035 03+00E	FG	NT	26/08/2013	19:08	soil	assay	MAP		394018	6905215	8N		7.5YR 2/2		0 - 20	55	B	TRUE	2	permafrost	
FGL035 03+25E	FG	NT	26/08/2013	19:08	soil	assay	MAP		394048.8	6905226.3	8N		7.5YR 2/2		0 - 20	45	B	FALSE	3		
FGL035 03+50E	FG	NT	26/08/2013	19:09	soil	assay	MAP		394074	6905235	8N		7.5YR 2/2		0 - 20	65	B	FALSE	2	rocky	
FGL035 03+75E	FG	NT	26/08/2013	19:09	soil	assay	MAP		394097	6905242	8N		7.5YR 2/2		0 - 20	45	B	FALSE	3	rocky	
FGL035 04+00E	FG	NT	26/08/2013	19:10	soil	assay	map		394122	6905250	8N		7.5YR 2/2		0 - 20	55	B	TRUE	2	permafrost	
FGL035 04+25E	FG	NT	26/08/2013	19:11	soil	assay	map		394144	6905257	8N		7.5YR 2/2		0 - 20	55	B	FALSE	3	line end	
MMFGD001	FG	MM	24/08/2013	9:35	soil	assay	GPS	1275	393796	6904830	8N	5	red	brown	0 - 20	90	B	TRUE	4	permafrost	
MMFGD002	FG	MM	24/08/2013	11:19	soil	assay	GPS	1175	393257	6904185	8N	4	7.5 YR 7/12		0 - 20	185	C	FALSE	4	rocky	
NTFGD001	FG	NT	19/08/2013	16:07	soil	assay	GPS		387868	6906926	8N	6	7.5YR 4/8		0 - 20	15	B	FALSE	5	above road	
NTFGD002	FG	NT	19/08/2013	16:15	soil	assay	GPS	937	387873	6906924	8N		7.5YR 4/8		0 - 20	15	B	FALSE	5	above road	
NTFGD003	FG	NT	19/08/2013	16:18	soil	assay	GPS	936	387880	6906921	8N		7.5YR 4/8		0 - 20	35	B	FALSE	5		
NTFGD004	FG	NT	19/08/2013	16:24	soil	assay	GPS	935	387866	6906926	8N	6	7.5YR 4/8		0 - 20	15	B	FALSE	5	above road	
NTFGD005	FG	NT	19/08/2013	16:26	soil	assay	GPS	936	387860	6906931	8N	4	7.5YR 4/8		0 - 20	15	B	FALSE	5	above road	
NTFGD006	FG	NT	19/08/2013	16:31	soil	assay	GPS	935	387854	6906929	8N	5	7.5YR 4/8		0 - 20	15	B	FALSE	5		
NTFGD007	FG	NT	19/08/2013	16:33	soil	assay	GPS	937	387847	6906931	8N	4	7.5YR 4/8		0 - 20	5	B	FALSE	5		
NTFGD008	FG	NT	19/08/2013	16:34	soil	assay	GPS	938	387841	6906933	8N	4	7.5YR 4/8		0 - 20	15	B	FALSE	5	above road	

Appendix V – Analytical Certificates

5.1 Rock Samples
5.2 Soil and Silt Samples

5.1 Rock Samples

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

To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 11- SEP- 2013
Account: TELOEX

CERTIFICATE VA13158890

Project:

P.O. No.: FG13- 08

This report is for 65 Rock samples submitted to our lab in Vancouver, BC, Canada on 30- AUG- 2013.

The following have access to data associated with this certificate:

JESSE CAMPBELL MIKE MCCUAIG	CHRIS GALLAGHER	GRAEME HOPKINS

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 24	Pulp Login - Rcd w/o Barcode
LOG- 22	Sample login - Rcd w/o BarCode
HOM- 01	Homogenize by light pulverizing
SCR- 51	Screening
BAG- 01	Bulk Master for Storage
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% <2mm
SPL- 21	Split sample - riffle splitter
PUL- 32m	Pulverize 500g - 85%<75um

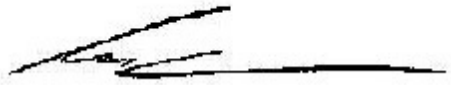
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Cu- OG46	Ore Grade Cu - Aqua Regia	VARIABLE
Au- AA23	Au 30g FA- AA finish	AAS
Au- GRA21	Au 30g FA- GRAV finish	WST- SIM
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **TERRALOGIC EXPLORATION SERVICES INC.**
ATTN: MIKE MCCUAIG
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

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

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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

To: TERRALOGIC EXPLORATION SERVICES INC.
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 11- SEP- 2013
Account: TELOEX

CERTIFICATE OF ANALYSIS VA13158890

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1
MMFGR084		2.92	0.307		<0.2	0.30	930	<10	270	0.5	<2	1.80	0.6	5	7	8
MMFGR085		3.06	3.71		0.4	0.70	2570	<10	160	1.1	<2	2.38	<0.5	12	6	33
MMFGR133		2.76	<0.005		<0.2	0.03	<2	<10	10	<0.5	2	>25.0	<0.5	<1	1	<1
MMFGR086		2.70	0.008		0.2	0.48	129	<10	120	<0.5	<2	0.16	3.7	4	31	41
MMFGR087		2.12	0.050		2.6	0.39	421	<10	540	<0.5	<2	0.16	7.8	5	16	45
MMFGR088		2.28	0.025		2.4	0.27	307	<10	210	<0.5	<2	0.09	1.2	1	33	57
MMFGR089		2.12	0.013		8.4	0.53	201	<10	430	0.6	<2	0.17	18.9	6	23	116
MMFGR090		2.34	0.022		9.4	0.38	325	<10	160	<0.5	<2	0.10	2.3	1	8	59
MMFGR091		1.78	0.658		14.6	0.25	786	<10	320	<0.5	<2	1.50	82.6	4	13	90
MMFGR134		3.00	<0.005		<0.2	0.03	<2	<10	10	<0.5	2	>25.0	<0.5	<1	1	<1
MMFGR092		1.54	0.210		18.4	0.22	925	<10	510	<0.5	<2	0.16	1.5	1	25	28
MMFGR093		2.54	0.040		2.8	0.30	180	<10	1170	<0.5	<2	1.78	18.3	5	18	30
MMFGR094		2.34	0.011		1.7	1.23	367	<10	690	1.2	<2	1.79	5.0	13	29	36
MMFGR095		3.44	0.008		0.9	0.80	233	<10	80	1.0	<2	5.83	7.3	10	18	12
MMFGR096		2.70	0.033		1.8	0.45	448	<10	540	0.5	<2	0.18	23.7	7	12	35
MMFGR097		1.78	0.050		1.6	0.39	742	<10	400	0.5	2	0.19	40.9	14	7	41
MMFGR098		2.10	0.008		1.4	0.38	183	<10	220	<0.5	<2	0.18	8.5	6	12	19
MMFGR099		2.16	0.021		2.7	0.35	743	<10	780	<0.5	<2	2.42	16.2	5	9	10
MMFGR111		1.84	0.012		1.4	0.66	303	<10	480	0.9	<2	0.38	21.1	11	6	17
MMFGR112		2.44	0.021		0.7	0.39	213	<10	310	<0.5	<2	0.14	1.1	1	5	12
MMFGR113		1.96	0.022		1.1	0.33	214	<10	960	0.5	<2	0.12	22.6	9	7	38
MMFGR114		1.88	0.012		1.1	0.43	168	<10	470	0.6	<2	2.09	25.4	13	5	19
MMFGR135		0.08	4.86		64.4	1.40	1245	<10	190	<0.5	2	1.62	<0.5	13	49	133
MMFGR136		2.54	<0.005		<0.2	0.03	<2	<10	10	<0.5	2	>25.0	<0.5	<1	1	5
MMFGR115		2.04	0.019		1.1	0.41	154	<10	140	<0.5	<2	0.20	2.3	2	4	9
MMFGR116		2.94	0.019		1.5	0.35	436	<10	240	0.7	<2	0.50	9.6	6	4	14
MMFGR117		4.16	0.019		3.0	0.23	282	<10	410	<0.5	<2	0.10	3.9	2	18	27
MMFGR118		2.74	0.024		4.4	0.28	194	<10	1000	0.6	<2	0.13	7.4	6	9	69
MMFGR119		2.80	<0.005		0.8	0.48	135	<10	360	0.7	<2	1.32	9.0	10	18	46
MMFGR120		2.12	0.019		2.8	0.36	202	<10	740	0.5	<2	0.25	11.5	7	11	65
MMFGR121		2.48	0.006		1.1	0.55	142	<10	220	0.8	<2	1.77	7.2	6	15	42
MMFGR122		2.16	<0.005		1.7	0.43	992	<10	290	0.5	<2	0.87	14.3	5	11	46
MMFGR123		1.80	<0.005		0.5	0.38	185	<10	250	<0.5	<2	0.10	4.3	2	5	13
MMFGR124		1.92	0.006		1.3	0.34	95	<10	740	0.5	<2	0.17	4.4	3	3	19
MMFGR125		2.66	0.019		1.4	0.28	158	<10	760	<0.5	<2	0.12	4.6	2	6	20
MMFGR126		2.64	<0.005		0.7	0.41	46	<10	290	0.6	<2	0.47	6.1	3	3	17
MMFGR127		2.82	0.008		3.2	0.31	121	<10	330	<0.5	<2	0.22	4.0	5	9	45
MMFGR128		2.72	<0.005		0.9	0.63	70	<10	410	0.6	<2	0.84	4.3	3	5	20
MMFGR129		2.12	0.021		0.9	0.39	323	<10	280	0.6	<2	0.18	8.6	7	6	18
MMFGR130		2.74	0.348		1.5	0.28	799	10	400	0.6	<2	0.51	19.2	9	7	15

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

ALS Canada Ltd.
2103 Dollarton Hwy
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To: TERRALOGIC EXPLORATION SERVICES INC.
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 11- SEP- 2013
Account: TELOEX

CERTIFICATE OF ANALYSIS VA13158890

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
MMFGR084		2.29	<10	<1	0.13	<10	0.66	846	2	<0.01	6	400	14	0.92	18	2
MMFGR085		3.00	<10	<1	0.28	10	0.83	550	2	0.01	11	560	27	1.74	414	4
MMFGR133		0.04	<10	<1	<0.01	<10	1.88	18	<1	<0.01	1	30	2	0.06	<2	<1
MMFGR086		2.10	<10	<1	0.11	10	0.09	268	20	0.01	41	420	5	0.01	14	3
MMFGR087		1.96	<10	<1	0.10	10	0.02	468	23	<0.01	43	540	484	0.11	31	2
MMFGR088		3.05	<10	1	0.17	20	0.02	105	30	<0.01	29	950	141	0.10	43	3
MMFGR089		5.46	<10	<1	0.26	10	0.03	3020	5	<0.01	34	1400	489	0.10	40	5
MMFGR090		2.83	<10	<1	0.27	10	0.02	120	10	<0.01	8	740	751	0.16	36	1
MMFGR091		3.19	<10	1	0.14	10	0.53	8180	16	<0.01	27	550	1990	0.52	63	1
MMFGR134		0.04	<10	<1	<0.01	<10	1.89	27	<1	<0.01	1	30	5	0.08	<2	<1
MMFGR092		2.26	<10	1	0.18	20	0.02	142	56	<0.01	11	650	1205	0.25	76	2
MMFGR093		2.88	<10	<1	0.17	10	0.09	4850	26	<0.01	46	1220	361	0.29	24	1
MMFGR094		3.67	<10	<1	0.13	20	0.13	2300	5	<0.01	44	1090	114	0.14	32	17
MMFGR095		3.85	<10	<1	0.13	10	0.20	6280	2	<0.01	32	540	147	0.10	28	6
MMFGR096		4.16	<10	<1	0.21	10	0.03	2280	11	<0.01	33	660	470	0.06	32	2
MMFGR097		5.04	<10	<1	0.16	10	0.03	11000	9	<0.01	36	810	333	0.07	38	2
MMFGR098		2.57	<10	<1	0.24	10	0.03	3100	8	<0.01	22	620	247	0.10	49	1
MMFGR099		2.91	<10	1	0.22	10	0.63	11350	7	<0.01	10	550	419	0.31	54	2
MMFGR111		3.21	<10	<1	0.25	10	0.05	5280	4	<0.01	12	850	309	0.18	56	7
MMFGR112		3.17	<10	<1	0.30	10	0.03	115	4	<0.01	2	640	111	0.43	21	1
MMFGR113		2.61	<10	<1	0.20	10	0.02	4710	5	<0.01	14	410	395	0.28	24	1
MMFGR114		3.38	<10	<1	0.23	10	0.08	6760	10	<0.01	13	550	258	0.16	27	1
MMFGR135		3.45	<10	<1	0.25	10	1.43	560	10	0.11	49	510	11	0.24	19	3
MMFGR136		0.04	<10	<1	<0.01	<10	1.77	25	<1	<0.01	5	30	5	0.06	2	<1
MMFGR115		1.62	<10	<1	0.23	10	0.03	174	3	<0.01	4	520	176	0.03	19	1
MMFGR116		1.59	<10	1	0.20	10	0.04	2800	3	<0.01	12	620	221	0.02	29	1
MMFGR117		1.82	<10	<1	0.14	10	0.02	526	24	<0.01	17	440	1115	0.07	23	2
MMFGR118		2.39	<10	1	0.17	10	0.02	1660	27	<0.01	30	590	1585	0.12	35	1
MMFGR119		2.17	<10	<1	0.13	10	0.03	1910	9	<0.01	69	580	88	0.23	21	7
MMFGR120		2.47	<10	<1	0.15	10	0.03	2430	30	<0.01	64	760	394	0.11	38	4
MMFGR121		2.08	<10	<1	0.12	10	0.19	1095	11	0.03	64	900	171	0.16	14	4
MMFGR122		1.84	<10	2	0.08	10	0.02	1015	23	<0.01	39	530	348	0.49	28	6
MMFGR123		1.12	<10	<1	0.13	<10	0.01	1100	4	<0.01	18	210	81	0.09	20	1
MMFGR124		1.06	<10	<1	0.17	<10	0.02	1390	5	<0.01	16	460	161	0.03	18	1
MMFGR125		1.35	<10	<1	0.18	<10	0.02	1190	7	<0.01	13	330	289	0.07	13	<1
MMFGR126		1.33	<10	<1	0.17	<10	0.02	1985	5	<0.01	15	600	66	0.05	15	1
MMFGR127		1.49	<10	<1	0.14	10	0.02	1120	21	<0.01	37	650	400	0.07	23	2
MMFGR128		1.70	<10	<1	0.16	10	0.14	1575	5	0.01	33	460	47	0.07	12	1
MMFGR129		2.52	<10	<1	0.22	10	0.02	2840	4	<0.01	9	710	173	0.10	15	2
MMFGR130		2.62	<10	<1	0.16	10	0.04	6790	14	<0.01	23	560	331	0.13	22	2

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

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

To: TERRALOGIC EXPLORATION SERVICES INC.
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 11- SEP- 2013
Account: TELOEX

CERTIFICATE OF ANALYSIS VA13158890

Sample Description	Method Analyte Units LOR	ME- ICP41 Sr ppm 1	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2	Cu- OG46 Cu % 0.001	SCR- 51 WT.+12.5 g 0.1	SCR- 51 WT.+2mm g 0.1	SCR- 51 WT.- 2mm g 0.1
MMFGR084		47	<20	<0.01	<10	<10	7	<10	67				
MMFGR085		93	<20	<0.01	<10	<10	12	<10	101				
MMFGR133		5160	<20	<0.01	<10	<10	1	<10	<2				
MMFGR086		13	<20	0.01	<10	<10	305	<10	599				
MMFGR087		12	<20	<0.01	<10	<10	145	<10	925				
MMFGR088		14	<20	<0.01	<10	<10	113	<10	633				
MMFGR089		18	<20	<0.01	<10	<10	30	<10	1805				
MMFGR090		11	<20	<0.01	<10	<10	14	<10	693				
MMFGR091		43	<20	<0.01	<10	<10	24	<10	5050				
MMFGR134		5250	<20	<0.01	<10	<10	1	<10	7				
MMFGR092		37	<20	<0.01	10	<10	60	<10	304				
MMFGR093		65	<20	<0.01	<10	<10	41	<10	1835				
MMFGR094		23	<20	<0.01	<10	<10	97	<10	1220				
MMFGR095		46	<20	<0.01	<10	<10	69	<10	1505				
MMFGR096		17	<20	<0.01	<10	<10	29	<10	3010				
MMFGR097		49	<20	<0.01	<10	<10	21	<10	4790				
MMFGR098		14	<20	<0.01	<10	<10	18	<10	1200				
MMFGR099		42	<20	<0.01	<10	<10	15	<10	1780				
MMFGR111		28	<20	<0.01	<10	<10	29	<10	1905				
MMFGR112		16	<20	<0.01	<10	<10	7	<10	363				
MMFGR113		19	<20	<0.01	<10	<10	7	<10	2340				
MMFGR114		23	<20	<0.01	<10	<10	12	<10	3780				
MMFGR135		119	<20	0.11	<10	<10	55	<10	61				
MMFGR136		4720	<20	<0.01	<10	<10	1	<10	10				
MMFGR115		17	<20	<0.01	<10	<10	7	<10	627				
MMFGR116		38	<20	<0.01	<10	<10	6	<10	1095				
MMFGR117		9	<20	<0.01	<10	<10	49	<10	697				
MMFGR118		21	<20	<0.01	<10	<10	29	<10	1210				
MMFGR119		28	<20	<0.01	<10	<10	78	<10	954				
MMFGR120		15	<20	<0.01	<10	<10	84	<10	1565				
MMFGR121		60	<20	0.03	<10	<10	136	<10	873				
MMFGR122		25	<20	<0.01	<10	<10	85	<10	815				
MMFGR123		10	<20	<0.01	<10	<10	6	<10	452				
MMFGR124		13	<20	<0.01	<10	<10	7	<10	593				
MMFGR125		12	<20	<0.01	<10	<10	6	<10	648				
MMFGR126		12	<20	<0.01	<10	<10	6	<10	680				
MMFGR127		11	<20	<0.01	<10	<10	49	<10	675				
MMFGR128		30	<20	<0.01	<10	<10	25	<10	614				
MMFGR129		45	<20	<0.01	<10	<10	9	<10	1575				
MMFGR130		33	<20	<0.01	<10	<10	12	<10	2120				

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

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 11- SEP- 2013
Account: TELOEX

CERTIFICATE OF ANALYSIS VA13158890

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1
MMFGR131		2.90	0.030		1.0	0.43	473	<10	380	0.8	<2	2.34	7.0	3	4	11
MMFGR132		2.74	<0.005		0.5	0.73	150	<10	260	1.0	<2	0.84	4.1	5	3	14
MMFGR137		0.08	0.549		17.3	1.13	1570	<10	50	0.7	6	3.46	2.0	104	21	>10000
MMFGR138		3.36	<0.005		<0.2	0.04	<2	<10	<10	<0.5	<2	>25.0	<0.5	<1	<1	6
AHFGR065		2.88	4.27		0.3	0.39	3210	<10	150	0.7	<2	0.73	<0.5	12	6	20
AHFGR066		6.20	3.23		0.2	0.27	3110	<10	150	0.5	<2	1.15	<0.5	7	5	11
AHFGR081		3.26	0.006		<0.2	0.02	6	<10	<10	<0.5	<2	>25.0	<0.5	<1	1	1
AHFGR067		9.56	0.375		<0.2	0.44	683	<10	380	0.5	<2	1.88	<0.5	7	10	10
AHFGR068		5.14	0.010		<0.2	0.60	76	<10	850	0.7	<2	3.20	<0.5	7	6	15
AHFGR069		7.60	0.011		<0.2	0.66	98	<10	500	0.8	<2	3.75	<0.5	8	6	25
AHFGR070		6.62	0.088		<0.2	0.49	231	<10	710	0.5	<2	0.87	<0.5	6	7	14
AHFGR071		6.98	0.232		<0.2	0.27	482	<10	450	<0.5	<2	0.35	<0.5	4	12	10
AHFGR082		0.08	4.96		69.2	1.28	1220	<10	160	<0.5	<2	1.56	<0.5	12	47	127
AHFGR083		2.60	<0.005		<0.2	0.03	4	<10	<10	<0.5	<2	>25.0	<0.5	<1	1	<1
AHFGR072		4.46	>10.0	10.90	0.5	0.33	9750	<10	750	0.6	<2	0.68	<0.5	5	6	15
AHFGR073		3.68	4.77		0.4	0.31	4680	<10	500	0.5	<2	0.69	0.5	8	9	47
AHFGR074		2.62	0.022		<0.2	0.64	377	<10	390	1.1	<2	0.48	<0.5	15	20	35
AHFGR075		2.68	0.313		<0.2	0.31	1135	<10	1040	0.5	<2	0.14	<0.5	8	11	27
AHFGR076		3.80	1.250		0.2	0.27	2460	<10	1220	0.5	<2	0.19	<0.5	7	9	17
AHFGR077		3.14	2.54		0.3	0.23	3610	<10	800	0.5	<2	0.32	<0.5	6	6	15
AHFGR078		3.22	4.53		0.4	0.27	5450	<10	820	0.6	<2	0.41	<0.5	5	8	12
AHFGR079		4.08	2.42		0.5	0.48	2460	<10	100	0.9	<2	1.98	<0.5	8	5	48
AHFGR080		3.76	0.497		<0.2	0.30	1220	<10	370	0.5	<2	3.05	<0.5	3	12	7
AHFGR084		0.08	0.582		18.5	1.28	1665	10	60	0.8	3	3.72	2.3	113	24	>10000
AHFGR085		2.66	<0.005		<0.2	0.04	4	<10	10	<0.5	<2	>25.0	<0.5	<1	<1	8

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

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

To: TERRALOGIC EXPLORATION SERVICES INC.
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 11- SEP- 2013
Account: TELOEX

CERTIFICATE OF ANALYSIS VA13158890

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
MMFGR131		2.31	<10	<1	0.20	10	0.29	7920	4	<0.01	10	720	190	0.11	47	1
MMFGR132		2.21	<10	<1	0.21	20	0.12	1345	2	0.01	10	910	55	0.05	20	2
MMFGR137		12.20	10	<1	0.18	80	0.39	877	11	0.09	94	5070	23	0.74	<2	3
MMFGR138		0.05	<10	<1	0.01	<10	1.69	25	<1	<0.01	<1	40	<2	0.09	<2	<1
AHFGR065		3.11	<10	<1	0.14	10	0.19	710	5	<0.01	8	820	29	1.59	39	4
AHFGR066		2.59	<10	<1	0.14	10	0.27	549	2	<0.01	5	440	17	1.54	32	2
AHFGR081		0.04	<10	<1	<0.01	<10	1.75	17	<1	<0.01	<1	30	<2	0.07	<2	<1
AHFGR067		2.31	<10	<1	0.09	10	0.55	527	2	<0.01	6	660	10	0.53	12	4
AHFGR068		2.31	<10	<1	0.09	10	0.94	591	2	0.01	4	1030	14	0.15	10	5
AHFGR069		3.02	<10	<1	0.10	10	1.26	774	2	0.01	6	1170	13	0.19	13	6
AHFGR070		2.26	<10	<1	0.07	10	0.25	749	3	<0.01	6	590	12	0.14	9	3
AHFGR071		1.55	<10	<1	0.07	10	0.11	583	6	<0.01	7	130	13	0.21	10	2
AHFGR082		3.25	<10	<1	0.22	10	1.33	534	10	0.09	48	500	11	0.15	16	2
AHFGR083		0.05	<10	<1	<0.01	<10	1.69	20	<1	<0.01	<1	40	<2	0.07	<2	<1
AHFGR072		2.19	<10	<1	0.17	10	0.15	774	1	<0.01	4	380	16	0.38	164	1
AHFGR073		2.05	<10	<1	0.16	10	0.20	1200	2	<0.01	10	280	17	0.63	8180	2
AHFGR074		3.48	<10	<1	0.23	50	0.07	1285	5	0.01	36	350	7	0.02	29	7
AHFGR075		1.98	<10	<1	0.14	10	0.04	1285	5	0.01	11	140	18	0.10	33	1
AHFGR076		1.95	<10	<1	0.13	10	0.04	973	5	<0.01	7	190	15	0.23	27	2
AHFGR077		1.67	<10	<1	0.12	10	0.07	537	5	<0.01	6	200	14	0.40	37	1
AHFGR078		1.82	<10	<1	0.13	10	0.09	578	3	<0.01	5	270	13	0.34	33	1
AHFGR079		2.18	<10	<1	0.19	10	0.63	431	3	0.01	10	450	33	1.02	37	3
AHFGR080		2.61	<10	<1	0.09	<10	1.12	519	2	<0.01	5	180	8	0.71	19	2
AHFGR084		14.1	10	<1	0.21	90	0.42	972	11	0.10	103	5370	22	0.81	8	3
AHFGR085		0.06	<10	<1	<0.01	<10	1.80	20	<1	<0.01	<1	40	<2	0.05	3	<1

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 11- SEP- 2013
Account: TELOEX

CERTIFICATE OF ANALYSIS VA13158890

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Cu- OG46	SCR- 51	SCR- 51	SCR- 51
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn	Cu	WT.+12.5	WT.+2mm	WT.- 2mm
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	g	g	g
	LOR	1	20	0.01	10	10	1	10	2	0.001	0.1	0.1	0.1
MMFGR131		53	<20	<0.01	<10	<10	6	<10	1085				
MMFGR132		35	<20	<0.01	<10	<10	9	<10	731				
MMFGR137		399	<20	0.09	<10	<10	482	<10	208	1.040			
MMFGR138		5520	<20	<0.01	<10	<10	1	<10	3				
AHFGR065		44	<20	<0.01	<10	<10	18	<10	91				
AHFGR066		85	<20	<0.01	<10	<10	6	<10	73				
AHFGR081		5560	<20	<0.01	<10	<10	1	<10	<2				
AHFGR067		43	<20	<0.01	<10	10	23	<10	59				
AHFGR068		93	<20	<0.01	<10	10	30	<10	52				
AHFGR069		72	<20	<0.01	<10	10	36	<10	57				
AHFGR070		49	<20	<0.01	<10	10	18	<10	52				
AHFGR071		36	<20	<0.01	<10	<10	7	<10	36				
AHFGR082		118	<20	0.10	<10	<10	50	<10	56				
AHFGR083		5530	<20	<0.01	<10	<10	1	<10	<2				
AHFGR072		87	<20	<0.01	<10	<10	8	<10	29		2540	1300.0	540.0
AHFGR073		56	<20	<0.01	<10	10	9	<10	29		3420	400.0	220.0
AHFGR074		59	20	<0.01	<10	<10	39	<10	59		1780	580.0	380.0
AHFGR075		35	<20	<0.01	<10	<10	10	<10	39		2280	240.0	180.0
AHFGR076		54	<20	<0.01	<10	<10	7	<10	39		3560	280.0	80.0
AHFGR077		51	<20	<0.01	<10	<10	6	<10	24		2920	20.0	40.0
AHFGR078		56	<20	<0.01	<10	<10	8	<10	24		2640	340.0	180.0
AHFGR079		86	<20	<0.01	<10	10	9	<10	83				
AHFGR080		52	<20	<0.01	<10	10	10	<10	35				
AHFGR084		394	<20	0.12	<10	<10	523	<10	228	1.090			
AHFGR085		4950	<20	<0.01	<10	<10	1	<10	<2				

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44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 11- SEP- 2013
Account: TELOEX

CERTIFICATE OF ANALYSIS VA13158890

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- AA23	Au- GRA21	BAG- 01	CRU- 31
CRU- QC	Cu- OG46	HOM- 01	LOG- 22
LOG- 24	ME- ICP41	ME- OG46	PUL- 32m
PUL- QC	SCR- 51	SPL- 21	WEI- 21

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44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 9- NOV- 2013
Account: TELOEX

CERTIFICATE VA13199813

Project:

P.O. No.: FG13- 011

This report is for 2 Rock samples submitted to our lab in Vancouver, BC, Canada on 5- NOV- 2013.

The following have access to data associated with this certificate:

JESSE CAMPBELL MIKE MCCUAIG	CHRIS GALLAGHER	GRAEME HOPKINS

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
BAG- 01	Bulk Master for Storage
CRU- 31	Fine crushing - 70% <2mm
SPL- 21	Split sample - riffle splitter
PUL- 32m	Pulverize 500g - 85%<75um

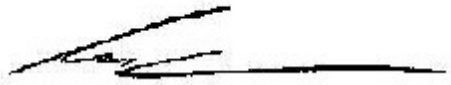
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	
ME- MS61	48 element four acid ICP- MS	
Au- AA23	Au 30g FA- AA finish	AAS

To: **TERRALOGIC EXPLORATION SERVICES INC.**
ATTN: MIKE MCCUAIG
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

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

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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

To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 9- NOV- 2013
Account: TELOEX

CERTIFICATE OF ANALYSIS VA13199813

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA23 Au ppm 0.005	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
AHFGR086		1.02	0.771	0.12	2.35	1015	310	1.54	5.83	1.48	0.40	9.74	3.3	19	14.95	6.3
AHFGR087		1.36	3.77	0.12	4.04	3220	340	1.20	0.93	5.66	0.07	11.10	3.0	5	13.10	6.2

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

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CRANBROOK BC V1C 2R7

Finalized Date: 9- NOV- 2013
Account: TELOEX

CERTIFICATE OF ANALYSIS VA13199813

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
AHFGR086		1.68	5.40	<0.05	0.1	0.014	0.61	5.1	63.8	0.58	428	2.83	0.03	1.8	6.2	270
AHFGR087		2.72	9.06	<0.05	0.1	0.018	1.53	6.2	37.2	2.32	1660	0.33	0.03	1.7	2.3	260

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Finalized Date: 9- NOV- 2013
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CERTIFICATE OF ANALYSIS VA13199813

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
AHFGR086		13.5	62.1	<0.002	0.74	91.2	2.3	1	0.7	77.0	0.10	<0.05	1.3	0.104	1.85	1.5
AHFGR087		5.9	147.5	0.003	0.52	37.2	2.1	1	0.5	97.3	0.13	<0.05	2.1	0.084	1.87	2.0

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Finalized Date: 9- NOV- 2013
Account: TELOEX

CERTIFICATE OF ANALYSIS VA13199813

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
AHFGR086		21	4.0	3.2	62	5.0
AHFGR087		13	1.7	5.8	17	3.6

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CERTIFICATE OF ANALYSIS VA13199813

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- AA23	BAG- 01	CRU- 31	LOG- 22
ME- MS61	PUL- 32m	SPL- 21	WEI- 21

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 6- SEP- 2013
Account: TELOEX

CERTIFICATE WH13150635

Project: ALSM- CW13- 042- R1- Teloex

P.O. No.: FG13- 002

This report is for 44 Rock samples submitted to our lab in Whitehorse, YT, Canada on 19- AUG- 2013.

The following have access to data associated with this certificate:

JESSE CAMPBELL MIKE MCCUAIG	CHRIS GALLAGHER	GRAEME HOPKINS

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 24	Pulp Login - Rcd w/o Barcode
LOG- 22	Sample login - Rcd w/o BarCode
BAG- 01	Bulk Master for Storage
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% <2mm
SPL- 21	Split sample - riffle splitter
PUL- 32m	Pulverize 500g - 85%<75um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Cu- OG46	Ore Grade Cu - Aqua Regia	VARIABLE
Au- AA23	Au 30g FA- AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE

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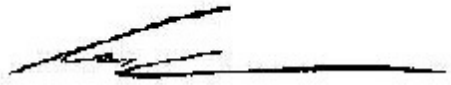
***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CRANBROOK BC V1C 2R7

Finalized Date: 6- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- Teloex

CERTIFICATE OF ANALYSIS WH13150635

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
MMFGR001		3.94	0.014	<0.2	1.09	260	<10	430	1.2	<2	0.65	0.6	18	28	55	4.01
MMFGR002		3.62	0.068	0.2	0.48	13	<10	30	<0.5	<2	0.07	9.7	2	3	1350	0.79
MMFGR003		3.06	0.914	>100	0.09	919	<10	90	<0.5	40	0.01	14.1	3	10	4300	2.88
MMFGR004		3.30	0.119	36.2	0.10	225	<10	230	<0.5	16	0.03	11.6	3	11	1010	2.49
MMFGR005		2.55	0.234	12.6	0.13	173	<10	190	<0.5	9	0.02	4.9	1	14	218	1.13
MMFGR006		2.36	<0.005	0.3	0.76	20	<10	470	0.5	3	0.12	<0.5	4	6	23	1.36
MMFGR007		1.94	0.012	0.3	0.83	45	<10	480	0.7	6	0.14	<0.5	5	7	41	1.50
MMFGR008		2.94	0.012	0.5	0.49	64	<10	220	0.7	2	0.18	<0.5	4	13	21	1.76
MMFGR009		2.64	0.031	0.6	1.06	83	<10	990	1.1	6	0.25	0.6	6	30	66	2.56
MMFGR010		2.71	0.019	0.2	0.76	27	<10	650	0.5	2	0.25	<0.5	3	11	13	1.40
MMFGR011		4.00	0.007	0.2	0.80	8	<10	310	0.5	<2	0.10	<0.5	3	4	7	1.25
MMFGR012		1.97	0.018	0.2	0.72	10	<10	450	<0.5	<2	0.10	<0.5	2	5	14	1.05
MMFGR013		2.21	0.008	0.2	0.56	5	<10	170	0.5	<2	0.16	<0.5	2	5	7	0.93
MMFGR014		3.17	<0.005	<0.2	0.58	5	<10	200	0.5	<2	0.11	<0.5	1	4	5	0.87
MMFGR015		2.60	<0.005	<0.2	0.55	3	<10	150	<0.5	<2	0.13	<0.5	1	5	6	0.88
MMFGR016		2.86	0.059	0.2	0.64	10	<10	530	0.5	<2	0.13	<0.5	2	5	5	1.21
MMFGR017		2.24	0.007	0.2	0.68	9	<10	350	0.5	<2	0.17	<0.5	3	6	6	1.30
MMFGR018		2.45	<0.005	<0.2	0.81	7	<10	170	0.5	<2	0.12	<0.5	3	4	12	1.06
MMFGR019		3.05	0.010	1.1	0.70	26	<10	340	0.6	2	0.11	4.7	3	5	131	3.05
MMFGR020		3.75	0.031	1.8	0.63	39	<10	430	<0.5	<2	0.08	11.7	3	5	120	2.73
MMFGR021		2.42	0.006	0.3	0.62	9	<10	260	0.5	<2	0.17	1.2	1	3	28	1.00
MMFGR022		2.60	0.007	3.3	0.76	19	<10	190	0.5	2	0.10	1.5	1	3	82	1.05
MMFGR023		2.73	<0.005	0.2	0.66	6	<10	170	0.6	<2	0.14	0.8	2	5	18	0.82
MMFGR024		2.64	<0.005	0.3	0.57	7	<10	200	0.5	<2	0.33	1.1	2	3	8	0.69
MMFGR025		2.74	0.005	0.4	0.59	11	<10	150	0.5	<2	0.14	0.8	1	4	12	0.86
MMFGR026		2.40	0.011	0.2	0.81	9	<10	190	0.7	<2	0.47	1.2	2	4	12	0.95
MMFGR027		1.91	0.010	<0.2	0.63	6	<10	130	0.6	<2	0.25	0.5	1	4	7	0.88
MMFGR028		2.74	0.006	<0.2	0.60	7	<10	150	0.6	<2	0.51	0.6	1	4	5	0.78
MMFGR029		2.60	0.024	0.2	0.54	9	<10	160	0.6	<2	0.56	0.7	2	3	5	0.81
MMFGR030		2.19	0.007	0.2	0.58	15	<10	170	0.5	<2	0.19	1.0	1	5	4	1.00
MMFGR031		2.44	0.011	0.2	0.46	19	<10	170	<0.5	<2	0.17	1.1	2	4	5	0.84
MMFGR032		3.68	0.006	<0.2	0.72	7	<10	140	0.5	<2	0.20	0.7	3	5	15	1.10
MMFGR033		2.55	0.009	<0.2	0.79	8	<10	160	<0.5	<2	0.29	<0.5	3	5	5	1.14
MMFGR034		0.03	0.558	17.9	1.31	1610	<10	60	0.7	19	3.83	2.4	108	23	>10000	12.90
MMFGR035		2.75	<0.005	<0.2	0.06	<2	<10	<10	<0.5	<2	>25.0	<0.5	<1	1	6	0.07
AHFGR001		1.29	0.006	<0.2	0.89	49	<10	480	0.7	<2	0.44	<0.5	13	9	17	3.08
AHFGR002		4.19	0.068	0.4	1.64	94	<10	140	0.6	22	0.29	<0.5	4	7	146	2.37
AHFGR003		3.23	0.049	0.5	0.78	51	<10	100	0.5	31	0.34	0.8	5	5	223	1.83
AHFGR004		3.23	0.064	0.5	1.43	62	<10	80	0.8	3	0.39	0.6	10	7	321	2.33
AHFGR005		1.89	0.784	0.3	0.76	84	<10	120	<0.5	5	0.48	0.6	7	8	156	1.85

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 6- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- Teloex

CERTIFICATE OF ANALYSIS WH13150635

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
MMFGR001		<10	<1	0.46	30	0.39	890	7	0.01	37	350	17	0.09	16	5	31
MMFGR002		<10	<1	0.21	10	0.02	1395	<1	<0.01	1	130	10	0.18	3	1	6
MMFGR003		<10	<1	0.07	<10	0.01	837	26	<0.01	3	20	2970	2.38	2330	<1	4
MMFGR004		<10	<1	0.08	10	0.02	5590	6	<0.01	2	60	1015	0.33	669	<1	20
MMFGR005		<10	<1	0.10	<10	0.01	1270	8	<0.01	1	30	1335	0.34	192	<1	4
MMFGR006		<10	<1	0.19	10	0.08	537	2	0.01	5	350	21	0.15	11	2	19
MMFGR007		<10	<1	0.22	10	0.09	610	15	0.01	9	380	18	0.07	19	2	18
MMFGR008		<10	<1	0.16	10	0.07	609	2	0.01	11	650	27	0.03	17	4	17
MMFGR009		<10	<1	0.32	10	0.08	1935	5	0.01	27	910	28	0.09	33	6	35
MMFGR010		<10	<1	0.22	10	0.16	416	3	0.06	4	450	12	0.06	6	2	32
MMFGR011		<10	<1	0.24	10	0.07	657	1	0.01	3	320	14	0.01	4	2	18
MMFGR012		<10	<1	0.23	10	0.05	394	1	0.01	2	290	11	0.02	6	1	16
MMFGR013		<10	<1	0.21	10	0.09	485	<1	0.03	3	200	9	<0.01	<2	1	14
MMFGR014		<10	<1	0.27	10	0.06	597	<1	0.02	2	180	8	<0.01	<2	1	12
MMFGR015		<10	<1	0.22	10	0.09	281	<1	0.04	2	140	8	0.01	<2	1	13
MMFGR016		<10	<1	0.25	10	0.09	459	<1	0.04	2	250	9	0.04	<2	1	19
MMFGR017		<10	<1	0.25	20	0.10	377	<1	0.04	3	270	9	0.04	2	1	19
MMFGR018		<10	<1	0.26	10	0.06	698	<1	<0.01	2	290	12	<0.01	3	2	16
MMFGR019		<10	<1	0.34	20	0.06	6510	3	0.01	4	270	95	0.01	26	1	28
MMFGR020		<10	<1	0.36	10	0.04	4520	4	<0.01	3	190	302	0.16	31	1	19
MMFGR021		<10	<1	0.29	20	0.03	1105	2	<0.01	2	230	32	<0.01	10	1	13
MMFGR022		<10	<1	0.29	20	0.03	1000	4	0.02	6	240	61	0.02	44	1	12
MMFGR023		<10	<1	0.24	20	0.05	609	3	0.02	4	230	17	<0.01	5	1	11
MMFGR024		<10	<1	0.29	10	0.03	1030	2	0.02	2	150	33	0.03	2	1	12
MMFGR025		<10	<1	0.24	10	0.06	697	2	0.04	3	150	36	0.01	5	1	11
MMFGR026		<10	<1	0.30	10	0.06	850	2	0.04	4	160	20	0.03	2	1	16
MMFGR027		<10	<1	0.23	10	0.10	482	1	0.06	2	180	12	0.02	3	1	11
MMFGR028		<10	<1	0.24	10	0.04	754	2	0.05	2	160	17	0.02	<2	1	15
MMFGR029		<10	<1	0.21	10	0.03	930	2	0.03	3	160	21	0.01	3	1	15
MMFGR030		<10	<1	0.30	10	0.03	1215	2	0.03	2	140	29	0.01	2	1	9
MMFGR031		<10	<1	0.26	10	0.02	1455	2	0.02	2	140	39	0.01	2	1	9
MMFGR032		<10	<1	0.26	10	0.09	1030	2	0.05	3	190	20	0.01	5	1	12
MMFGR033		<10	<1	0.21	10	0.17	601	2	0.04	3	340	13	0.01	4	1	24
MMFGR034		10	<1	0.20	90	0.41	945	14	0.12	93	5290	22	0.78	4	3	397
MMFGR035		<10	<1	<0.01	<10	1.69	28	1	0.03	<1	30	<2	0.06	<2	<1	4740
AHFGR001		<10	<1	0.21	20	0.08	709	6	0.04	13	700	17	0.09	9	7	40
AHFGR002		<10	<1	0.22	30	0.24	141	8	0.03	3	510	15	0.02	7	2	20
AHFGR003		<10	<1	0.16	30	0.16	121	6	0.03	2	520	27	0.30	7	2	21
AHFGR004		<10	<1	0.20	30	0.44	180	2	0.04	4	510	12	0.67	9	2	26
AHFGR005		<10	<1	0.21	30	0.39	103	2	0.08	4	500	7	0.49	3	2	29

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Account: TELOEX

Project: ALSM- CW13- 042- R1- Teloex

CERTIFICATE OF ANALYSIS WH13150635

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Cu- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Cu
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	1	0.001
MMFGR001		<20	0.01	<10	<10	36	<10	218		
MMFGR002		20	<0.01	<10	<10	2	<10	220		
MMFGR003		<20	<0.01	<10	10	1	<10	756	128	
MMFGR004		<20	<0.01	<10	10	2	<10	444		
MMFGR005		<20	<0.01	<10	<10	1	<10	324		
MMFGR006		20	0.01	<10	<10	12	<10	34		
MMFGR007		20	<0.01	<10	<10	11	<10	49		
MMFGR008		20	<0.01	<10	<10	18	<10	46		
MMFGR009		20	<0.01	<10	<10	30	<10	108		
MMFGR010		20	0.02	<10	<10	21	<10	24		
MMFGR011		20	<0.01	<10	<10	9	<10	23		
MMFGR012		20	0.01	<10	<10	11	<10	12		
MMFGR013		30	<0.01	<10	<10	7	<10	12		
MMFGR014		20	<0.01	<10	<10	4	<10	11		
MMFGR015		20	<0.01	<10	<10	6	<10	9		
MMFGR016		20	<0.01	<10	<10	8	<10	20		
MMFGR017		20	0.01	<10	<10	10	<10	28		
MMFGR018		20	<0.01	<10	<10	9	<10	61		
MMFGR019		20	<0.01	<10	<10	7	<10	387		
MMFGR020		<20	<0.01	<10	<10	4	<10	964		
MMFGR021		20	<0.01	<10	<10	4	<10	90		
MMFGR022		20	<0.01	<10	<10	5	<10	87		
MMFGR023		20	<0.01	<10	<10	7	<10	46		
MMFGR024		20	<0.01	<10	<10	2	<10	83		
MMFGR025		30	<0.01	<10	<10	4	<10	80		
MMFGR026		20	<0.01	<10	<10	4	<10	83		
MMFGR027		20	<0.01	<10	<10	5	<10	33		
MMFGR028		20	<0.01	<10	<10	4	<10	48		
MMFGR029		20	<0.01	<10	<10	3	<10	76		
MMFGR030		20	<0.01	<10	<10	2	<10	116		
MMFGR031		20	<0.01	<10	<10	2	<10	126		
MMFGR032		20	<0.01	<10	<10	6	<10	70		
MMFGR033		20	0.01	<10	<10	14	<10	39		
MMFGR034		<20	0.11	<10	<10	502	<10	222		1.070
MMFGR035		<20	<0.01	<10	<10	1	<10	3		
AHFGR001		20	<0.01	<10	<10	28	<10	63		
AHFGR002		20	<0.01	<10	<10	17	<10	36		
AHFGR003		20	<0.01	<10	<10	11	<10	54		
AHFGR004		20	<0.01	<10	<10	18	<10	49		
AHFGR005		20	0.01	<10	<10	23	<10	23		

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

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

To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 6- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- Teloex

CERTIFICATE OF ANALYSIS WH13150635

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
AHFGR006		1.88	0.094	0.9	0.61	39	<10	160	<0.5	186	0.39	1.2	2	5	191	1.20
CRFGR001		2.93	0.045	0.5	0.39	243	<10	160	<0.5	<2	0.02	0.6	2	12	10	0.95
CRFGR002		2.43	1.720	13.7	0.20	>10000	<10	2600	<0.5	12	0.12	5.6	3	19	41	2.46
CRFGR003		1.43	<0.005	<0.2	1.14	24	<10	80	<0.5	<2	0.52	<0.5	7	12	7	1.57

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

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 6- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- Teloex

CERTIFICATE OF ANALYSIS WH13150635

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
AHFGR006		<10	<1	0.27	10	0.12	153	5	0.03	2	420	44	0.13	4	1	24
CRFGR001		<10	<1	0.24	10	0.02	115	4	0.02	4	210	95	0.08	11	1	11
CRFGR002		<10	<1	0.09	<10	0.01	298	4	0.02	13	730	1340	0.11	186	1	31
CRFGR003		<10	<1	0.35	10	0.63	238	2	0.11	6	400	8	<0.01	3	2	48

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

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

To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 6- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- Teloex

CERTIFICATE OF ANALYSIS WH13150635

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OG46	Cu- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Cu
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	1	0.001
AHFGR006		<20	<0.01	<10	<10	5	<10	45		
CRFGR001		<20	<0.01	<10	<10	12	<10	76		
CRFGR002		<20	<0.01	<10	<10	36	<10	241		
CRFGR003		<20	0.10	<10	<10	33	<10	25		

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

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

To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 6- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- Teloex

CERTIFICATE OF ANALYSIS WH13150635

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

BAG- 01	CRU- 31	CRU- QC	LOG- 22
LOG- 24	PUL- 32m	PUL- QC	SPL- 21
WEI- 21			

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Ag- OG46	Au- AA23	Cu- OG46	ME- ICP41
ME- OG46			

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

To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 21- SEP- 2013
This copy reported on
23- SEP- 2013
Account: TELOEX

CERTIFICATE WH13150743

Project: ALSM- CW13- 042- R1- TELOEX

P.O. No.: FG13- 005

This report is for 2 Rock samples submitted to our lab in Whitehorse, YT, Canada on 10- SEP- 2013.

The following have access to data associated with this certificate:

JESSE CAMPBELL MIKE MCCUAIG	CHRIS GALLAGHER	GRAEME HOPKINS

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME- ICP06	Whole Rock Package - ICP- AES	ICP- AES
C- IR07	Total Carbon (Leco)	LECO
S- IR08	Total Sulphur (Leco)	LECO
ME- MS81	Lithium Borate Fusion ICP- MS	ICP- MS
ME- MS42	Up to 34 elements by ICP- MS	ICP- MS
OA- GRA05	Loss on Ignition at 1000C	WST- SEQ
TOT- ICP06	Total Calculation for ICP06	ICP- AES
ME- 4ACD81	Base Metals by 4- acid dig.	ICP- AES

To: **TERRALOGIC EXPLORATION SERVICES INC.**
ATTN: CHRIS GALLAGHER
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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

To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 21- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13150743

Sample Description	Method	ME- ICP06	ME- ICP06	ME- ICP06	ME- ICP06	ME- ICP06	ME- ICP06	ME- ICP06	ME- ICP06	ME- ICP06	ME- ICP06	ME- ICP06	ME- ICP06	ME- ICP06	C- IR07	S- IR08
	Analyte	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	C	S
	Units	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	LOR	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
MMFGR060		75.8	14.15	0.99	0.15	0.19	0.39	4.95	<0.01	0.06	0.02	0.03	0.01	0.25	0.04	0.02
MMFGR072		64.2	15.45	5.32	4.23	2.08	3.12	2.83	<0.01	0.53	0.11	0.16	0.05	0.23	0.22	0.03

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

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

To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 21- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13150743

Sample Description	Method Analyte Units LOR	ME- MS81 Ba ppm 0.5	ME- MS81 Ce ppm 0.5	ME- MS81 Cr ppm 10	ME- MS81 Cs ppm 0.01	ME- MS81 Dy ppm 0.05	ME- MS81 Er ppm 0.03	ME- MS81 Eu ppm 0.03	ME- MS81 Ga ppm 0.1	ME- MS81 Gd ppm 0.05	ME- MS81 Hf ppm 0.2	ME- MS81 Ho ppm 0.01	ME- MS81 La ppm 0.5	ME- MS81 Lu ppm 0.01	ME- MS81 Nb ppm 0.2	ME- MS81 Nd ppm 0.1
MMFGR060		2580	35.2	10	5.00	1.74	0.99	0.42	19.6	2.02	2.3	0.33	20.2	0.15	9.1	13.0
MMFGR072		2530	60.0	20	2.42	3.56	2.12	1.12	19.3	3.98	4.8	0.72	35.0	0.35	9.1	24.0

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

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

To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 21- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13150743

Sample Description	Method	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81	ME- MS81
	Analyte	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tl	Tm	U	V	W	Y	Yb
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.03	0.2	0.03	1	0.1	0.1	0.01	0.05	0.5	0.01	0.05	5	1	0.5	0.03
MMFGR060		3.88	182.5	2.30	3	93.3	0.8	0.30	9.37	1.6	0.15	2.78	<5	2	10.4	0.95
MMFGR072		6.59	104.5	4.42	2	500	0.9	0.59	18.25	0.7	0.32	4.94	124	1	20.5	2.14

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

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

To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 21- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13150743

Sample Description	Method	ME- MS81	ME- MS42	ME- MS42	ME- MS42	ME- MS42	ME- MS42	ME- MS42	OA- GRA05	TOT- ICP06	ME- 4ACD81	ME- 4ACD81	ME- 4ACD81	ME- 4ACD81	ME- 4ACD81	ME- 4ACD81
	Analyte	Zr	As	Bi	Hg	Sb	Se	Te	LOI	Total	Ag	Cd	Co	Cu	Li	Mo
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	2	0.1	0.01	0.005	0.05	0.2	0.01	0.01	0.01	0.5	0.5	1	1	10	1
MMFGR060		48	>250	0.10	<0.005	6.49	<0.2	0.02	2.37	99.36	<0.5	1.6	<1	2	10	<1
MMFGR072		162	5.2	0.07	<0.005	0.27	<0.2	<0.01	2.65	100.96	<0.5	<0.5	9	7	20	<1

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

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

To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 21- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13150743

Sample Description	Method	ME- 4ACD81	ME- 4ACD81	ME- 4ACD81	ME- 4ACD81
	Analyte	Ni	Pb	Sc	Zn
	Units	ppm	ppm	ppm	ppm
	LOR	1	2	1	2
MMFGR060		1	31	3	61
MMFGR072		5	13	11	63

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

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

To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 21- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13150743

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
FND- 02

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

C- IR07	ME- 4ACD81	ME- ICP06	ME- MS42
ME- MS81	OA- GRA05	S- IR08	TOT- ICP06

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

To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 19- SEP- 2013
Account: TELOEX

CERTIFICATE WH13156425

Project: ALSM- CW13- 042- R1- TELOEX

P.O. No.: FG13- 005

This report is for 143 Rock samples submitted to our lab in Whitehorse, YT, Canada on 27- AUG- 2013.

The following have access to data associated with this certificate:

JESSE CAMPBELL MIKE MCCUAIG	CHRIS GALLAGHER	GRAEME HOPKINS

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 24	Pulp Login - Rcd w/o Barcode
LOG- 22	Sample login - Rcd w/o BarCode
BAG- 01	Bulk Master for Storage
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% <2mm
SPL- 21	Split sample - riffle splitter
PUL- 32m	Pulverize 500g - 85%<75um

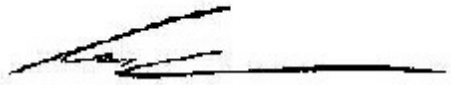
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Cu- OG46	Ore Grade Cu - Aqua Regia	VARIABLE
Au- AA23	Au 30g FA- AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **TERRALOGIC EXPLORATION SERVICES INC.**
ATTN: MIKE MCCUAIG
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

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

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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

To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 19- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13156425

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
AHFGR007		2.28	0.058	<0.2	0.96	654	<10	250	0.5	11	0.22	0.6	4	35	47	1.66
AHFGR008		2.23	0.012	<0.2	1.04	229	<10	320	<0.5	6	0.31	1.0	6	31	40	1.42
AHFGR009		2.36	0.006	<0.2	1.09	288	<10	250	<0.5	3	0.18	<0.5	5	29	28	1.32
AHFGR010		2.19	0.005	<0.2	0.62	288	<10	150	<0.5	14	0.07	<0.5	3	22	20	1.10
AHFGR011		2.36	<0.005	<0.2	0.76	252	<10	190	<0.5	9	0.08	<0.5	2	30	25	1.25
AHFGR012		2.88	0.006	<0.2	0.86	497	<10	230	<0.5	6	0.09	0.5	2	30	25	1.32
AHFGR013		2.34	0.030	<0.2	0.78	319	<10	160	0.5	4	0.11	0.7	5	18	35	1.25
AHFGR014		2.02	0.043	<0.2	0.85	1015	<10	180	0.5	9	0.17	0.8	4	25	44	1.46
AHFGR015		2.68	0.040	<0.2	0.95	608	<10	220	<0.5	10	0.18	<0.5	5	23	26	1.12
AHFGR016		2.73	0.237	<0.2	0.54	632	<10	140	<0.5	3	0.05	0.7	2	13	13	0.89
AHFGR017		1.99	0.048	<0.2	0.66	669	<10	160	0.5	5	0.09	0.6	2	25	20	1.15
AHFGR018		2.40	0.016	<0.2	1.25	730	<10	220	<0.5	<2	0.11	<0.5	2	42	28	1.76
AHFGR019		2.75	<0.005	<0.2	1.12	152	<10	290	<0.5	<2	0.06	<0.5	2	32	23	1.53
AHFGR020		2.26	0.009	0.2	0.43	749	<10	90	<0.5	4	0.02	0.5	1	18	25	1.13
AHFGR021		2.33	0.015	0.9	0.61	955	<10	110	<0.5	6	0.03	0.6	<1	15	23	1.11
AHFGR022		2.32	0.013	2.4	0.46	1375	<10	90	<0.5	3	0.02	1.0	<1	5	18	0.92
AHFGR061		2.91	<0.005	<0.2	0.03	3	<10	<10	<0.5	2	>25.0	<0.5	<1	<1	<1	0.03
AHFGR023		2.45	0.012	1.0	0.42	992	<10	80	<0.5	2	0.09	1.1	1	5	11	0.55
AHFGR024		2.26	<0.005	0.8	0.48	280	<10	120	<0.5	<2	0.03	1.1	1	12	14	0.84
AHFGR025		3.53	0.012	0.4	0.79	563	<10	120	<0.5	<2	0.02	1.8	1	36	23	1.25
AHFGR026		2.26	0.027	0.6	0.33	1930	<10	60	<0.5	5	0.02	0.7	1	7	10	0.58
AHFGR027		3.40	0.007	0.4	0.67	498	<10	120	<0.5	<2	0.02	0.9	1	28	23	1.74
AHFGR028		3.41	0.020	0.3	1.57	228	<10	110	0.5	3	0.11	1.2	3	57	46	2.46
AHFGR029		2.45	0.013	1.6	2.00	483	<10	120	0.7	2	0.14	6.5	10	155	56	2.56
AHFGR030		2.18	0.050	0.9	2.50	621	<10	270	0.7	5	0.45	3.3	10	47	36	3.14
AHFGR031		2.20	0.010	<0.2	2.49	108	<10	340	0.5	2	0.45	1.8	9	62	32	3.05
AHFGR032		2.32	0.010	1.9	1.15	390	<10	100	<0.5	3	0.08	1.9	2	45	40	2.28
AHFGR059		0.03	4.93	65.2	1.30	1210	<10	180	<0.5	2	1.53	<0.5	12	49	129	3.37
AHFGR060		2.57	<0.005	<0.2	0.02	<2	<10	<10	<0.5	2	>25.0	<0.5	<1	<1	<1	0.03
AHFGR033		2.24	<0.005	<0.2	1.05	10	<10	120	0.5	2	0.58	<0.5	8	13	3	2.63
AHFGR034		2.72	<0.005	0.2	1.25	10	<10	180	0.8	<2	0.56	<0.5	10	13	3	3.33
AHFGR035		2.03	<0.005	0.6	1.08	36	<10	310	1.2	2	0.40	<0.5	17	10	4	4.13
AHFGR036		2.29	<0.005	0.4	1.13	15	<10	160	0.7	2	0.57	<0.5	8	13	4	3.25
AHFGR037		2.46	<0.005	<0.2	1.23	16	<10	120	0.6	2	0.74	<0.5	8	15	3	3.23
AHFGR038		2.29	<0.005	<0.2	0.80	9	<10	100	0.5	<2	0.73	<0.5	7	13	5	2.76
AHFGR039		2.31	<0.005	0.3	0.66	7	<10	100	<0.5	<2	0.52	<0.5	4	11	2	2.05
AHFGR040		2.37	<0.005	<0.2	0.35	4	<10	50	<0.5	<2	0.05	<0.5	1	7	2	0.54
AHFGR041		2.65	0.005	<0.2	0.37	4	<10	50	<0.5	<2	0.08	<0.5	1	10	2	0.66
AHFGR042		3.01	<0.005	<0.2	0.57	6	<10	90	<0.5	<2	0.20	<0.5	2	10	3	1.12
AHFGR043		2.05	<0.005	0.3	0.72	7	<10	60	<0.5	<2	0.22	<0.5	3	7	2	1.01

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

ALS Canada Ltd.
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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 19- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13156425

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
AHFGR007		<10	<1	0.19	10	0.42	200	7	0.03	25	370	7	0.08	13	3	30
AHFGR008		<10	<1	0.23	10	0.44	316	2	0.03	33	440	7	0.05	12	3	33
AHFGR009		<10	<1	0.20	10	0.50	321	1	0.04	25	330	6	<0.01	6	3	25
AHFGR010		<10	<1	0.17	10	0.24	189	1	0.03	14	180	8	0.02	6	2	13
AHFGR011		<10	<1	0.22	10	0.35	208	2	0.02	9	220	8	0.01	5	3	15
AHFGR012		<10	<1	0.25	10	0.39	214	1	0.03	9	250	7	0.01	7	3	17
AHFGR013		<10	<1	0.23	20	0.26	168	1	0.05	11	290	7	0.01	7	3	21
AHFGR014		<10	<1	0.13	10	0.37	181	23	0.05	27	270	18	0.04	10	2	25
AHFGR015		<10	<1	0.30	10	0.34	197	2	0.07	19	280	7	0.04	8	3	25
AHFGR016		<10	<1	0.19	10	0.13	88	2	0.05	5	150	7	0.05	6	1	15
AHFGR017		<10	<1	0.20	20	0.20	90	3	0.05	4	260	10	0.06	9	2	26
AHFGR018		10	<1	0.43	10	0.53	190	1	0.04	12	570	6	0.08	11	4	30
AHFGR019		<10	<1	0.46	10	0.46	209	1	0.04	11	290	7	0.08	6	3	24
AHFGR020		<10	<1	0.20	10	0.08	68	2	0.04	3	180	10	0.12	5	1	14
AHFGR021		<10	<1	0.36	10	0.09	72	2	0.02	3	70	119	0.15	6	1	13
AHFGR022		<10	<1	0.32	10	0.02	43	1	0.02	1	60	294	0.16	6	1	10
AHFGR061		<10	<1	<0.01	<10	1.60	16	<1	0.01	<1	30	<2	0.05	2	<1	4620
AHFGR023		<10	<1	0.23	20	0.02	36	1	0.04	1	70	97	0.06	5	1	14
AHFGR024		<10	<1	0.24	20	0.05	38	1	0.06	3	160	151	0.12	5	1	19
AHFGR025		<10	<1	0.26	10	0.23	91	2	0.04	4	180	34	0.10	10	3	15
AHFGR026		<10	<1	0.18	10	0.02	40	1	0.06	1	30	63	0.08	5	1	10
AHFGR027		<10	<1	0.25	20	0.18	80	3	0.05	3	380	60	0.17	14	2	28
AHFGR028		10	<1	0.33	20	0.53	168	3	0.04	19	830	32	0.16	20	5	29
AHFGR029		10	<1	0.53	20	0.70	252	6	0.02	83	490	304	0.10	116	5	27
AHFGR030		10	<1	0.73	20	1.14	591	2	0.11	28	660	165	0.04	33	8	49
AHFGR031		10	<1	1.02	20	1.06	547	3	0.12	34	650	11	0.03	39	8	48
AHFGR032		<10	<1	0.39	20	0.39	143	8	0.04	7	550	424	0.14	17	3	28
AHFGR059		<10	<1	0.23	10	1.34	550	10	0.10	48	500	10	0.15	19	3	119
AHFGR060		<10	<1	<0.01	<10	1.61	17	<1	0.01	<1	30	<2	0.07	4	<1	4670
AHFGR033		10	<1	0.20	20	0.68	498	<1	0.07	4	1170	8	0.01	4	5	49
AHFGR034		10	<1	0.22	20	0.69	707	<1	0.06	4	1420	7	0.01	7	8	48
AHFGR035		<10	<1	0.23	20	0.18	1430	<1	0.02	7	1640	13	0.01	9	9	27
AHFGR036		10	<1	0.15	20	0.59	704	<1	0.05	4	1390	7	0.01	9	7	58
AHFGR037		10	<1	0.23	10	0.91	635	<1	0.05	4	1430	5	0.01	9	6	85
AHFGR038		<10	<1	0.16	20	0.38	338	<1	0.07	2	1420	7	0.02	5	4	83
AHFGR039		<10	<1	0.17	20	0.29	314	<1	0.07	3	1040	8	0.02	5	3	47
AHFGR040		<10	<1	0.14	20	0.08	224	<1	0.06	1	70	9	0.01	3	1	6
AHFGR041		<10	<1	0.15	10	0.07	217	<1	0.07	1	140	9	0.01	2	1	10
AHFGR042		<10	<1	0.16	10	0.23	295	<1	0.07	2	350	9	0.01	5	2	23
AHFGR043		<10	<1	0.16	20	0.20	267	<1	0.06	2	370	9	0.01	4	1	31

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

ALS Canada Ltd.
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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 19- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13156425

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Cu- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Cu
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	0.001
AHFGR007		<20	0.04	<10	<10	36	<10	48	
AHFGR008		<20	0.05	<10	<10	43	<10	94	
AHFGR009		<20	0.05	<10	<10	35	<10	86	
AHFGR010		<20	0.02	<10	<10	23	10	56	
AHFGR011		<20	0.03	<10	<10	39	<10	46	
AHFGR012		<20	0.03	<10	<10	36	<10	56	
AHFGR013		<20	0.03	<10	<10	30	<10	74	
AHFGR014		<20	0.02	<10	<10	33	<10	75	
AHFGR015		20	0.04	<10	<10	31	<10	54	
AHFGR016		20	0.01	<10	<10	15	<10	34	
AHFGR017		<20	0.02	<10	<10	23	<10	38	
AHFGR018		<20	0.05	<10	<10	63	<10	36	
AHFGR019		<20	0.04	<10	<10	44	<10	37	
AHFGR020		<20	<0.01	<10	<10	16	<10	18	
AHFGR021		20	0.01	<10	<10	12	<10	38	
AHFGR022		30	<0.01	<10	<10	3	<10	83	
AHFGR061		<20	<0.01	<10	<10	<1	<10	<2	
AHFGR023		30	<0.01	<10	<10	3	<10	96	
AHFGR024		20	<0.01	<10	<10	12	<10	130	
AHFGR025		<20	0.01	<10	<10	45	<10	93	
AHFGR026		20	<0.01	<10	<10	1	<10	68	
AHFGR027		20	0.01	<10	<10	35	<10	134	
AHFGR028		<20	0.03	<10	<10	77	<10	293	
AHFGR029		<20	0.06	<10	<10	68	<10	389	
AHFGR030		<20	0.13	<10	<10	94	<10	313	
AHFGR031		<20	0.17	<10	<10	105	<10	250	
AHFGR032		<20	0.02	<10	<10	36	<10	167	
AHFGR059		<20	0.10	<10	<10	53	<10	57	
AHFGR060		<20	<0.01	<10	<10	<1	<10	<2	
AHFGR033		<20	0.08	<10	<10	71	<10	47	
AHFGR034		<20	0.05	<10	<10	83	<10	57	
AHFGR035		<20	0.01	<10	<10	81	<10	66	
AHFGR036		<20	0.08	<10	<10	82	<10	54	
AHFGR037		<20	0.14	<10	<10	90	<10	57	
AHFGR038		<20	0.13	<10	<10	72	<10	30	
AHFGR039		<20	0.09	<10	<10	52	<10	27	
AHFGR040		30	0.01	<10	<10	4	<10	12	
AHFGR041		30	0.01	<10	<10	7	<10	13	
AHFGR042		30	0.04	<10	<10	19	<10	24	
AHFGR043		20	0.03	<10	<10	17	<10	24	

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

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 19- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13156425

Sample Description	Method	WEI- 21	Au- AA23	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
AHFGR044		2.49	<0.005	0.6	0.76	8	<10	60	0.5	<2	0.14	<0.5	2	6	3	0.98
AHFGR045		2.14	<0.005	0.6	0.63	2	<10	60	<0.5	<2	0.08	<0.5	1	4	2	0.56
AHFGR046		2.69	<0.005	0.6	0.82	7	<10	90	<0.5	<2	0.19	<0.5	2	6	3	1.22
AHFGR047		2.74	0.012	0.3	0.94	13	<10	100	<0.5	<2	0.27	<0.5	5	8	3	1.28
AHFGR048		3.25	<0.005	<0.2	1.08	7	<10	760	<0.5	<2	0.58	<0.5	5	14	4	2.16
AHFGR062		0.03	0.560	18.2	1.25	1675	<10	60	0.7	4	3.48	2.2	112	23	>10000	13.05
AHFGR063		2.58	<0.005	<0.2	0.03	<2	<10	10	<0.5	3	>25.0	<0.5	<1	<1	8	0.04
AHFGR049		2.08	<0.005	<0.2	1.22	24	<10	90	<0.5	<2	1.23	<0.5	6	21	15	3.40
AHFGR050		2.40	<0.005	<0.2	0.68	9	<10	80	<0.5	<2	0.34	<0.5	3	7	12	1.28
AHFGR051		1.91	0.006	<0.2	0.69	9	<10	90	<0.5	<2	0.37	<0.5	4	9	6	1.31
AHFGR052		3.16	0.005	<0.2	1.63	13	<10	110	<0.5	<2	1.19	<0.5	8	22	5	3.74
AHFGR053		1.25	<0.005	<0.2	0.42	13	<10	10	<0.5	<2	0.12	<0.5	4	84	18	1.36
AHFGR054		3.90	1.505	0.2	0.24	4930	<10	310	<0.5	<2	0.07	<0.5	4	20	9	1.40
AHFGR064		2.57	<0.005	<0.2	0.03	6	<10	10	<0.5	4	>25.0	<0.5	<1	1	<1	0.04
AHFGR055		2.13	2.47	1.9	0.47	2460	<10	480	<0.5	<2	0.28	2.5	5	11	17	1.77
AHFGR056		1.49	0.026	0.3	0.61	803	<10	270	<0.5	<2	0.22	0.8	5	16	19	1.89
AHFGR057		1.79	0.007	<0.2	0.60	20	<10	210	<0.5	<2	0.09	<0.5	3	5	14	1.32
AHFGR058		1.64	<0.005	<0.2	0.52	20	<10	230	<0.5	<2	0.10	<0.5	4	9	17	1.79
CRFGR004		2.80	<0.005	<0.2	0.70	5	<10	200	0.5	<2	0.05	<0.5	1	6	2	0.80
CRFGR005		2.57	0.009	<0.2	0.47	3	<10	130	<0.5	<2	0.03	<0.5	1	15	1	0.64
CRFGR006		3.35	<0.005	<0.2	0.48	4	<10	80	<0.5	<2	0.03	<0.5	<1	6	1	0.49
CRFGR007		3.40	<0.005	<0.2	0.43	4	<10	60	<0.5	<2	0.03	<0.5	1	7	1	0.52
CRFGR008		3.35	0.093	<0.2	0.48	3	<10	60	<0.5	<2	0.03	<0.5	1	8	1	0.65
CRFGR009		3.53	0.257	<0.2	0.98	7	<10	160	0.7	<2	0.12	<0.5	4	7	3	1.29
CRFGR010		2.50	0.033	<0.2	1.05	6	<10	190	0.9	<2	0.10	<0.5	4	7	6	1.39
CRFGR011		3.40	0.077	<0.2	0.64	9	<10	130	0.6	<2	0.05	<0.5	3	13	6	1.38
CRFGR012		3.08	0.043	<0.2	0.46	7	<10	120	<0.5	<2	0.02	<0.5	1	13	11	1.06
CRFGR013		3.15	0.031	<0.2	0.55	8	<10	80	<0.5	<2	0.02	<0.5	1	10	7	1.28
CRFGR027		0.02	4.51	73.5	1.44	1345	<10	190	<0.5	2	1.72	<0.5	13	53	141	3.70
CRFGR028		2.48	<0.005	<0.2	0.04	2	<10	10	<0.5	3	>25.0	<0.5	<1	<1	<1	0.05
CRFGR014		1.97	<0.005	<0.2	1.00	6	<10	60	<0.5	<2	0.34	<0.5	6	10	4	1.65
CRFGR015		1.76	<0.005	<0.2	1.01	6	<10	60	<0.5	<2	0.30	<0.5	6	12	8	1.75
CRFGR016		1.67	<0.005	<0.2	0.68	8	<10	60	<0.5	<2	0.16	<0.5	6	7	6	1.49
CRFGR017		2.29	0.005	<0.2	1.07	5	<10	90	<0.5	<2	0.41	<0.5	7	10	12	2.12
CRFGR018		2.80	<0.005	<0.2	1.15	9	<10	80	<0.5	<2	0.27	<0.5	8	12	4	2.07
CRFGR019		2.36	<0.005	<0.2	1.00	5	<10	70	<0.5	<2	0.21	<0.5	6	11	4	1.74
CRFGR020		2.72	<0.005	<0.2	1.16	7	<10	80	<0.5	<2	0.40	<0.5	7	12	4	1.78
CRFGR021		3.32	<0.005	<0.2	1.12	6	<10	80	<0.5	<2	0.29	<0.5	7	11	13	1.90
CRFGR022		2.68	<0.005	<0.2	1.16	3	<10	70	<0.5	2	0.31	<0.5	7	12	8	1.95
CRFGR023		2.75	<0.005	<0.2	0.99	4	<10	70	<0.5	<2	0.25	<0.5	7	10	4	1.64

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

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Finalized Date: 19- SEP- 2013
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CERTIFICATE OF ANALYSIS WH13156425

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
AHFGR044		<10	<1	0.16	20	0.18	246	<1	0.05	2	280	8	0.01	3	2	17
AHFGR045		<10	<1	0.17	20	0.12	158	<1	0.05	1	130	6	0.01	3	1	12
AHFGR046		<10	<1	0.18	20	0.25	295	<1	0.06	2	390	6	0.01	4	2	18
AHFGR047		<10	<1	0.17	20	0.39	317	<1	0.06	3	440	8	<0.01	4	2	30
AHFGR048		<10	<1	0.26	20	0.71	405	<1	0.07	5	690	4	0.01	3	3	64
AHFGR062		10	<1	0.21	90	0.42	945	11	0.09	100	5430	24	0.80	5	3	396
AHFGR063		<10	<1	<0.01	<10	1.86	17	<1	<0.01	<1	30	<2	0.07	<2	<1	4860
AHFGR049		10	<1	0.19	20	0.78	562	<1	0.09	4	2390	14	<0.01	12	6	97
AHFGR050		<10	<1	0.16	<10	0.30	235	<1	0.06	1	460	10	0.01	8	2	50
AHFGR051		<10	<1	0.17	<10	0.32	238	<1	0.06	1	490	12	0.01	10	1	58
AHFGR052		10	<1	0.27	20	0.96	556	<1	0.11	4	2220	11	<0.01	10	5	132
AHFGR053		<10	<1	0.07	<10	0.23	133	1	0.02	26	440	2	0.02	2	3	5
AHFGR054		<10	8	0.12	10	0.02	116	1	<0.01	7	120	9	0.63	29	1	23
AHFGR064		<10	<1	<0.01	<10	1.86	20	<1	<0.01	<1	40	<2	0.44	<2	<1	5460
AHFGR055		<10	2	0.22	10	0.04	1045	4	<0.01	18	470	70	0.10	30	3	50
AHFGR056		<10	<1	0.22	10	0.06	1865	1	<0.01	27	510	15	0.09	13	4	16
AHFGR057		<10	<1	0.25	10	0.03	522	<1	<0.01	2	180	5	0.02	4	4	8
AHFGR058		<10	<1	0.22	20	0.04	857	1	<0.01	4	250	8	0.03	6	4	8
CRFGR004		<10	<1	0.33	20	0.16	89	<1	0.03	1	190	16	0.01	<2	<1	8
CRFGR005		<10	<1	0.24	20	0.07	67	<1	0.02	1	110	9	0.02	<2	<1	7
CRFGR006		<10	<1	0.27	20	0.06	53	<1	0.02	<1	110	10	<0.01	<2	<1	6
CRFGR007		<10	<1	0.24	20	0.06	67	<1	0.03	<1	90	10	<0.01	<2	<1	6
CRFGR008		<10	<1	0.22	20	0.10	70	<1	0.02	<1	100	10	0.01	<2	<1	6
CRFGR009		<10	<1	0.38	20	0.21	120	<1	0.03	1	440	17	0.09	<2	1	10
CRFGR010		<10	<1	0.40	20	0.26	142	<1	0.03	1	330	18	0.01	<2	2	9
CRFGR011		<10	<1	0.19	10	0.17	110	1	0.01	2	150	11	0.16	<2	1	6
CRFGR012		<10	<1	0.15	20	0.10	79	1	0.03	1	40	7	0.02	<2	1	6
CRFGR013		<10	<1	0.15	20	0.11	105	<1	0.05	1	30	4	0.01	2	1	6
CRFGR027		<10	<1	0.25	10	1.54	591	10	0.10	53	580	10	0.18	17	3	129
CRFGR028		<10	<1	<0.01	<10	1.91	21	<1	<0.01	<1	40	<2	0.11	<2	<1	5620
CRFGR014		<10	<1	0.14	10	0.61	264	<1	0.06	4	260	10	<0.01	3	2	26
CRFGR015		<10	<1	0.15	10	0.59	249	<1	0.07	5	270	7	0.01	3	2	21
CRFGR016		<10	<1	0.19	10	0.22	229	<1	0.07	3	210	3	0.02	2	2	10
CRFGR017		<10	<1	0.23	20	0.56	405	<1	0.06	4	280	5	0.02	<2	3	19
CRFGR018		10	<1	0.23	10	0.59	319	<1	0.07	4	340	5	0.26	2	3	17
CRFGR019		<10	<1	0.17	10	0.48	234	<1	0.07	3	310	5	0.18	3	2	16
CRFGR020		<10	<1	0.21	10	0.56	278	<1	0.07	5	360	6	0.01	2	3	21
CRFGR021		<10	<1	0.18	10	0.58	290	<1	0.07	3	300	6	0.01	3	3	18
CRFGR022		<10	<1	0.19	10	0.65	282	<1	0.06	4	340	4	0.01	2	3	18
CRFGR023		<10	<1	0.16	10	0.58	375	<1	0.05	6	280	7	<0.01	2	2	17

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

ALS Canada Ltd.
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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 19- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13156425

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Cu- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Cu
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	0.001
AHFGR044		20	0.02	<10	<10	18	<10	33	
AHFGR045		20	0.01	<10	<10	7	<10	23	
AHFGR046		20	0.03	<10	<10	24	<10	27	
AHFGR047		20	0.06	<10	<10	24	<10	29	
AHFGR048		20	0.11	<10	<10	45	<10	36	
AHFGR062		<20	0.11	<10	<10	520	<10	220	1.085
AHFGR063		<20	<0.01	<10	<10	1	<10	<2	
AHFGR049		<20	0.17	<10	<10	100	<10	89	
AHFGR050		<20	0.07	<10	<10	29	<10	37	
AHFGR051		<20	0.08	<10	<10	33	<10	33	
AHFGR052		<20	0.16	<10	<10	106	<10	73	
AHFGR053		<20	0.01	<10	<10	41	<10	19	
AHFGR054		<20	<0.01	<10	<10	6	<10	91	
AHFGR064		<20	<0.01	<10	<10	1	<10	<2	
AHFGR055		<20	<0.01	<10	<10	16	<10	290	
AHFGR056		<20	<0.01	<10	<10	20	<10	148	
AHFGR057		<20	<0.01	<10	<10	7	<10	39	
AHFGR058		<20	<0.01	<10	<10	11	<10	59	
CRFGR004		<20	<0.01	<10	<10	8	<10	16	
CRFGR005		<20	<0.01	<10	<10	6	<10	9	
CRFGR006		<20	<0.01	<10	<10	6	<10	8	
CRFGR007		<20	<0.01	<10	<10	5	<10	7	
CRFGR008		<20	<0.01	<10	<10	8	<10	12	
CRFGR009		<20	<0.01	<10	<10	22	<10	24	
CRFGR010		<20	<0.01	<10	<10	22	<10	28	
CRFGR011		<20	<0.01	<10	<10	15	<10	22	
CRFGR012		<20	<0.01	<10	<10	6	<10	16	
CRFGR013		<20	<0.01	<10	<10	5	<10	19	
CRFGR027		<20	0.11	<10	<10	58	<10	61	
CRFGR028		<20	<0.01	<10	<10	1	<10	<2	
CRFGR014		20	0.04	<10	<10	25	<10	31	
CRFGR015		20	0.05	<10	<10	27	<10	32	
CRFGR016		20	<0.01	<10	<10	18	<10	19	
CRFGR017		20	0.02	<10	<10	27	<10	28	
CRFGR018		20	0.02	<10	<10	31	<10	31	
CRFGR019		20	0.01	<10	<10	24	<10	27	
CRFGR020		20	0.04	<10	<10	30	<10	36	
CRFGR021		<20	0.03	<10	<10	29	<10	33	
CRFGR022		<20	0.05	<10	<10	30	<10	34	
CRFGR023		<20	0.03	<10	<10	24	<10	41	

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

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 19- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13156425

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
CRFGR029		0.02	0.561	18.0	1.20	1670	10	60	0.7	31	3.66	2.7	111	23	>10000	13.40
CRFGR030		2.47	<0.005	<0.2	0.04	<2	<10	<10	<0.5	<2	>25.0	<0.5	<1	<1	7	0.06
CRFGR025		3.63	<0.005	1.5	0.99	4	<10	50	<0.5	<2	0.53	<0.5	21	26	178	5.79
CRFGR026		2.70	<0.005	0.2	1.17	9	<10	60	<0.5	<2	0.53	<0.5	4	9	18	3.26
MMFGR036		2.05	0.429	9.9	0.05	>10000	<10	420	<0.5	10	0.02	5.3	3	22	17	2.01
MMFGR100		2.52	<0.005	<0.2	0.03	13	<10	10	<0.5	<2	>25.0	<0.5	<1	1	<1	0.04
MMFGR037		3.11	0.192	0.3	0.82	4700	<10	160	<0.5	8	0.22	<0.5	8	24	60	2.07
MMFGR038		2.11	<0.005	<0.2	1.03	24	<10	70	<0.5	<2	1.20	<0.5	6	19	5	3.36
MMFGR039		2.46	0.032	<0.2	1.97	46	<10	90	<0.5	<2	0.89	<0.5	14	108	19	3.13
MMFGR040		2.38	0.022	0.6	2.19	81	<10	80	<0.5	6	0.83	0.7	13	125	72	3.62
MMFGR041		2.33	0.015	0.2	1.72	38	<10	60	<0.5	3	0.85	<0.5	6	70	43	2.92
MMFGR042		1.95	0.020	0.3	2.39	41	<10	60	<0.5	4	0.93	<0.5	11	95	79	4.11
MMFGR043		2.11	0.022	0.3	2.13	39	<10	40	<0.5	3	0.77	<0.5	6	16	96	3.30
MMFGR044		2.46	0.008	0.2	1.22	18	<10	40	<0.5	<2	0.42	<0.5	5	15	50	2.34
MMFGR045		2.37	0.014	0.2	0.96	38	<10	60	<0.5	3	0.33	<0.5	3	11	53	2.05
MMFGR046		2.24	0.022	0.2	0.73	24	<10	50	<0.5	3	0.27	<0.5	2	13	37	1.78
MMFGR047		2.44	0.013	0.3	1.00	21	<10	50	<0.5	7	0.44	<0.5	2	19	71	2.18
MMFGR048		2.00	0.009	0.2	1.16	28	<10	70	<0.5	4	0.58	<0.5	2	25	68	2.53
MMFGR101		0.02	4.79	68.4	1.31	1255	<10	180	<0.5	<2	1.60	<0.5	13	50	128	3.52
MMFGR102		2.96	<0.005	<0.2	0.03	<2	<10	10	<0.5	<2	>25.0	<0.5	<1	1	<1	0.04
MMFGR049		2.94	<0.005	<0.2	0.60	<2	<10	60	0.5	<2	0.27	<0.5	<1	2	1	0.29
MMFGR050		1.97	<0.005	<0.2	1.66	38	<10	140	0.8	<2	0.90	<0.5	6	24	2	5.03
MMFGR051		1.97	0.024	0.8	0.22	565	<10	2290	<0.5	<2	0.06	2.1	3	17	64	1.30
MMFGR052		2.48	0.019	0.6	0.29	510	<10	2070	<0.5	2	0.52	2.2	3	29	68	1.52
MMFGR053		2.09	0.063	2.1	0.44	603	<10	1610	<0.5	<2	1.82	3.1	2	62	64	1.35
MMFGR054		2.33	0.037	1.7	0.20	554	<10	2530	<0.5	<2	0.09	2.5	3	21	45	1.37
MMFGR103		0.03	0.427	17.6	1.17	1635	10	60	0.7	23	3.61	2.6	109	23	>10000	13.10
MMFGR104		2.97	<0.005	<0.2	0.02	<2	<10	10	<0.5	<2	>25.0	<0.5	<1	1	4	0.04
MMFGR055		2.37	0.124	3.3	0.30	718	<10	620	<0.5	<2	0.65	9.7	1	22	65	1.77
MMFGR056		1.83	0.060	3.4	0.67	665	<10	1060	0.5	<2	1.19	8.9	4	43	110	2.11
MMFGR057		2.54	0.078	2.0	0.36	1300	<10	820	<0.5	<2	0.96	12.5	4	41	75	2.01
MMFGR058		2.34	0.056	3.1	0.44	1795	<10	960	<0.5	<2	0.96	11.4	5	34	92	2.20
MMFGR059		2.18	0.102	6.3	0.22	903	<10	460	<0.5	<2	0.03	2.1	1	21	23	1.79
MMFGR109		0.03	4.79	71.6	1.36	1290	<10	190	<0.5	<2	1.67	<0.5	13	52	134	3.64
MMFGR110		2.45	<0.005	<0.2	0.02	2	<10	10	<0.5	<2	>25.0	<0.5	<1	1	<1	0.03
MMFGR060		1.70	0.008	0.3	0.52	459	<10	210	<0.5	<2	0.09	1.6	<1	3	2	0.37
MMFGR061		2.80	0.005	<0.2	1.31	33	<10	240	<0.5	<2	0.59	<0.5	7	35	33	2.80
MMFGR062		2.92	0.005	<0.2	1.56	9	<10	380	<0.5	<2	0.45	<0.5	8	48	38	2.96
MMFGR063		2.37	<0.005	<0.2	1.52	13	<10	290	<0.5	<2	0.39	<0.5	7	50	31	2.77
MMFGR064		2.34	<0.005	<0.2	1.04	7	<10	220	<0.5	<2	0.25	<0.5	5	49	20	2.00

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

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 19- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13156425

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CRFGR029		10	1	0.20	90	0.44	946	12	0.10	99	5400	24	0.81	3	3	405
CRFGR030		<10	<1	<0.01	<10	1.87	20	<1	<0.01	<1	30	<2	0.07	3	<1	5010
CRFGR025		10	<1	0.10	10	0.47	153	4	0.06	77	1150	2	2.24	<2	2	77
CRFGR026		<10	<1	0.13	<10	0.53	370	3	0.08	1	910	2	0.50	<2	8	18
MMFGR036		<10	<1	0.03	<10	<0.01	93	4	<0.01	3	350	318	0.07	80	<1	16
MMFGR100		<10	<1	<0.01	<10	1.80	19	<1	<0.01	<1	30	<2	0.05	<2	<1	5070
MMFGR037		<10	<1	0.13	10	0.53	197	1	0.04	14	560	15	0.35	18	3	49
MMFGR038		10	<1	0.18	20	0.64	437	<1	0.10	4	2220	12	<0.01	10	5	101
MMFGR039		10	<1	0.66	10	1.11	550	1	0.15	48	1410	11	0.05	8	5	61
MMFGR040		10	<1	0.46	10	1.47	593	1	0.13	46	1640	53	0.24	11	6	57
MMFGR041		10	<1	0.29	10	0.97	367	1	0.15	27	1530	16	0.13	11	4	59
MMFGR042		10	<1	0.41	10	1.35	468	<1	0.13	43	1960	14	0.35	6	5	91
MMFGR043		10	<1	0.11	10	0.88	406	<1	0.12	13	1700	16	0.21	9	6	79
MMFGR044		<10	<1	0.10	<10	0.43	271	<1	0.12	4	670	18	0.16	6	3	57
MMFGR045		<10	<1	0.11	<10	0.26	169	<1	0.11	4	630	18	0.12	7	3	58
MMFGR046		<10	<1	0.08	<10	0.18	142	<1	0.10	3	380	20	0.11	5	1	58
MMFGR047		<10	<1	0.09	10	0.33	188	<1	0.10	4	670	21	0.06	5	2	48
MMFGR048		10	<1	0.09	10	0.42	236	<1	0.11	5	880	16	0.10	8	3	68
MMFGR101		<10	<1	0.23	10	1.44	563	10	0.10	49	520	10	0.15	18	3	120
MMFGR102		<10	<1	<0.01	<10	1.78	16	<1	<0.01	<1	30	<2	0.07	<2	<1	5430
MMFGR049		<10	<1	0.38	10	0.03	200	<1	0.01	<1	90	15	<0.01	2	<1	21
MMFGR050		10	<1	0.18	20	1.26	1065	<1	0.07	8	2390	6	<0.01	5	12	47
MMFGR051		<10	<1	0.11	10	0.02	376	1	<0.01	19	230	58	0.05	39	2	17
MMFGR052		<10	<1	0.12	<10	0.02	535	3	<0.01	37	2310	50	0.04	54	3	22
MMFGR053		<10	<1	0.20	10	0.03	324	4	<0.01	58	8530	178	0.03	65	2	51
MMFGR054		<10	<1	0.10	10	0.01	411	1	<0.01	16	370	103	0.06	44	2	18
MMFGR103		10	<1	0.19	90	0.43	931	12	0.10	97	5310	22	0.80	4	3	396
MMFGR104		<10	<1	<0.01	<10	1.91	21	<1	<0.01	<1	40	2	0.06	<2	<1	5220
MMFGR055		<10	<1	0.14	10	0.02	156	6	<0.01	26	3440	434	0.04	59	2	35
MMFGR056		<10	<1	0.24	10	0.04	648	11	<0.01	84	6110	312	0.03	48	3	56
MMFGR057		<10	<1	0.16	10	0.03	1005	6	<0.01	55	4320	130	0.02	69	4	37
MMFGR058		<10	<1	0.19	10	0.03	724	7	<0.01	60	4350	344	0.02	84	3	39
MMFGR059		<10	<1	0.21	10	0.02	155	10	<0.01	5	1890	934	0.21	51	3	15
MMFGR109		<10	<1	0.24	10	1.50	584	11	0.11	51	540	12	0.16	21	3	124
MMFGR110		<10	<1	<0.01	<10	1.88	17	<1	0.01	<1	40	2	0.07	<2	<1	5190
MMFGR060		<10	<1	0.33	10	0.02	68	<1	0.01	1	80	31	<0.01	10	<1	17
MMFGR061		10	<1	0.36	10	0.78	534	<1	0.10	13	800	2	0.13	2	7	34
MMFGR062		10	<1	0.61	10	0.98	438	<1	0.09	15	1060	4	0.06	2	7	32
MMFGR063		10	<1	0.58	10	0.92	432	<1	0.09	14	720	2	0.09	2	7	33
MMFGR064		<10	<1	0.33	10	0.66	313	<1	0.06	14	460	3	0.05	2	5	24

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

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

To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 19- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13156425

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Cu- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Cu
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	0.001
CRFGR029		<20	0.10	<10	<10	514	<10	228	1.045
CRFGR030		<20	<0.01	<10	<10	1	<10	<2	
CRFGR025		<20	0.14	<10	<10	69	<10	60	
CRFGR026		<20	0.15	<10	<10	62	<10	26	
MMFGR036		<20	<0.01	<10	<10	7	<10	59	
MMFGR100		<20	<0.01	<10	<10	1	<10	<2	
MMFGR037		<20	0.04	<10	<10	37	<10	39	
MMFGR038		<20	0.15	<10	<10	94	<10	63	
MMFGR039		<20	0.24	<10	<10	82	<10	80	
MMFGR040		<20	0.27	<10	<10	86	<10	100	
MMFGR041		<20	0.23	<10	<10	61	<10	49	
MMFGR042		<20	0.28	<10	<10	82	<10	59	
MMFGR043		<20	0.23	<10	<10	82	<10	44	
MMFGR044		<20	0.16	<10	<10	49	<10	38	
MMFGR045		<20	0.13	<10	<10	34	<10	38	
MMFGR046		<20	0.09	<10	<10	20	<10	20	
MMFGR047		<20	0.12	<10	<10	31	<10	31	
MMFGR048		<20	0.15	<10	<10	38	<10	27	
MMFGR101		<20	0.10	<10	<10	53	<10	58	
MMFGR102		<20	<0.01	<10	<10	<1	<10	<2	
MMFGR049		<20	<0.01	<10	<10	1	<10	8	
MMFGR050		<20	0.11	<10	<10	147	<10	108	
MMFGR051		<20	<0.01	<10	<10	28	<10	311	
MMFGR052		<20	<0.01	<10	<10	102	<10	361	
MMFGR053		<20	<0.01	<10	<10	249	<10	351	
MMFGR054		<20	<0.01	<10	<10	21	<10	283	
MMFGR103		<20	0.10	<10	<10	507	<10	218	1.055
MMFGR104		<20	<0.01	<10	<10	1	<10	<2	
MMFGR055		<20	<0.01	<10	<10	63	<10	362	
MMFGR056		<20	<0.01	<10	10	137	<10	871	
MMFGR057		<20	<0.01	<10	<10	144	<10	644	
MMFGR058		<20	<0.01	<10	<10	110	<10	682	
MMFGR059		<20	<0.01	<10	<10	32	<10	121	
MMFGR109		<20	0.11	<10	<10	55	<10	61	
MMFGR110		<20	<0.01	<10	<10	1	<10	<2	
MMFGR060		<20	<0.01	<10	<10	1	<10	52	
MMFGR061		<20	0.14	<10	<10	63	<10	83	
MMFGR062		<20	0.16	<10	<10	82	<10	92	
MMFGR063		<20	0.14	<10	<10	74	<10	79	
MMFGR064		<20	0.10	<10	<10	60	<10	57	

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

ALS Canada Ltd.
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 19- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13156425

Sample Description	Method	WEI- 21	Au- AA23	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
MMFGR065		2.20	<0.005	<0.2	1.08	22	<10	210	<0.5	<2	0.35	<0.5	7	19	25	2.48
MMFGR066		2.64	0.005	<0.2	0.99	19	<10	160	<0.5	<2	0.50	<0.5	6	36	23	2.10
MMFGR067		2.12	0.006	<0.2	1.19	24	<10	230	<0.5	<2	0.30	<0.5	6	39	18	2.11
MMFGR068		2.08	<0.005	<0.2	1.26	10	<10	230	<0.5	<2	0.34	<0.5	5	36	15	2.04
MMFGR069		1.91	<0.005	<0.2	1.20	47	<10	160	<0.5	<2	0.50	<0.5	7	37	24	2.32
MMFGR070		1.71	<0.005	<0.2	1.11	22	<10	210	<0.5	<2	0.51	<0.5	6	25	18	2.19
MMFGR071		2.88	<0.005	<0.2	1.13	2	<10	280	<0.5	<2	0.18	<0.5	4	46	23	2.26
MMFGR105		0.02	4.92	65.9	1.29	1195	<10	170	<0.5	<2	1.54	<0.5	12	49	131	3.33
MMFGR106		2.32	<0.005	0.2	0.02	<2	<10	10	<0.5	<2	>25.0	<0.5	<1	<1	<1	0.03
MMFGR072		2.04	<0.005	<0.2	1.77	7	<10	140	<0.5	<2	1.03	<0.5	11	13	8	2.87
MMFGR073		2.41	<0.005	<0.2	1.78	6	<10	140	<0.5	<2	0.74	<0.5	11	10	7	2.81
MMFGR074		2.74	<0.005	<0.2	0.81	3	<10	850	<0.5	<2	0.45	<0.5	5	10	1	1.74
MMFGR075		3.25	<0.005	<0.2	0.82	2	<10	1050	<0.5	<2	0.52	<0.5	6	12	1	2.29
MMFGR076		2.51	<0.005	<0.2	0.87	5	<10	290	0.6	<2	0.20	<0.5	3	5	1	0.92
MMFGR077		1.52	<0.005	<0.2	0.59	5	<10	140	<0.5	<2	0.07	<0.5	1	2	1	0.32
MMFGR078		1.98	<0.005	<0.2	0.59	3	<10	300	<0.5	<2	0.07	<0.5	<1	2	1	0.35
MMFGR079		2.03	<0.005	<0.2	0.76	4	<10	290	0.5	<2	0.16	<0.5	1	2	1	0.37
MMFGR080		2.01	<0.005	<0.2	0.68	3	<10	370	<0.5	<2	0.07	<0.5	1	5	1	0.39
MMFGR081		1.99	<0.005	<0.2	0.75	7	<10	810	0.6	<2	0.20	<0.5	2	2	1	0.88
MMFGR082		2.47	<0.005	<0.2	1.01	2	<10	3230	0.7	<2	0.64	<0.5	7	4	10	2.87
MMFGR083		2.39	<0.005	<0.2	0.91	2	<10	2750	0.5	<2	0.38	<0.5	5	10	1	2.01
MMFGR107		0.02	0.558	18.4	1.26	1660	10	70	0.7	<2	3.79	2.4	112	23	>10000	13.70
MMFGR108		2.56	<0.005	<0.2	0.03	<2	<10	20	<0.5	<2	>25.0	<0.5	<1	<1	11	0.05

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

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

To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 19- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13156425

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
MMFGR065		10	<1	0.26	10	0.58	498	<1	0.08	9	610	<2	0.04	2	5	28
MMFGR066		<10	<1	0.15	10	0.53	482	<1	0.08	11	670	3	0.04	3	5	29
MMFGR067		10	<1	0.32	10	0.69	368	<1	0.08	13	530	<2	0.03	3	5	28
MMFGR068		10	<1	0.38	10	0.75	293	<1	0.09	13	720	3	0.02	3	4	34
MMFGR069		10	<1	0.23	10	0.65	390	<1	0.08	13	650	2	0.03	4	5	30
MMFGR070		<10	<1	0.27	10	0.58	430	<1	0.10	10	530	2	0.03	3	6	32
MMFGR071		10	<1	0.42	<10	0.72	250	<1	0.07	7	500	<2	0.05	<2	4	28
MMFGR105		<10	<1	0.22	10	1.39	557	9	0.10	46	510	8	0.14	20	3	119
MMFGR106		<10	<1	<0.01	<10	1.78	18	<1	0.01	<1	40	<2	0.06	2	<1	5000
MMFGR072		10	<1	0.11	10	1.23	697	<1	0.05	3	750	7	0.01	2	3	60
MMFGR073		10	<1	0.13	10	1.16	688	<1	0.06	2	710	8	<0.01	<2	3	51
MMFGR074		<10	<1	0.21	10	0.19	421	<1	0.06	3	480	6	0.01	2	3	68
MMFGR075		<10	<1	0.13	10	0.35	534	<1	0.06	4	620	5	0.02	3	4	80
MMFGR076		<10	<1	0.32	20	0.07	333	<1	0.02	2	310	22	<0.01	2	2	26
MMFGR077		<10	<1	0.30	20	0.03	89	<1	0.01	<1	100	17	<0.01	<2	1	20
MMFGR078		<10	<1	0.32	20	0.02	95	<1	0.01	<1	90	17	<0.01	2	<1	23
MMFGR079		<10	<1	0.38	20	0.03	148	<1	0.01	<1	110	21	<0.01	3	1	25
MMFGR080		<10	<1	0.36	30	0.03	129	<1	0.01	<1	100	13	<0.01	2	1	26
MMFGR081		<10	<1	0.34	20	0.07	295	<1	0.02	<1	340	15	0.01	2	2	44
MMFGR082		<10	<1	0.23	20	0.22	790	<1	0.06	1	960	3	0.07	2	5	218
MMFGR083		<10	<1	0.22	10	0.24	529	<1	0.08	4	590	3	0.06	2	3	187
MMFGR107		10	<1	0.20	90	0.44	1010	11	0.10	98	5470	21	0.83	8	3	414
MMFGR108		<10	<1	<0.01	<10	1.81	18	<1	<0.01	<1	30	<2	0.07	4	<1	4660

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

ALS Canada Ltd.
2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 19- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13156425

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Cu- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Cu
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%
	LOR	20	0.01	10	10	1	10	2	0.001
MMFGR065		<20	0.10	<10	<10	43	<10	69	
MMFGR066		<20	0.09	<10	<10	40	<10	63	
MMFGR067		<20	0.08	<10	<10	56	<10	62	
MMFGR068		<20	0.10	<10	<10	59	<10	58	
MMFGR069		<20	0.09	<10	<10	57	<10	70	
MMFGR070		<20	0.11	<10	<10	52	<10	58	
MMFGR071		<20	0.08	<10	<10	53	<10	62	
MMFGR105		<20	0.10	<10	<10	51	<10	56	
MMFGR106		<20	<0.01	<10	<10	2	<10	<2	
MMFGR072		<20	0.16	<10	<10	43	<10	64	
MMFGR073		<20	0.11	<10	<10	38	<10	63	
MMFGR074		<20	0.01	<10	<10	24	<10	45	
MMFGR075		<20	0.01	<10	<10	36	<10	60	
MMFGR076		<20	<0.01	<10	<10	10	<10	28	
MMFGR077		<20	<0.01	<10	<10	2	<10	10	
MMFGR078		<20	<0.01	<10	<10	1	<10	9	
MMFGR079		<20	<0.01	<10	<10	1	<10	6	
MMFGR080		<20	<0.01	<10	<10	2	<10	4	
MMFGR081		<20	<0.01	<10	<10	11	<10	15	
MMFGR082		<20	<0.01	<10	<10	46	<10	60	
MMFGR083		<20	0.01	<10	<10	28	<10	50	
MMFGR107		<20	0.11	<10	<10	523	<10	227	1.065
MMFGR108		<20	<0.01	<10	<10	2	<10	<2	

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

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 19- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13156425

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

BAG- 01	CRU- 31	CRU- QC	LOG- 22
LOG- 24	PUL- 32m	PUL- QC	SPL- 21
WEI- 21			

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- AA23	Cu- OG46	ME- ICP41	ME- OG46

ALS Canada Ltd.
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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 8- OCT- 2013
Account: TELOEX

CERTIFICATE WH13170908

Project: ALSM- CW13- 042- R1- TELOEX

P.O. No.: FG13- 010

This report is for 24 Rock samples submitted to our lab in Whitehorse, YT, Canada on 25- SEP- 2013.

The following have access to data associated with this certificate:

JESSE CAMPBELL	CHRIS GALLAGHER	MIKE MCCUAIG

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 24	Pulp Login - Rcd w/o Barcode
LOG- 22	Sample login - Rcd w/o BarCode
SCR- 51	Screening
BAG- 01	Bulk Master for Storage
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% <2mm
SPL- 21	Split sample - riffle splitter
PUL- 32m	Pulverize 500g - 85%<75um

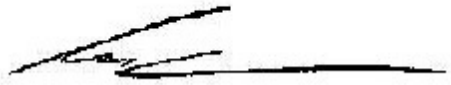
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30g FA- AA finish	AAS
Au- GRA21	Au 30g FA- GRAV finish	WST- SIM
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **TERRALOGIC EXPLORATION SERVICES INC.**
ATTN: CHRIS GALLAGHER
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

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

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 8- OCT- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13170908

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1
MMFGR139		3.54	1.230		0.2	0.88	2610	<10	120	0.7	<2	3.18	<0.5	7	6	11
MMFGR140		3.94	1.325		<0.2	0.56	4220	<10	310	0.8	<2	1.65	<0.5	5	10	7
MMFGR141		4.20	2.85		0.2	0.57	5370	<10	240	0.7	<2	1.56	<0.5	10	11	10
MMFGR142		4.24	1.140		<0.2	0.45	2380	<10	220	0.5	<2	1.56	<0.5	6	7	11
MMFGR143		3.56	0.009		<0.2	0.03	9	<10	10	<0.5	<2	>25.0	<0.5	1	<1	2
MMFGR144		4.44	4.82		0.2	0.48	3990	<10	40	0.7	<2	1.60	<0.5	13	11	12
MMFGR145		5.36	0.420		<0.2	0.56	1315	<10	280	0.8	<2	1.85	<0.5	8	14	8
MMFGR146		4.70	3.91		0.5	0.49	5500	<10	120	0.6	<2	1.53	<0.5	8	8	20
MMFGR162		0.14	0.615		0.2	1.93	2910	<10	120	<0.5	7	2.64	<0.5	74	26	151
MMFGR147		4.38	0.021		<0.2	0.89	120	<10	1190	0.8	<2	2.03	<0.5	9	7	9
MMFGR148		4.16	0.182		<0.2	0.86	264	<10	160	0.8	<2	3.04	<0.5	12	8	18
MMFGR149		3.76	0.011		<0.2	1.19	78	<10	650	1.0	<2	2.26	<0.5	15	8	12
MMFGR150		3.48	0.005		<0.2	0.05	2	<10	10	<0.5	2	>25.0	<0.5	1	<1	<1
MMFGR151		2.66	0.087		<0.2	1.22	566	<10	320	1.0	<2	2.47	<0.5	13	7	21
MMFGR152		4.14	1.475		<0.2	0.56	6460	<10	230	0.6	<2	2.64	<0.5	6	5	11
MMFGR153		3.56	1.505		<0.2	0.61	5510	<10	220	0.6	<2	2.38	<0.5	5	5	11
MMFGR154		4.70	0.137		<0.2	0.53	355	<10	300	0.5	<2	2.81	<0.5	5	6	6
MMFGR161		0.08	3.49		76.4	1.29	92	<10	80	<0.5	6	2.09	<0.5	10	18	774
MMFGR155		4.34	9.03		0.2	0.66	7070	<10	110	1.1	<2	0.86	<0.5	15	14	12
MMFGR156		4.98	>10.0	11.35	0.5	0.60	>10000	<10	40	0.8	<2	1.88	<0.5	19	8	29
MMFGR157		3.74	0.024		<0.2	0.03	23	<10	10	<0.5	2	>25.0	<0.5	<1	<1	<1
MMFGR158		4.86	0.977		<0.2	0.65	1485	<10	110	0.8	<2	3.41	<0.5	9	4	18
MMFGR159		4.72	0.021		<0.2	3.43	60	<10	690	2.2	<2	1.21	<0.5	18	11	24
MMFGR160		0.08	3.43		76.6	1.28	89	<10	80	<0.5	7	2.06	<0.5	10	18	769

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

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

To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 8- OCT- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13170908

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
MMFGR139		2.62	<10	<1	0.14	10	1.17	498	2	<0.01	5	710	11	0.70	22	5
MMFGR140		2.06	<10	<1	0.23	10	0.57	340	5	0.01	10	410	17	0.86	26	4
MMFGR141		2.20	<10	1	0.28	10	0.57	332	4	0.01	19	200	17	0.97	40	4
MMFGR142		2.00	<10	<1	0.24	10	0.61	328	3	<0.01	11	100	17	1.04	28	2
MMFGR143		0.04	<10	<1	0.01	<10	1.67	19	<1	<0.01	<1	30	<2	0.08	<2	<1
MMFGR144		3.12	<10	<1	0.29	10	0.64	544	6	<0.01	30	130	27	2.32	53	4
MMFGR145		2.20	<10	<1	0.30	10	0.66	519	3	0.01	17	400	11	0.67	21	6
MMFGR146		2.44	<10	<1	0.26	10	0.53	427	3	0.01	20	400	13	1.56	285	3
MMFGR162		3.98	10	<1	0.25	10	0.70	604	9	0.21	22	750	8	0.36	6	3
MMFGR147		3.08	<10	<1	0.27	20	0.79	449	1	0.02	4	1220	15	0.25	6	6
MMFGR148		4.69	<10	<1	0.24	10	1.20	806	1	0.01	6	1520	14	0.76	13	8
MMFGR149		3.99	<10	<1	0.20	20	0.97	714	<1	0.01	7	1930	9	0.44	7	9
MMFGR150		0.09	<10	<1	0.01	<10	1.74	24	<1	<0.01	<1	40	<2	0.09	<2	<1
MMFGR151		3.74	<10	<1	0.16	20	0.99	649	<1	0.01	5	1470	8	0.66	14	7
MMFGR152		2.35	<10	<1	0.16	<10	0.92	418	2	<0.01	3	520	11	0.90	41	3
MMFGR153		2.51	<10	<1	0.19	10	0.88	400	3	0.01	4	590	12	1.32	41	3
MMFGR154		2.06	<10	<1	0.16	20	1.05	422	3	0.01	4	260	10	0.61	11	4
MMFGR161		3.17	<10	1	0.16	<10	0.90	820	621	0.04	9	680	39	0.22	57	2
MMFGR155		4.17	<10	<1	0.33	10	0.33	796	2	0.01	31	50	9	2.31	106	4
MMFGR156		5.69	<10	<1	0.33	<10	0.68	676	1	0.01	28	530	14	4.89	79	4
MMFGR157		0.05	<10	<1	0.01	<10	1.76	20	<1	<0.01	<1	30	<2	0.09	<2	<1
MMFGR158		3.96	<10	<1	0.29	10	1.22	775	<1	0.01	6	970	11	2.01	27	5
MMFGR159		5.99	10	<1	0.89	10	1.37	616	<1	0.04	11	1320	7	0.21	10	11
MMFGR160		3.19	<10	<1	0.16	<10	0.89	831	610	0.04	8	680	39	0.22	57	2

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 8- OCT- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13170908

Sample Description	Method / Analyte / Units / LOR	ME- ICP41 Sr ppm 1	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2	SCR- 51 WT.+2mm g 0.1	SCR- 51 WT.- 2mm g 0.1
MMFGR139		60	<20	<0.01	<10	<10	20	<10	43	2.3	0.9
MMFGR140		51	<20	<0.01	<10	<10	14	<10	62	3.0	0.7
MMFGR141		34	<20	<0.01	<10	<10	15	<10	81	3.4	0.6
MMFGR142		35	<20	<0.01	<10	<10	8	<10	51	3.4	0.7
MMFGR143		5080	<20	<0.01	<10	<10	<1	<10	2	3.5	<0.1
MMFGR144		46	<20	<0.01	<10	<10	12	<10	105	3.8	0.5
MMFGR145		52	<20	<0.01	<10	<10	24	<10	64	4.2	0.9
MMFGR146		56	<20	<0.01	<10	<10	9	<10	56	2.9	1.4
MMFGR162		115	<20	0.13	<10	<10	79	<10	64		
MMFGR147		79	<20	<0.01	<10	<10	36	<10	49	1.4	2.5
MMFGR148		80	<20	<0.01	<10	<10	49	<10	59	2.0	1.8
MMFGR149		63	<20	<0.01	<10	<10	56	<10	64	2.0	1.4
MMFGR150		5290	<20	<0.01	<10	<10	1	<10	3	3.4	<0.1
MMFGR151		68	<20	<0.01	<10	<10	47	<10	54	2.2	0.3
MMFGR152		65	<20	<0.01	<10	<10	15	<10	45	3.4	0.5
MMFGR153		48	<20	<0.01	<10	<10	12	<10	49	2.7	0.7
MMFGR154		52	<20	<0.01	<10	<10	14	<10	28	4.1	0.4
MMFGR161		102	<20	0.10	<10	<10	32	<10	99		
MMFGR155		44	<20	<0.01	<10	<10	39	<10	95	2.6	1.4
MMFGR156		105	<20	<0.01	<10	<10	18	<10	142	3.7	<0.1
MMFGR157		5170	<20	<0.01	<10	<10	<1	<10	<2	3.5	1.3
MMFGR158		149	<20	<0.01	<10	<10	23	<10	51	4.0	0.6
MMFGR159		67	<20	0.15	<10	<10	91	<10	95	4.2	0.3
MMFGR160		99	<20	0.10	<10	<10	32	<10	100		

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CERTIFICATE OF ANALYSIS WH13170908

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- AA23	Au- GRA21	BAG- 01	CRU- 31
CRU- QC	LOG- 22	LOG- 24	ME- ICP41
PUL- 32m	PUL- QC	SCR- 51	SPL- 21
WEI- 21			

5.2 Soil and Silt Samples

ALS Canada Ltd.
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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 10- SEP- 2013
Account: TELOEX

CERTIFICATE WH13150633

Project: ALSM- CW13- 042- R1- Teloex

P.O. No.: FG13- 001

This report is for 196 Soil samples submitted to our lab in Whitehorse, YT, Canada on 19- AUG- 2013.

The following have access to data associated with this certificate:

JESSE CAMPBELL MIKE MCCUAIG	CHRIS GALLAGHER	GRAEME HOPKINS

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

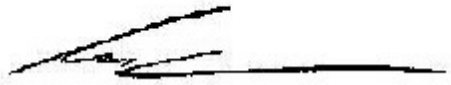
ALS CODE	DESCRIPTION	INSTRUMENT
Au- TL44	Trace Level Au - 50 g AR	ICP- MS
ME- MS41	51 anal. aqua regia ICPMS	

To: **TERRALOGIC EXPLORATION SERVICES INC.**
ATTN: MIKE MCCUAIG
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

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

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

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 10- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- Teloex

CERTIFICATE OF ANALYSIS WH13150633

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- TL44 Au ppm 0.001	ME- MS41 Ag ppm 0.01	ME- MS41 Al % 0.01	ME- MS41 As ppm 0.1	ME- MS41 Au ppm 0.2	ME- MS41 B ppm 10	ME- MS41 Ba ppm 10	ME- MS41 Be ppm 0.05	ME- MS41 Bi ppm 0.01	ME- MS41 Ca % 0.01	ME- MS41 Cd ppm 0.01	ME- MS41 Ce ppm 0.02	ME- MS41 Co ppm 0.1	ME- MS41 Cr ppm 1
FGL001 00+00		0.34	0.001	0.07	0.24	0.6	<0.2	<10	30	<0.05	0.03	0.10	0.03	3.74	1.9	2
FGL001 00+25W		0.44	0.001	0.04	1.84	15.4	<0.2	<10	150	0.48	0.19	0.20	0.10	25.0	10.2	20
FGL001 00+50W		0.44	0.002	0.08	1.57	52.1	<0.2	<10	250	0.33	0.22	0.26	0.20	17.40	7.5	25
FGL001 00+75W		0.52	0.003	0.25	1.35	61.6	<0.2	<10	170	0.26	0.23	0.24	0.15	19.15	7.6	21
FGL001 01+00W		0.71	0.011	0.24	2.21	79.4	<0.2	<10	210	0.59	0.23	0.36	0.25	47.7	12.1	26
FGL001 01+25W		0.54	0.003	0.18	1.37	44.9	<0.2	<10	120	0.25	0.25	0.24	0.25	17.60	6.8	22
FGL001 01+50W		0.70	0.020	0.48	1.66	110.5	<0.2	<10	180	0.46	0.33	0.99	0.60	36.1	11.6	26
FGL001 01+75W		0.47	0.007	0.25	1.23	34.1	<0.2	<10	170	0.38	0.18	0.83	0.29	25.5	9.1	18
FGL001 02+00W		0.61	0.009	0.15	1.67	96.2	<0.2	<10	160	0.41	0.26	0.44	0.27	30.0	9.8	27
FGL001 02+25W		0.74	0.020	0.46	1.35	78.0	<0.2	<10	260	0.57	0.28	0.89	0.62	53.4	11.9	19
FGL001 02+50W		0.57	0.034	0.53	1.81	121.0	<0.2	<10	300	0.69	0.22	0.85	0.63	56.2	12.5	20
FGL001 02+75W		0.38	0.015	0.37	0.97	48.3	<0.2	<10	150	0.28	0.19	0.57	0.44	23.0	4.5	11
FGL001 03+00W		0.45	0.018	0.47	1.30	78.9	<0.2	<10	170	0.38	0.27	0.69	1.07	31.8	8.1	15
FGL001 03+25W		0.51	0.011	0.80	1.47	61.2	<0.2	<10	110	0.22	0.48	0.27	0.47	18.60	13.5	21
FGL001 03+50W		0.40	0.021	1.51	1.21	62.1	<0.2	<10	120	0.19	1.54	0.37	0.94	14.00	4.1	20
FGL001 03+75W		0.24	0.013	1.64	1.22	70.7	<0.2	<10	120	0.17	1.40	0.36	1.10	13.00	7.5	21
FGL001 04+00W		0.59	0.057	1.97	2.05	131.0	<0.2	<10	160	0.34	2.45	0.33	1.09	23.0	7.9	34
FGL001 04+25W		0.58	0.035	0.82	1.09	216	<0.2	<10	80	0.28	1.75	0.20	0.68	13.10	7.4	19
FGL001 04+50W		0.41	0.031	0.95	1.19	132.0	<0.2	<10	100	0.19	1.70	0.21	0.55	13.00	6.7	19
FGL001 04+75W		0.55	0.022	1.91	1.97	142.5	<0.2	<10	140	0.35	2.13	0.27	0.60	20.5	9.5	32
FGL001 05+00W		0.69	0.027	2.26	2.36	146.0	<0.2	<10	170	0.38	2.39	0.32	0.75	23.2	15.4	37
FGL001 05+25W		0.73	0.020	1.31	2.00	105.5	<0.2	<10	150	0.31	1.15	0.30	0.68	22.1	9.1	38
FGL001 05+50W		0.43	0.025	1.10	1.87	104.0	<0.2	<10	140	0.28	0.84	0.28	0.71	18.35	9.3	34
FGL001 05+75W		0.53	0.020	0.85	1.28	69.7	<0.2	<10	120	0.22	0.90	0.29	0.37	12.90	7.6	19
FGL001 06+00W		0.66	0.030	2.64	1.45	317	<0.2	<10	160	0.26	2.09	0.27	1.11	17.60	12.6	23
FGL001 06+25W		0.51	0.084	1.91	1.26	418	<0.2	<10	380	0.31	1.57	0.27	1.41	21.4	7.3	22
FGL001 06+50W		0.62	0.219	2.47	0.96	434	0.2	<10	430	0.25	1.39	0.23	1.06	15.00	5.8	17
FGL001 06+75W		0.45	0.045	1.20	0.44	160.5	<0.2	<10	150	0.11	0.61	0.08	0.68	5.40	2.7	5
FGL001 07+00W		0.66	0.189	3.57	1.27	656	0.2	<10	540	0.30	3.61	0.25	1.77	16.45	6.6	20
FGL001 07+25W		0.48	0.006	1.13	1.58	116.5	<0.2	<10	340	0.27	0.57	0.16	1.20	14.85	8.6	23
FGL001 07+50W		0.41	0.009	0.90	1.16	130.5	<0.2	<10	270	0.21	0.29	0.13	0.78	13.45	5.2	17
FGL001 07+75W		0.38	0.004	0.56	0.71	46.3	<0.2	<10	140	0.19	0.23	0.10	0.25	9.92	3.4	7
FGL001 08+00W		0.47	0.072	0.55	1.16	352	<0.2	<10	130	0.36	0.42	0.10	0.89	18.60	6.9	18
FGL001 08+25W		0.56	0.011	0.62	2.01	293	<0.2	<10	180	0.32	1.24	0.17	0.62	16.55	7.9	26
FGL001 08+50W		0.52	0.018	0.83	1.60	350	<0.2	<10	170	0.47	0.69	0.23	0.54	33.5	8.0	21
FGL001 08+75W		0.37	0.007	1.04	0.56	119.0	<0.2	<10	80	0.13	0.26	0.07	0.60	6.84	5.0	6
FGL001 09+00W		0.50	0.020	1.10	1.95	416	<0.2	<10	510	0.45	0.77	0.31	1.78	24.9	11.1	28
FGL001 09+25W		0.48	0.051	5.39	1.45	656	<0.2	<10	260	0.39	9.11	0.25	2.76	29.5	8.1	27
FGL001 09+50W		0.54	0.019	1.12	1.39	265	<0.2	<10	200	0.32	1.46	0.27	1.47	20.2	7.8	21
FGL001 09+75W		0.51	0.007	0.39	1.88	201	<0.2	<10	240	0.41	1.17	0.28	0.31	20.8	8.4	19

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CRANBROOK BC V1C 2R7

Finalized Date: 10- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- Teloex

CERTIFICATE OF ANALYSIS WH13150633

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
FGL001 00+00		0.56	3.2	0.56	1.35	<0.05	<0.02	<0.01	<0.005	0.03	1.7	0.6	0.03	124	0.12	0.03
FGL001 00+25W		9.36	13.9	4.41	8.15	0.05	0.02	0.01	0.039	0.17	10.6	15.1	0.86	305	0.53	0.01
FGL001 00+50W		2.33	19.7	2.49	5.28	<0.05	0.03	0.01	0.022	0.08	8.8	12.5	0.44	244	0.90	0.02
FGL001 00+75W		3.76	12.4	2.37	5.07	<0.05	<0.02	0.01	0.023	0.10	9.1	12.2	0.44	220	0.74	0.01
FGL001 01+00W		10.55	20.7	3.37	7.58	0.08	0.04	0.02	0.033	0.26	36.5	16.9	0.92	403	0.67	0.02
FGL001 01+25W		2.16	13.1	2.08	4.79	<0.05	0.03	0.01	0.021	0.08	8.9	10.9	0.51	231	0.65	0.02
FGL001 01+50W		5.93	22.7	2.94	5.93	0.08	0.05	0.04	0.035	0.15	20.8	12.2	0.89	473	0.55	0.02
FGL001 01+75W		2.97	20.3	1.79	4.19	0.05	0.03	0.05	0.023	0.07	14.3	8.9	0.55	463	0.50	0.02
FGL001 02+00W		5.67	13.4	2.69	5.78	0.06	0.04	0.02	0.027	0.13	16.0	13.3	0.76	302	0.63	0.02
FGL001 02+25W		7.15	26.5	2.51	4.45	0.10	0.04	0.07	0.030	0.11	42.1	9.0	0.47	820	0.62	0.01
FGL001 02+50W		9.58	26.4	3.12	6.60	0.12	0.05	0.08	0.030	0.22	43.1	13.5	0.78	600	0.63	0.02
FGL001 02+75W		3.11	21.0	1.24	3.25	<0.05	0.02	0.03	0.016	0.07	16.1	5.2	0.23	204	0.34	0.03
FGL001 03+00W		4.47	23.1	1.89	4.45	0.06	0.02	0.06	0.022	0.08	20.2	8.1	0.48	565	0.52	0.02
FGL001 03+25W		2.49	17.1	2.25	5.49	<0.05	<0.02	0.04	0.029	0.07	9.4	9.7	0.55	515	0.90	0.01
FGL001 03+50W		2.94	16.8	1.54	4.39	<0.05	<0.02	0.04	0.048	0.07	7.1	6.4	0.41	161	0.43	0.02
FGL001 03+75W		3.24	20.4	1.60	4.83	<0.05	<0.02	0.06	0.040	0.07	6.5	6.4	0.42	448	1.19	0.01
FGL001 04+00W		4.21	41.5	2.65	6.64	0.05	<0.02	0.05	0.085	0.12	12.6	11.9	0.72	238	1.03	0.01
FGL001 04+25W		2.30	35.0	1.67	3.99	<0.05	<0.02	0.02	0.071	0.08	6.5	6.2	0.31	364	1.49	0.02
FGL001 04+50W		2.17	41.0	1.66	3.88	<0.05	<0.02	0.02	0.063	0.07	6.5	6.2	0.33	259	1.15	0.02
FGL001 04+75W		2.90	91.5	2.89	6.36	<0.05	<0.02	0.05	0.105	0.09	10.7	12.4	0.62	241	1.30	0.01
FGL001 05+00W		3.89	71.0	3.04	7.60	0.06	0.02	0.05	0.089	0.15	12.2	16.9	0.80	415	1.53	0.01
FGL001 05+25W		4.19	41.5	2.50	6.67	<0.05	<0.02	0.03	0.048	0.12	11.7	12.8	0.69	250	1.22	0.01
FGL001 05+50W		2.98	38.5	2.32	5.69	<0.05	<0.02	0.04	0.033	0.13	9.7	12.6	0.66	249	0.88	0.01
FGL001 05+75W		2.26	36.5	2.02	4.18	<0.05	<0.02	0.03	0.049	0.08	7.0	8.3	0.40	221	0.60	0.01
FGL001 06+00W		3.35	73.2	2.28	5.22	<0.05	<0.02	0.04	0.093	0.11	9.3	9.2	0.45	431	1.48	0.01
FGL001 06+25W		3.75	35.1	1.94	4.16	<0.05	<0.02	0.06	0.058	0.07	11.8	8.9	0.30	240	1.17	0.01
FGL001 06+50W		3.77	50.0	1.85	3.65	<0.05	<0.02	0.10	0.054	0.07	7.9	5.5	0.18	265	1.15	0.01
FGL001 06+75W		1.08	24.6	1.06	2.15	<0.05	<0.02	0.02	0.014	0.04	2.7	1.5	0.05	79	0.40	0.02
FGL001 07+00W		3.42	69.8	2.12	4.41	<0.05	<0.02	0.11	0.046	0.10	8.6	8.2	0.29	278	1.88	0.01
FGL001 07+25W		1.21	20.3	2.33	5.80	<0.05	<0.02	0.02	0.024	0.06	7.4	10.9	0.30	985	1.28	<0.01
FGL001 07+50W		0.92	17.3	1.76	4.39	<0.05	<0.02	0.02	0.015	0.06	6.5	7.8	0.22	196	1.02	0.01
FGL001 07+75W		1.02	9.1	1.01	2.85	<0.05	<0.02	0.02	0.008	0.04	4.3	3.7	0.09	281	0.55	0.02
FGL001 08+00W		1.89	23.0	2.00	4.44	<0.05	<0.02	0.02	0.060	0.10	9.3	7.8	0.31	375	1.33	0.01
FGL001 08+25W		1.67	16.9	2.56	6.05	<0.05	0.02	0.02	0.032	0.10	8.4	13.3	0.47	237	0.96	0.01
FGL001 08+50W		3.02	19.8	2.69	6.19	<0.05	0.02	0.02	0.034	0.16	18.7	10.2	0.42	264	0.81	0.01
FGL001 08+75W		0.93	9.4	1.02	2.73	<0.05	<0.02	0.02	0.010	0.05	3.3	2.9	0.09	432	0.50	0.02
FGL001 09+00W		3.77	33.5	2.83	6.48	<0.05	0.02	0.02	0.055	0.23	13.5	13.5	0.54	937	1.16	0.01
FGL001 09+25W		2.02	43.0	2.61	5.02	0.06	0.03	0.02	0.117	0.14	14.3	11.2	0.48	381	1.67	<0.01
FGL001 09+50W		1.46	29.4	2.18	4.66	<0.05	0.04	0.06	0.037	0.13	8.6	10.7	0.44	402	0.93	0.01
FGL001 09+75W		2.66	18.8	2.77	6.26	0.05	0.05	0.01	0.022	0.27	8.3	14.0	0.58	332	0.76	0.01

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

ALS Canada Ltd.
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 10- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- Teloex

CERTIFICATE OF ANALYSIS WH13150633

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
FGL001 00+00		0.25	1.2	340	0.9	2.7	<0.001	<0.01	0.09	0.3	<0.2	<0.2	10.6	<0.01	0.01	<0.2
FGL001 00+25W		0.89	12.3	240	7.8	27.0	<0.001	<0.01	4.64	7.5	0.5	0.9	18.8	<0.01	0.01	11.3
FGL001 00+50W		1.42	15.4	200	12.6	12.0	<0.001	<0.01	2.07	3.3	0.4	0.5	24.0	<0.01	0.04	2.9
FGL001 00+75W		1.28	12.8	220	22.0	16.8	<0.001	<0.01	2.20	3.4	0.3	0.4	19.0	<0.01	0.03	2.7
FGL001 01+00W		1.49	18.4	330	21.8	33.4	<0.001	0.01	2.70	8.5	1.0	0.6	23.9	<0.01	0.04	8.4
FGL001 01+25W		1.39	13.9	190	16.3	13.6	<0.001	<0.01	1.16	3.1	0.2	0.4	23.0	<0.01	0.02	3.1
FGL001 01+50W		1.44	16.5	730	51.9	22.8	<0.001	0.03	2.85	5.7	0.9	0.5	51.0	<0.01	0.02	4.9
FGL001 01+75W		0.98	11.6	660	15.0	10.4	<0.001	0.04	1.63	3.2	0.8	0.3	43.0	<0.01	0.01	1.9
FGL001 02+00W		1.35	16.8	340	16.8	18.2	<0.001	0.01	2.57	5.1	0.4	0.5	27.4	<0.01	0.02	6.2
FGL001 02+25W		0.79	16.7	770	16.6	18.6	<0.001	0.04	5.90	6.6	1.4	0.3	45.2	<0.01	0.02	2.8
FGL001 02+50W		1.15	18.3	710	16.6	28.9	<0.001	0.03	24.9	10.2	1.5	0.5	35.5	<0.01	0.01	5.1
FGL001 02+75W		0.70	8.2	450	9.0	11.8	<0.001	0.03	10.15	2.4	0.5	0.2	33.0	<0.01	0.02	1.1
FGL001 03+00W		0.95	10.6	640	20.1	15.5	<0.001	0.05	3.40	3.5	0.5	0.3	42.4	<0.01	0.01	2.1
FGL001 03+25W		1.21	11.4	580	81.1	16.5	<0.001	0.03	2.57	2.8	0.4	0.5	23.0	<0.01	0.03	1.3
FGL001 03+50W		0.94	9.2	480	69.9	14.7	<0.001	0.03	8.94	2.5	0.4	0.5	26.5	<0.01	0.02	0.8
FGL001 03+75W		0.83	9.5	620	61.2	14.6	<0.001	0.05	4.01	2.5	0.6	0.5	27.5	<0.01	0.04	0.4
FGL001 04+00W		1.37	16.7	610	83.0	22.0	<0.001	0.03	4.47	5.0	1.0	0.7	28.1	<0.01	0.06	2.3
FGL001 04+25W		0.81	10.1	460	35.6	14.0	<0.001	0.02	4.31	1.8	0.6	0.4	20.4	<0.01	0.09	1.1
FGL001 04+50W		0.82	10.1	460	34.2	12.3	<0.001	0.02	2.72	2.1	0.7	0.4	21.0	<0.01	0.08	0.8
FGL001 04+75W		1.13	17.2	490	52.5	15.2	<0.001	0.02	3.48	4.3	0.6	0.8	23.9	<0.01	0.07	1.6
FGL001 05+00W		1.36	21.1	500	66.2	25.8	<0.001	0.02	4.01	5.6	0.8	0.8	28.6	<0.01	0.09	2.8
FGL001 05+25W		1.03	17.4	510	47.9	20.9	<0.001	0.01	3.03	4.5	0.4	0.6	24.0	<0.01	0.04	2.1
FGL001 05+50W		0.99	15.7	470	39.5	18.2	<0.001	0.02	3.16	3.3	0.4	0.4	24.1	<0.01	0.04	1.1
FGL001 05+75W		0.64	10.1	480	23.1	10.6	<0.001	0.02	2.95	4.0	0.3	0.4	22.6	<0.01	0.04	1.0
FGL001 06+00W		0.74	12.6	490	94.6	15.1	<0.001	0.02	6.92	3.6	0.7	0.6	26.9	<0.01	0.06	0.9
FGL001 06+25W		0.76	16.2	670	76.8	10.8	<0.001	0.03	8.97	2.9	0.6	0.7	25.6	<0.01	0.04	1.1
FGL001 06+50W		0.41	13.5	720	49.5	9.4	<0.001	0.03	11.45	2.1	0.6	0.6	23.5	<0.01	0.03	0.3
FGL001 06+75W		0.12	4.5	300	29.9	4.8	<0.001	0.02	3.88	0.4	0.2	0.3	11.6	<0.01	0.02	<0.2
FGL001 07+00W		0.48	15.5	710	116.0	12.6	<0.001	0.05	18.95	1.8	0.6	0.6	27.0	<0.01	0.04	0.3
FGL001 07+25W		0.82	13.1	590	33.4	7.8	<0.001	0.01	2.63	1.7	0.4	0.5	17.8	<0.01	0.02	0.4
FGL001 07+50W		0.84	14.0	390	19.9	7.8	<0.001	0.01	3.54	1.6	<0.2	0.4	16.6	<0.01	0.02	0.6
FGL001 07+75W		0.54	5.2	250	13.8	5.5	<0.001	0.01	2.22	0.9	<0.2	0.2	11.1	<0.01	0.01	0.8
FGL001 08+00W		0.87	17.7	290	106.5	13.6	<0.001	0.01	9.41	1.9	0.2	0.4	14.9	<0.01	0.02	1.3
FGL001 08+25W		1.36	22.5	280	27.7	15.6	<0.001	0.01	2.89	2.9	<0.2	0.5	19.9	<0.01	0.03	2.6
FGL001 08+50W		1.19	14.1	370	25.6	22.0	<0.001	0.01	4.88	3.7	0.4	0.5	24.1	<0.01	0.03	3.3
FGL001 08+75W		0.43	3.6	290	8.6	6.9	<0.001	0.01	1.89	0.8	0.2	0.2	9.9	<0.01	0.02	0.6
FGL001 09+00W		1.23	15.7	430	107.5	38.8	<0.001	0.01	7.50	3.4	0.4	0.6	34.9	<0.01	0.04	4.5
FGL001 09+25W		1.34	19.1	280	280	19.0	<0.001	0.04	11.25	3.2	0.5	0.9	32.0	<0.01	0.09	4.1
FGL001 09+50W		1.37	14.5	250	51.9	17.5	<0.001	0.01	3.77	3.0	0.3	0.5	29.7	<0.01	0.01	3.2
FGL001 09+75W		1.64	11.1	290	28.1	30.9	<0.001	<0.01	3.77	3.2	0.3	0.7	32.3	<0.01	0.02	5.7

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

ALS Canada Ltd.
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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 10- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- Teloex

CERTIFICATE OF ANALYSIS WH13150633

Sample Description	Method Analyte Units LOR	ME- MS41 Ti % 0.005	ME- MS41 Tl ppm 0.02	ME- MS41 U ppm 0.05	ME- MS41 V ppm 1	ME- MS41 W ppm 0.05	ME- MS41 Y ppm 0.05	ME- MS41 Zn ppm 2	ME- MS41 Zr ppm 0.5
FGL001 00+00		0.030	0.04	0.07	21	<0.05	0.69	10	<0.5
FGL001 00+25W		0.050	0.42	1.84	84	0.29	7.32	61	0.8
FGL001 00+50W		0.066	0.16	0.51	58	0.23	3.16	53	1.2
FGL001 00+75W		0.061	0.33	0.54	51	0.24	3.27	55	0.6
FGL001 01+00W		0.089	0.52	1.35	69	0.27	19.80	83	1.6
FGL001 01+25W		0.077	0.18	0.56	47	0.16	3.55	53	1.5
FGL001 01+50W		0.077	0.40	2.45	60	0.21	13.30	106	1.7
FGL001 01+75W		0.050	0.20	1.23	38	0.14	9.75	50	1.2
FGL001 02+00W		0.083	0.28	0.90	58	0.19	7.80	71	1.8
FGL001 02+25W		0.045	0.38	2.25	50	0.25	33.5	69	1.0
FGL001 02+50W		0.065	0.63	2.69	65	0.23	36.9	77	1.3
FGL001 02+75W		0.035	0.14	1.13	27	0.12	10.30	36	0.7
FGL001 03+00W		0.050	0.23	2.07	40	0.15	12.25	75	0.9
FGL001 03+25W		0.071	0.19	0.81	51	0.27	3.76	127	<0.5
FGL001 03+50W		0.056	0.28	0.65	36	0.41	3.19	188	<0.5
FGL001 03+75W		0.056	0.27	0.68	36	0.29	2.98	165	<0.5
FGL001 04+00W		0.092	0.41	1.25	58	0.34	5.08	269	<0.5
FGL001 04+25W		0.057	0.20	1.35	38	0.36	3.06	116	<0.5
FGL001 04+50W		0.055	0.22	0.81	36	0.33	2.99	108	<0.5
FGL001 04+75W		0.089	0.30	0.97	62	0.41	4.71	190	<0.5
FGL001 05+00W		0.110	0.41	1.19	66	0.63	5.39	254	0.7
FGL001 05+25W		0.095	0.36	0.98	60	0.30	5.12	190	<0.5
FGL001 05+50W		0.096	0.27	0.77	53	0.22	4.48	167	<0.5
FGL001 05+75W		0.066	0.22	0.56	48	0.21	4.34	108	<0.5
FGL001 06+00W		0.066	0.38	0.93	52	0.46	4.03	236	<0.5
FGL001 06+25W		0.038	0.51	1.16	39	0.17	6.14	263	<0.5
FGL001 06+50W		0.040	0.71	1.01	42	0.10	5.28	245	<0.5
FGL001 06+75W		0.039	0.16	0.54	32	<0.05	2.07	64	<0.5
FGL001 07+00W		0.038	0.75	1.51	44	0.15	4.85	291	<0.5
FGL001 07+25W		0.057	0.17	0.41	62	0.20	2.14	250	<0.5
FGL001 07+50W		0.056	0.15	0.44	46	0.17	2.12	108	<0.5
FGL001 07+75W		0.031	0.10	0.28	27	0.09	1.50	65	0.6
FGL001 08+00W		0.052	0.29	0.66	44	0.16	3.37	226	<0.5
FGL001 08+25W		0.079	0.17	0.44	57	0.18	2.62	140	0.9
FGL001 08+50W		0.074	0.30	0.78	64	0.12	8.27	138	0.6
FGL001 08+75W		0.033	0.08	0.26	26	0.08	1.05	62	<0.5
FGL001 09+00W		0.097	0.33	0.83	60	0.17	7.36	486	0.8
FGL001 09+25W		0.070	0.30	1.01	48	0.16	4.22	371	1.0
FGL001 09+50W		0.081	0.18	0.67	49	0.17	3.91	196	1.3
FGL001 09+75W		0.137	0.41	0.62	64	0.15	3.38	93	1.8

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

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 10- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- Teloex

CERTIFICATE OF ANALYSIS WH13150633

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- TL44 Au ppm 0.001	ME- MS41 Ag ppm 0.01	ME- MS41 Al % 0.01	ME- MS41 As ppm 0.1	ME- MS41 Au ppm 0.2	ME- MS41 B ppm 10	ME- MS41 Ba ppm 10	ME- MS41 Be ppm 0.05	ME- MS41 Bi ppm 0.01	ME- MS41 Ca % 0.01	ME- MS41 Cd ppm 0.01	ME- MS41 Ce ppm 0.02	ME- MS41 Co ppm 0.1	ME- MS41 Cr ppm 1
FGL001 10+00W		0.48	0.004	1.09	1.46	314	<0.2	<10	240	0.42	1.02	0.14	0.47	33.2	6.3	21
FGL001 10+25W		0.60	0.029	0.45	3.13	474	<0.2	<10	340	0.72	1.28	0.39	0.39	30.3	10.0	19
FGL001 10+50W		0.48	0.005	0.18	1.49	91.9	<0.2	<10	90	0.28	0.32	0.17	0.23	17.70	6.2	20
FGL001 10+75W		0.54	0.003	0.26	1.40	79.5	<0.2	<10	150	0.30	0.30	0.22	0.24	19.25	6.2	20
FGL001 11+00W		0.41	0.008	0.72	1.70	262	<0.2	<10	200	0.61	1.09	0.30	0.52	28.9	6.8	15
FGL001 11+25W		0.43	0.089	0.37	1.48	53.4	<0.2	<10	190	0.28	1.06	0.48	0.64	24.3	8.6	22
FGL001 11+50W		0.50	0.009	0.39	1.98	86.0	<0.2	<10	270	0.34	0.88	0.50	0.51	28.4	12.1	25
FGL001 11+75W		0.62	0.020	0.67	1.95	83.3	<0.2	<10	240	0.39	0.95	0.41	0.50	25.6	10.8	24
FGL001 12+00W		0.43	0.011	0.27	0.78	52.8	<0.2	<10	120	0.25	0.30	0.20	0.09	18.65	5.6	8
FGL002 00+00		0.30	0.005	0.21	0.97	37.9	<0.2	<10	170	0.27	0.19	0.20	0.39	22.2	6.3	16
FGL002 00+25W		0.42	0.004	0.11	1.59	71.4	<0.2	<10	130	0.25	0.26	0.19	0.33	31.6	12.9	21
FGL002 00+50W		0.28	0.005	0.40	1.60	46.7	<0.2	<10	220	0.38	0.24	0.21	1.08	35.5	10.9	22
FGL002 00+75W		0.31	0.004	0.13	0.97	28.1	<0.2	<10	60	0.13	0.14	0.09	0.19	11.30	6.1	12
FGL002 01+00W		0.35	0.001	0.10	1.43	20.7	<0.2	<10	100	0.19	0.18	0.20	0.18	15.70	6.3	22
FGL002 01+25W		0.42	0.004	0.28	1.69	40.0	<0.2	<10	110	0.26	0.22	0.17	0.33	18.00	7.9	24
FGL002 01+50W		0.33	0.003	0.18	0.75	16.1	<0.2	<10	80	0.17	0.07	0.21	0.08	16.60	4.5	8
FGL002 01+75W		0.35	0.005	0.22	1.13	25.7	<0.2	<10	140	0.33	0.17	0.25	0.10	25.5	6.9	15
FGL002 02+00W		0.33	0.003	0.12	0.84	30.5	<0.2	<10	90	0.19	0.14	0.24	0.10	13.75	4.0	12
FGL002 02+25W		0.21	0.011	0.28	0.78	41.3	<0.2	<10	120	0.25	0.15	0.66	0.36	17.90	4.4	10
FGL002 02+50W		0.23	0.017	1.02	1.15	109.5	<0.2	<10	160	0.26	0.34	0.49	0.78	26.4	9.5	12
FGL002 02+75W		0.42	0.014	0.52	1.50	110.0	<0.2	<10	150	0.35	0.37	0.42	0.45	27.8	8.0	16
FGL002 03+00W		0.62	0.025	0.64	1.84	89.0	<0.2	<10	180	0.50	0.48	0.49	0.52	34.0	10.0	27
FGL002 03+25W		0.29	0.008	0.53	1.31	40.5	<0.2	<10	140	0.23	0.35	0.39	0.49	17.75	10.0	20
FGL002 03+50W		0.26	0.013	1.10	1.21	52.9	<0.2	<10	100	0.18	0.43	0.27	0.73	15.90	5.9	19
FGL002 03+75W		0.16	0.012	0.82	1.13	45.9	<0.2	<10	90	0.15	0.50	0.22	0.57	14.90	4.0	19
FGL002 04+00W		0.31	0.014	1.06	1.28	88.8	<0.2	<10	100	0.17	0.97	0.29	0.74	17.90	5.4	21
FGL002 04+25W		0.55	0.018	0.84	1.36	208	<0.2	<10	160	0.23	2.62	0.34	1.38	17.15	21.5	24
FGL002 04+50W		0.32	0.010	0.87	0.59	48.9	<0.2	<10	70	0.11	0.74	0.19	0.70	6.20	5.2	10
FGL002 04+75W		0.48	0.015	0.67	1.20	115.5	<0.2	<10	110	0.17	1.13	0.24	0.60	11.90	10.5	22
FGL002 05+00W		0.22	0.015	1.22	1.38	111.5	<0.2	<10	110	0.25	1.88	0.27	0.80	13.25	8.9	22
FGL002 05+25W		0.39	0.018	1.69	1.55	115.5	<0.2	<10	130	0.27	1.27	0.24	0.57	15.80	10.9	27
FGL002 05+50W		0.41	0.011	0.96	0.64	113.0	<0.2	<10	70	0.18	0.70	0.13	0.52	9.25	29.6	12
FGL002 05+75W		0.40	0.010	1.11	1.05	93.4	<0.2	<10	90	0.22	0.78	0.15	0.96	10.20	10.5	19
FGL002 06+00W		0.21	0.038	1.60	1.30	473	<0.2	<10	90	0.24	2.62	0.15	1.52	13.00	8.1	21
FGL002 06+25W		0.30	0.015	0.65	1.12	243	<0.2	<10	290	0.36	0.44	0.19	2.10	16.15	8.1	19
FGL002 06+50W		0.41	0.019	0.75	1.70	411	<0.2	<10	300	0.37	0.97	0.18	1.17	19.80	9.0	26
FGL002 06+75W		0.29	0.005	0.60	0.42	120.5	<0.2	<10	90	0.07	0.27	0.08	0.24	5.67	1.5	4
FGL002 07+00W		0.31	0.009	0.98	0.67	147.0	<0.2	<10	210	0.13	1.09	0.15	0.57	13.90	3.3	12
FGL002 07+25W		0.40	0.044	1.94	2.12	226	<0.2	<10	320	0.51	0.76	0.19	0.72	22.7	10.2	29
FGL002 07+50W		0.19	0.011	2.28	0.33	154.5	<0.2	<10	60	0.09	0.50	0.04	0.59	3.82	1.8	4

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

ALS Canada Ltd.
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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 10- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- Teloex

CERTIFICATE OF ANALYSIS WH13150633

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
FGL001 10+00W		1.29	21.9	2.47	4.76	0.05	0.02	0.02	0.023	0.12	15.8	9.0	0.36	230	1.43	<0.01
FGL001 10+25W		6.78	28.6	4.27	9.90	0.07	0.06	0.02	0.046	0.52	11.8	17.9	1.03	465	0.81	0.01
FGL001 10+50W		0.96	11.5	2.14	4.84	<0.05	0.04	0.01	0.015	0.10	7.5	11.3	0.40	185	0.77	<0.01
FGL001 10+75W		1.02	8.6	2.09	4.62	<0.05	0.06	0.02	0.012	0.08	8.3	9.4	0.35	303	0.84	<0.01
FGL001 11+00W		3.18	15.2	2.50	5.80	0.05	0.03	0.02	0.032	0.21	13.2	11.4	0.47	489	0.89	0.01
FGL001 11+25W		2.15	21.0	2.55	5.28	0.06	0.02	0.03	0.026	0.14	10.7	9.1	0.51	327	0.74	0.01
FGL001 11+50W		2.86	24.6	3.26	6.79	0.07	0.04	0.03	0.033	0.20	12.8	13.3	0.76	469	0.90	0.01
FGL001 11+75W		2.92	22.7	2.61	6.55	0.05	0.02	0.04	0.023	0.18	12.0	11.6	0.60	445	0.76	0.02
FGL001 12+00W		0.99	15.7	1.21	2.62	<0.05	<0.02	0.03	0.012	0.08	10.7	4.1	0.19	303	0.33	0.02
FGL002 00+00		3.65	9.8	1.98	3.64	<0.05	<0.02	0.02	0.020	0.07	13.5	6.9	0.32	365	0.50	0.01
FGL002 00+25W		9.49	9.1	3.02	6.71	<0.05	<0.02	0.01	0.028	0.19	17.2	9.7	0.60	488	0.78	<0.01
FGL002 00+50W		4.75	22.3	2.30	5.95	<0.05	<0.02	0.03	0.026	0.09	19.4	10.0	0.42	1300	0.73	0.01
FGL002 00+75W		2.25	6.9	1.66	4.04	<0.05	<0.02	0.01	0.011	0.06	5.6	6.3	0.27	261	0.41	0.02
FGL002 01+00W		1.51	9.7	2.21	4.90	<0.05	0.02	0.01	0.014	0.07	8.4	12.4	0.40	181	0.70	<0.01
FGL002 01+25W		1.89	11.5	2.47	5.90	<0.05	0.02	0.01	0.019	0.09	9.4	15.5	0.53	213	0.84	<0.01
FGL002 01+50W		2.54	12.2	1.29	3.38	<0.05	<0.02	0.03	0.010	0.06	11.6	4.5	0.19	128	0.27	0.03
FGL002 01+75W		2.75	12.6	1.65	4.27	0.05	<0.02	0.03	0.017	0.06	14.8	8.3	0.37	412	0.45	0.02
FGL002 02+00W		2.18	10.5	1.32	3.27	<0.05	<0.02	0.02	0.012	0.06	8.1	6.0	0.27	144	0.36	0.02
FGL002 02+25W		1.57	16.5	1.05	2.68	<0.05	0.02	0.05	0.011	0.05	9.9	4.3	0.22	292	0.35	0.03
FGL002 02+50W		3.46	22.2	1.44	3.83	0.05	<0.02	0.05	0.030	0.07	17.2	7.3	0.29	1040	0.59	0.03
FGL002 02+75W		6.33	20.6	2.05	5.44	0.05	<0.02	0.02	0.027	0.12	14.6	11.3	0.54	361	0.53	0.03
FGL002 03+00W		4.44	21.7	2.61	6.35	0.06	0.03	0.04	0.035	0.10	21.7	14.4	0.69	642	0.68	0.01
FGL002 03+25W		2.05	15.4	2.00	5.06	<0.05	<0.02	0.03	0.019	0.07	9.0	9.0	0.50	749	0.68	0.02
FGL002 03+50W		2.06	19.5	1.82	4.94	<0.05	<0.02	0.05	0.026	0.07	8.7	7.8	0.48	240	0.75	0.01
FGL002 03+75W		1.81	14.8	1.50	5.33	<0.05	<0.02	0.05	0.029	0.07	7.9	6.2	0.39	134	0.47	0.01
FGL002 04+00W		2.20	15.2	1.73	5.51	<0.05	<0.02	0.06	0.035	0.08	9.6	8.1	0.47	244	0.84	0.01
FGL002 04+25W		4.09	25.5	2.49	6.21	<0.05	<0.02	0.02	0.058	0.10	8.6	9.2	0.53	2340	1.94	0.02
FGL002 04+50W		1.35	14.1	1.05	2.49	<0.05	<0.02	0.03	0.023	0.05	3.1	2.9	0.17	408	0.78	0.02
FGL002 04+75W		2.83	25.1	1.96	4.81	<0.05	<0.02	0.03	0.040	0.10	5.7	7.6	0.46	430	1.11	0.02
FGL002 05+00W		2.28	43.3	1.98	4.73	0.05	<0.02	0.05	0.059	0.10	6.5	8.2	0.45	321	1.11	0.02
FGL002 05+25W		2.55	73.1	2.20	5.62	0.05	<0.02	0.03	0.060	0.11	8.4	10.8	0.55	443	0.79	0.02
FGL002 05+50W		0.99	24.3	1.57	3.30	<0.05	<0.02	0.02	0.033	0.05	3.9	3.1	0.16	1720	1.39	0.02
FGL002 05+75W		1.73	30.2	1.67	5.05	<0.05	<0.02	0.02	0.026	0.07	4.8	6.1	0.29	451	0.67	0.02
FGL002 06+00W		2.28	49.9	2.73	5.99	0.05	<0.02	0.02	0.156	0.13	6.8	8.5	0.42	403	1.06	0.02
FGL002 06+25W		2.77	38.0	1.69	4.49	<0.05	<0.02	0.02	0.033	0.07	9.0	7.3	0.27	598	0.86	0.02
FGL002 06+50W		2.79	20.4	2.63	6.57	<0.05	<0.02	0.02	0.037	0.07	10.2	14.9	0.39	565	1.24	0.01
FGL002 06+75W		0.35	6.8	0.69	1.99	<0.05	<0.02	0.01	0.014	0.03	2.8	1.4	0.04	56	0.40	0.02
FGL002 07+00W		0.63	22.3	1.57	4.23	<0.05	<0.02	0.01	0.015	0.04	7.0	4.2	0.12	453	0.94	0.01
FGL002 07+25W		1.68	29.0	2.70	6.74	<0.05	0.04	0.03	0.036	0.07	11.1	13.0	0.45	793	1.12	0.01
FGL002 07+50W		0.35	7.3	0.68	1.58	<0.05	<0.02	0.02	0.019	0.03	2.0	1.0	0.03	110	0.68	0.02

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

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 10- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- Teloex

CERTIFICATE OF ANALYSIS WH13150633

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
FGL001 10+00W		1.17	13.4	190	36.7	11.7	<0.001	0.01	5.39	2.6	0.4	0.6	15.0	<0.01	0.03	5.1
FGL001 10+25W		1.91	10.5	710	34.4	72.5	<0.001	0.01	9.95	5.3	0.6	1.1	41.9	<0.01	0.02	7.4
FGL001 10+50W		1.70	12.3	180	14.5	13.1	<0.001	<0.01	1.63	2.3	0.4	0.5	15.5	<0.01	0.01	6.2
FGL001 10+75W		1.66	10.8	140	12.4	9.9	<0.001	<0.01	1.61	2.5	0.3	0.5	21.6	<0.01	0.01	4.8
FGL001 11+00W		1.90	8.5	330	21.5	30.6	<0.001	0.01	6.87	2.9	0.4	0.6	35.9	<0.01	0.03	8.1
FGL001 11+25W		1.32	10.4	800	24.0	19.4	<0.001	0.03	2.35	3.5	0.5	0.5	35.4	0.01	0.03	1.9
FGL001 11+50W		1.76	12.5	850	24.8	28.1	0.001	0.02	2.72	4.6	0.5	0.6	38.7	<0.01	0.03	3.3
FGL001 11+75W		1.28	11.8	620	22.3	28.2	<0.001	0.02	2.49	3.9	0.4	0.5	36.5	<0.01	0.05	2.2
FGL001 12+00W		0.45	4.7	370	7.8	9.2	<0.001	0.02	1.27	1.4	0.6	0.2	20.8	<0.01	0.02	0.5
FGL002 00+00		0.47	8.6	360	17.7	10.3	<0.001	0.01	1.13	2.1	0.2	0.3	16.8	<0.01	0.01	0.9
FGL002 00+25W		0.87	10.4	280	25.1	36.4	<0.001	0.01	2.66	4.2	0.3	0.5	20.8	<0.01	0.01	3.8
FGL002 00+50W		0.98	13.5	270	21.1	23.6	<0.001	0.01	1.32	3.8	0.5	0.5	21.8	<0.01	0.02	2.8
FGL002 00+75W		0.61	6.1	240	12.6	11.6	<0.001	0.01	0.82	1.4	0.2	0.3	10.2	<0.01	0.01	0.8
FGL002 01+00W		1.29	12.1	140	13.3	15.5	<0.001	<0.01	0.99	2.3	0.2	0.4	18.7	<0.01	0.02	2.4
FGL002 01+25W		1.64	14.2	160	24.4	17.1	<0.001	0.01	1.57	2.7	0.2	0.5	21.0	<0.01	0.03	4.0
FGL002 01+50W		0.39	6.8	370	6.5	9.6	<0.001	0.01	0.55	1.8	0.2	0.2	15.1	<0.01	0.01	1.5
FGL002 01+75W		0.69	9.9	280	10.9	9.9	<0.001	0.01	1.01	2.8	0.2	0.3	18.6	<0.01	0.01	2.1
FGL002 02+00W		0.52	7.6	290	9.2	8.7	<0.001	0.01	1.20	1.9	0.3	0.2	15.4	<0.01	0.01	1.2
FGL002 02+25W		0.42	7.3	500	8.3	7.5	<0.001	0.04	1.82	1.7	0.4	0.2	32.2	<0.01	0.01	0.7
FGL002 02+50W		0.48	8.4	570	25.1	11.9	<0.001	0.04	1.19	2.7	0.5	0.3	30.6	<0.01	0.02	1.0
FGL002 02+75W		0.69	11.3	470	17.6	22.6	<0.001	0.02	3.07	3.9	0.3	0.4	25.2	<0.01	0.02	2.1
FGL002 03+00W		0.92	16.3	520	40.2	18.3	<0.001	0.02	7.62	7.3	0.5	0.5	28.3	<0.01	0.03	4.2
FGL002 03+25W		0.75	11.0	540	48.4	13.9	<0.001	0.03	1.68	3.0	0.2	0.4	25.4	<0.01	0.02	1.6
FGL002 03+50W		0.71	10.0	640	73.7	14.0	<0.001	0.04	1.80	2.2	0.4	0.4	21.5	<0.01	0.02	0.7
FGL002 03+75W		0.81	8.9	470	49.9	13.0	<0.001	0.04	3.50	2.1	0.4	0.6	18.9	<0.01	0.02	0.5
FGL002 04+00W		1.06	9.9	490	71.0	16.3	<0.001	0.04	4.71	2.9	0.2	0.6	23.1	<0.01	0.02	1.3
FGL002 04+25W		0.77	12.1	560	135.0	21.5	<0.001	0.03	28.5	3.5	0.4	0.7	27.3	<0.01	0.04	1.6
FGL002 04+50W		0.26	4.9	440	33.0	7.4	<0.001	0.03	9.06	1.3	0.2	0.2	15.8	<0.01	0.01	0.2
FGL002 04+75W		0.51	11.7	410	47.1	17.0	<0.001	0.03	3.31	2.7	0.4	0.5	21.1	<0.01	0.03	0.5
FGL002 05+00W		0.62	12.7	520	36.1	14.5	<0.001	0.03	2.73	2.9	0.6	0.5	24.6	<0.01	0.08	0.6
FGL002 05+25W		0.82	15.8	410	38.1	16.5	<0.001	0.02	3.24	3.6	0.6	0.5	21.6	<0.01	0.05	1.3
FGL002 05+50W		0.24	6.1	380	33.1	6.8	<0.001	0.03	1.96	1.0	0.3	0.3	14.4	<0.01	0.04	<0.2
FGL002 05+75W		0.45	9.5	350	31.2	13.1	<0.001	0.03	1.99	1.8	0.3	0.4	17.3	<0.01	0.03	0.3
FGL002 06+00W		0.69	12.8	370	106.5	15.1	<0.001	0.09	6.14	2.9	0.6	0.9	25.5	<0.01	0.06	1.2
FGL002 06+25W		0.39	14.3	460	37.1	13.0	<0.001	0.02	5.68	1.8	0.6	0.5	23.4	<0.01	0.04	0.2
FGL002 06+50W		1.00	17.5	670	37.5	11.1	<0.001	0.01	5.31	2.9	0.4	0.6	18.2	<0.01	0.04	1.8
FGL002 06+75W		0.36	2.8	360	24.4	3.0	<0.001	0.02	3.89	0.5	0.2	0.2	11.4	<0.01	<0.01	0.8
FGL002 07+00W		0.78	7.1	250	29.6	6.6	<0.001	0.01	6.06	1.2	0.3	0.5	18.2	<0.01	0.01	0.9
FGL002 07+25W		1.23	27.4	300	42.0	9.3	<0.001	0.01	4.59	3.8	0.3	0.6	23.7	<0.01	0.04	3.2
FGL002 07+50W		0.23	3.7	190	34.5	2.8	<0.001	0.02	8.55	0.5	<0.2	0.2	7.4	<0.01	0.01	0.3

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

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

To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 10- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- Teloex

CERTIFICATE OF ANALYSIS WH13150633

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
FGL001 10+00W		0.039	0.29	0.59	47	0.23	3.19	126	0.9
FGL001 10+25W		0.194	0.98	1.05	88	0.30	5.74	165	2.2
FGL001 10+50W		0.091	0.15	0.41	49	0.17	2.52	66	1.5
FGL001 10+75W		0.075	0.16	0.43	48	0.15	2.40	61	1.9
FGL001 11+00W		0.089	0.40	0.87	47	0.16	4.86	99	1.1
FGL001 11+25W		0.100	0.24	1.07	66	0.90	5.63	92	0.8
FGL001 11+50W		0.143	0.33	1.21	83	0.94	6.27	109	1.1
FGL001 11+75W		0.110	0.37	1.13	60	0.56	5.31	107	0.8
FGL001 12+00W		0.045	0.13	1.15	25	0.11	4.72	29	<0.5
FGL002 00+00		0.046	0.15	0.77	41	0.52	5.41	68	<0.5
FGL002 00+25W		0.073	0.48	0.89	66	0.28	3.70	84	<0.5
FGL002 00+50W		0.067	0.22	0.92	54	0.20	8.53	85	<0.5
FGL002 00+75W		0.063	0.11	0.36	42	0.13	1.86	39	<0.5
FGL002 01+00W		0.077	0.11	0.42	54	0.15	2.35	46	0.9
FGL002 01+25W		0.087	0.13	0.54	56	0.20	2.67	56	0.9
FGL002 01+50W		0.052	0.10	0.47	38	0.09	5.55	23	<0.5
FGL002 01+75W		0.056	0.13	0.60	38	0.13	6.73	37	<0.5
FGL002 02+00W		0.044	0.09	0.39	31	0.12	3.24	32	<0.5
FGL002 02+25W		0.031	0.09	0.68	23	0.08	5.76	35	0.5
FGL002 02+50W		0.036	0.16	1.10	33	0.16	10.45	73	<0.5
FGL002 02+75W		0.057	0.21	0.77	45	0.13	7.28	76	<0.5
FGL002 03+00W		0.071	0.23	1.26	56	0.34	13.25	104	1.0
FGL002 03+25W		0.066	0.14	0.70	48	0.15	3.54	100	<0.5
FGL002 03+50W		0.059	0.15	0.73	42	0.12	3.30	127	<0.5
FGL002 03+75W		0.062	0.15	0.55	29	0.11	2.94	108	<0.5
FGL002 04+00W		0.073	0.19	0.66	42	0.15	3.75	165	<0.5
FGL002 04+25W		0.068	0.33	0.68	62	0.53	3.43	256	<0.5
FGL002 04+50W		0.034	0.12	0.47	26	0.12	1.73	78	<0.5
FGL002 04+75W		0.067	0.24	0.45	52	0.21	2.63	164	<0.5
FGL002 05+00W		0.060	0.22	0.70	46	0.34	3.20	141	<0.5
FGL002 05+25W		0.077	0.25	0.63	52	0.30	3.31	194	<0.5
FGL002 05+50W		0.044	0.14	0.37	45	0.16	1.82	73	<0.5
FGL002 05+75W		0.063	0.16	0.46	48	0.12	2.11	126	<0.5
FGL002 06+00W		0.077	0.22	0.55	56	0.37	2.75	229	<0.5
FGL002 06+25W		0.040	0.18	0.95	43	0.12	6.08	224	<0.5
FGL002 06+50W		0.053	0.34	0.63	60	0.24	3.19	268	<0.5
FGL002 06+75W		0.026	0.07	0.18	20	0.08	0.88	33	0.5
FGL002 07+00W		0.053	0.12	0.27	43	0.15	1.65	99	<0.5
FGL002 07+25W		0.073	0.19	0.59	61	0.25	4.26	195	1.7
FGL002 07+50W		0.023	0.08	0.18	18	0.07	0.81	72	<0.5

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

ALS Canada Ltd.
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To: TERRALOGIC EXPLORATION SERVICES INC.
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 10- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- Teloex

CERTIFICATE OF ANALYSIS WH13150633

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- TL44 Au ppm 0.001	ME- MS41 Ag ppm 0.01	ME- MS41 Al % 0.01	ME- MS41 As ppm 0.1	ME- MS41 Au ppm 0.2	ME- MS41 B ppm 10	ME- MS41 Ba ppm 10	ME- MS41 Be ppm 0.05	ME- MS41 Bi ppm 0.01	ME- MS41 Ca % 0.01	ME- MS41 Cd ppm 0.01	ME- MS41 Ce ppm 0.02	ME- MS41 Co ppm 0.1	ME- MS41 Cr ppm 1
FGL002 07+75W		0.39	0.036	3.71	1.25	350	<0.2	<10	310	0.34	1.51	0.25	1.77	20.2	7.4	20
FGL002 08+00W		0.64	0.046	2.88	1.83	604	<0.2	<10	210	0.58	2.26	0.20	1.04	23.5	7.2	29
FGL002 08+25W		0.24	0.013	2.71	1.15	323	<0.2	<10	130	0.27	0.73	0.13	0.87	17.10	4.6	19
FGL002 08+50W		0.36	0.019	2.25	1.77	499	<0.2	<10	170	0.57	3.03	0.22	1.07	23.5	6.9	25
FGL002 08+75W		0.32	0.010	1.16	1.30	332	<0.2	<10	170	0.32	1.58	0.21	0.81	18.15	6.6	19
FGL002 09+00W		0.42	0.019	1.24	1.52	392	<0.2	<10	200	0.49	1.33	0.28	0.49	22.4	8.1	23
FGL002 09+25W		0.39	0.005	0.78	1.79	325	<0.2	<10	220	0.40	1.98	0.25	0.34	18.40	7.3	23
FGL002 09+50W		0.51	0.005	0.37	1.59	212	<0.2	<10	190	0.44	1.58	0.22	0.14	25.2	7.3	20
FGL002 09+75W		0.46	0.007	0.24	2.06	192.0	<0.2	<10	170	0.58	0.71	0.21	0.12	25.7	6.8	20
FGL002 10+00W		0.56	0.004	0.27	1.44	222	<0.2	<10	130	0.55	0.88	0.21	0.24	28.4	5.6	20
FGL002 10+25W		0.51	0.002	0.55	1.27	232	<0.2	<10	120	0.44	0.60	0.24	0.67	22.6	4.7	14
FGL002 10+50W		0.34	0.009	0.38	1.65	27.5	<0.2	<10	200	0.30	0.60	0.49	0.74	25.1	6.9	23
FGL002 10+75W		0.28	0.013	0.69	1.62	26.9	<0.2	<10	280	0.31	0.45	0.56	0.37	32.7	7.6	19
FGL002 11+00W		0.39	0.007	0.45	1.47	33.2	<0.2	<10	180	0.31	0.56	0.35	0.48	19.10	7.2	19
FGL002 11+25W		0.51	0.006	0.25	1.74	38.4	<0.2	<10	200	0.36	0.59	0.40	0.36	24.1	9.3	25
FGL002 11+50W		0.29	0.016	0.61	1.88	58.5	<0.2	<10	240	0.42	0.74	0.49	0.56	27.5	9.8	25
FGL002 11+75W		0.34	0.014	0.70	0.78	42.1	<0.2	<10	170	0.26	0.27	0.30	0.18	18.00	5.7	9
FGL002 12+00W		0.17	0.013	0.57	1.11	66.9	<0.2	<10	190	0.27	0.49	0.31	0.72	16.70	7.2	13
FGL003 00+00		0.27	0.001	0.13	0.68	6.2	<0.2	<10	70	0.17	0.06	0.17	0.06	13.15	3.5	7
FGL003 00+25W		0.43	0.002	0.07	2.06	18.1	<0.2	<10	130	0.32	0.16	0.47	0.09	17.90	10.5	23
FGL003 00+50W		0.46	0.001	0.10	1.61	15.4	<0.2	<10	110	0.22	0.16	0.25	0.13	15.55	7.6	20
FGL003 00+75W		0.35	0.001	0.05	0.55	5.1	<0.2	<10	60	0.09	0.11	0.14	0.10	9.22	3.0	8
FGL003 01+00W		0.37	0.002	0.07	1.95	33.2	<0.2	<10	150	0.36	0.24	0.16	0.19	15.05	7.7	25
FGL003 01+25W		0.39	0.001	0.10	1.47	31.8	<0.2	<10	100	0.24	0.23	0.12	0.23	18.65	9.2	21
FGL003 01+50W		0.47	0.003	0.10	1.46	33.1	<0.2	<10	130	0.25	0.22	0.41	0.11	16.45	8.8	21
FGL003 01+75W		0.38	0.019	0.23	0.92	82.6	<0.2	<10	170	0.28	0.13	0.65	0.37	18.45	8.3	12
FGL003 02+00W		0.44	0.037	0.90	1.93	202	0.2	<10	210	0.57	0.54	0.54	0.37	47.5	9.6	25
FGL003 02+25W		0.61	0.020	1.03	1.80	327	<0.2	<10	120	0.40	0.88	0.38	0.41	23.6	9.1	22
FGL003 02+50W		0.53	0.006	0.40	1.91	42.5	<0.2	<10	180	0.41	0.36	0.47	0.36	28.7	10.7	26
FGL003 02+75W		0.32	0.004	0.41	1.41	25.1	<0.2	<10	130	0.24	0.26	0.30	0.52	16.35	8.3	18
FGL003 03+00W		0.37	0.009	0.68	1.63	45.1	<0.2	<10	210	0.36	0.44	0.68	0.30	26.0	10.5	27
FGL003 03+25W		0.41	0.009	0.68	1.62	53.6	<0.2	<10	120	0.29	0.38	0.34	0.40	19.35	9.5	25
FGL003 03+50W		0.33	0.009	0.69	1.21	41.9	<0.2	<10	80	0.16	0.38	0.27	0.44	14.55	5.5	19
FGL003 03+75W		0.37	0.012	0.91	1.31	74.1	<0.2	<10	110	0.20	0.41	0.30	0.82	17.95	8.2	20
FGL003 04+00W		0.50	0.024	1.12	1.78	101.5	<0.2	<10	150	0.31	0.83	0.33	0.83	27.2	7.5	29
FGL003 04+25W		0.42	0.008	0.80	1.17	62.6	<0.2	<10	90	0.19	0.60	0.21	0.58	15.35	4.6	19
FGL003 04+50W		0.49	0.017	1.04	1.20	97.8	<0.2	<10	100	0.20	0.81	0.27	0.68	18.25	11.3	20
FGL003 04+75W		0.45	0.027	1.67	1.62	66.6	0.2	<10	150	0.26	1.20	0.39	0.91	22.1	6.1	26
FGL003 05+00W		0.48	0.029	1.59	1.09	116.0	<0.2	<10	150	0.24	1.09	0.32	1.20	18.00	10.0	19
FGL003 05+25W		0.42	0.018	1.58	1.43	105.5	<0.2	<10	160	0.21	1.26	0.55	1.27	13.60	9.4	26

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44 - 12TH AVENUE SOUTH
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CRANBROOK BC V1C 2R7

Finalized Date: 10- SEP- 2013
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Project: ALSM- CW13- 042- R1- Teloex

CERTIFICATE OF ANALYSIS WH13150633

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
FGL002 07+75W		1.31	32.9	1.90	4.79	<0.05	<0.02	0.03	0.030	0.07	10.8	8.6	0.33	807	0.80	0.02
FGL002 08+00W		1.40	37.1	2.54	5.43	<0.05	0.05	0.03	0.082	0.08	12.8	9.6	0.42	210	1.33	0.02
FGL002 08+25W		1.32	20.0	1.90	5.17	<0.05	<0.02	0.02	0.036	0.10	9.1	9.3	0.35	150	0.84	0.01
FGL002 08+50W		2.86	29.9	2.61	6.47	0.05	0.02	0.02	0.091	0.18	13.0	11.9	0.51	203	1.05	0.01
FGL002 08+75W		1.71	20.9	2.28	5.56	<0.05	0.02	0.01	0.050	0.14	9.5	9.7	0.37	259	0.95	0.02
FGL002 09+00W		2.36	22.3	2.27	5.69	<0.05	0.03	0.01	0.039	0.14	11.5	12.1	0.45	437	0.91	0.02
FGL002 09+25W		3.86	22.5	2.97	6.85	<0.05	0.06	0.01	0.037	0.30	9.4	12.4	0.62	230	0.91	0.02
FGL002 09+50W		2.77	14.7	2.56	6.07	<0.05	0.05	0.01	0.034	0.23	12.3	10.2	0.53	229	0.70	0.02
FGL002 09+75W		2.00	14.5	2.57	6.82	<0.05	0.06	0.01	0.033	0.09	14.4	11.5	0.52	267	0.74	0.02
FGL002 10+00W		1.47	14.5	2.08	5.23	<0.05	0.06	0.02	0.032	0.08	14.2	8.2	0.33	295	1.07	0.01
FGL002 10+25W		1.29	23.7	1.97	4.54	<0.05	0.02	0.02	0.016	0.07	10.9	7.2	0.27	321	0.90	0.01
FGL002 10+50W		2.46	22.2	2.16	5.81	0.05	0.02	0.04	0.046	0.13	13.6	9.8	0.56	269	0.56	0.02
FGL002 10+75W		2.28	29.9	2.09	5.81	0.06	0.03	0.06	0.032	0.18	20.9	10.9	0.53	229	0.39	0.03
FGL002 11+00W		2.24	19.9	1.93	5.43	0.05	<0.02	0.03	0.032	0.13	10.5	9.1	0.48	256	0.60	0.02
FGL002 11+25W		2.56	18.4	2.58	6.14	0.05	0.03	0.20	0.037	0.17	12.9	11.5	0.66	351	0.77	0.02
FGL002 11+50W		2.63	30.6	2.70	6.34	0.05	0.02	0.03	0.057	0.16	14.7	11.0	0.61	330	0.96	0.02
FGL002 11+75W		1.12	22.3	1.33	2.93	<0.05	<0.02	0.03	0.027	0.08	10.1	3.8	0.20	354	0.55	0.03
FGL002 12+00W		1.95	22.7	1.62	4.22	0.05	<0.02	0.04	0.030	0.17	9.1	7.1	0.39	303	0.65	0.03
FGL003 00+00		2.78	7.1	1.16	2.90	<0.05	<0.02	0.02	0.008	0.05	8.0	3.7	0.21	139	0.30	0.03
FGL003 00+25W		5.23	13.5	2.83	6.92	<0.05	0.04	0.01	0.021	0.09	9.6	19.8	0.86	281	0.60	0.02
FGL003 00+50W		3.47	14.8	2.47	6.87	<0.05	<0.02	0.01	0.015	0.09	8.1	13.5	0.59	242	0.79	0.02
FGL003 00+75W		0.75	10.5	1.07	3.62	<0.05	<0.02	0.01	0.007	0.04	4.3	2.9	0.15	126	0.46	0.02
FGL003 01+00W		2.46	14.6	2.87	6.16	<0.05	<0.02	0.01	0.024	0.08	8.0	15.7	0.47	200	0.89	0.01
FGL003 01+25W		2.32	10.6	2.36	5.91	<0.05	<0.02	0.02	0.021	0.09	9.4	11.7	0.43	554	0.81	0.01
FGL003 01+50W		2.97	12.4	2.24	4.89	<0.05	0.03	0.01	0.018	0.06	9.0	12.9	0.54	289	0.48	0.02
FGL003 01+75W		2.62	22.6	1.83	3.79	<0.05	0.02	0.04	0.014	0.04	10.2	5.7	0.30	733	0.36	0.03
FGL003 02+00W		7.77	24.4	2.71	6.31	0.06	0.04	0.05	0.040	0.11	27.8	15.2	0.78	421	0.54	0.02
FGL003 02+25W		5.21	22.3	2.63	6.12	0.05	0.02	0.03	0.060	0.09	14.6	15.0	0.73	322	0.52	0.02
FGL003 02+50W		3.93	16.4	2.62	6.64	<0.05	0.04	0.02	0.029	0.08	16.5	14.4	0.80	420	0.69	0.01
FGL003 02+75W		2.83	16.7	1.91	5.45	<0.05	<0.02	0.04	0.022	0.07	8.9	8.5	0.42	436	0.61	0.02
FGL003 03+00W		2.72	24.3	2.25	5.64	<0.05	0.03	0.04	0.029	0.07	13.5	11.3	0.64	546	0.63	0.02
FGL003 03+25W		2.58	18.1	2.42	6.02	0.05	<0.02	0.03	0.029	0.09	10.4	12.7	0.70	323	0.88	0.02
FGL003 03+50W		2.01	11.8	1.79	4.92	<0.05	<0.02	0.04	0.019	0.07	7.7	7.8	0.50	201	0.57	0.02
FGL003 03+75W		2.11	32.6	2.00	5.23	<0.05	<0.02	0.03	0.034	0.06	9.7	8.6	0.53	373	1.19	0.02
FGL003 04+00W		2.63	19.6	2.53	6.62	0.05	0.02	0.04	0.056	0.13	14.7	12.7	0.68	257	0.72	0.01
FGL003 04+25W		1.94	16.8	1.73	5.00	<0.05	<0.02	0.04	0.030	0.09	7.6	7.3	0.40	131	0.48	0.02
FGL003 04+50W		2.05	17.9	2.17	5.29	<0.05	<0.02	0.03	0.037	0.08	9.6	8.4	0.43	598	1.09	0.02
FGL003 04+75W		2.52	26.3	2.01	5.92	0.05	0.02	0.05	0.063	0.09	12.1	11.0	0.58	304	0.45	0.01
FGL003 05+00W		1.99	25.3	1.94	4.23	<0.05	<0.02	0.05	0.046	0.07	9.0	7.6	0.37	1100	0.80	0.02
FGL003 05+25W		3.55	26.8	2.08	5.30	<0.05	<0.02	0.04	0.055	0.09	6.8	9.4	0.57	718	0.79	0.02

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

ALS Canada Ltd.
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 10- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- Teloex

CERTIFICATE OF ANALYSIS WH13150633

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
FGL002 07+75W		0.87	15.8	280	66.0	10.4	<0.001	0.01	28.9	2.7	0.5	0.5	28.9	<0.01	0.02	1.9
FGL002 08+00W		0.92	21.3	240	155.5	10.1	<0.001	0.04	22.6	3.9	0.4	0.7	26.4	<0.01	0.04	4.6
FGL002 08+25W		1.10	12.4	180	122.5	15.5	<0.001	0.02	12.30	2.3	0.4	0.6	18.6	<0.01	0.03	1.8
FGL002 08+50W		1.20	16.4	270	105.5	25.1	<0.001	0.03	20.6	3.5	0.4	0.6	28.7	<0.01	0.05	3.8
FGL002 08+75W		1.04	11.0	240	80.9	14.6	<0.001	0.02	13.20	2.5	0.2	0.6	28.0	<0.01	0.02	2.7
FGL002 09+00W		1.15	14.7	210	81.6	21.5	<0.001	0.02	11.05	3.4	0.2	0.6	34.4	<0.01	0.03	4.2
FGL002 09+25W		1.07	12.5	140	52.4	32.0	<0.001	0.01	7.19	4.2	0.4	0.6	27.7	<0.01	0.02	3.8
FGL002 09+50W		1.04	10.9	150	40.7	30.8	<0.001	0.01	4.87	3.5	0.4	0.5	24.3	<0.01	0.02	8.6
FGL002 09+75W		1.15	11.8	160	21.5	10.4	<0.001	0.01	3.35	3.2	<0.2	0.6	23.4	<0.01	0.02	7.9
FGL002 10+00W		1.01	11.7	170	22.1	11.1	<0.001	0.01	2.97	2.5	0.2	0.5	23.5	<0.01	0.04	13.2
FGL002 10+25W		0.93	8.4	210	12.7	11.3	<0.001	0.02	2.80	1.8	0.3	0.5	26.8	<0.01	0.02	8.5
FGL002 10+50W		1.26	13.4	800	24.2	22.2	<0.001	0.05	1.22	3.9	0.5	0.6	36.5	<0.01	0.03	2.4
FGL002 10+75W		0.91	11.4	720	13.9	24.8	<0.001	0.06	3.12	4.6	0.6	0.4	44.4	<0.01	0.03	2.7
FGL002 11+00W		1.00	10.5	550	26.5	20.3	<0.001	0.03	2.12	3.1	0.3	0.5	29.1	<0.01	0.03	1.6
FGL002 11+25W		1.27	13.0	590	24.1	23.3	<0.001	0.02	1.91	4.0	0.4	0.6	29.4	<0.01	0.03	3.4
FGL002 11+50W		1.31	14.7	770	31.5	23.7	<0.001	0.04	2.94	4.5	0.5	0.6	38.6	<0.01	0.03	2.8
FGL002 11+75W		0.39	5.2	510	9.4	9.7	<0.001	0.04	1.11	1.7	0.3	0.2	28.6	<0.01	0.02	0.4
FGL002 12+00W		0.75	8.8	600	13.6	23.2	<0.001	0.06	1.27	2.3	0.4	0.4	34.8	<0.01	0.02	0.7
FGL003 00+00		0.33	4.3	360	4.1	8.9	<0.001	0.01	0.68	1.2	<0.2	0.2	12.6	<0.01	0.01	0.6
FGL003 00+25W		1.11	14.6	320	9.8	14.7	<0.001	0.01	1.65	4.1	0.2	0.5	25.6	<0.01	0.03	3.8
FGL003 00+50W		1.27	10.3	260	8.2	17.8	<0.001	0.01	1.09	3.0	<0.2	0.5	19.0	<0.01	0.03	1.7
FGL003 00+75W		0.57	3.6	240	4.8	6.6	<0.001	0.01	0.52	0.9	<0.2	0.3	12.9	<0.01	0.02	0.5
FGL003 01+00W		1.24	15.0	230	15.3	17.0	<0.001	0.02	1.70	3.2	0.2	0.5	17.4	<0.01	0.04	2.3
FGL003 01+25W		1.03	12.4	200	13.0	16.1	<0.001	0.01	1.13	2.4	0.2	0.5	13.4	<0.01	0.02	1.3
FGL003 01+50W		1.01	12.6	320	15.7	9.7	<0.001	0.01	1.39	3.0	0.2	0.4	23.2	<0.01	0.02	2.6
FGL003 01+75W		0.51	9.6	820	8.9	6.5	<0.001	0.04	5.60	2.4	0.6	0.2	33.7	<0.01	0.03	1.3
FGL003 02+00W		0.91	17.5	550	31.8	20.8	<0.001	0.03	3.40	6.8	0.3	0.4	31.3	<0.01	0.04	5.1
FGL003 02+25W		0.94	13.4	320	53.9	15.6	<0.001	0.02	2.42	4.6	0.2	0.5	23.4	<0.01	0.07	4.6
FGL003 02+50W		1.16	15.9	410	33.0	14.4	<0.001	0.01	1.88	5.4	0.3	0.5	27.7	<0.01	0.04	4.6
FGL003 02+75W		0.74	10.5	400	24.0	13.0	<0.001	0.02	1.14	3.1	0.3	0.4	22.1	<0.01	0.03	1.5
FGL003 03+00W		0.98	15.8	710	54.9	12.2	<0.001	0.04	3.02	4.3	0.5	0.5	40.6	<0.01	0.04	2.6
FGL003 03+25W		1.22	14.3	550	73.2	17.0	<0.001	0.02	2.19	3.5	0.3	0.5	23.4	<0.01	0.05	2.6
FGL003 03+50W		0.79	9.6	610	51.2	11.7	<0.001	0.03	1.67	2.2	0.4	0.4	19.5	<0.01	0.03	0.8
FGL003 03+75W		0.89	11.1	570	84.9	12.8	<0.001	0.03	2.25	2.9	0.2	0.6	23.1	<0.01	0.04	1.3
FGL003 04+00W		1.62	15.4	630	103.0	21.5	<0.001	0.03	6.12	4.4	0.6	0.9	23.4	<0.01	0.04	3.3
FGL003 04+25W		0.92	9.2	520	56.8	14.5	<0.001	0.04	2.51	2.1	0.4	0.7	18.5	<0.01	0.05	0.5
FGL003 04+50W		1.08	9.9	530	90.9	13.8	<0.001	0.03	7.42	2.7	0.4	0.6	22.2	<0.01	0.04	1.8
FGL003 04+75W		1.34	12.9	450	132.0	16.9	<0.001	0.04	6.83	3.9	0.5	0.8	30.1	<0.01	0.05	3.2
FGL003 05+00W		0.70	9.8	580	97.6	13.1	<0.001	0.04	26.9	2.9	0.4	0.5	25.6	<0.01	0.04	1.8
FGL003 05+25W		0.67	12.0	650	77.2	16.9	<0.001	0.04	5.83	3.6	0.4	0.5	32.7	<0.01	0.02	1.1

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

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 10- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- Teloex

CERTIFICATE OF ANALYSIS WH13150633

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
FGL002 07+75W		0.052	0.13	0.72	42	0.24	4.75	145	0.5
FGL002 08+00W		0.053	0.25	0.79	53	0.22	4.05	178	2.1
FGL002 08+25W		0.063	0.19	0.46	45	0.24	2.73	89	<0.5
FGL002 08+50W		0.076	0.34	0.72	59	0.18	4.67	134	1.0
FGL002 08+75W		0.068	0.25	0.50	54	0.18	2.83	126	0.6
FGL002 09+00W		0.072	0.25	0.63	50	0.17	4.31	132	1.2
FGL002 09+25W		0.108	0.46	0.57	74	0.19	3.69	93	2.0
FGL002 09+50W		0.109	0.31	0.69	59	0.19	3.62	66	1.6
FGL002 09+75W		0.091	0.27	0.60	57	0.23	3.97	65	1.8
FGL002 10+00W		0.046	0.18	0.68	43	0.18	3.93	75	2.1
FGL002 10+25W		0.040	0.14	0.67	39	0.16	3.69	91	0.7
FGL002 10+50W		0.090	0.24	1.29	49	0.41	5.98	103	0.7
FGL002 10+75W		0.098	0.27	2.81	61	0.25	11.40	74	1.1
FGL002 11+00W		0.085	0.22	0.95	48	0.23	4.50	83	0.5
FGL002 11+25W		0.118	0.27	0.75	65	0.36	4.60	99	0.9
FGL002 11+50W		0.104	0.26	1.49	68	0.30	7.41	108	0.8
FGL002 11+75W		0.049	0.13	1.29	34	0.11	5.60	37	<0.5
FGL002 12+00W		0.075	0.29	0.91	39	0.23	4.57	59	<0.5
FGL003 00+00		0.041	0.10	0.32	31	0.10	2.52	22	<0.5
FGL003 00+25W		0.094	0.23	0.47	66	0.21	3.51	52	1.5
FGL003 00+50W		0.097	0.13	0.38	66	0.19	2.66	43	<0.5
FGL003 00+75W		0.056	0.06	0.20	36	0.10	1.29	22	<0.5
FGL003 01+00W		0.074	0.19	0.41	66	0.19	2.53	56	0.5
FGL003 01+25W		0.067	0.14	0.40	56	0.31	2.25	46	<0.5
FGL003 01+50W		0.071	0.13	0.40	50	0.15	3.03	51	1.0
FGL003 01+75W		0.055	0.14	0.77	48	0.11	6.13	48	0.7
FGL003 02+00W		0.061	0.34	1.53	53	0.31	17.60	95	1.1
FGL003 02+25W		0.069	0.24	0.71	55	0.30	4.57	114	0.8
FGL003 02+50W		0.083	0.18	1.03	60	0.58	6.80	88	1.3
FGL003 02+75W		0.059	0.12	0.65	49	0.16	3.45	67	<0.5
FGL003 03+00W		0.067	0.18	1.13	53	0.20	6.03	105	0.8
FGL003 03+25W		0.100	0.19	0.87	57	0.18	4.00	149	<0.5
FGL003 03+50W		0.076	0.16	0.59	41	0.13	3.01	109	<0.5
FGL003 03+75W		0.077	0.15	0.92	52	0.13	4.02	147	<0.5
FGL003 04+00W		0.106	0.24	0.81	55	0.25	5.55	202	0.5
FGL003 04+25W		0.069	0.17	0.54	35	0.12	3.33	113	<0.5
FGL003 04+50W		0.086	0.17	0.69	57	0.16	3.72	159	<0.5
FGL003 04+75W		0.082	0.24	1.37	44	0.24	4.94	264	0.6
FGL003 05+00W		0.053	0.22	1.13	46	0.18	4.61	186	<0.5
FGL003 05+25W		0.072	0.27	0.57	54	0.24	3.36	266	<0.5

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44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 10- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- Teloex

CERTIFICATE OF ANALYSIS WH13150633

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- TL44 Au ppm 0.001	ME- MS41 Ag ppm 0.01	ME- MS41 Al % 0.01	ME- MS41 As ppm 0.1	ME- MS41 Au ppm 0.2	ME- MS41 B ppm 10	ME- MS41 Ba ppm 10	ME- MS41 Be ppm 0.05	ME- MS41 Bi ppm 0.01	ME- MS41 Ca % 0.01	ME- MS41 Cd ppm 0.01	ME- MS41 Ce ppm 0.02	ME- MS41 Co ppm 0.1	ME- MS41 Cr ppm 1
FGL003 05+50W		0.43	0.013	0.99	1.46	128.5	<0.2	<10	120	0.27	0.77	0.25	0.78	14.50	7.2	23
FGL003 05+75W		0.33	0.012	2.57	0.87	47.5	<0.2	<10	70	0.14	1.75	0.18	0.52	6.91	3.6	14
FGL003 06+00W		0.41	0.046	4.54	2.22	172.0	<0.2	<10	200	0.52	4.52	0.33	0.97	31.6	11.1	36
FGL003 06+25W		0.34	0.035	0.85	2.11	316	<0.2	<10	170	0.69	1.25	0.26	2.21	35.5	17.1	36
FGL003 06+50W		0.33	0.020	0.69	1.60	196.5	<0.2	<10	160	0.44	0.63	0.19	2.09	19.85	10.2	25
FGL003 06+75W		0.43	0.034	1.04	1.64	485	<0.2	<10	170	0.43	1.98	0.17	1.46	13.75	7.4	26
FGL003 07+00W		0.37	0.004	0.52	1.34	123.0	<0.2	<10	160	0.25	0.33	0.13	0.93	16.60	6.5	23
FGL003 07+25W		0.27	0.008	0.90	1.02	152.0	<0.2	<10	120	0.22	0.47	0.09	0.47	10.50	4.6	15
FGL003 07+50W		0.39	0.003	1.07	1.48	148.0	<0.2	<10	210	0.31	0.52	0.21	1.41	15.05	9.1	21
FGL003 07+75W		0.48	0.010	0.49	0.71	116.5	<0.2	<10	80	0.14	0.36	0.13	0.34	8.39	3.4	10
FGL003 08+00W		0.38	0.004	0.47	0.87	76.2	<0.2	<10	90	0.20	0.30	0.12	0.63	11.80	5.9	14
FGL003 08+25W		0.49	0.004	0.63	1.67	176.0	<0.2	<10	120	0.40	0.38	0.11	0.28	17.30	6.9	27
FGL003 08+50W		0.45	0.008	0.51	2.21	239	<0.2	<10	270	0.50	0.47	0.30	0.27	25.7	8.8	24
FGL003 08+75W		0.44	0.009	0.25	1.98	290	<0.2	<10	230	0.42	0.43	0.32	0.25	23.6	8.0	23
FGL003 09+00W		0.50	0.011	0.54	1.01	212	<0.2	<10	140	0.31	0.38	0.25	0.23	19.90	5.2	15
FGL003 09+25W		0.33	0.007	0.58	1.38	229	<0.2	<10	180	0.28	0.99	0.18	0.29	16.30	6.9	21
FGL003 09+50W		0.46	0.008	0.45	1.40	204	<0.2	<10	140	0.26	0.50	0.21	0.43	14.50	6.7	20
FGL003 09+75W		0.55	0.024	0.57	1.53	351	<0.2	<10	180	0.41	1.11	0.27	0.73	21.7	6.8	17
FGL003 10+00W		0.42	0.026	2.28	1.89	541	<0.2	<10	260	0.46	1.57	0.33	1.31	22.3	8.2	26
FGL003 10+25W		0.42	0.048	3.25	2.15	739	<0.2	<10	240	0.61	4.41	0.22	1.62	28.6	10.0	25
FGL003 10+50W		0.43	0.004	0.30	1.53	28.9	<0.2	<10	160	0.34	0.90	0.32	0.46	23.9	9.7	23
FGL003 10+75W		0.48	0.004	0.24	1.49	25.1	<0.2	<10	140	0.28	0.68	0.31	0.47	20.0	8.1	23
FGL003 11+00W		0.31	0.004	0.24	1.26	20.1	<0.2	<10	140	0.21	0.51	0.38	0.43	14.85	8.5	16
FGL003 11+25W		0.50	0.010	0.35	1.91	43.4	<0.2	<10	180	0.36	0.80	0.36	0.46	21.0	8.9	28
FGL003 11+50W		0.53	0.009	0.55	1.56	39.3	<0.2	<10	150	0.42	0.72	0.33	0.63	16.80	6.6	20
FGL003 11+75W		0.50	0.024	0.72	1.87	56.9	<0.2	<10	180	0.42	0.83	0.35	0.61	21.6	6.7	20
FGL003 12+00W		0.44	0.019	0.89	1.59	66.3	<0.2	<10	200	0.50	0.75	0.35	0.61	29.3	6.2	16
FGL005 00+00		0.33	0.003	0.13	1.84	26.3	<0.2	<10	90	0.33	0.20	0.26	0.16	16.80	8.5	20
FGL005 00+25W		0.39	0.003	0.25	0.60	11.1	<0.2	<10	50	0.18	0.07	0.13	0.06	11.55	2.8	6
FGL005 00+50W		0.50	0.005	0.31	1.49	80.0	<0.2	<10	90	0.30	0.45	0.27	0.23	19.60	8.4	16
FGL005 00+75W		0.30	0.002	0.13	2.07	21.3	<0.2	<10	120	0.36	0.19	0.22	0.29	15.15	9.4	22
FGL005 01+00W		0.49	0.005	0.17	1.92	34.0	<0.2	<10	120	0.39	0.31	0.26	0.17	18.05	9.0	29
FGL005 01+25W		0.72	0.006	0.14	1.48	46.2	<0.2	<10	140	0.24	0.24	0.40	0.12	19.05	8.3	22
FGL005 01+50W		0.52	0.006	0.68	1.63	25.8	<0.2	<10	120	0.28	0.13	0.37	0.38	23.3	9.5	21
FGL005 01+75W		0.45	0.006	0.54	1.59	24.5	<0.2	<10	200	0.34	0.26	0.85	0.75	20.2	11.3	22
FGL005 02+00W		0.37	0.001	0.16	0.32	4.1	<0.2	<10	50	0.07	0.06	0.17	0.49	6.57	2.6	4
FGL005 02+25W		0.49	0.009	0.84	1.08	19.2	<0.2	<10	110	0.25	0.13	0.40	0.38	20.9	5.9	14
FGL005 02+50W		0.46	0.009	0.28	1.87	61.0	<0.2	<10	120	0.27	0.42	0.34	0.53	20.9	11.6	29
FGL005 02+75W		0.55	0.009	0.46	1.61	41.6	<0.2	<10	140	0.30	0.32	0.38	0.45	23.2	10.4	24
FGL005 03+00W		0.34	0.003	0.19	0.42	11.5	<0.2	<10	40	0.08	0.08	0.18	0.15	6.03	3.6	7

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

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

To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 10- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- Teloex

CERTIFICATE OF ANALYSIS WH13150633

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
FGL003 05+50W		3.59	24.6	2.01	5.28	0.05	<0.02	0.04	0.048	0.12	7.5	9.8	0.56	211	0.70	0.02
FGL003 05+75W		2.10	41.5	1.57	4.01	<0.05	<0.02	0.05	0.060	0.06	3.6	4.5	0.27	127	0.47	0.03
FGL003 06+00W		4.46	76.7	2.76	7.60	0.06	<0.02	0.06	0.118	0.16	17.2	15.3	0.68	279	1.78	0.02
FGL003 06+25W		5.44	40.3	2.95	7.76	0.05	<0.02	0.04	0.039	0.21	18.9	14.8	0.64	850	1.05	0.02
FGL003 06+50W		4.08	26.8	2.13	5.28	0.05	<0.02	0.02	0.027	0.12	10.7	10.2	0.52	525	0.85	0.02
FGL003 06+75W		2.38	20.7	2.41	5.16	<0.05	<0.02	0.02	0.065	0.09	6.4	8.7	0.38	339	0.64	0.03
FGL003 07+00W		1.10	14.1	2.26	6.52	<0.05	0.03	0.01	0.024	0.05	8.5	11.7	0.33	236	1.41	0.01
FGL003 07+25W		0.69	13.7	1.70	4.09	<0.05	0.03	0.02	0.020	0.04	5.1	6.9	0.20	117	0.82	0.01
FGL003 07+50W		1.02	24.7	2.11	5.35	<0.05	0.02	0.01	0.028	0.07	7.4	11.2	0.36	428	0.81	0.01
FGL003 07+75W		0.86	10.4	1.24	2.63	<0.05	<0.02	0.01	0.011	0.06	3.9	4.8	0.16	135	0.39	0.02
FGL003 08+00W		1.16	18.1	1.32	3.68	<0.05	<0.02	0.01	0.017	0.09	5.4	8.0	0.25	225	0.55	0.02
FGL003 08+25W		0.96	21.2	2.27	5.13	<0.05	0.05	0.01	0.025	0.07	9.4	12.5	0.47	166	0.87	0.01
FGL003 08+50W		4.50	22.5	3.03	7.60	0.05	0.05	0.01	0.032	0.49	13.8	14.7	0.74	467	0.82	0.02
FGL003 08+75W		3.04	18.7	2.78	6.63	<0.05	0.04	0.01	0.032	0.27	11.8	14.9	0.65	316	0.70	0.02
FGL003 09+00W		0.96	19.9	1.74	3.88	<0.05	0.05	0.02	0.026	0.07	13.0	7.7	0.27	182	0.51	0.02
FGL003 09+25W		1.15	20.6	1.97	4.29	<0.05	0.04	0.01	0.032	0.10	8.2	7.8	0.40	402	0.77	0.02
FGL003 09+50W		1.57	15.9	2.19	4.86	<0.05	0.02	0.01	0.028	0.16	7.2	9.1	0.44	250	0.67	0.02
FGL003 09+75W		2.90	32.8	2.45	5.24	<0.05	0.03	0.01	0.042	0.30	10.9	9.9	0.51	292	0.82	0.03
FGL003 10+00W		3.52	28.6	3.22	6.97	0.05	0.04	0.02	0.089	0.35	12.5	16.5	0.67	310	1.17	0.01
FGL003 10+25W		3.57	34.1	3.53	7.42	0.05	0.06	0.02	0.139	0.36	15.0	13.3	0.65	338	1.54	0.01
FGL003 10+50W		2.32	19.2	2.37	5.26	<0.05	0.02	0.03	0.043	0.09	12.5	11.0	0.52	404	0.81	0.01
FGL003 10+75W		1.87	18.4	2.17	5.13	0.05	0.02	0.02	0.035	0.11	10.7	11.5	0.54	268	0.52	0.01
FGL003 11+00W		1.74	15.7	1.71	4.68	<0.05	<0.02	0.02	0.025	0.09	7.2	7.5	0.37	469	0.66	0.02
FGL003 11+25W		2.51	27.5	2.60	6.56	0.05	0.03	0.02	0.042	0.14	11.2	12.5	0.65	460	1.54	0.01
FGL003 11+50W		2.06	28.8	1.98	5.09	<0.05	<0.02	0.02	0.051	0.13	9.0	8.6	0.41	329	1.20	0.02
FGL003 11+75W		2.78	29.0	2.43	5.70	<0.05	0.02	0.03	0.070	0.22	12.2	11.0	0.53	301	0.89	0.02
FGL003 12+00W		1.86	34.3	2.13	4.72	<0.05	<0.02	0.04	0.047	0.13	16.5	7.7	0.34	255	1.02	0.02
FGL005 00+00		2.92	11.1	2.38	6.04	<0.05	<0.02	0.01	0.017	0.06	10.3	16.0	0.91	245	0.59	0.01
FGL005 00+25W		1.10	9.2	0.94	2.18	<0.05	<0.02	0.02	0.006	0.04	6.9	2.7	0.10	88	0.23	0.03
FGL005 00+50W		6.95	16.2	2.52	6.23	<0.05	<0.02	0.02	0.020	0.10	11.8	11.0	0.53	282	0.79	0.01
FGL005 00+75W		2.74	19.1	2.72	6.26	<0.05	0.02	0.01	0.020	0.09	8.0	22.3	0.72	285	0.68	0.02
FGL005 01+00W		2.25	13.7	2.78	5.93	<0.05	0.02	0.01	0.023	0.06	9.7	16.4	0.70	272	0.73	0.01
FGL005 01+25W		5.03	16.3	2.38	4.69	<0.05	0.02	0.02	0.020	0.07	10.6	12.7	0.60	272	0.75	0.02
FGL005 01+50W		3.03	17.7	2.56	6.12	<0.05	<0.02	0.03	0.020	0.07	13.9	14.0	1.02	501	0.72	0.02
FGL005 01+75W		3.18	29.9	2.26	5.24	<0.05	0.03	0.03	0.027	0.06	10.8	12.9	0.74	655	0.53	0.02
FGL005 02+00W		0.93	17.9	0.55	1.59	<0.05	<0.02	0.01	0.006	0.03	3.4	1.2	0.07	206	0.17	0.02
FGL005 02+25W		1.88	17.7	1.70	3.87	0.05	<0.02	0.04	0.020	0.05	13.1	7.2	0.44	503	0.42	0.03
FGL005 02+50W		5.02	13.5	3.02	7.54	<0.05	0.02	0.01	0.029	0.11	11.3	14.4	0.99	511	0.89	0.01
FGL005 02+75W		2.61	18.0	2.38	5.55	<0.05	0.02	0.02	0.025	0.11	12.1	13.5	0.81	403	0.88	0.01
FGL005 03+00W		0.89	4.7	1.09	2.16	<0.05	<0.02	0.01	0.008	0.04	3.0	3.2	0.19	114	0.34	0.02

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

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 10- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- Teloex

CERTIFICATE OF ANALYSIS WH13150633

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
FGL003 05+50W		0.76	12.1	490	47.1	18.9	<0.001	0.03	3.38	3.7	0.5	0.5	21.7	<0.01	0.05	0.9
FGL003 05+75W		0.49	7.0	470	10.8	9.1	<0.001	0.03	2.57	1.7	0.4	0.5	16.9	<0.01	0.21	0.3
FGL003 06+00W		1.46	21.5	540	86.6	26.1	<0.001	0.03	4.74	5.7	0.9	1.2	31.0	<0.01	0.14	3.0
FGL003 06+25W		1.40	22.4	480	54.1	33.7	<0.001	0.03	4.95	5.2	0.7	1.2	26.3	<0.01	0.06	3.1
FGL003 06+50W		0.71	13.9	440	35.5	17.5	<0.001	0.03	3.77	3.3	0.4	0.6	23.3	<0.01	0.04	1.0
FGL003 06+75W		0.66	14.9	420	57.1	11.0	<0.001	0.03	4.77	2.7	0.4	0.6	19.1	<0.01	0.05	1.0
FGL003 07+00W		1.18	13.4	190	21.6	10.1	<0.001	0.02	4.93	2.3	0.2	0.6	16.7	<0.01	0.06	2.1
FGL003 07+25W		1.10	10.8	180	21.0	5.2	<0.001	<0.01	2.63	1.6	0.2	0.4	11.6	<0.01	0.04	1.5
FGL003 07+50W		1.16	13.2	370	28.1	11.1	<0.001	<0.01	6.64	2.3	0.2	0.5	22.9	<0.01	0.03	1.7
FGL003 07+75W		0.65	6.2	360	13.6	7.4	<0.001	<0.01	2.47	1.1	0.2	0.2	12.5	<0.01	0.02	0.8
FGL003 08+00W		1.26	8.6	250	34.4	15.3	<0.001	<0.01	3.24	1.4	<0.2	0.4	16.8	<0.01	0.01	1.5
FGL003 08+25W		1.30	19.1	130	41.2	9.4	<0.001	<0.01	2.68	2.9	0.4	0.5	14.3	<0.01	0.01	3.3
FGL003 08+50W		1.43	12.5	440	32.9	51.8	<0.001	<0.01	4.79	4.1	0.4	0.6	38.1	<0.01	0.01	5.6
FGL003 08+75W		1.10	12.1	400	25.9	29.8	<0.001	<0.01	4.47	3.8	0.4	0.6	32.8	<0.01	0.02	5.1
FGL003 09+00W		0.87	11.3	390	20.6	9.0	<0.001	<0.01	4.36	2.6	0.7	0.3	24.6	<0.01	0.02	2.5
FGL003 09+25W		1.11	14.3	200	44.1	14.2	<0.001	<0.01	7.53	2.6	0.2	0.4	21.7	<0.01	0.04	2.9
FGL003 09+50W		1.20	12.3	200	24.8	22.7	<0.001	<0.01	3.83	2.5	0.3	0.4	23.3	<0.01	0.01	2.8
FGL003 09+75W		0.98	10.3	530	44.0	31.7	<0.001	0.01	8.52	3.4	0.4	0.5	26.0	<0.01	0.03	4.4
FGL003 10+00W		1.35	14.5	350	146.5	44.9	<0.001	0.03	16.55	4.0	0.6	1.0	28.3	<0.01	0.03	5.1
FGL003 10+25W		1.29	14.8	430	257	38.1	<0.001	0.05	24.1	4.1	0.6	1.4	27.2	<0.01	0.07	8.9
FGL003 10+50W		1.44	12.9	640	32.5	17.6	<0.001	0.01	0.96	3.9	0.6	0.6	22.5	<0.01	0.03	3.0
FGL003 10+75W		1.29	11.9	630	16.7	18.5	<0.001	0.01	0.70	3.0	0.3	0.5	24.5	<0.01	0.02	1.9
FGL003 11+00W		0.87	8.7	470	14.1	18.8	<0.001	0.02	0.62	2.1	0.3	0.5	30.9	<0.01	0.02	0.6
FGL003 11+25W		1.85	13.8	500	39.4	22.6	<0.001	<0.01	1.10	4.0	0.6	0.7	26.3	<0.01	0.03	3.2
FGL003 11+50W		1.10	11.3	490	32.8	20.2	<0.001	0.02	1.00	2.6	0.5	0.5	25.8	<0.01	0.03	1.0
FGL003 11+75W		1.16	11.2	550	38.1	29.5	<0.001	0.05	1.85	3.7	0.2	0.6	30.9	<0.01	0.04	2.6
FGL003 12+00W		0.89	10.6	580	28.7	16.8	<0.001	0.04	2.62	3.2	0.6	0.4	33.5	<0.01	0.03	1.3
FGL005 00+00		1.18	11.4	250	13.0	8.6	<0.001	<0.01	1.54	3.3	0.3	0.4	20.0	<0.01	0.02	3.1
FGL005 00+25W		0.21	3.8	310	4.0	4.3	<0.001	<0.01	0.54	1.0	0.2	<0.2	10.5	<0.01	<0.01	0.2
FGL005 00+50W		0.94	8.9	340	40.9	18.0	<0.001	<0.01	4.23	3.8	0.4	0.6	17.7	<0.01	0.02	3.5
FGL005 00+75W		1.57	16.0	640	13.2	13.6	<0.001	<0.01	1.10	3.1	0.2	0.4	20.0	<0.01	0.01	2.4
FGL005 01+00W		1.25	15.6	220	18.0	9.8	<0.001	<0.01	1.33	3.6	<0.2	0.5	20.6	<0.01	0.02	3.1
FGL005 01+25W		0.98	12.9	390	15.2	10.7	<0.001	<0.01	1.91	3.9	0.4	0.4	23.7	<0.01	0.02	3.0
FGL005 01+50W		0.89	11.2	540	36.4	12.5	<0.001	<0.01	1.14	5.3	0.4	0.5	20.9	<0.01	<0.01	2.6
FGL005 01+75W		0.76	14.9	790	43.8	9.7	<0.001	0.04	2.01	4.2	0.4	0.4	38.2	<0.01	0.02	2.5
FGL005 02+00W		0.22	2.6	300	6.4	6.7	<0.001	0.01	0.27	0.6	0.2	<0.2	15.3	<0.01	0.01	0.3
FGL005 02+25W		0.51	8.4	580	19.1	8.5	<0.001	0.02	0.89	3.2	0.6	0.2	21.4	<0.01	0.02	1.3
FGL005 02+50W		1.11	14.8	400	40.3	25.7	<0.001	<0.01	2.92	5.8	0.3	0.5	22.6	<0.01	0.03	4.2
FGL005 02+75W		1.24	13.4	580	49.3	17.3	<0.001	0.01	2.43	4.1	0.4	0.5	25.1	<0.01	0.02	3.9
FGL005 03+00W		0.40	3.7	400	17.1	5.0	<0.001	<0.01	0.68	1.0	<0.2	0.2	13.0	<0.01	<0.01	0.8

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

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 10- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- Teloex

CERTIFICATE OF ANALYSIS WH13150633

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
FGL003 05+50W		0.078	0.37	0.60	53	0.16	3.27	195	<0.5
FGL003 05+75W		0.057	0.18	0.38	34	0.40	1.68	82	<0.5
FGL003 06+00W		0.089	0.41	1.48	56	0.87	6.82	319	<0.5
FGL003 06+25W		0.091	0.42	1.13	61	0.21	8.04	408	<0.5
FGL003 06+50W		0.058	0.26	0.82	51	0.18	4.17	269	<0.5
FGL003 06+75W		0.055	0.17	0.41	50	0.16	2.80	368	<0.5
FGL003 07+00W		0.069	0.17	0.40	66	0.32	2.32	144	1.3
FGL003 07+25W		0.055	0.11	0.31	41	0.16	1.55	51	1.1
FGL003 07+50W		0.064	0.13	0.34	51	0.18	2.30	151	0.7
FGL003 07+75W		0.048	0.08	0.28	32	0.09	1.74	61	<0.5
FGL003 08+00W		0.050	0.13	0.27	29	0.09	1.58	96	<0.5
FGL003 08+25W		0.066	0.13	0.44	52	0.17	2.61	73	1.6
FGL003 08+50W		0.143	0.49	0.77	76	0.14	6.16	102	1.7
FGL003 08+75W		0.116	0.33	0.61	71	0.14	4.26	84	1.3
FGL003 09+00W		0.066	0.11	0.54	46	0.11	10.20	57	1.7
FGL003 09+25W		0.065	0.15	0.44	45	0.18	2.88	86	1.4
FGL003 09+50W		0.095	0.21	0.43	57	0.35	2.65	83	0.9
FGL003 09+75W		0.102	0.36	0.88	59	0.16	4.97	137	1.2
FGL003 10+00W		0.140	0.50	0.88	75	0.21	7.13	234	1.3
FGL003 10+25W		0.128	0.58	0.92	77	0.32	5.01	294	1.8
FGL003 10+50W		0.085	0.23	1.23	56	0.28	5.27	97	0.6
FGL003 10+75W		0.094	0.19	0.84	54	0.28	3.94	96	0.6
FGL003 11+00W		0.073	0.15	0.62	40	0.19	3.14	61	<0.5
FGL003 11+25W		0.119	0.24	0.93	69	0.85	4.57	109	1.0
FGL003 11+50W		0.076	0.17	1.25	50	0.20	4.65	87	<0.5
FGL003 11+75W		0.094	0.31	1.36	52	0.29	6.12	127	0.8
FGL003 12+00W		0.059	0.18	2.04	45	0.31	8.21	91	<0.5
FGL005 00+00		0.085	0.14	0.47	54	0.14	2.93	50	0.5
FGL005 00+25W		0.036	0.05	0.38	26	0.06	2.89	15	<0.5
FGL005 00+50W		0.074	0.22	0.65	59	0.22	5.86	60	0.5
FGL005 00+75W		0.103	0.13	0.51	60	0.19	4.34	60	0.7
FGL005 01+00W		0.093	0.15	0.53	63	0.20	4.25	60	0.9
FGL005 01+25W		0.073	0.17	0.70	53	0.23	4.23	65	0.7
FGL005 01+50W		0.084	0.12	0.84	64	0.09	5.20	106	<0.5
FGL005 01+75W		0.059	0.14	0.84	53	0.14	5.86	101	1.1
FGL005 02+00W		0.030	0.03	0.22	16	0.05	1.65	17	<0.5
FGL005 02+25W		0.058	0.13	1.13	44	0.09	10.05	58	0.5
FGL005 02+50W		0.088	0.26	0.67	76	0.19	3.62	111	0.7
FGL005 02+75W		0.100	0.20	0.88	53	0.31	4.91	122	0.7
FGL005 03+00W		0.054	0.05	0.23	33	0.05	1.29	49	<0.5

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

ALS Canada Ltd.
2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 10- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- Teloex

CERTIFICATE OF ANALYSIS WH13150633

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- TL44 Au ppm 0.001	ME- MS41 Ag ppm 0.01	ME- MS41 Al % 0.01	ME- MS41 As ppm 0.1	ME- MS41 Au ppm 0.2	ME- MS41 B ppm 10	ME- MS41 Ba ppm 10	ME- MS41 Be ppm 0.05	ME- MS41 Bi ppm 0.01	ME- MS41 Ca % 0.01	ME- MS41 Cd ppm 0.01	ME- MS41 Ce ppm 0.02	ME- MS41 Co ppm 0.1	ME- MS41 Cr ppm 1
FGL005 03+25W		0.33	0.028	1.34	0.98	91.2	<0.2	<10	140	0.24	0.26	0.27	1.04	29.3	6.7	13
FGL005 03+50W		0.28	0.007	0.68	0.62	38.9	<0.2	<10	60	0.08	0.26	0.17	0.41	7.04	3.9	10
FGL005 03+75W		0.63	0.018	0.77	1.43	94.7	<0.2	<10	120	0.26	0.41	0.28	0.81	19.50	9.2	24
FGL005 04+00W		0.58	0.021	1.02	1.52	187.0	<0.2	<10	110	0.31	0.89	0.31	1.34	22.3	11.9	28
FGL005 04+25W		0.35	0.008	0.95	0.78	32.6	<0.2	<10	80	0.16	0.35	0.14	0.62	11.55	2.7	10
FGL005 04+50W		0.25	0.038	2.41	0.83	162.5	<0.2	<10	90	0.20	0.60	0.19	0.60	19.00	3.8	8
FGL005 04+75W		0.31	0.015	1.17	0.47	15.8	<0.2	<10	40	0.10	0.22	0.07	0.63	6.71	1.9	6
FGL005 05+00W		0.44	0.046	2.11	1.67	131.0	<0.2	<10	150	0.44	1.21	0.35	1.49	38.3	11.0	22
FGL005 05+25W		0.43	0.043	3.54	1.59	129.0	<0.2	<10	150	0.38	1.56	0.38	1.40	19.85	6.4	21
FGL005 05+50W		0.55	0.054	1.26	1.37	112.5	<0.2	<10	180	0.38	0.64	0.37	0.71	25.0	7.4	24
FGL005 05+75W		0.53	0.078	3.38	1.35	493	<0.2	<10	230	0.44	1.52	0.40	3.76	19.35	9.8	25
FGL005 06+00W		0.32	0.014	3.36	0.84	95.0	<0.2	<10	90	0.18	1.49	0.19	2.06	11.90	8.5	16
FGL005 06+25W		0.37	0.017	1.27	1.66	183.0	<0.2	<10	250	0.32	0.43	0.16	1.62	14.15	8.2	25
FGL005 06+50W		0.33	0.010	1.97	1.20	308	<0.2	<10	130	0.21	2.36	0.12	1.76	13.80	7.2	23
FGL005 06+75W		0.39	0.006	1.57	0.87	128.0	<0.2	<10	130	0.23	2.34	0.14	1.62	11.20	6.2	13
FGL005 07+00W		0.45	0.006	0.84	1.37	125.0	<0.2	<10	190	0.25	0.80	0.20	1.01	9.93	7.4	22
FGL005 07+25W		0.47	0.017	0.90	1.76	281	<0.2	<10	220	0.36	0.89	0.23	1.00	17.85	7.5	25
FGL005 07+50W		0.48	0.043	3.04	1.16	259	<0.2	<10	250	0.33	1.54	0.26	1.99	16.85	5.2	18
FGL005 07+75W		0.56	0.029	3.74	1.45	361	<0.2	<10	210	0.35	3.56	0.31	1.61	24.2	9.3	24
FGL005 08+00W		0.44	0.013	0.87	1.62	195.0	<0.2	<10	240	0.36	0.79	0.32	0.80	18.85	8.7	23
FGL005 08+25W		0.62	0.018	1.26	1.45	178.5	<0.2	<10	250	0.38	0.82	0.32	0.83	20.7	7.6	23
FGL005 08+50W		0.44	0.022	1.40	1.39	131.0	<0.2	<10	270	0.27	0.87	0.38	0.74	15.80	6.9	17
FGL005 08+75W		0.50	0.010	1.17	1.52	181.0	<0.2	<10	250	0.29	1.51	0.34	0.66	19.25	7.7	20
FGL005 09+00W		0.42	0.048	2.55	1.91	110.0	<0.2	<10	250	0.64	1.60	0.47	0.95	29.7	7.6	27
FGL005 09+25W		0.44	0.028	1.49	1.57	98.1	<0.2	<10	240	0.45	3.47	0.39	0.69	25.5	7.6	22
FGL005 09+50W		0.39	0.011	0.82	0.98	67.1	<0.2	<10	110	0.19	3.46	0.21	0.34	12.55	4.5	13
FGL005 09+75W		0.31	0.032	2.56	1.61	186.0	<0.2	<10	200	0.28	3.29	0.35	0.39	19.95	7.6	24
FGL005 10+00W		0.50	0.010	0.57	1.55	21.1	<0.2	<10	140	0.33	1.85	0.26	0.38	21.1	5.4	26
FGL005 10+25W		0.64	0.017	1.14	1.75	34.8	<0.2	<10	170	0.41	1.43	0.27	0.39	23.1	7.3	26
FGL005 10+50W		0.55	0.007	0.60	1.30	31.5	<0.2	<10	130	0.25	1.07	0.23	0.32	16.75	11.5	19
FGL005 10+75W		0.56	0.010	0.74	1.54	52.6	<0.2	<10	230	0.63	1.14	0.37	0.76	35.5	16.7	20
FGL005 11+00W		0.51	0.003	0.29	0.98	10.3	<0.2	<10	120	0.25	0.36	0.26	0.16	11.30	4.8	13
FGL005 11+25W		0.36	0.001	0.13	1.06	7.7	<0.2	<10	110	0.21	0.48	0.27	0.23	15.85	6.7	15
FGL005 11+50W		0.38	0.002	0.14	1.14	6.2	<0.2	<10	120	0.24	0.36	0.22	0.16	12.00	4.6	14
FGL005 11+75W		0.45	0.003	0.15	1.53	13.0	<0.2	<10	170	0.32	0.65	0.29	0.31	20.8	8.1	22
FGL005 12+00W		0.48	0.006	0.38	1.15	7.9	<0.2	<10	130	0.27	0.41	0.23	0.16	14.90	5.0	14

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To: TERRALOGIC EXPLORATION SERVICES INC.
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 10- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- Teloex

CERTIFICATE OF ANALYSIS WH13150633

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
FGL005 03+25W		1.83	19.9	1.52	3.60	0.05	<0.02	0.04	0.035	0.06	16.9	6.0	0.31	366	0.88	0.02
FGL005 03+50W		1.72	9.4	0.90	3.47	<0.05	<0.02	0.02	0.017	0.05	3.6	3.2	0.24	212	0.73	0.02
FGL005 03+75W		2.23	20.8	2.39	5.38	0.05	<0.02	0.02	0.044	0.12	10.7	10.2	0.72	365	0.82	0.01
FGL005 04+00W		2.99	24.6	2.61	7.18	0.10	0.02	0.02	0.097	0.12	11.8	12.6	0.62	510	1.26	0.01
FGL005 04+25W		1.68	19.4	0.93	4.37	0.07	<0.02	0.02	0.029	0.07	6.4	4.5	0.24	79	0.49	0.02
FGL005 04+50W		0.96	33.9	1.17	2.43	0.08	<0.02	0.05	0.038	0.05	10.9	2.6	0.11	123	0.70	0.03
FGL005 04+75W		0.65	14.8	0.68	2.01	0.07	<0.02	0.03	0.016	0.04	4.0	1.8	0.08	45	0.22	0.02
FGL005 05+00W		2.86	44.4	2.68	6.12	0.12	0.02	0.05	0.090	0.15	22.1	11.2	0.48	375	0.82	0.02
FGL005 05+25W		2.94	34.6	2.18	5.12	0.09	0.03	0.06	0.093	0.12	12.9	9.9	0.45	308	0.65	0.02
FGL005 05+50W		4.34	29.5	2.08	4.99	0.09	0.04	0.04	0.046	0.12	13.8	10.2	0.48	357	0.76	0.01
FGL005 05+75W		7.08	46.1	3.45	4.94	0.10	0.04	0.03	0.126	0.18	10.3	10.1	0.58	463	1.10	0.01
FGL005 06+00W		2.38	26.9	1.43	3.31	0.07	<0.02	0.04	0.062	0.05	5.0	4.2	0.15	1390	0.53	0.02
FGL005 06+25W		1.89	20.4	2.36	4.82	0.07	0.04	0.03	0.053	0.07	7.0	10.5	0.38	349	0.80	0.01
FGL005 06+50W		2.37	19.8	2.31	4.99	0.06	<0.02	0.02	0.075	0.09	7.1	9.8	0.31	389	1.13	0.01
FGL005 06+75W		2.21	14.9	1.60	3.65	0.06	<0.02	0.02	0.033	0.07	5.5	6.1	0.18	608	0.83	0.02
FGL005 07+00W		2.01	27.2	1.93	4.47	0.07	0.02	0.01	0.026	0.07	4.9	8.2	0.46	329	0.67	0.03
FGL005 07+25W		1.65	30.9	2.46	5.46	0.07	<0.02	0.02	0.033	0.08	8.5	11.7	0.44	262	0.93	0.01
FGL005 07+50W		2.36	51.3	1.88	4.07	0.08	<0.02	0.03	0.044	0.08	9.7	6.8	0.29	244	0.78	0.02
FGL005 07+75W		3.78	32.7	2.53	5.19	0.08	0.03	0.02	0.077	0.13	13.6	13.9	0.45	497	0.92	0.02
FGL005 08+00W		3.66	20.2	2.49	5.31	0.08	0.03	0.02	0.033	0.15	9.7	13.4	0.55	522	0.84	0.02
FGL005 08+25W		3.29	27.1	2.23	4.87	0.08	<0.02	0.02	0.033	0.16	11.3	11.2	0.48	396	0.74	0.02
FGL005 08+50W		4.21	27.9	2.08	5.23	0.08	<0.02	0.03	0.027	0.20	9.3	8.0	0.43	342	0.83	0.03
FGL005 08+75W		5.73	25.5	2.56	5.84	0.10	0.02	0.02	0.032	0.29	10.9	9.0	0.59	428	1.04	0.02
FGL005 09+00W		5.14	53.6	2.12	5.75	0.11	<0.02	0.06	0.034	0.24	16.6	9.5	0.44	404	1.18	0.03
FGL005 09+25W		4.40	41.0	2.38	5.81	0.09	0.02	0.03	0.037	0.26	12.9	8.7	0.55	407	1.12	0.02
FGL005 09+50W		2.95	16.5	1.41	4.51	0.08	<0.02	0.02	0.022	0.10	6.7	6.0	0.26	240	0.86	0.02
FGL005 09+75W		4.81	22.4	1.88	5.97	0.09	<0.02	0.06	0.031	0.13	11.1	7.1	0.42	279	1.20	0.02
FGL005 10+00W		3.64	22.9	2.06	5.57	0.09	<0.02	0.04	0.039	0.12	11.2	8.9	0.50	197	0.83	0.01
FGL005 10+25W		3.94	27.0	2.52	5.75	0.08	<0.02	0.05	0.052	0.12	12.2	11.6	0.56	247	1.11	0.01
FGL005 10+50W		3.00	16.8	2.30	4.96	0.07	<0.02	0.02	0.030	0.10	8.8	7.7	0.43	666	1.34	0.02
FGL005 10+75W		3.15	47.3	2.27	5.02	0.10	<0.02	0.05	0.037	0.11	16.3	9.2	0.40	990	1.47	0.02
FGL005 11+00W		1.86	15.8	1.25	3.49	0.07	<0.02	0.03	0.021	0.09	5.5	4.9	0.26	218	0.38	0.03
FGL005 11+25W		2.08	14.5	1.63	4.40	0.08	<0.02	0.01	0.022	0.09	8.2	7.0	0.36	359	0.71	0.02
FGL005 11+50W		1.90	14.7	1.43	3.83	0.08	<0.02	0.01	0.018	0.10	6.3	6.4	0.31	225	0.57	0.03
FGL005 11+75W		2.25	17.2	2.36	5.57	0.10	0.02	0.01	0.025	0.11	10.9	12.3	0.53	365	0.89	0.02
FGL005 12+00W		1.38	16.5	1.67	4.08	0.07	<0.02	0.02	0.019	0.07	7.9	6.4	0.28	160	0.61	0.02

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44 - 12TH AVENUE SOUTH
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CRANBROOK BC V1C 2R7

Finalized Date: 10- SEP- 2013
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Project: ALSM- CW13- 042- R1- Teloex

CERTIFICATE OF ANALYSIS WH13150633

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
FGL005 03+25W		0.64	8.8	530	71.7	9.2	<0.001	0.02	1.70	2.3	0.7	0.3	20.8	<0.01	0.02	1.2
FGL005 03+50W		0.35	4.9	410	46.8	12.7	<0.001	0.01	1.37	0.7	<0.2	0.3	15.3	<0.01	0.01	<0.2
FGL005 03+75W		1.10	12.1	470	76.6	17.2	<0.001	<0.01	2.28	3.7	<0.2	0.5	19.4	<0.01	0.03	2.5
FGL005 04+00W		1.65	17.1	420	122.5	25.9	<0.001	0.02	8.44	4.4	0.5	0.9	22.7	<0.01	0.06	3.3
FGL005 04+25W		0.58	5.3	280	41.5	13.1	<0.001	0.03	2.78	1.3	0.2	0.5	15.8	<0.01	0.03	0.2
FGL005 04+50W		0.33	5.6	610	45.6	6.7	<0.001	0.06	1.94	0.9	0.6	0.3	18.9	<0.01	0.02	<0.2
FGL005 04+75W		0.23	3.1	310	30.6	4.7	<0.001	0.02	1.08	0.5	<0.2	0.2	9.2	<0.01	0.01	<0.2
FGL005 05+00W		1.20	14.0	590	101.0	23.1	<0.001	0.03	6.40	4.4	0.9	0.9	28.1	<0.01	0.05	4.6
FGL005 05+25W		1.06	12.3	550	145.0	17.2	<0.001	0.04	19.50	3.9	0.7	0.9	29.7	<0.01	0.05	3.8
FGL005 05+50W		1.02	13.0	450	59.9	20.4	<0.001	0.02	47.0	4.8	0.6	0.5	24.2	<0.01	0.03	4.9
FGL005 05+75W		0.75	15.2	550	331	25.5	<0.001	0.08	65.7	7.2	0.4	1.0	28.5	<0.01	0.03	2.7
FGL005 06+00W		0.29	8.0	570	111.0	12.9	<0.001	0.04	5.16	1.2	0.3	0.4	16.3	<0.01	0.01	<0.2
FGL005 06+25W		1.16	17.8	350	45.9	10.0	<0.001	0.02	5.78	3.0	0.4	0.4	16.6	<0.01	0.04	2.1
FGL005 06+50W		0.77	12.3	240	155.0	17.5	<0.001	0.03	15.20	2.4	<0.2	0.6	15.0	<0.01	0.05	1.2
FGL005 06+75W		0.71	7.9	240	70.8	11.9	<0.001	0.02	4.42	1.5	0.2	0.4	17.8	<0.01	0.02	1.0
FGL005 07+00W		0.95	15.0	250	44.2	9.6	<0.001	0.01	3.22	3.3	<0.2	0.3	20.1	<0.01	0.02	1.2
FGL005 07+25W		1.16	18.5	320	33.5	10.4	<0.001	0.02	3.34	3.1	0.4	0.5	21.4	<0.01	0.04	1.8
FGL005 07+50W		0.72	12.6	380	83.9	12.4	<0.001	0.03	11.70	2.8	0.4	0.6	21.2	<0.01	0.03	1.2
FGL005 07+75W		1.04	16.0	350	165.0	19.9	<0.001	0.03	8.86	4.4	0.5	0.8	24.8	<0.01	0.04	2.8
FGL005 08+00W		1.17	14.4	330	49.8	18.9	<0.001	0.01	4.68	4.3	0.3	0.5	23.5	<0.01	0.03	3.1
FGL005 08+25W		1.02	15.7	350	47.2	18.7	<0.001	0.02	8.32	4.2	0.5	0.5	25.1	<0.01	0.03	2.1
FGL005 08+50W		0.86	10.4	450	43.7	31.9	<0.001	0.03	5.07	3.7	0.3	0.5	28.9	<0.01	0.03	1.6
FGL005 08+75W		1.13	10.3	540	73.3	43.9	<0.001	0.04	5.66	4.2	0.3	0.7	26.6	<0.01	0.04	2.6
FGL005 09+00W		1.18	16.6	490	35.5	30.6	<0.001	0.05	6.57	4.7	0.7	0.7	38.1	<0.01	0.06	1.7
FGL005 09+25W		1.50	13.2	410	30.9	32.1	<0.001	0.03	6.93	5.0	0.4	1.1	30.0	<0.01	0.06	3.5
FGL005 09+50W		0.97	7.1	190	24.7	22.7	<0.001	0.01	3.55	2.2	<0.2	0.7	18.0	<0.01	0.06	1.6
FGL005 09+75W		1.04	12.5	560	50.0	30.2	<0.001	0.04	4.78	3.1	0.4	0.9	29.3	<0.01	0.06	0.9
FGL005 10+00W		1.24	13.1	630	63.1	20.7	<0.001	0.03	2.14	3.4	0.7	0.7	22.3	<0.01	0.07	1.8
FGL005 10+25W		1.33	14.8	570	63.1	18.8	<0.001	0.03	2.17	4.1	0.6	0.8	23.7	<0.01	0.07	2.7
FGL005 10+50W		1.06	10.7	550	44.7	17.0	<0.001	0.02	1.23	2.9	0.4	0.6	20.4	<0.01	0.05	1.4
FGL005 10+75W		0.93	15.0	640	42.8	18.7	<0.001	0.04	1.21	3.6	0.5	0.6	28.8	<0.01	0.05	0.8
FGL005 11+00W		0.67	7.7	420	13.0	15.2	<0.001	0.03	0.39	2.1	0.2	0.3	19.8	<0.01	0.02	0.6
FGL005 11+25W		0.77	8.3	300	10.4	18.3	<0.001	0.03	0.54	2.0	0.3	0.5	20.4	<0.01	0.03	0.6
FGL005 11+50W		0.78	8.2	260	7.0	16.3	<0.001	0.03	0.37	2.2	0.4	0.4	17.1	<0.01	0.02	1.2
FGL005 11+75W		1.33	12.3	410	14.4	18.5	<0.001	0.03	0.66	3.5	0.2	0.7	21.6	<0.01	0.03	2.7
FGL005 12+00W		0.89	8.6	370	12.5	10.9	<0.001	0.02	0.50	2.4	0.2	0.4	18.7	<0.01	0.02	1.5

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

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

To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 10- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- Teloex

CERTIFICATE OF ANALYSIS WH13150633

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
FGL005 03+25W		0.053	0.10	1.27	35	0.13	12.45	124	<0.5
FGL005 03+50W		0.037	0.11	0.34	23	0.12	1.39	65	<0.5
FGL005 03+75W		0.099	0.15	0.86	56	0.17	4.18	174	0.5
FGL005 04+00W		0.098	0.24	0.60	59	0.27	5.31	242	0.9
FGL005 04+25W		0.048	0.12	0.50	22	0.10	2.98	62	<0.5
FGL005 04+50W		0.026	0.09	1.19	20	0.10	7.09	52	<0.5
FGL005 04+75W		0.031	0.06	0.46	19	<0.05	1.87	43	<0.5
FGL005 05+00W		0.095	0.25	1.61	61	0.22	13.10	284	0.8
FGL005 05+25W		0.065	0.24	1.18	48	0.36	7.62	310	1.0
FGL005 05+50W		0.065	0.47	1.63	45	0.16	8.68	196	1.4
FGL005 05+75W		0.058	0.85	0.86	61	0.25	5.92	422	1.5
FGL005 06+00W		0.036	0.27	0.55	31	0.09	2.36	158	<0.5
FGL005 06+25W		0.066	0.43	0.43	52	0.18	2.96	237	1.3
FGL005 06+50W		0.040	0.69	0.43	46	0.25	2.21	477	<0.5
FGL005 06+75W		0.034	0.18	0.36	34	0.18	1.79	244	0.7
FGL005 07+00W		0.074	0.18	0.29	47	0.17	2.79	230	0.7
FGL005 07+25W		0.059	0.17	0.63	52	0.21	4.13	156	0.6
FGL005 07+50W		0.049	0.24	0.79	41	0.12	5.53	257	<0.5
FGL005 07+75W		0.066	0.33	0.74	54	0.19	5.90	269	1.1
FGL005 08+00W		0.084	0.34	0.58	60	0.15	4.82	151	1.3
FGL005 08+25W		0.068	0.34	0.69	51	0.18	6.71	156	0.6
FGL005 08+50W		0.083	0.39	0.69	57	0.72	5.98	127	0.5
FGL005 08+75W		0.108	0.59	0.73	66	0.30	5.50	155	0.7
FGL005 09+00W		0.059	0.44	1.95	41	0.23	13.80	164	<0.5
FGL005 09+25W		0.090	0.46	1.60	48	0.28	7.51	133	0.9
FGL005 09+50W		0.063	0.25	0.56	35	0.24	2.74	75	0.5
FGL005 09+75W		0.060	0.48	0.98	40	0.23	4.49	98	<0.5
FGL005 10+00W		0.081	0.30	1.44	48	0.30	4.94	89	<0.5
FGL005 10+25W		0.080	0.31	1.73	57	0.21	5.31	120	<0.5
FGL005 10+50W		0.066	0.22	0.86	56	0.22	3.99	93	<0.5
FGL005 10+75W		0.053	0.25	2.50	50	0.20	11.00	98	<0.5
FGL005 11+00W		0.050	0.14	0.70	34	0.12	3.15	42	<0.5
FGL005 11+25W		0.068	0.15	0.52	43	0.23	2.98	45	<0.5
FGL005 11+50W		0.054	0.14	0.54	33	0.52	2.74	40	<0.5
FGL005 11+75W		0.094	0.19	0.74	57	0.26	4.61	68	0.6
FGL005 12+00W		0.062	0.13	0.82	41	0.20	5.17	46	<0.5

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

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

To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 10- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- Teloex

CERTIFICATE OF ANALYSIS WH13150633

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: Gold determinations by this method are semi- quantitative due to the small sample weight used (0.5g).
ME- MS41

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
LOG- 22 SCR- 41 WEI- 21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- TL44 ME- MS41

ALS Canada Ltd.
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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 7- SEP- 2013
Account: TELOEX

CERTIFICATE WH13150634

Project: ALSM- CW13- 042- R1- Teloex

P.O. No.: FG13- 001

This report is for 114 Soil samples submitted to our lab in Whitehorse, YT, Canada on 19- AUG- 2013.

The following have access to data associated with this certificate:

JESSE CAMPBELL MIKE MCCUAIG	CHRIS GALLAGHER	GRAEME HOPKINS

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SCR- 41	Screen to - 180um and save both

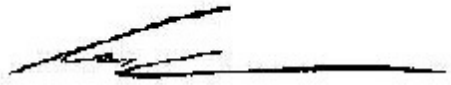
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- TL44	Trace Level Au - 50 g AR	ICP- MS
ME- MS41	51 anal. aqua regia ICPMS	

To: **TERRALOGIC EXPLORATION SERVICES INC.**
ATTN: MIKE MCCUAIG
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

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

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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North Vancouver BC V7H 0A7
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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 7- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- Teloex

CERTIFICATE OF ANALYSIS WH13150634

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- TL44 Au ppm 0.001	ME- MS41 Ag ppm 0.01	ME- MS41 Al % 0.01	ME- MS41 As ppm 0.1	ME- MS41 Au ppm 0.2	ME- MS41 B ppm 10	ME- MS41 Ba ppm 10	ME- MS41 Be ppm 0.05	ME- MS41 Bi ppm 0.01	ME- MS41 Ca % 0.01	ME- MS41 Cd ppm 0.01	ME- MS41 Ce ppm 0.02	ME- MS41 Co ppm 0.1	ME- MS41 Cr ppm 1
FGL006 00+00		0.24	0.003	0.27	1.01	18.8	<0.2	<10	80	0.23	0.11	0.19	0.25	17.95	6.0	13
FGL006 00+25W		0.31	0.002	0.27	0.93	17.9	<0.2	<10	80	0.17	0.11	0.15	0.32	10.70	5.5	12
FGL006 00+50W		0.37	0.002	0.14	1.41	32.3	<0.2	<10	90	0.20	0.17	0.21	0.38	13.10	7.6	21
FGL006 00+75W		0.43	0.003	0.32	1.30	43.8	<0.2	<10	120	0.23	0.24	0.32	0.64	18.70	7.6	18
FGL006 01+00W		0.48	0.017	0.77	1.37	42.7	<0.2	<10	140	0.29	0.18	0.33	0.31	21.6	8.2	19
FGL006 01+25W		0.39	0.011	1.09	1.73	17.8	<0.2	<10	140	0.40	0.16	0.23	0.74	18.75	10.7	19
FGL006 01+50W		0.35	0.007	0.44	2.04	39.9	<0.2	<10	170	0.40	0.32	0.25	0.34	17.85	12.9	27
FGL006 01+75W		0.45	0.006	0.45	1.70	39.4	<0.2	<10	150	0.38	0.36	0.26	0.23	23.2	8.5	26
FGL006 02+00W		0.40	0.003	0.71	1.52	50.6	<0.2	<10	110	0.27	0.50	0.20	0.60	14.40	9.0	19
FGL006 02+25W		0.22	0.004	0.70	0.78	17.4	<0.2	<10	60	0.18	0.17	0.15	0.39	8.61	4.8	12
FGL006 02+50W		0.45	0.007	0.40	1.54	46.4	<0.2	<10	120	0.22	0.53	0.36	0.38	16.10	9.8	23
FGL006 02+75W		0.48	0.015	0.74	1.65	54.6	<0.2	<10	160	0.32	0.40	0.42	0.45	21.1	9.6	24
FGL006 03+00W		0.23	0.008	0.97	0.91	27.2	<0.2	<10	90	0.13	0.20	0.17	1.46	8.97	5.4	11
FGL006 03+25W		0.33	0.014	1.25	1.45	102.0	<0.2	<10	110	0.28	0.31	0.28	1.27	16.90	10.1	21
FGL006 03+50W		0.52	0.008	0.74	1.90	49.9	<0.2	<10	100	0.30	0.52	0.22	0.92	16.20	10.9	27
FGL006 03+75W		0.34	0.023	2.11	1.58	59.3	<0.2	<10	110	0.33	0.43	0.21	1.46	15.95	5.9	20
FGL006 04+00W		0.34	0.027	1.77	0.93	66.6	<0.2	<10	70	0.15	0.40	0.13	0.55	9.11	4.7	12
FGL006 04+25W		0.52	0.021	1.14	1.79	56.9	<0.2	<10	180	0.40	0.38	0.32	1.16	40.3	11.3	31
FGL006 04+50W		0.31	0.019	2.13	1.57	46.1	<0.2	<10	150	0.46	0.35	0.21	2.00	31.1	6.6	20
FGL006 04+75W		0.28	0.024	2.12	1.64	93.5	<0.2	<10	110	0.34	0.39	0.18	2.13	19.70	7.8	23
FGL006 05+00W		0.37	0.015	1.67	1.32	66.6	<0.2	<10	100	0.30	0.30	0.18	1.68	16.60	7.7	18
FGL006 05+25W		0.32	0.005	1.67	0.92	31.9	<0.2	<10	100	0.20	0.58	0.16	1.99	13.90	4.8	12
FGL006 05+50W		0.38	0.005	1.58	1.05	18.7	<0.2	<10	100	0.20	0.41	0.15	0.49	12.30	5.2	14
FGL006 05+75W		0.27	0.008	1.82	1.52	41.0	<0.2	<10	140	0.37	0.59	0.16	0.90	23.4	7.5	18
FGL006 06+00W		0.35	0.036	2.95	2.12	211	<0.2	<10	300	0.42	2.16	0.32	1.15	18.75	11.8	26
FGL006 06+25W		0.49	0.031	2.82	1.30	170.0	<0.2	<10	190	0.39	2.72	0.36	1.42	19.75	7.7	26
FGL006 06+50W		0.52	0.040	2.65	1.61	351	<0.2	<10	230	0.38	3.40	0.41	2.11	18.30	8.3	36
FGL006 06+75W		0.35	0.011	1.89	0.95	158.0	<0.2	<10	90	0.16	0.58	0.19	1.30	9.90	5.4	19
FGL006 07+00W		0.38	0.013	3.26	0.93	177.0	<0.2	<10	150	0.23	2.57	0.32	1.88	11.70	5.6	17
FGL006 07+25W		0.32	0.013	5.08	2.08	386	<0.2	<10	260	0.56	4.46	0.42	2.69	18.85	11.5	47
FGL006 07+50W		0.49	0.019	2.57	1.37	360	<0.2	<10	210	0.31	3.29	0.26	1.12	17.20	7.9	28
FGL006 07+75W		0.33	0.007	1.79	0.95	184.5	<0.2	<10	130	0.18	1.53	0.25	0.87	12.40	7.2	17
FGL006 08+00W		0.60	0.045	2.08	1.18	143.5	<0.2	<10	170	0.27	0.77	0.18	0.57	10.95	5.6	13
FGL006 08+25W		0.32	0.009	0.98	1.09	57.0	<0.2	<10	170	0.25	0.77	0.26	0.42	15.40	5.8	15
FGL006 08+50W		0.37	0.006	1.01	1.05	45.3	<0.2	<10	120	0.22	1.51	0.17	0.65	10.40	5.6	16
FGL006 08+75W		0.56	0.009	0.91	1.38	59.8	<0.2	<10	160	0.28	1.23	0.20	0.64	12.45	7.6	23
FGL006 09+00W		0.40	0.049	3.56	1.55	111.5	<0.2	<10	360	0.52	6.38	0.57	0.93	27.1	8.8	19
FGL006 09+25W		0.59	0.018	1.29	1.78	147.0	<0.2	<10	270	0.47	8.16	0.52	0.62	26.7	10.5	29
FGL006 09+50W		0.34	0.045	2.35	1.31	239	<0.2	<10	220	0.27	2.71	0.31	0.48	16.10	9.6	19
FGL006 09+75W		0.30	0.014	0.85	1.14	21.5	<0.2	<10	170	0.25	1.09	0.27	0.38	24.0	3.4	18

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

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44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 7- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- Teloex

CERTIFICATE OF ANALYSIS WH13150634

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
FGL006 00+00		3.08	19.3	1.52	4.43	0.07	<0.02	0.02	0.014	0.07	11.4	5.7	0.31	227	0.65	0.03
FGL006 00+25W		1.86	17.7	1.65	4.09	0.07	<0.02	0.02	0.011	0.06	5.9	5.8	0.25	234	0.63	0.03
FGL006 00+50W		1.93	9.6	2.40	5.44	0.07	0.02	0.01	0.021	0.07	6.8	12.4	0.61	288	0.80	0.02
FGL006 00+75W		6.84	23.9	2.47	6.86	0.08	<0.02	0.01	0.027	0.08	10.6	8.5	0.53	293	1.24	0.01
FGL006 01+00W		2.83	17.4	1.97	4.55	0.09	0.02	0.03	0.027	0.06	13.2	10.5	0.48	395	0.46	0.03
FGL006 01+25W		2.87	23.8	2.38	5.98	0.08	0.02	0.04	0.030	0.05	13.5	12.6	0.77	905	0.70	0.02
FGL006 01+50W		4.50	15.2	3.00	6.58	0.08	0.02	0.03	0.030	0.06	10.0	16.7	0.67	511	0.88	0.01
FGL006 01+75W		2.15	21.5	2.35	5.93	0.08	0.03	0.02	0.027	0.06	13.4	13.0	0.54	392	0.90	0.02
FGL006 02+00W		3.55	13.4	2.28	6.48	0.07	<0.02	0.01	0.027	0.07	7.6	10.5	0.40	522	1.09	0.01
FGL006 02+25W		2.54	10.8	1.36	3.54	0.07	<0.02	0.02	0.014	0.05	4.6	4.6	0.22	192	0.51	0.02
FGL006 02+50W		2.55	11.4	2.45	5.65	0.08	0.03	0.01	0.023	0.06	9.1	12.4	0.70	400	0.85	0.01
FGL006 02+75W		3.84	20.1	2.47	5.56	0.09	0.02	0.03	0.026	0.10	12.4	12.9	0.69	341	0.79	0.02
FGL006 03+00W		2.78	17.2	1.35	4.08	0.07	<0.02	0.02	0.016	0.10	5.2	4.6	0.27	237	0.58	0.02
FGL006 03+25W		4.33	21.3	2.46	5.97	0.08	<0.02	0.02	0.045	0.13	9.7	10.8	0.54	581	0.98	0.02
FGL006 03+50W		2.76	16.2	2.92	6.99	0.08	0.02	0.02	0.029	0.13	9.2	17.5	0.68	521	1.01	0.01
FGL006 03+75W		4.01	32.3	1.98	4.92	0.08	<0.02	0.04	0.038	0.14	9.6	9.5	0.47	272	0.71	0.03
FGL006 04+00W		1.98	11.4	1.61	3.87	0.07	<0.02	0.02	0.026	0.08	5.1	5.4	0.23	189	0.54	0.03
FGL006 04+25W		3.32	37.2	2.90	6.50	0.11	0.03	0.02	0.044	0.18	24.9	15.2	0.72	368	1.06	0.01
FGL006 04+50W		2.81	29.2	1.97	5.78	0.10	0.02	0.04	0.046	0.12	21.1	10.0	0.37	272	0.84	0.02
FGL006 04+75W		3.13	29.1	2.34	6.76	0.08	<0.02	0.04	0.050	0.15	12.1	12.0	0.45	389	0.98	0.02
FGL006 05+00W		1.99	23.7	2.10	5.33	0.08	<0.02	0.02	0.069	0.12	9.3	10.3	0.34	510	0.70	0.01
FGL006 05+25W		1.50	20.6	1.66	5.38	0.07	<0.02	0.02	0.028	0.07	7.3	5.7	0.18	384	0.87	0.01
FGL006 05+50W		0.89	19.0	1.69	4.09	0.08	0.02	0.02	0.019	0.06	6.6	6.5	0.24	219	0.54	0.02
FGL006 05+75W		2.11	39.6	2.04	5.55	0.09	0.03	0.02	0.037	0.10	14.6	9.6	0.36	325	0.57	0.02
FGL006 06+00W		7.63	68.3	3.47	7.02	0.11	0.02	0.03	0.061	0.50	11.6	15.9	0.98	595	1.56	0.02
FGL006 06+25W		2.69	48.3	1.96	4.37	0.10	<0.02	0.03	0.036	0.10	10.9	8.6	0.45	385	0.97	0.03
FGL006 06+50W		5.50	36.2	2.93	5.62	0.09	<0.02	0.02	0.088	0.16	10.4	9.3	0.66	555	1.27	0.02
FGL006 06+75W		1.94	15.5	1.72	3.64	0.07	<0.02	0.02	0.040	0.09	5.4	7.0	0.30	376	0.69	0.03
FGL006 07+00W		2.54	28.2	1.92	3.74	0.08	<0.02	0.02	0.069	0.09	6.5	5.7	0.28	510	0.84	0.02
FGL006 07+25W		6.87	66.2	3.47	7.85	0.09	<0.02	0.02	0.081	0.19	10.5	11.8	0.59	886	1.47	0.02
FGL006 07+50W		3.25	29.8	2.48	5.01	0.08	0.02	0.02	0.045	0.10	9.6	11.3	0.48	367	0.99	0.01
FGL006 07+75W		3.13	15.2	2.00	4.48	0.08	<0.02	0.02	0.034	0.13	6.6	5.6	0.35	456	0.72	0.02
FGL006 08+00W		3.29	20.9	1.92	4.03	0.08	<0.02	0.05	0.026	0.10	7.2	5.2	0.22	236	0.70	0.03
FGL006 08+25W		2.91	27.9	1.80	4.19	0.08	<0.02	0.03	0.016	0.12	9.2	6.4	0.32	254	0.81	0.03
FGL006 08+50W		3.72	19.6	1.68	4.78	0.08	<0.02	0.02	0.016	0.14	5.8	6.9	0.33	265	0.70	0.03
FGL006 08+75W		4.15	25.2	1.79	5.22	0.08	0.03	0.02	0.018	0.14	7.2	7.1	0.38	343	0.86	0.03
FGL006 09+00W		4.54	72.2	2.04	4.80	0.10	0.02	0.07	0.041	0.16	15.7	7.2	0.37	520	1.42	0.03
FGL006 09+25W		4.79	51.4	2.84	6.34	0.10	0.02	0.03	0.045	0.21	14.9	10.6	0.65	594	1.72	0.02
FGL006 09+50W		3.75	27.5	1.69	4.66	0.09	<0.02	0.05	0.026	0.11	9.0	6.1	0.31	672	1.30	0.03
FGL006 09+75W		4.43	14.7	1.29	5.08	0.05	<0.02	0.08	0.019	0.08	14.0	5.2	0.28	133	0.47	0.01

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

ALS Canada Ltd.
2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 7- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- Teloex

CERTIFICATE OF ANALYSIS WH13150634

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
FGL006 00+00		0.56	7.7	290	8.0	15.7	<0.001	0.02	2.06	2.2	0.3	0.3	15.9	<0.01	0.01	0.6
FGL006 00+25W		0.54	7.1	330	7.9	13.4	<0.001	0.02	1.06	1.5	<0.2	0.2	14.6	<0.01	0.01	0.5
FGL006 00+50W		1.17	11.2	230	14.7	12.6	<0.001	0.01	2.08	2.9	0.3	0.4	18.0	<0.01	0.01	1.9
FGL006 00+75W		1.11	11.1	310	24.4	26.0	<0.001	0.01	7.72	3.6	0.2	0.5	22.0	<0.01	0.01	2.3
FGL006 01+00W		0.82	12.3	450	43.0	9.5	<0.001	0.01	2.59	4.2	0.5	0.4	19.6	<0.01	0.01	2.5
FGL006 01+25W		0.80	11.5	310	25.4	10.2	<0.001	0.01	1.11	5.2	0.4	0.4	20.9	<0.01	0.02	4.0
FGL006 01+50W		1.16	16.0	300	22.5	10.9	<0.001	<0.01	2.58	4.4	0.3	0.5	21.4	<0.01	0.04	3.8
FGL006 01+75W		1.22	15.1	240	27.5	10.7	<0.001	<0.01	1.36	4.5	0.4	0.5	21.0	<0.01	0.02	3.3
FGL006 02+00W		1.12	10.6	350	37.3	18.4	<0.001	0.01	1.70	3.1	0.2	0.5	20.6	<0.01	0.04	1.7
FGL006 02+25W		0.50	6.3	320	20.2	11.8	<0.001	0.01	0.95	1.8	0.2	0.3	13.9	<0.01	0.01	1.0
FGL006 02+50W		1.25	12.7	390	46.7	14.1	<0.001	0.01	2.62	3.5	0.2	0.5	21.4	<0.01	0.02	3.1
FGL006 02+75W		0.96	14.8	580	51.1	15.7	<0.001	0.02	3.36	3.9	0.4	0.4	25.0	<0.01	0.03	2.9
FGL006 03+00W		0.41	7.0	410	34.4	13.9	<0.001	0.02	0.99	1.1	0.2	0.3	15.6	<0.01	0.02	<0.2
FGL006 03+25W		0.93	11.8	510	107.5	23.6	<0.001	0.02	3.97	3.0	0.3	0.6	19.6	<0.01	0.02	1.5
FGL006 03+50W		1.34	14.8	500	78.7	21.9	<0.001	0.01	2.60	3.3	0.4	0.7	16.5	<0.01	0.05	1.8
FGL006 03+75W		0.63	11.1	410	157.0	20.2	<0.001	0.02	3.34	2.5	0.3	0.6	17.9	<0.01	0.03	0.5
FGL006 04+00W		0.50	6.3	360	133.0	11.3	<0.001	0.01	2.71	1.5	0.4	0.7	11.8	<0.01	0.04	0.4
FGL006 04+25W		1.68	18.8	600	123.0	22.4	<0.001	0.02	4.69	5.4	0.6	1.1	22.1	<0.01	0.04	5.9
FGL006 04+50W		1.26	12.0	400	105.5	19.5	<0.001	0.01	3.64	3.2	0.7	0.7	20.3	<0.01	0.04	2.3
FGL006 04+75W		1.48	12.3	390	324	22.8	<0.001	0.02	9.02	2.9	0.5	1.0	17.8	<0.01	0.03	1.6
FGL006 05+00W		1.15	9.9	700	162.0	17.2	<0.001	0.02	4.17	2.2	0.3	1.2	15.8	<0.01	0.03	1.4
FGL006 05+25W		1.02	6.4	320	178.0	15.3	<0.001	0.01	2.26	1.5	0.2	0.7	16.1	<0.01	0.04	0.9
FGL006 05+50W		1.08	8.9	220	30.1	8.7	<0.001	0.01	0.93	1.8	0.2	0.4	15.6	<0.01	0.03	1.8
FGL006 05+75W		1.55	11.0	220	103.5	16.9	<0.001	0.01	1.96	3.1	0.3	0.7	16.9	<0.01	0.02	2.4
FGL006 06+00W		1.32	14.5	440	150.5	44.8	<0.001	0.02	19.55	7.4	0.5	0.8	25.1	<0.01	0.06	2.5
FGL006 06+25W		0.80	16.1	520	117.5	14.8	<0.001	0.02	10.90	3.9	0.6	0.5	26.3	<0.01	0.04	1.2
FGL006 06+50W		0.89	18.9	500	265	26.8	<0.001	0.04	13.75	5.1	0.5	1.1	29.1	<0.01	0.07	1.8
FGL006 06+75W		0.82	8.9	240	97.0	19.0	<0.001	0.02	5.42	2.1	0.2	0.4	15.9	<0.01	0.03	0.9
FGL006 07+00W		0.66	9.9	360	137.5	16.9	<0.001	0.03	6.03	2.3	0.3	0.5	24.2	<0.01	0.03	0.7
FGL006 07+25W		1.18	25.2	420	175.5	38.5	<0.001	0.03	8.38	5.3	0.6	1.2	36.7	<0.01	0.05	2.1
FGL006 07+50W		1.14	16.4	260	142.0	19.0	<0.001	0.02	7.55	3.5	0.4	0.8	21.9	<0.01	0.05	2.4
FGL006 07+75W		0.80	9.0	420	87.0	23.0	<0.001	0.02	8.13	2.4	0.3	0.5	19.0	<0.01	0.02	1.4
FGL006 08+00W		0.50	7.9	330	46.7	17.0	<0.001	0.02	4.74	2.9	0.5	0.4	17.7	<0.01	0.05	1.2
FGL006 08+25W		0.80	7.8	490	20.3	17.3	<0.001	0.01	4.09	2.6	0.4	0.3	21.8	<0.01	0.04	1.8
FGL006 08+50W		0.89	8.5	260	23.8	25.0	<0.001	0.01	2.75	2.6	0.2	0.6	17.5	<0.01	0.04	1.0
FGL006 08+75W		1.22	11.3	170	21.4	27.2	<0.001	0.01	3.76	2.6	0.2	0.6	22.1	<0.01	0.05	1.9
FGL006 09+00W		0.93	16.5	620	39.3	25.7	<0.001	0.05	11.25	4.1	1.0	0.9	45.8	<0.01	0.08	1.8
FGL006 09+25W		1.41	17.0	470	42.2	31.1	<0.001	0.03	9.43	5.1	0.6	0.9	36.4	<0.01	0.11	4.4
FGL006 09+50W		0.68	10.2	510	38.5	20.4	<0.001	0.04	5.02	2.6	0.6	0.7	28.3	<0.01	0.05	0.8
FGL006 09+75W		0.75	8.8	580	17.8	21.7	<0.001	0.04	1.63	2.2	0.4	0.6	28.5	<0.01	0.02	0.4

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

ALS Canada Ltd.
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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 7- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- Teloex

CERTIFICATE OF ANALYSIS WH13150634

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
FGL006 00+00		0.055	0.09	0.66	38	0.11	4.34	34	<0.5
FGL006 00+25W		0.063	0.07	0.43	47	0.09	2.09	36	<0.5
FGL006 00+50W		0.093	0.09	0.42	58	0.23	2.52	57	0.5
FGL006 00+75W		0.095	0.16	0.70	69	0.27	4.14	75	0.5
FGL006 01+00W		0.062	0.14	0.88	45	0.14	7.65	79	0.5
FGL006 01+25W		0.064	0.13	0.93	55	0.15	4.72	70	0.7
FGL006 01+50W		0.080	0.20	0.66	66	0.26	3.70	70	0.8
FGL006 01+75W		0.081	0.17	0.78	57	0.17	6.47	66	1.1
FGL006 02+00W		0.065	0.15	0.41	57	0.19	2.26	84	0.5
FGL006 02+25W		0.048	0.09	0.32	38	0.12	1.99	41	<0.5
FGL006 02+50W		0.090	0.20	0.46	55	0.26	3.07	112	1.2
FGL006 02+75W		0.083	0.24	1.13	53	0.17	5.36	132	0.6
FGL006 03+00W		0.049	0.12	0.47	34	0.09	2.17	71	<0.5
FGL006 03+25W		0.091	0.20	0.75	59	0.17	3.94	185	<0.5
FGL006 03+50W		0.109	0.19	0.47	69	0.18	3.24	214	0.6
FGL006 03+75W		0.057	0.20	0.80	42	0.14	5.05	304	<0.5
FGL006 04+00W		0.059	0.14	0.38	42	0.11	2.03	129	<0.5
FGL006 04+25W		0.102	0.24	1.19	59	0.21	11.05	288	1.0
FGL006 04+50W		0.070	0.18	0.95	43	0.19	8.51	216	0.5
FGL006 04+75W		0.088	0.22	0.67	51	0.19	4.11	290	0.6
FGL006 05+00W		0.073	0.14	0.51	47	0.18	3.31	224	<0.5
FGL006 05+25W		0.067	0.11	0.44	46	0.18	2.30	133	<0.5
FGL006 05+50W		0.068	0.08	0.31	44	0.13	2.20	64	0.7
FGL006 05+75W		0.076	0.17	0.46	47	0.19	6.57	184	1.0
FGL006 06+00W		0.136	0.66	0.85	81	0.17	6.05	326	0.8
FGL006 06+25W		0.064	0.26	1.39	43	0.35	8.01	217	<0.5
FGL006 06+50W		0.084	0.52	0.88	63	0.28	5.90	600	<0.5
FGL006 06+75W		0.058	0.17	0.32	39	0.13	2.04	240	<0.5
FGL006 07+00W		0.054	0.22	0.43	41	0.14	2.91	231	<0.5
FGL006 07+25W		0.072	0.39	0.80	71	0.23	4.69	462	0.6
FGL006 07+50W		0.064	0.32	0.53	50	0.23	3.52	217	0.9
FGL006 07+75W		0.076	0.29	0.37	51	0.16	2.90	138	<0.5
FGL006 08+00W		0.060	0.29	0.65	51	0.14	3.89	118	<0.5
FGL006 08+25W		0.075	0.51	0.74	48	0.19	3.75	70	<0.5
FGL006 08+50W		0.080	0.36	0.48	45	0.18	2.96	88	<0.5
FGL006 08+75W		0.083	0.35	0.56	43	0.19	3.51	92	1.5
FGL006 09+00W		0.058	0.44	2.78	40	0.22	13.95	114	0.7
FGL006 09+25W		0.101	0.49	1.70	61	0.37	7.15	144	0.9
FGL006 09+50W		0.050	0.37	1.11	36	0.20	4.63	84	<0.5
FGL006 09+75W		0.049	0.30	1.07	26	0.20	5.53	52	<0.5

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

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 7- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- Teloex

CERTIFICATE OF ANALYSIS WH13150634

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- TL44 Au ppm 0.001	ME- MS41 Ag ppm 0.01	ME- MS41 Al % 0.01	ME- MS41 As ppm 0.1	ME- MS41 Au ppm 0.2	ME- MS41 B ppm 10	ME- MS41 Ba ppm 10	ME- MS41 Be ppm 0.05	ME- MS41 Bi ppm 0.01	ME- MS41 Ca % 0.01	ME- MS41 Cd ppm 0.01	ME- MS41 Ce ppm 0.02	ME- MS41 Co ppm 0.1	ME- MS41 Cr ppm 1
FGL006 10+00W		0.53	0.009	0.63	1.29	19.2	<0.2	<10	120	0.22	1.42	0.22	0.28	18.15	4.6	22
FGL006 10+25W		0.55	0.009	0.71	0.89	21.2	<0.2	<10	100	0.20	0.90	0.20	0.28	14.50	3.5	17
FGL006 10+50W		0.35	0.008	1.25	1.03	13.3	<0.2	<10	140	0.24	0.76	0.22	0.33	15.45	4.2	17
FGL006 10+75W		0.37	0.007	0.65	1.35	15.0	<0.2	<10	150	0.31	1.02	0.28	0.26	18.70	6.9	21
FGL006 11+00W		0.49	0.009	0.54	1.78	14.3	<0.2	<10	250	0.42	1.29	0.38	0.24	31.2	9.3	27
FGL006 11+25W		0.70	0.004	0.28	1.27	8.0	<0.2	<10	180	0.31	0.84	0.37	0.12	23.8	7.0	20
FGL006 11+50W		0.62	0.004	0.17	1.59	8.4	<0.2	<10	190	0.37	0.81	0.40	0.22	27.3	8.5	24
FGL006 11+75W		0.45	0.004	0.28	1.33	11.5	<0.2	<10	150	0.44	0.74	0.30	0.40	19.30	6.7	22
FGL006 12+00W		0.49	0.002	0.27	1.37	8.2	<0.2	<10	150	0.38	0.81	0.25	0.60	19.75	7.5	19
FGL001 00+00 DUP		0.55														
FGL001 01+00W DUP		0.46														
FGL001 02+00W DUP		0.61														
FGL001 03+00W DUP		0.33														
FGL001 04+00W DUP		0.46														
FGL001 05+00W DUP		0.69														
FGL001 06+00W DUP		0.51														
FGL001 07+00W DUP		0.53														
FGL001 08+00W DUP		0.41														
FGL001 09+00W DUP		0.47														
FGL001 10+00W DUP		0.51														
FGL001 11+00W DUP		0.48														
FGL001 12+00W DUP		0.44														
FGL002 00+00 DUP		0.37														
FGL002 01+00W DUP		0.27														
FGL002 02+00W DUP		0.38														
FGL002 03+00W DUP		0.53														
FGL002 04+00W DUP		0.33														
FGL002 05+00W DUP		0.27														
FGL002 06+00W DUP		0.27														
FGL002 07+00W DUP		0.39														
FGL002 08+00W DUP		0.49														
FGL002 09+00W DUP		0.33														
FGL002 10+00W DUP		0.39														
FGL002 11+00W DUP		0.30														
FGL002 12+00W DUP		0.13														
FGL003 00+00 DUP		0.26														
FGL003 01+00W DUP		0.40														
FGL003 02+00W DUP		0.49														
FGL003 03+00W DUP		0.35														
FGL003 04+00W DUP		0.35														

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

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To: TERRALOGIC EXPLORATION SERVICES INC.
44 - 12TH AVENUE SOUTH
SUITE 200
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Finalized Date: 7- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- Teloex

CERTIFICATE OF ANALYSIS WH13150634

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
FGL006 10+00W		3.70	14.5	1.82	5.12	0.06	<0.02	0.05	0.022	0.12	10.2	7.3	0.44	182	1.00	0.01
FGL006 10+25W		2.33	13.3	1.54	4.17	0.05	<0.02	0.04	0.023	0.07	7.4	5.0	0.28	137	0.75	0.01
FGL006 10+50W		3.10	15.9	1.51	4.54	<0.05	<0.02	0.05	0.021	0.07	8.0	5.4	0.31	159	0.93	0.01
FGL006 10+75W		3.58	17.1	1.98	5.94	<0.05	<0.02	0.04	0.026	0.11	10.3	8.3	0.48	324	1.20	0.02
FGL006 11+00W		3.65	23.0	2.57	6.39	0.05	0.02	0.04	0.045	0.11	17.1	12.3	0.63	438	1.13	0.01
FGL006 11+25W		2.22	16.9	1.92	4.59	0.06	0.02	0.03	0.027	0.08	12.8	8.8	0.44	341	0.79	0.02
FGL006 11+50W		2.83	15.4	2.43	6.32	0.05	0.03	0.01	0.025	0.11	15.1	14.1	0.65	406	1.03	0.01
FGL006 11+75W		2.23	18.2	2.26	4.74	0.06	<0.02	0.01	0.027	0.11	10.7	10.9	0.51	316	1.03	0.02
FGL006 12+00W		1.70	20.8	2.03	6.06	<0.05	<0.02	0.02	0.019	0.09	10.7	8.6	0.37	535	1.31	0.01
FGL001 00+00 DUP																
FGL001 01+00W DUP																
FGL001 02+00W DUP																
FGL001 03+00W DUP																
FGL001 04+00W DUP																
FGL001 05+00W DUP																
FGL001 06+00W DUP																
FGL001 07+00W DUP																
FGL001 08+00W DUP																
FGL001 09+00W DUP																
FGL001 10+00W DUP																
FGL001 11+00W DUP																
FGL001 12+00W DUP																
FGL002 00+00 DUP																
FGL002 01+00W DUP																
FGL002 02+00W DUP																
FGL002 03+00W DUP																
FGL002 04+00W DUP																
FGL002 05+00W DUP																
FGL002 06+00W DUP																
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FGL002 09+00W DUP																
FGL002 10+00W DUP																
FGL002 11+00W DUP																
FGL002 12+00W DUP																
FGL003 00+00 DUP																
FGL003 01+00W DUP																
FGL003 02+00W DUP																
FGL003 03+00W DUP																
FGL003 04+00W DUP																

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

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

To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 7- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- Teloex

CERTIFICATE OF ANALYSIS WH13150634

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
FGL006 10+00W		0.88	10.6	560	26.9	18.0	<0.001	0.02	2.50	2.5	0.5	0.6	20.5	<0.01	0.05	0.9
FGL006 10+25W		0.54	7.7	560	34.3	12.1	<0.001	0.02	1.53	1.6	0.5	0.4	21.2	<0.01	0.04	0.3
FGL006 10+50W		0.50	9.1	650	27.0	13.6	<0.001	0.04	1.38	1.7	0.7	0.6	24.2	<0.01	0.05	0.3
FGL006 10+75W		0.98	11.2	430	23.7	22.3	<0.001	0.03	1.35	3.3	0.5	0.8	28.5	<0.01	0.04	1.2
FGL006 11+00W		1.61	14.0	570	25.3	19.0	<0.001	0.02	1.38	5.6	0.8	1.1	31.7	<0.01	0.05	4.6
FGL006 11+25W		1.03	9.9	510	12.4	11.9	<0.001	0.02	0.73	3.6	0.5	0.6	26.1	<0.01	0.04	3.1
FGL006 11+50W		1.43	12.2	470	14.9	21.9	<0.001	<0.01	0.64	4.3	0.3	0.7	26.3	<0.01	0.05	4.3
FGL006 11+75W		1.43	11.5	440	41.8	15.5	<0.001	0.01	0.84	3.3	0.4	0.6	21.7	<0.01	0.04	3.6
FGL006 12+00W		1.08	10.2	410	23.3	18.9	<0.001	0.01	0.73	2.2	0.4	0.6	24.7	<0.01	0.03	1.4
FGL001 00+00 DUP																
FGL001 01+00W DUP																
FGL001 02+00W DUP																
FGL001 03+00W DUP																
FGL001 04+00W DUP																
FGL001 05+00W DUP																
FGL001 06+00W DUP																
FGL001 07+00W DUP																
FGL001 08+00W DUP																
FGL001 09+00W DUP																
FGL001 10+00W DUP																
FGL001 11+00W DUP																
FGL001 12+00W DUP																
FGL002 00+00 DUP																
FGL002 01+00W DUP																
FGL002 02+00W DUP																
FGL002 03+00W DUP																
FGL002 04+00W DUP																
FGL002 05+00W DUP																
FGL002 06+00W DUP																
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FGL002 09+00W DUP																
FGL002 10+00W DUP																
FGL002 11+00W DUP																
FGL002 12+00W DUP																
FGL003 00+00 DUP																
FGL003 01+00W DUP																
FGL003 02+00W DUP																
FGL003 03+00W DUP																
FGL003 04+00W DUP																

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

To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 7- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- Teloex

CERTIFICATE OF ANALYSIS WH13150634

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
FGL006 10+ 00W		0.077	0.29	0.91	49	0.20	3.82	77	<0.5
FGL006 10+ 25W		0.061	0.19	0.90	44	0.11	3.21	56	<0.5
FGL006 10+ 50W		0.048	0.19	0.96	38	0.14	3.52	61	<0.5
FGL006 10+ 75W		0.069	0.22	0.96	52	0.25	4.16	70	<0.5
FGL006 11+ 00W		0.079	0.28	2.24	57	0.32	7.59	74	0.8
FGL006 11+ 25W		0.068	0.18	1.44	45	0.20	5.26	52	0.7
FGL006 11+ 50W		0.103	0.21	0.86	58	0.24	4.60	72	1.0
FGL006 11+ 75W		0.093	0.17	0.90	54	0.27	4.62	94	0.5
FGL006 12+ 00W		0.082	0.17	0.82	54	0.34	3.62	70	<0.5
FGL001 00+ 00 DUP									
FGL001 01+ 00W DUP									
FGL001 02+ 00W DUP									
FGL001 03+ 00W DUP									
FGL001 04+ 00W DUP									
FGL001 05+ 00W DUP									
FGL001 06+ 00W DUP									
FGL001 07+ 00W DUP									
FGL001 08+ 00W DUP									
FGL001 09+ 00W DUP									
FGL001 10+ 00W DUP									
FGL001 11+ 00W DUP									
FGL001 12+ 00W DUP									
FGL002 00+ 00 DUP									
FGL002 01+ 00W DUP									
FGL002 02+ 00W DUP									
FGL002 03+ 00W DUP									
FGL002 04+ 00W DUP									
FGL002 05+ 00W DUP									
FGL002 06+ 00W DUP									
FGL002 07+ 00W DUP									
FGL002 08+ 00W DUP									
FGL002 09+ 00W DUP									
FGL002 10+ 00W DUP									
FGL002 11+ 00W DUP									
FGL002 12+ 00W DUP									
FGL003 00+ 00 DUP									
FGL003 01+ 00W DUP									
FGL003 02+ 00W DUP									
FGL003 03+ 00W DUP									
FGL003 04+ 00W DUP									

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

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

To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 7- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- Teloex

CERTIFICATE OF ANALYSIS WH13150634

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- TL44 Au ppm 0.001	ME- MS41 Ag ppm 0.01	ME- MS41 Al % 0.01	ME- MS41 As ppm 0.1	ME- MS41 Au ppm 0.2	ME- MS41 B ppm 10	ME- MS41 Ba ppm 10	ME- MS41 Be ppm 0.05	ME- MS41 Bi ppm 0.01	ME- MS41 Ca % 0.01	ME- MS41 Cd ppm 0.01	ME- MS41 Ce ppm 0.02	ME- MS41 Co ppm 0.1	ME- MS41 Cr ppm 1
FGL003 05+00W DUP		0.27														
FGL003 06+00W DUP		0.43														
FGL003 07+00W DUP		0.34														
FGL003 08+00W DUP		0.28														
FGL003 09+00W DUP		0.39														
FGL003 10+00W DUP		0.44														
FGL003 11+00W DUP		0.35														
FGL003 12+00W DUP		0.49														
FGL005 00+00 DUP		0.38														
FGL005 01+00W DUP		0.48														
FGL005 02+00W DUP		0.38														
FGL005 03+00W DUP		0.41														
FGL005 04+00W DUP		0.48														
FGL005 05+00W DUP		0.44														
FGL005 06+00W DUP		0.35														
FGL005 07+00W DUP		0.32														
FGL005 08+00W DUP		0.46														
FGL005 09+00W DUP		0.44														
FGL005 10+00W DUP		0.62														
FGL005 11+00W DUP		0.60														
FGL005 12+00W DUP		0.47														
FGL006 00+00 DUP		0.30														
FGL006 01+00W DUP		0.63														
FGL006 02+00W DUP		0.37														
FGL006 03+00W DUP		0.35														
FGL006 04+00W DUP		0.35														
FGL006 05+00W DUP		0.23														
FGL006 06+00W DUP		0.49														
FGL006 07+00W DUP		0.35														
FGL006 08+00W DUP		0.39														
FGL006 09+00W DUP		0.31														
FGL006 10+00W DUP		0.51														
FGL006 11+00W DUP		0.75														
FGL006 12+00W DUP		0.63														

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

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

To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 7- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- Teloex

CERTIFICATE OF ANALYSIS WH13150634

Sample Description	Method Analyte Units LOR	ME- MS41 Cs ppm 0.05	ME- MS41 Cu ppm 0.2	ME- MS41 Fe % 0.01	ME- MS41 Ga ppm 0.05	ME- MS41 Ge ppm 0.05	ME- MS41 Hf ppm 0.02	ME- MS41 Hg ppm 0.01	ME- MS41 In ppm 0.005	ME- MS41 K % 0.01	ME- MS41 La ppm 0.2	ME- MS41 Li ppm 0.1	ME- MS41 Mg % 0.01	ME- MS41 Mn ppm 5	ME- MS41 Mo ppm 0.05	ME- MS41 Na % 0.01
FGL003 05+ 00W DUP																
FGL003 06+ 00W DUP																
FGL003 07+ 00W DUP																
FGL003 08+ 00W DUP																
FGL003 09+ 00W DUP																
FGL003 10+ 00W DUP																
FGL003 11+ 00W DUP																
FGL003 12+ 00W DUP																
FGL005 00+ 00 DUP																
FGL005 01+ 00W DUP																
FGL005 02+ 00W DUP																
FGL005 03+ 00W DUP																
FGL005 04+ 00W DUP																
FGL005 05+ 00W DUP																
FGL005 06+ 00W DUP																
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FGL005 09+ 00W DUP																
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FGL005 11+ 00W DUP																
FGL005 12+ 00W DUP																
FGL006 00+ 00 DUP																
FGL006 01+ 00W DUP																
FGL006 02+ 00W DUP																
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FGL006 11+ 00W DUP																
FGL006 12+ 00W DUP																

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44 - 12TH AVENUE SOUTH
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CRANBROOK BC V1C 2R7

Finalized Date: 7- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- Teloex

CERTIFICATE OF ANALYSIS WH13150634

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
FGL003 05+ 00W DUP																
FGL003 06+ 00W DUP																
FGL003 07+ 00W DUP																
FGL003 08+ 00W DUP																
FGL003 09+ 00W DUP																
FGL003 10+ 00W DUP																
FGL003 11+ 00W DUP																
FGL003 12+ 00W DUP																
FGL005 00+ 00 DUP																
FGL005 01+ 00W DUP																
FGL005 02+ 00W DUP																
FGL005 03+ 00W DUP																
FGL005 04+ 00W DUP																
FGL005 05+ 00W DUP																
FGL005 06+ 00W DUP																
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FGL005 10+ 00W DUP																
FGL005 11+ 00W DUP																
FGL005 12+ 00W DUP																
FGL006 00+ 00 DUP																
FGL006 01+ 00W DUP																
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FGL006 11+ 00W DUP																
FGL006 12+ 00W DUP																

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44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 7- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- Teloex

CERTIFICATE OF ANALYSIS WH13150634

Sample Description	Method / Analyte / Units / LOR	ME- MS41 Ti % 0.005	ME- MS41 Tl ppm 0.02	ME- MS41 U ppm 0.05	ME- MS41 V ppm 1	ME- MS41 W ppm 0.05	ME- MS41 Y ppm 0.05	ME- MS41 Zn ppm 2	ME- MS41 Zr ppm 0.5
FGL003 05+ 00W DUP									
FGL003 06+ 00W DUP									
FGL003 07+ 00W DUP									
FGL003 08+ 00W DUP									
FGL003 09+ 00W DUP									
FGL003 10+ 00W DUP									
FGL003 11+ 00W DUP									
FGL003 12+ 00W DUP									
FGL005 00+ 00 DUP									
FGL005 01+ 00W DUP									
FGL005 02+ 00W DUP									
FGL005 03+ 00W DUP									
FGL005 04+ 00W DUP									
FGL005 05+ 00W DUP									
FGL005 06+ 00W DUP									
FGL005 07+ 00W DUP									
FGL005 08+ 00W DUP									
FGL005 09+ 00W DUP									
FGL005 10+ 00W DUP									
FGL005 11+ 00W DUP									
FGL005 12+ 00W DUP									
FGL006 00+ 00 DUP									
FGL006 01+ 00W DUP									
FGL006 02+ 00W DUP									
FGL006 03+ 00W DUP									
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FGL006 08+ 00W DUP									
FGL006 09+ 00W DUP									
FGL006 10+ 00W DUP									
FGL006 11+ 00W DUP									
FGL006 12+ 00W DUP									

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 7- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- Teloex

CERTIFICATE OF ANALYSIS WH13150634

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: Gold determinations by this method are semi- quantitative due to the small sample weight used (0.5g).
ME- MS41

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
LOG- 22 SCR- 41 WEI- 21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- TL44 ME- MS41

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

To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 19- SEP- 2013
Account: TELOEX

CERTIFICATE WH13156421

Project: ALSM- CW13- 042- RA- TELOEX

P.O. No.: FG13- 003

This report is for 211 Soil samples submitted to our lab in Whitehorse, YT, Canada on 29- AUG- 2013.

The following have access to data associated with this certificate:

JESSE CAMPBELL MIKE MCCUAIG	CHRIS GALLAGHER	GRAEME HOPKINS

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SCR- 41	Screen to - 180um and save both

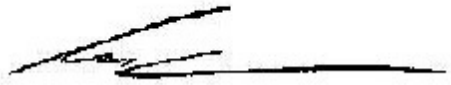
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- TL44	Trace Level Au - 50 g AR	ICP- MS
ME- MS41	51 anal. aqua regia ICPMS	

To: **TERRALOGIC EXPLORATION SERVICES INC.**
ATTN: MIKE MCCUAIG
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

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

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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

To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 19- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- RA- TELOEX

CERTIFICATE OF ANALYSIS WH13156421

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- TL44 Au ppm 0.001	ME- MS41 Ag ppm 0.01	ME- MS41 Al % 0.01	ME- MS41 As ppm 0.1	ME- MS41 Au ppm 0.2	ME- MS41 B ppm 10	ME- MS41 Ba ppm 10	ME- MS41 Be ppm 0.05	ME- MS41 Bi ppm 0.01	ME- MS41 Ca % 0.01	ME- MS41 Cd ppm 0.01	ME- MS41 Ce ppm 0.02	ME- MS41 Co ppm 0.1	ME- MS41 Cr ppm 1
FGL007 00+00		0.48	0.004	0.06	2.05	19.9	<0.2	<10	120	0.30	0.18	0.22	0.34	18.40	11.5	29
FGL007 00+25W		0.39	0.003	0.30	2.26	133.0	<0.2	<10	110	0.46	0.21	0.35	0.73	17.40	13.9	40
FGL007 00+50W		0.27	0.002	0.28	0.70	18.0	<0.2	<10	70	0.14	0.10	0.27	0.16	11.00	5.0	9
FGL007 00+75W		0.24	0.004	0.17	0.81	14.6	<0.2	<10	110	0.21	0.13	0.38	0.14	14.75	5.6	13
FGL007 01+00W		0.20	0.005	0.16	0.56	14.0	<0.2	<10	60	0.10	0.06	0.21	0.10	7.66	2.7	7
FGL007 01+25W		0.39	0.003	0.45	0.96	35.8	<0.2	<10	110	0.28	0.14	0.17	0.24	13.55	5.3	12
FGL007 01+50W		0.32	0.003	0.14	1.51	17.6	<0.2	<10	90	0.27	0.10	0.25	0.25	11.90	8.5	19
FGL007 01+75W		0.41	0.032	0.23	2.95	156.5	<0.2	<10	160	0.52	0.30	0.30	0.46	22.2	14.0	35
FGL007 02+00W		0.38	0.035	1.64	2.45	149.0	<0.2	<10	190	0.55	0.25	0.20	0.49	22.2	9.1	35
FGL007 02+25W		0.41	0.021	0.57	1.55	91.3	<0.2	<10	130	0.32	0.23	0.20	0.33	17.80	4.7	22
FGL007 02+50W		0.50	0.031	0.22	1.79	45.1	<0.2	<10	120	0.30	0.41	0.27	0.62	17.55	9.5	29
FGL007 02+75W		0.43	0.007	0.64	1.55	30.6	<0.2	<10	110	0.30	0.30	0.22	0.35	20.2	7.3	22
FGL007 03+00W		0.49	0.008	0.37	1.04	22.8	<0.2	<10	90	0.21	0.15	0.24	0.45	15.45	6.6	16
FGL007 03+25W		0.41	0.004	0.42	2.14	39.9	<0.2	<10	80	0.45	0.28	0.30	0.66	22.8	11.1	26
FGL007 03+50W		0.46	0.006	0.29	2.61	43.8	<0.2	<10	100	0.49	0.40	0.23	0.73	22.4	14.4	29
FGL007 03+75W		0.37	0.007	4.79	2.17	94.5	<0.2	<10	70	0.44	0.47	0.21	3.14	16.10	8.6	26
FGL007 04+00W		0.43	0.017	2.24	2.10	46.5	<0.2	<10	150	0.45	0.29	0.37	0.99	26.2	9.9	33
FGL007 04+25W		0.39	0.012	2.19	1.80	52.5	<0.2	<10	140	0.36	0.39	0.23	1.50	26.0	9.6	27
FGL007 04+50W		0.29	0.011	0.84	0.85	23.1	<0.2	<10	70	0.20	0.21	0.16	0.79	13.60	3.9	11
FGL007 04+75W		0.34	0.005	1.00	0.38	5.1	<0.2	<10	80	0.09	0.05	0.16	1.66	15.75	2.9	6
FGL007 05+00W		0.39	0.002	0.78	3.06	59.7	<0.2	<10	270	0.35	0.34	0.34	1.56	16.85	21.6	33
FGL007 05+25W		0.64	0.183	9.99	4.21	792	0.2	<10	380	0.66	1.05	0.33	15.45	29.2	24.2	107
FGL007 05+50W		0.31	0.005	0.48	2.79	57.9	<0.2	<10	160	0.52	0.39	0.26	3.19	27.0	19.1	53
FGL007 05+75W		0.41	0.006	3.09	2.09	164.5	<0.2	<10	120	0.40	0.47	0.23	1.92	14.90	9.1	32
FGL007 06+00W		0.33	0.004	0.94	1.52	74.1	<0.2	<10	120	0.29	0.47	0.15	1.19	15.45	6.9	27
FGL007 06+25W		0.40	0.029	2.92	2.04	208	<0.2	<10	210	0.47	0.91	0.35	5.11	27.2	12.6	42
FGL007 06+50W		0.42	0.052	2.06	2.02	319	<0.2	<10	290	0.58	3.85	0.65	5.34	29.2	15.1	64
FGL007 06+75W		0.38	0.011	0.76	1.40	57.9	<0.2	<10	200	0.30	0.75	0.56	0.55	18.35	10.6	27
FGL007 07+00W		0.43	0.027	0.90	1.58	117.5	<0.2	<10	130	0.28	0.81	0.25	0.90	16.45	11.6	33
FGL007 07+25W		0.33	0.011	3.67	0.96	113.5	<0.2	<10	140	0.27	0.33	0.20	1.27	13.55	7.9	14
FGL007 07+50W		0.52	0.020	1.45	2.63	96.7	<0.2	<10	300	0.58	4.47	0.51	0.86	29.3	15.4	27
FGL007 07+75W		0.54	0.007	0.63	0.80	34.3	<0.2	<10	90	0.16	0.44	0.15	0.33	7.80	4.3	9
FGL007 08+00W		0.32	0.034	2.61	2.60	252	<0.2	<10	310	1.00	2.12	0.37	2.75	32.5	18.4	32
FGL007 08+25W		0.36	0.015	1.25	1.05	96.9	<0.2	<10	210	0.27	1.69	0.21	0.64	14.15	5.1	16
FGL007 08+50W		0.37	0.013	2.10	1.21	156.0	<0.2	<10	190	0.30	13.20	0.22	0.67	17.85	5.6	19
FGL007 08+75W		0.23	0.041	1.96	1.09	99.9	<0.2	<10	380	0.41	1.63	0.45	1.21	20.7	3.8	18
FGL007 09+00W		0.37	0.083	6.36	1.81	376	<0.2	<10	450	0.60	2.97	0.43	0.73	29.3	6.2	21
FGL007 09+25W		0.37	0.021	1.21	1.65	33.5	<0.2	<10	240	0.32	1.35	0.33	0.41	25.9	3.4	22
FGL007 09+50W		0.37	0.022	1.21	1.30	26.4	<0.2	<10	180	0.29	1.10	0.23	0.34	24.1	3.7	21
FGL007 09+75W		0.31	0.015	0.94	0.94	13.6	<0.2	<10	140	0.22	1.05	0.21	0.37	16.65	2.9	16

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

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 19- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- RA- TELOEX

CERTIFICATE OF ANALYSIS WH13156421

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
FGL007 00+00		2.74	11.7	2.73	5.98	0.05	0.03	0.01	0.027	0.10	9.9	17.6	1.14	395	0.46	0.01
FGL007 00+25W		12.90	13.2	3.86	6.61	<0.05	0.03	0.01	0.295	0.11	8.9	17.3	0.72	325	0.87	0.01
FGL007 00+50W		1.28	11.9	1.15	2.43	<0.05	<0.02	0.02	0.008	0.05	4.9	4.2	0.18	289	0.35	0.03
FGL007 00+75W		1.12	18.5	1.32	2.57	<0.05	0.02	0.02	0.011	0.04	8.3	5.8	0.28	231	0.24	0.03
FGL007 01+00W		1.17	6.4	0.88	1.92	<0.05	<0.02	0.02	0.007	0.04	3.7	2.1	0.11	149	0.25	0.04
FGL007 01+25W		1.65	13.8	1.37	3.32	<0.05	<0.02	0.02	0.015	0.05	7.6	5.6	0.18	404	0.52	0.02
FGL007 01+50W		3.01	14.8	2.23	4.79	<0.05	<0.02	0.02	0.022	0.16	6.0	13.9	0.76	278	0.40	0.02
FGL007 01+75W		6.32	18.4	3.73	7.88	<0.05	0.03	0.01	0.040	0.14	10.2	20.9	1.08	353	0.94	0.01
FGL007 02+00W		2.82	26.6	3.00	6.11	<0.05	0.04	0.04	0.038	0.09	11.4	15.5	0.56	242	0.91	0.02
FGL007 02+25W		1.88	13.8	1.96	5.05	<0.05	<0.02	0.03	0.022	0.07	9.4	10.2	0.34	163	0.67	0.02
FGL007 02+50W		2.28	14.9	2.94	7.22	<0.05	0.02	0.01	0.026	0.11	8.6	16.1	0.66	384	1.27	0.01
FGL007 02+75W		2.14	17.6	2.20	5.00	<0.05	0.02	0.03	0.019	0.08	9.9	11.0	0.51	224	0.70	0.02
FGL007 03+00W		2.03	12.9	1.69	3.83	0.05	<0.02	0.02	0.011	0.13	7.7	9.4	0.45	241	0.50	0.02
FGL007 03+25W		5.10	18.5	2.97	7.23	<0.05	0.02	0.03	0.029	0.17	7.8	18.4	0.86	296	1.69	0.01
FGL007 03+50W		9.31	22.8	3.53	8.49	0.05	0.04	0.01	0.043	0.27	8.8	24.7	1.15	414	0.90	0.02
FGL007 03+75W		2.95	15.6	2.85	6.48	<0.05	0.02	0.08	0.210	0.08	7.5	14.2	0.54	246	1.26	0.01
FGL007 04+00W		3.47	28.3	2.85	6.06	0.06	0.03	0.03	0.033	0.18	12.4	16.1	0.76	421	0.78	0.02
FGL007 04+25W		3.61	26.6	3.13	8.73	0.06	0.02	0.02	0.031	0.18	13.0	13.8	0.59	499	1.28	0.01
FGL007 04+50W		1.17	16.3	1.41	3.59	<0.05	<0.02	0.02	0.014	0.07	6.9	5.8	0.18	173	0.47	0.03
FGL007 04+75W		0.68	15.7	1.07	2.02	<0.05	<0.02	0.05	0.006	0.03	8.0	0.8	0.05	107	0.17	0.02
FGL007 05+00W		10.90	24.6	5.00	10.95	0.09	0.02	0.01	0.048	0.70	7.7	23.3	1.68	1060	1.02	0.02
FGL007 05+25W		19.10	64.6	7.11	12.10	0.14	0.03	0.04	0.072	1.04	16.0	28.5	2.39	1460	0.97	0.01
FGL007 05+50W		4.59	35.1	3.84	10.80	0.05	0.03	0.03	0.032	0.14	9.4	24.5	1.22	949	0.99	0.01
FGL007 05+75W		4.26	21.2	3.11	7.10	<0.05	0.02	0.02	0.043	0.20	7.4	15.1	0.76	367	0.81	0.01
FGL007 06+00W		1.78	14.5	2.20	5.04	<0.05	<0.02	0.02	0.020	0.08	7.4	11.3	0.42	236	0.95	0.01
FGL007 06+25W		6.22	62.4	3.34	6.39	0.05	0.02	0.04	0.084	0.19	14.3	14.1	0.62	1180	1.18	0.01
FGL007 06+50W		15.45	77.7	4.40	6.66	0.09	0.04	0.04	0.107	0.44	14.5	12.4	1.27	889	1.25	0.02
FGL007 06+75W		3.74	34.1	2.30	4.72	<0.05	0.03	0.03	0.035	0.08	8.8	10.3	0.61	653	1.24	0.02
FGL007 07+00W		4.33	29.3	2.58	6.43	<0.05	0.02	0.02	0.037	0.12	7.9	12.5	0.60	550	1.34	0.01
FGL007 07+25W		2.50	41.8	1.82	4.59	<0.05	<0.02	0.03	0.035	0.08	6.0	4.0	0.18	359	0.68	0.02
FGL007 07+50W		11.10	45.3	3.50	7.80	0.07	0.04	0.03	0.034	0.34	14.1	18.3	1.02	745	1.17	0.03
FGL007 07+75W		2.09	12.5	1.27	3.02	<0.05	<0.02	0.02	0.013	0.07	3.6	4.2	0.17	175	0.44	0.03
FGL007 08+00W		6.66	83.4	3.66	7.74	0.06	<0.02	0.06	0.041	0.18	17.2	12.9	0.53	988	1.83	0.02
FGL007 08+25W		2.50	27.5	1.55	3.62	<0.05	<0.02	0.03	0.020	0.10	7.1	6.7	0.30	287	0.70	0.03
FGL007 08+50W		3.18	22.3	1.97	4.60	<0.05	<0.02	0.02	0.033	0.10	8.8	8.4	0.35	250	1.04	0.03
FGL007 08+75W		2.95	40.7	1.43	3.33	<0.05	<0.02	0.08	0.020	0.07	11.6	4.9	0.26	305	0.77	0.03
FGL007 09+00W		3.32	48.8	2.01	4.69	0.05	<0.02	0.11	0.035	0.10	15.1	7.1	0.28	331	0.76	0.03
FGL007 09+25W		5.39	24.3	1.76	5.32	<0.05	<0.02	0.10	0.026	0.09	14.4	7.6	0.36	151	0.56	0.02
FGL007 09+50W		4.27	18.3	1.91	5.08	0.05	<0.02	0.08	0.023	0.09	13.0	6.5	0.33	189	0.85	0.01
FGL007 09+75W		3.02	18.9	1.50	3.63	<0.05	<0.02	0.07	0.016	0.07	8.6	4.2	0.22	87	0.60	0.02

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

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 19- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- RA- TELOEX

CERTIFICATE OF ANALYSIS WH13156421

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
FGL007 00+00		1.19	18.8	490	11.6	16.2	<0.001	0.01	0.91	5.7	<0.2	0.5	15.2	<0.01	0.02	4.8
FGL007 00+25W		0.86	19.3	260	66.6	17.0	<0.001	0.01	10.95	5.8	0.3	0.7	23.1	<0.01	0.01	5.3
FGL007 00+50W		0.39	5.2	420	6.4	8.3	<0.001	0.02	1.82	1.2	0.2	0.2	16.7	<0.01	0.01	0.5
FGL007 00+75W		0.49	8.0	540	9.9	4.8	<0.001	0.03	0.98	2.0	<0.2	0.2	21.1	<0.01	0.04	1.2
FGL007 01+00W		0.25	3.6	400	3.5	3.7	<0.001	0.02	0.87	1.1	<0.2	<0.2	14.4	<0.01	0.01	0.4
FGL007 01+25W		0.48	6.5	290	10.0	7.4	<0.001	0.01	1.11	1.4	0.2	0.3	17.2	<0.01	0.02	0.5
FGL007 01+50W		0.94	11.3	480	6.0	14.9	<0.001	0.02	1.29	2.6	0.2	0.3	17.8	<0.01	0.02	1.1
FGL007 01+75W		1.02	19.7	250	51.1	20.9	<0.001	0.01	6.68	5.8	<0.2	0.7	29.0	<0.01	0.03	6.4
FGL007 02+00W		1.46	19.4	240	28.0	13.6	<0.001	0.02	6.31	4.1	0.2	0.6	23.1	<0.01	0.03	5.1
FGL007 02+25W		1.08	10.3	330	17.6	12.3	<0.001	0.01	2.62	2.5	0.2	0.5	18.6	<0.01	0.02	2.3
FGL007 02+50W		1.64	18.0	400	30.9	19.4	<0.001	0.01	1.59	3.5	0.2	0.6	27.5	<0.01	0.04	1.9
FGL007 02+75W		1.04	13.7	380	25.4	11.5	<0.001	0.01	1.71	3.2	0.5	0.4	20.2	<0.01	0.02	1.8
FGL007 03+00W		0.63	9.8	490	20.7	13.8	<0.001	0.02	1.40	1.8	0.5	0.2	18.3	<0.01	0.02	0.5
FGL007 03+25W		1.47	14.9	480	43.8	22.4	<0.001	0.03	3.87	3.8	0.3	0.6	22.1	<0.01	0.04	2.4
FGL007 03+50W		1.19	18.6	380	67.6	35.2	<0.001	0.01	5.29	5.2	0.5	0.6	22.2	<0.01	0.07	5.3
FGL007 03+75W		1.71	16.0	370	259	20.6	<0.001	0.04	5.22	2.9	0.5	0.7	18.5	<0.01	0.03	2.2
FGL007 04+00W		1.70	22.3	700	400	24.8	<0.001	0.02	2.75	4.8	0.6	0.9	25.6	<0.01	0.04	4.5
FGL007 04+25W		2.42	15.4	560	150.0	34.5	<0.001	0.02	3.64	4.0	0.5	1.4	20.0	<0.01	0.06	2.8
FGL007 04+50W		0.58	6.4	390	49.4	7.9	<0.001	0.01	2.53	1.2	0.3	0.4	15.8	<0.01	0.03	0.3
FGL007 04+75W		0.08	4.3	450	9.5	3.3	<0.001	0.04	1.43	0.3	0.3	<0.2	21.3	<0.01	0.01	<0.2
FGL007 05+00W		1.91	14.2	760	157.0	72.3	<0.001	0.03	2.46	9.4	0.6	0.8	27.3	<0.01	0.05	1.5
FGL007 05+25W		0.45	51.1	500	728	87.7	<0.001	0.03	19.45	20.9	0.9	0.9	36.7	<0.01	0.05	3.1
FGL007 05+50W		2.58	22.3	320	46.1	32.5	<0.001	0.02	1.76	5.6	0.4	0.9	27.3	<0.01	0.06	2.5
FGL007 05+75W		1.47	18.6	210	213	40.9	<0.001	0.04	3.09	5.1	0.3	0.9	27.1	<0.01	0.10	1.6
FGL007 06+00W		1.40	16.3	230	26.7	13.3	<0.001	0.02	1.30	2.6	0.2	0.5	18.7	<0.01	0.05	1.3
FGL007 06+25W		1.09	20.9	530	273	30.2	<0.001	0.04	5.38	6.4	0.6	1.6	36.4	<0.01	0.05	2.4
FGL007 06+50W		0.83	33.8	1240	228	58.5	<0.001	0.04	18.70	11.5	1.0	1.0	41.3	<0.01	0.11	2.6
FGL007 06+75W		0.82	14.3	840	53.3	12.7	<0.001	0.03	2.10	4.3	0.5	0.5	40.8	<0.01	0.04	1.1
FGL007 07+00W		1.25	17.3	330	84.9	32.1	<0.001	0.02	3.01	3.9	0.4	0.6	24.8	<0.01	0.05	1.3
FGL007 07+25W		0.52	8.3	560	147.0	15.8	<0.001	0.03	5.05	1.8	0.4	0.7	25.4	<0.01	0.03	0.3
FGL007 07+50W		1.53	18.0	860	43.4	56.6	<0.001	0.03	6.26	6.2	0.6	0.9	47.1	<0.01	0.12	3.6
FGL007 07+75W		0.43	5.5	300	11.9	11.9	<0.001	0.02	1.86	1.5	0.3	0.2	16.9	<0.01	0.02	0.3
FGL007 08+00W		0.85	21.1	670	60.3	33.5	<0.001	0.04	7.53	4.6	0.9	0.8	41.0	<0.01	0.12	0.7
FGL007 08+25W		0.61	9.0	380	14.9	16.9	<0.001	0.03	5.81	1.9	0.2	0.5	20.2	<0.01	0.05	0.4
FGL007 08+50W		1.14	10.9	240	35.3	21.8	<0.001	0.04	9.48	2.6	0.3	0.7	24.0	<0.01	0.07	1.9
FGL007 08+75W		0.59	13.3	570	18.3	11.3	<0.001	0.07	4.39	2.2	0.9	0.4	43.2	<0.01	0.07	0.5
FGL007 09+00W		0.75	16.4	930	43.8	16.6	<0.001	0.08	6.26	3.0	1.0	0.8	44.4	<0.01	0.09	0.4
FGL007 09+25W		0.93	11.5	640	18.9	19.5	<0.001	0.06	2.06	2.8	0.7	0.7	33.2	<0.01	0.06	0.8
FGL007 09+50W		0.92	10.8	640	24.5	17.9	<0.001	0.05	2.11	2.5	0.9	0.6	26.2	<0.01	0.10	0.9
FGL007 09+75W		0.55	8.4	640	18.0	11.0	<0.001	0.05	1.20	1.5	0.7	0.4	24.0	<0.01	0.06	0.2

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

ALS Canada Ltd.
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 19- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- RA- TELOEX

CERTIFICATE OF ANALYSIS WH13156421

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
FGL007 00+00		0.091	0.12	0.55	64	0.17	3.67	87	0.9
FGL007 00+25W		0.062	0.23	0.82	87	0.51	2.72	244	1.2
FGL007 00+50W		0.042	0.07	0.35	32	0.09	1.91	26	<0.5
FGL007 00+75W		0.042	0.06	0.96	33	0.14	4.62	32	<0.5
FGL007 01+00W		0.034	0.04	0.30	26	0.05	2.19	25	<0.5
FGL007 01+25W		0.040	0.08	0.38	37	0.11	3.24	41	<0.5
FGL007 01+50W		0.090	0.14	0.37	54	0.16	2.69	44	<0.5
FGL007 01+75W		0.097	0.31	0.61	85	0.22	3.26	114	1.4
FGL007 02+00W		0.090	0.17	0.64	69	0.20	4.00	97	1.8
FGL007 02+25W		0.070	0.16	0.43	51	0.15	2.73	53	<0.5
FGL007 02+50W		0.114	0.17	0.39	76	0.71	3.01	98	0.8
FGL007 02+75W		0.083	0.17	0.47	53	0.14	5.39	84	0.5
FGL007 03+00W		0.074	0.11	0.43	42	0.08	3.46	64	<0.5
FGL007 03+25W		0.102	0.17	0.65	73	0.21	3.04	99	0.5
FGL007 03+50W		0.120	0.33	0.71	81	0.19	3.52	151	1.5
FGL007 03+75W		0.075	0.24	0.47	63	0.25	2.46	623	0.9
FGL007 04+00W		0.114	0.26	0.67	62	0.18	5.96	220	1.1
FGL007 04+25W		0.131	0.25	0.51	77	0.20	5.11	269	0.8
FGL007 04+50W		0.051	0.08	0.31	37	0.14	2.78	84	<0.5
FGL007 04+75W		0.035	0.03	0.23	36	<0.05	2.89	43	<0.5
FGL007 05+00W		0.252	0.63	0.40	134	0.33	5.16	909	0.8
FGL007 05+25W		0.174	0.96	1.33	160	0.24	14.30	3420	0.9
FGL007 05+50W		0.157	0.42	0.46	92	0.25	4.17	648	1.4
FGL007 05+75W		0.112	0.49	0.37	83	0.23	3.05	585	0.9
FGL007 06+00W		0.075	0.16	0.33	54	0.21	2.42	114	0.5
FGL007 06+25W		0.066	0.33	1.25	69	0.27	7.70	638	0.6
FGL007 06+50W		0.125	1.10	1.28	100	0.26	12.00	791	1.5
FGL007 06+75W		0.073	0.26	0.65	57	0.17	4.55	117	0.7
FGL007 07+00W		0.099	0.32	0.39	68	0.71	3.47	292	0.6
FGL007 07+25W		0.065	0.18	0.56	51	0.13	3.03	89	<0.5
FGL007 07+50W		0.163	0.85	0.98	88	0.75	7.05	125	1.1
FGL007 07+75W		0.050	0.18	0.28	36	0.11	2.54	53	<0.5
FGL007 08+00W		0.075	0.46	1.95	86	0.26	11.85	217	<0.5
FGL007 08+25W		0.058	0.20	0.63	37	0.14	3.53	81	<0.5
FGL007 08+50W		0.070	0.25	0.69	46	0.20	3.33	85	0.5
FGL007 08+75W		0.041	0.21	1.76	32	0.15	10.65	91	<0.5
FGL007 09+00W		0.038	0.25	2.21	33	0.12	12.20	81	<0.5
FGL007 09+25W		0.044	0.33	1.40	33	0.22	6.21	66	<0.5
FGL007 09+50W		0.054	0.29	1.51	39	0.31	5.56	59	<0.5
FGL007 09+75W		0.046	0.21	1.31	32	0.12	4.35	42	<0.5

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

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 19- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- RA- TELOEX

CERTIFICATE OF ANALYSIS WH13156421

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- TL44 Au ppm 0.001	ME- MS41 Ag ppm 0.01	ME- MS41 Al % 0.01	ME- MS41 As ppm 0.1	ME- MS41 Au ppm 0.2	ME- MS41 B ppm 10	ME- MS41 Ba ppm 10	ME- MS41 Be ppm 0.05	ME- MS41 Bi ppm 0.01	ME- MS41 Ca % 0.01	ME- MS41 Cd ppm 0.01	ME- MS41 Ce ppm 0.02	ME- MS41 Co ppm 0.1	ME- MS41 Cr ppm 1
FGL007 10+00W		0.38	0.009	0.90	1.21	19.1	<0.2	<10	120	0.29	1.31	0.17	0.24	16.00	10.4	18
FGL007 10+25W		0.26	0.017	2.28	1.09	18.6	<0.2	<10	130	0.28	0.86	0.21	0.34	14.75	4.2	16
FGL007 10+50W		0.33	0.015	2.12	1.41	21.3	<0.2	<10	220	0.49	1.01	0.25	0.31	26.6	4.9	20
FGL007 10+75W		0.57	0.008	0.79	1.81	13.6	<0.2	<10	260	0.41	0.91	0.34	0.31	24.5	9.9	25
FGL007 11+00W		0.32	0.002	0.30	0.69	2.8	<0.2	<10	120	0.19	0.28	0.23	0.13	11.30	3.3	7
FGL007 11+25W		0.30	0.004	0.81	1.30	4.8	<0.2	<10	290	0.57	0.58	0.62	0.83	29.2	4.7	13
FGL007 11+50W		0.38	0.001	0.30	1.48	8.2	<0.2	<10	210	0.36	0.62	0.20	0.69	25.4	10.8	21
FGL007 11+75W		0.36	0.001	0.24	0.99	9.7	<0.2	<10	100	0.25	0.20	0.13	1.12	12.30	6.0	13
FGL007 12+00W		0.44	0.001	0.20	1.12	7.6	<0.2	<10	100	0.27	0.62	0.16	0.29	10.95	5.2	19
FGL007 12+25W		0.53	0.002	0.19	1.37	9.8	<0.2	<10	220	0.35	0.50	0.30	0.34	17.05	10.0	22
FGL007 12+50W		0.25	0.001	0.16	1.34	5.8	<0.2	<10	150	0.38	0.61	0.22	0.28	17.70	8.0	17
FGL007 12+75W		0.38	0.001	0.56	1.44	11.0	<0.2	<10	180	0.33	0.49	0.24	0.20	18.85	7.5	19
FGL007 13+00W		0.41	0.005	0.38	1.06	7.9	<0.2	<10	150	0.32	0.44	0.26	0.13	17.95	5.4	16
FGL007 13+25W		0.33	0.001	0.15	2.26	16.3	<0.2	<10	290	0.35	1.08	0.40	0.10	15.65	12.3	17
FGL007 13+50W		0.36	0.001	0.07	1.50	9.5	<0.2	<10	180	0.32	0.60	0.29	0.19	18.00	9.5	17
FGL007 13+75W		0.39	0.089	0.17	2.48	12.7	<0.2	<10	260	0.47	0.65	0.52	0.34	23.6	15.4	27
FGL007 14+00W		0.35	0.002	0.09	1.38	10.7	<0.2	<10	160	0.32	0.51	0.25	0.17	18.05	7.4	23
FGL007 14+25W		0.39	0.001	0.11	1.45	10.6	<0.2	<10	140	0.32	0.37	0.25	0.15	15.85	7.3	23
FGL007 14+50W		0.46	0.001	0.32	2.55	12.4	<0.2	<10	240	0.44	3.45	0.37	0.55	18.05	14.1	24
FGL007 14+75W		0.45	0.001	0.23	2.16	13.8	<0.2	<10	240	0.43	0.98	0.29	0.53	19.05	11.6	26
FGL007 15+00W		0.44	0.002	0.23	1.52	15.3	<0.2	<10	210	0.29	0.58	0.31	1.60	13.95	9.5	18
FGL007 00+25E		0.44	0.011	0.16	1.89	20.6	<0.2	<10	140	0.42	0.20	0.28	0.19	23.7	12.6	28
FGL007 00+50E		0.43	0.003	0.16	1.66	20.2	<0.2	<10	110	0.26	0.21	0.27	0.16	19.25	12.1	25
FGL007 00+75E		0.43	0.006	0.25	2.16	25.6	<0.2	<10	170	0.43	0.26	0.40	0.11	38.1	15.8	33
FGL007 01+00E		0.47	0.002	0.17	1.27	16.6	<0.2	<10	120	0.20	0.23	0.26	0.17	15.40	9.7	19
FGL007 01+25E		0.77	0.006	0.18	2.10	33.4	<0.2	<10	110	0.47	0.28	0.28	0.14	20.2	11.8	26
FGL007 01+50E		0.55	0.003	0.27	0.93	10.5	<0.2	<10	100	0.20	0.11	0.21	0.05	12.00	4.4	10
FGL007 01+75E		0.53	0.005	0.12	1.01	19.6	<0.2	<10	100	0.25	0.15	0.24	0.10	14.35	5.7	13
FGL007 02+00E		0.47	0.005	0.10	1.37	40.7	<0.2	<10	100	0.29	0.20	0.25	0.13	17.55	9.2	17
FGL007 02+25E		0.77	0.014	0.13	1.81	77.0	<0.2	<10	150	0.40	0.27	0.41	0.18	24.1	11.2	23
FGL007 02+50E		0.65	0.015	0.60	1.65	35.8	<0.2	<10	210	0.48	0.25	0.52	0.17	51.4	10.2	19
FGL007 02+75E		0.41	0.009	1.44	1.29	35.3	<0.2	<10	170	0.29	1.22	0.42	0.43	27.8	7.8	13
FGL007 03+00E		0.48	0.009	0.52	1.58	31.4	<0.2	<10	130	0.31	0.43	0.34	0.15	21.1	8.0	17
FGL008 00+00		0.32	0.008	2.25	1.22	36.6	<0.2	<10	120	0.36	0.22	0.24	0.54	24.3	9.3	18
FGL008 00+25W		0.26	0.004	0.48	1.09	26.0	<0.2	<10	80	0.19	0.28	0.14	0.35	13.35	7.1	14
FGL008 00+50W		0.41	0.003	0.12	1.72	34.2	<0.2	<10	100	0.27	0.36	0.22	0.15	17.10	9.4	25
FGL008 00+75W		0.32	0.001	0.13	0.89	16.4	<0.2	<10	60	0.15	0.19	0.13	0.11	8.98	7.5	12
FGL008 01+00W		0.28	0.003	0.22	1.35	26.6	<0.2	<10	120	0.27	0.31	0.27	0.16	15.90	9.2	19
FGL008 01+25W		0.31	0.003	0.17	1.08	22.4	<0.2	<10	110	0.21	0.28	0.18	0.13	12.75	5.1	14
FGL008 01+50W		0.26	0.003	0.37	1.01	37.3	<0.2	<10	80	0.19	0.26	0.15	0.27	10.65	3.9	15

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44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 19- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- RA- TELOEX

CERTIFICATE OF ANALYSIS WH13156421

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
FGL007 10+00W		3.86	20.1	2.12	4.83	<0.05	<0.02	0.05	0.021	0.11	8.2	6.9	0.30	701	1.30	0.02
FGL007 10+25W		4.52	20.0	1.52	3.58	<0.05	<0.02	0.09	0.041	0.08	7.8	5.2	0.23	197	1.08	0.02
FGL007 10+50W		5.50	27.6	1.92	4.52	<0.05	<0.02	0.08	0.035	0.08	14.1	7.0	0.35	155	0.72	0.02
FGL007 10+75W		4.62	23.5	2.55	6.02	<0.05	<0.02	0.04	0.033	0.13	13.1	11.0	0.57	627	1.30	0.02
FGL007 11+00W		1.50	10.5	0.93	2.34	<0.05	<0.02	0.03	0.014	0.05	5.9	2.1	0.08	266	0.50	0.03
FGL007 11+25W		3.11	34.3	1.49	3.47	0.05	0.02	0.04	0.025	0.09	18.3	5.2	0.21	512	0.64	0.03
FGL007 11+50W		2.45	40.7	2.49	8.27	<0.05	0.02	0.01	0.022	0.11	11.6	7.8	0.40	1080	0.97	0.01
FGL007 11+75W		0.92	12.0	1.57	4.19	<0.05	0.02	0.01	0.021	0.06	6.3	6.6	0.20	640	0.64	0.02
FGL007 12+00W		0.67	12.3	1.65	3.34	<0.05	<0.02	0.01	0.023	0.07	5.6	7.7	0.31	161	0.59	0.03
FGL007 12+25W		1.21	19.9	2.20	4.98	<0.05	0.04	0.01	0.032	0.12	8.6	10.8	0.47	379	0.78	0.01
FGL007 12+50W		1.12	12.0	1.96	4.58	<0.05	0.02	0.01	0.022	0.11	8.1	8.5	0.34	396	0.72	0.02
FGL007 12+75W		1.48	15.8	2.15	4.92	<0.05	0.04	0.01	0.027	0.14	9.8	10.5	0.46	396	0.67	0.01
FGL007 13+00W		1.36	16.6	1.66	3.69	0.06	0.04	0.01	0.022	0.14	15.7	7.9	0.39	190	0.42	0.02
FGL007 13+25W		4.21	26.1	2.94	7.39	0.06	0.04	0.01	0.031	0.32	7.8	12.8	0.86	341	0.49	0.03
FGL007 13+50W		2.18	18.9	2.52	5.37	0.05	0.04	<0.01	0.029	0.25	8.8	10.0	0.62	339	0.48	0.03
FGL007 13+75W		2.34	20.4	3.76	8.87	0.07	0.08	0.02	0.045	0.41	10.6	16.7	1.05	409	0.69	0.03
FGL007 14+00W		1.29	13.8	2.33	4.71	<0.05	0.05	0.01	0.024	0.19	8.8	10.4	0.53	238	0.61	0.01
FGL007 14+25W		1.19	14.8	2.25	4.74	<0.05	0.08	<0.01	0.024	0.15	7.6	10.6	0.50	190	0.54	0.01
FGL007 14+50W		2.26	12.6	3.68	8.49	<0.05	0.09	0.01	0.045	0.15	7.6	15.6	0.96	418	0.56	0.02
FGL007 14+75W		1.49	13.9	2.96	6.97	<0.05	0.08	0.01	0.030	0.16	9.3	13.7	0.67	303	0.66	0.03
FGL007 15+00W		1.24	19.1	2.38	5.27	<0.05	0.06	0.01	0.034	0.12	6.7	9.2	0.52	413	0.54	0.03
FGL007 00+25E		2.90	19.3	2.94	6.57	0.06	0.02	0.01	0.034	0.10	14.3	17.4	1.00	589	0.53	0.01
FGL007 00+50E		2.57	13.1	2.65	6.44	0.07	0.02	0.01	0.023	0.10	11.2	15.5	0.96	485	0.54	0.01
FGL007 00+75E		4.10	25.0	3.28	7.74	0.09	0.03	0.04	0.038	0.12	25.8	21.1	1.27	528	0.61	0.01
FGL007 01+00E		3.52	15.1	2.16	5.87	<0.05	<0.02	<0.01	0.016	0.10	8.8	9.9	0.65	495	0.68	0.02
FGL007 01+25E		7.25	19.2	3.04	7.00	<0.05	0.05	0.01	0.030	0.11	11.1	18.4	0.79	324	0.74	0.01
FGL007 01+50E		3.83	11.7	1.44	3.52	<0.05	<0.02	0.01	0.014	0.06	8.6	5.1	0.20	213	0.33	0.04
FGL007 01+75E		4.86	10.3	1.83	3.73	<0.05	<0.02	0.01	0.019	0.07	8.3	7.3	0.33	275	0.40	0.02
FGL007 02+00E		6.44	10.5	2.27	5.31	<0.05	<0.02	<0.01	0.024	0.09	9.9	10.1	0.50	432	0.52	0.02
FGL007 02+25E		8.67	12.7	3.03	6.47	0.05	<0.02	0.01	0.039	0.12	12.5	13.7	0.77	469	0.54	0.01
FGL007 02+50E		5.44	31.5	2.25	5.37	0.08	0.02	0.04	0.028	0.08	33.0	11.4	0.58	514	0.42	0.02
FGL007 02+75E		5.75	59.9	1.74	4.55	0.05	<0.02	0.03	0.033	0.08	16.2	8.0	0.42	916	0.58	0.02
FGL007 03+00E		6.57	25.4	2.38	5.79	0.05	<0.02	0.02	0.027	0.11	12.3	11.0	0.54	255	0.59	0.02
FGL008 00+00		2.66	26.4	1.79	4.24	<0.05	<0.02	0.02	0.021	0.07	13.6	9.3	0.37	520	0.53	0.02
FGL008 00+25W		1.70	11.9	1.86	4.32	<0.05	<0.02	0.01	0.037	0.06	6.8	7.6	0.32	341	0.55	0.01
FGL008 00+50W		3.24	14.5	2.62	6.16	<0.05	<0.02	<0.01	0.021	0.09	8.8	14.0	0.65	276	0.65	0.01
FGL008 00+75W		1.62	7.4	1.62	4.14	<0.05	<0.02	<0.01	0.011	0.05	4.0	6.2	0.31	343	0.46	0.02
FGL008 01+00W		1.56	18.4	2.05	4.55	<0.05	<0.02	0.01	0.021	0.07	8.7	9.4	0.38	431	0.57	0.02
FGL008 01+25W		1.53	16.5	1.41	3.97	<0.05	<0.02	<0.01	0.015	0.06	6.5	7.2	0.28	181	0.43	0.02
FGL008 01+50W		1.28	11.3	1.54	4.74	<0.05	<0.02	0.01	0.014	0.06	5.5	5.4	0.26	116	0.59	0.03

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

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 19- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- RA- TELOEX

CERTIFICATE OF ANALYSIS WH13156421

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
FGL007 10+00W		0.66	10.3	550	41.3	18.8	<0.001	0.04	2.66	1.8	0.3	0.7	20.6	<0.01	0.07	0.7
FGL007 10+25W		0.48	9.2	620	52.8	13.3	<0.001	0.05	2.45	1.6	0.4	0.6	23.7	<0.01	0.04	0.3
FGL007 10+50W		0.79	12.4	690	29.6	17.6	<0.001	0.05	1.79	3.1	0.9	0.6	26.0	<0.01	0.08	0.8
FGL007 10+75W		1.22	13.5	610	22.5	22.4	<0.001	0.04	1.25	4.1	0.6	0.7	30.7	<0.01	0.07	1.6
FGL007 11+00W		0.37	4.2	510	3.9	6.5	<0.001	0.04	0.30	1.2	0.4	0.2	21.7	<0.01	0.02	0.5
FGL007 11+25W		0.55	9.4	710	13.1	13.5	<0.001	0.06	0.60	2.2	0.7	0.3	45.4	<0.01	0.05	0.9
FGL007 11+50W		1.47	9.7	710	12.9	23.4	<0.001	0.01	0.58	3.4	0.3	1.0	19.7	<0.01	0.04	1.0
FGL007 11+75W		1.13	7.1	250	25.8	11.0	<0.001	<0.01	0.41	1.7	<0.2	0.3	14.2	<0.01	0.01	1.7
FGL007 12+00W		1.10	11.9	170	7.4	9.2	<0.001	0.01	0.40	2.0	<0.2	0.3	16.8	<0.01	0.03	1.6
FGL007 12+25W		1.28	13.9	280	15.7	15.7	<0.001	<0.01	0.68	3.2	<0.2	0.5	26.6	<0.01	0.03	3.1
FGL007 12+50W		1.25	11.4	230	16.6	18.3	<0.001	0.01	0.46	2.3	<0.2	0.4	23.0	<0.01	0.02	2.1
FGL007 12+75W		1.33	13.6	240	11.3	19.5	<0.001	<0.01	0.51	3.0	<0.2	0.4	24.7	<0.01	0.02	2.9
FGL007 13+00W		1.07	11.5	340	9.4	13.1	<0.001	<0.01	0.47	3.4	0.2	0.3	22.4	<0.01	0.03	3.1
FGL007 13+25W		1.07	13.4	610	13.5	34.1	<0.001	<0.01	1.07	4.9	<0.2	0.5	33.7	<0.01	0.02	3.1
FGL007 13+50W		1.22	10.9	250	13.5	22.7	<0.001	<0.01	1.04	3.6	<0.2	0.4	30.2	<0.01	0.04	3.8
FGL007 13+75W		1.52	16.6	440	31.4	38.7	0.001	0.01	1.11	4.0	0.2	0.6	40.4	<0.01	0.04	5.5
FGL007 14+00W		1.39	14.3	160	12.6	17.9	<0.001	0.01	0.66	3.4	<0.2	0.5	23.4	<0.01	0.03	3.3
FGL007 14+25W		1.35	14.6	140	13.3	19.0	<0.001	0.01	0.59	3.4	<0.2	0.5	24.4	<0.01	0.02	3.2
FGL007 14+50W		1.05	14.0	520	100.5	20.8	<0.001	0.01	1.01	4.5	<0.2	0.7	37.3	<0.01	0.03	5.5
FGL007 14+75W		1.12	16.3	300	34.8	27.4	<0.001	0.01	0.67	4.1	<0.2	0.5	28.0	<0.01	0.02	4.0
FGL007 15+00W		1.21	10.8	360	29.5	16.0	<0.001	0.01	0.61	2.8	<0.2	0.4	30.0	<0.01	0.02	2.3
FGL007 00+25E		1.33	19.3	390	9.9	18.5	<0.001	<0.01	1.22	7.2	<0.2	0.5	18.1	<0.01	0.02	5.4
FGL007 00+50E		1.40	14.9	390	14.0	20.3	<0.001	<0.01	1.45	5.0	<0.2	0.5	21.3	<0.01	0.02	3.1
FGL007 00+75E		1.45	20.6	530	16.7	21.3	<0.001	0.01	1.95	10.7	0.6	0.5	21.3	<0.01	0.02	6.5
FGL007 01+00E		1.10	10.8	370	12.7	34.3	<0.001	0.02	1.37	3.4	<0.2	0.4	18.7	<0.01	0.02	1.3
FGL007 01+25E		1.35	16.9	260	15.1	20.9	<0.001	0.01	3.32	6.0	<0.2	0.5	20.3	<0.01	0.03	5.4
FGL007 01+50E		0.60	6.1	290	4.9	11.4	<0.001	0.01	0.67	3.0	<0.2	0.2	13.9	<0.01	0.01	1.5
FGL007 01+75E		0.61	9.0	350	8.1	11.6	<0.001	0.01	2.09	2.9	<0.2	0.3	16.3	<0.01	0.01	1.6
FGL007 02+00E		0.89	10.9	290	11.3	16.6	<0.001	0.01	2.79	3.7	<0.2	0.4	17.5	<0.01	0.02	1.9
FGL007 02+25E		1.02	14.2	370	24.8	22.8	<0.001	<0.01	4.61	5.6	<0.2	0.5	25.7	<0.01	0.03	4.8
FGL007 02+50E		0.77	14.1	530	13.8	14.6	<0.001	0.01	2.33	6.8	0.7	0.4	23.0	<0.01	0.02	2.9
FGL007 02+75E		0.68	9.4	430	18.0	18.3	<0.001	0.02	2.02	3.6	0.2	0.3	26.1	<0.01	0.03	1.0
FGL007 03+00E		1.16	10.7	410	16.8	20.0	<0.001	<0.01	1.95	4.6	<0.2	0.5	21.1	<0.01	0.03	3.6
FGL008 00+00		0.90	11.5	290	125.5	14.6	<0.001	0.02	5.39	3.5	<0.2	0.5	20.8	<0.01	0.01	1.5
FGL008 00+25W		0.87	9.4	360	20.5	12.4	<0.001	0.01	1.14	2.0	<0.2	0.3	13.9	<0.01	0.02	0.9
FGL008 00+50W		1.31	15.5	340	18.5	18.0	<0.001	0.01	1.99	3.6	<0.2	0.5	18.4	<0.01	0.03	2.4
FGL008 00+75W		0.71	7.4	260	8.1	13.5	<0.001	0.01	1.28	1.5	<0.2	0.3	13.9	<0.01	0.02	0.4
FGL008 01+00W		1.02	13.4	410	16.4	12.0	<0.001	0.01	1.14	2.8	<0.2	0.4	19.3	<0.01	0.03	1.7
FGL008 01+25W		0.96	9.3	270	14.1	10.9	<0.001	0.01	1.09	2.0	<0.2	0.3	19.8	<0.01	0.01	1.0
FGL008 01+50W		1.04	8.2	170	15.3	15.8	<0.001	0.01	1.51	1.9	<0.2	0.4	16.4	<0.01	0.02	1.0

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

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 19- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- RA- TELOEX

CERTIFICATE OF ANALYSIS WH13156421

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
FGL007 10+00W		0.068	0.20	0.85	59	0.18	3.14	66	<0.5
FGL007 10+25W		0.040	0.22	1.15	35	0.13	3.78	67	<0.5
FGL007 10+50W		0.044	0.26	1.67	38	0.20	7.28	58	<0.5
FGL007 10+75W		0.066	0.24	1.09	56	1.23	6.47	73	<0.5
FGL007 11+00W		0.029	0.08	0.52	22	0.09	3.52	21	<0.5
FGL007 11+25W		0.031	0.14	1.40	30	0.15	14.90	54	0.5
FGL007 11+50W		0.095	0.20	0.82	63	0.29	4.33	63	0.6
FGL007 11+75W		0.057	0.09	0.35	41	0.15	1.68	44	0.6
FGL007 12+00W		0.060	0.07	0.32	40	0.16	1.73	37	0.5
FGL007 12+25W		0.089	0.14	0.50	52	0.24	3.29	66	1.7
FGL007 12+50W		0.068	0.14	0.51	46	0.20	2.64	41	0.8
FGL007 12+75W		0.095	0.15	0.47	52	0.24	3.09	52	1.4
FGL007 13+00W		0.075	0.14	0.65	38	0.18	9.05	40	1.4
FGL007 13+25W		0.141	0.42	0.58	75	0.55	5.17	54	1.5
FGL007 13+50W		0.120	0.25	0.52	59	0.29	3.74	60	1.3
FGL007 13+75W		0.206	0.34	0.63	99	0.32	4.04	101	2.9
FGL007 14+00W		0.100	0.17	0.45	52	0.23	2.98	52	2.0
FGL007 14+25W		0.104	0.16	0.42	53	0.23	2.73	50	2.8
FGL007 14+50W		0.178	0.33	0.65	88	0.67	3.49	249	2.8
FGL007 14+75W		0.134	0.24	0.49	68	0.55	3.28	111	3.0
FGL007 15+00W		0.104	0.18	0.38	56	0.48	2.44	195	2.0
FGL007 00+25E		0.089	0.15	1.14	70	0.15	7.33	61	0.7
FGL007 00+50E		0.111	0.13	0.62	65	0.14	3.60	66	0.8
FGL007 00+75E		0.108	0.19	2.60	74	0.14	17.40	80	0.8
FGL007 01+00E		0.092	0.14	0.66	55	0.17	3.76	49	0.5
FGL007 01+25E		0.086	0.23	0.71	66	0.18	4.10	52	2.1
FGL007 01+50E		0.052	0.12	0.52	39	0.11	5.33	26	<0.5
FGL007 01+75E		0.046	0.15	0.50	39	0.17	3.33	38	<0.5
FGL007 02+00E		0.064	0.19	0.57	53	0.24	3.85	52	<0.5
FGL007 02+25E		0.075	0.29	0.78	64	0.33	4.37	80	0.6
FGL007 02+50E		0.055	0.23	2.08	50	0.22	21.8	61	0.5
FGL007 02+75E		0.045	0.25	0.96	36	0.25	9.99	70	<0.5
FGL007 03+00E		0.069	0.25	0.61	52	0.29	5.68	62	0.5
FGL008 00+00		0.058	0.12	0.87	40	0.15	6.97	79	<0.5
FGL008 00+25W		0.067	0.10	0.32	46	0.14	2.26	62	<0.5
FGL008 00+50W		0.105	0.18	0.44	64	0.23	2.82	61	0.6
FGL008 00+75W		0.068	0.08	0.30	43	0.14	1.50	41	<0.5
FGL008 01+00W		0.071	0.11	0.54	48	0.16	3.67	50	<0.5
FGL008 01+25W		0.058	0.09	0.33	34	0.14	2.39	38	<0.5
FGL008 01+50W		0.066	0.11	0.31	43	0.15	1.73	47	<0.5

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

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
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SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 19- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- RA- TELOEX

CERTIFICATE OF ANALYSIS WH13156421

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- TL44 Au ppm 0.001	ME- MS41 Ag ppm 0.01	ME- MS41 Al % 0.01	ME- MS41 As ppm 0.1	ME- MS41 Au ppm 0.2	ME- MS41 B ppm 10	ME- MS41 Ba ppm 10	ME- MS41 Be ppm 0.05	ME- MS41 Bi ppm 0.01	ME- MS41 Ca % 0.01	ME- MS41 Cd ppm 0.01	ME- MS41 Ce ppm 0.02	ME- MS41 Co ppm 0.1	ME- MS41 Cr ppm 1
FGL008 01+75W		0.26	0.003	0.47	0.52	52.7	<0.2	<10	60	0.12	0.21	0.09	0.71	10.30	2.9	8
FGL008 02+00W		0.55	0.025	0.75	1.51	123.5	<0.2	<10	160	0.38	0.45	0.29	0.27	29.9	6.8	22
FGL008 02+25W		0.49	0.024	0.65	1.31	179.5	<0.2	<10	150	0.29	0.57	0.29	0.51	19.90	6.5	19
FGL008 02+50W		0.54	0.011	1.90	1.66	65.8	<0.2	<10	120	0.34	1.80	0.22	0.63	17.70	10.9	23
FGL008 02+75W		0.41	0.005	1.48	1.16	23.0	<0.2	<10	90	0.24	0.57	0.18	0.49	18.65	5.1	17
FGL008 03+00W		0.27	0.006	1.29	0.57	7.5	<0.2	<10	40	0.09	0.29	0.09	0.15	4.67	1.7	6
FGL008 03+25W		0.33	0.018	1.74	1.20	26.0	<0.2	<10	110	0.23	0.41	0.15	0.58	14.40	6.1	14
FGL008 03+50W		0.27	0.008	1.65	1.01	19.9	<0.2	<10	90	0.23	0.26	0.16	0.45	12.80	4.7	12
FGL008 03+75W		0.27	0.006	1.56	0.56	9.1	<0.2	<10	60	0.12	0.19	0.12	0.30	6.12	2.7	6
FGL008 04+00W		0.28	0.006	1.83	0.66	12.7	<0.2	<10	80	0.19	0.23	0.12	0.34	6.50	2.1	7
FGL008 04+25W		0.38	0.020	1.85	1.49	80.1	<0.2	<10	130	0.39	0.77	0.18	1.52	16.65	6.6	19
FGL008 04+50W		0.32	0.014	1.91	0.92	80.7	<0.2	<10	90	0.17	4.16	0.12	1.28	13.50	6.7	13
FGL008 04+75W		0.28	0.006	2.89	0.76	83.6	<0.2	<10	100	0.21	0.84	0.13	0.90	13.30	5.0	8
FGL008 05+00W		0.38	0.019	1.30	1.08	119.0	<0.2	<10	100	0.22	0.36	0.18	0.44	13.95	5.4	16
FGL008 05+25W		0.35	0.002	0.44	1.08	15.3	<0.2	<10	120	0.18	0.29	0.13	0.46	13.15	4.4	16
FGL008 05+50W		0.31	0.001	0.67	1.18	108.0	<0.2	<10	170	0.20	0.50	0.21	1.09	12.55	9.0	25
FGL008 05+75W		0.37	0.020	1.23	1.87	207	<0.2	<10	100	0.46	0.70	0.19	0.29	19.50	10.2	31
FGL008 06+00W		0.39	0.007	0.90	1.34	58.6	<0.2	<10	160	0.31	0.60	0.18	0.48	15.70	7.6	21
FGL008 06+25W		0.38	0.010	0.45	1.83	24.3	<0.2	<10	190	0.46	0.34	0.37	0.24	27.5	11.1	31
FGL008 06+50W		0.38	0.016	0.91	1.18	55.9	<0.2	<10	90	0.24	0.31	0.17	0.59	13.25	6.6	19
FGL008 06+75W		0.43	0.009	1.09	1.09	29.0	<0.2	<10	80	0.22	0.19	0.15	0.31	8.45	6.1	17
FGL008 07+00W		0.31	0.006	0.26	1.12	43.3	<0.2	<10	70	0.24	0.31	0.17	0.99	10.65	9.2	27
FGL008 07+25W		0.39	0.020	0.52	1.55	237	<0.2	<10	220	0.38	0.81	0.24	0.88	15.35	8.9	25
FGL008 07+50W		0.34	0.027	0.89	1.40	232	<0.2	<10	250	0.39	1.83	0.21	1.64	18.70	8.4	21
FGL008 07+75W		0.41	0.029	1.46	1.46	289	<0.2	<10	230	0.38	1.33	0.22	1.19	17.70	8.6	21
FGL008 08+00W		0.33	0.057	4.40	1.24	664	<0.2	<10	140	0.27	8.08	0.24	0.65	19.50	7.4	23
FGL008 08+25W		0.55	0.034	1.04	1.66	401	<0.2	<10	360	0.42	0.99	0.31	0.38	20.8	10.1	28
FGL008 08+50W		0.49	0.012	0.52	1.06	60.4	<0.2	<10	130	0.22	0.92	0.20	0.34	16.40	5.9	17
FGL008 08+75W		0.38	0.009	0.56	0.94	16.3	<0.2	<10	130	0.22	0.70	0.18	0.31	12.20	6.2	14
FGL008 09+00W		0.39	0.032	0.92	0.92	18.5	<0.2	<10	120	0.18	0.85	0.17	0.19	11.45	4.2	12
FGL008 09+25W		0.42	0.031	1.04	0.95	17.1	<0.2	<10	140	0.26	0.93	0.17	0.22	14.45	4.1	13
FGL008 09+50W		0.14	0.014	1.02	0.86	6.8	<0.2	<10	150	0.33	0.66	0.16	0.70	17.70	2.6	11
FGL008 09+75W		0.40	0.009	0.65	0.58	5.3	<0.2	<10	70	0.14	0.64	0.19	0.12	9.45	4.6	9
FGL008 10+00W		0.42	0.012	0.85	1.16	14.7	<0.2	<10	170	0.38	1.06	0.21	0.49	18.20	5.5	16
FGL008 10+25W		0.34	0.009	0.47	1.25	15.2	<0.2	<10	210	0.51	1.02	0.24	0.48	23.0	6.8	19
FGL008 10+50W		0.38	0.005	0.60	0.87	4.6	<0.2	<10	200	0.33	0.49	0.23	0.13	17.80	3.8	11
FGL008 10+75W		0.76	0.055	0.15	1.45	8.1	<0.2	<10	180	0.45	1.15	0.27	0.07	26.8	7.3	24
FGL008 11+00W		0.46	0.002	0.07	0.68	2.7	<0.2	<10	100	0.13	1.24	0.23	0.06	13.65	4.0	10
FGL008 11+25W		0.45	0.004	0.03	0.96	6.7	<0.2	<10	130	0.15	0.32	0.20	0.10	17.15	4.5	18
FGL008 11+50W		0.51	0.001	0.08	1.44	9.4	<0.2	<10	170	0.35	0.31	0.27	0.17	16.55	7.5	24

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

ALS Canada Ltd.
2103 Dollarton Hwy
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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 19- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- RA- TELOEX

CERTIFICATE OF ANALYSIS WH13156421

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
FGL008 01+75W		1.36	7.0	0.91	3.31	<0.05	<0.02	0.01	0.011	0.05	5.2	3.3	0.12	227	0.53	0.01
FGL008 02+00W		2.24	14.6	2.08	5.09	0.05	0.03	0.02	0.025	0.06	17.4	12.8	0.49	245	0.62	0.01
FGL008 02+25W		2.24	12.6	2.07	5.08	<0.05	<0.02	0.03	0.025	0.08	10.8	11.7	0.40	377	0.77	0.01
FGL008 02+50W		4.12	23.1	2.39	5.62	<0.05	<0.02	0.03	0.041	0.11	9.3	14.1	0.57	575	0.70	0.01
FGL008 02+75W		2.23	16.2	1.70	5.51	<0.05	0.02	0.01	0.019	0.06	10.0	7.3	0.39	183	0.64	0.01
FGL008 03+00W		0.71	10.3	0.67	1.86	<0.05	<0.02	0.02	0.008	0.05	2.0	2.1	0.08	45	0.17	0.04
FGL008 03+25W		2.22	27.5	1.46	4.24	<0.05	<0.02	0.03	0.020	0.10	8.1	5.4	0.31	264	0.56	0.02
FGL008 03+50W		1.51	28.2	1.30	3.53	<0.05	<0.02	0.03	0.016	0.08	7.4	5.6	0.24	184	0.48	0.02
FGL008 03+75W		1.12	13.6	0.98	2.30	<0.05	<0.02	0.01	0.009	0.05	3.1	2.1	0.09	120	0.21	0.02
FGL008 04+00W		1.36	30.6	0.86	2.28	<0.05	<0.02	0.01	0.010	0.05	4.7	2.4	0.10	132	0.24	0.04
FGL008 04+25W		3.56	32.6	2.33	5.16	<0.05	0.02	0.02	0.030	0.09	9.4	10.2	0.42	502	0.78	0.01
FGL008 04+50W		2.57	39.8	2.00	4.09	<0.05	<0.02	0.02	0.035	0.10	7.1	7.6	0.32	564	0.54	0.01
FGL008 04+75W		1.29	36.4	1.28	3.29	<0.05	<0.02	0.02	0.026	0.04	6.5	4.0	0.10	766	0.66	0.02
FGL008 05+00W		1.20	47.0	1.63	3.30	<0.05	<0.02	0.01	0.043	0.04	7.0	6.7	0.27	251	0.41	0.02
FGL008 05+25W		1.26	15.9	1.92	4.93	<0.05	<0.02	0.01	0.014	0.04	6.6	9.0	0.22	247	0.64	0.01
FGL008 05+50W		3.26	24.2	2.30	5.55	<0.05	<0.02	0.01	0.029	0.13	6.0	8.7	0.49	903	0.64	0.02
FGL008 05+75W		2.80	24.9	2.49	5.65	<0.05	0.03	0.03	0.028	0.09	9.9	13.2	0.48	266	1.13	0.01
FGL008 06+00W		2.33	18.8	2.06	4.97	<0.05	0.03	0.03	0.025	0.07	7.8	9.4	0.34	369	0.92	0.01
FGL008 06+25W		3.07	28.3	2.90	6.21	0.05	0.06	0.02	0.034	0.10	14.1	14.5	0.70	351	0.79	0.01
FGL008 06+50W		1.69	16.0	1.89	3.99	<0.05	<0.02	0.01	0.021	0.07	6.8	10.1	0.33	273	0.67	0.01
FGL008 06+75W		2.96	20.8	1.63	3.36	<0.05	0.02	0.01	0.012	0.11	3.9	5.3	0.41	260	0.48	0.04
FGL008 07+00W		1.96	11.4	1.92	4.00	<0.05	<0.02	0.01	0.015	0.06	5.5	8.9	0.39	350	0.66	0.02
FGL008 07+25W		2.67	29.2	2.49	5.68	<0.05	0.02	0.01	0.027	0.08	8.0	10.3	0.44	376	1.07	0.01
FGL008 07+50W		3.24	41.3	2.26	4.67	<0.05	<0.02	0.02	0.034	0.07	9.5	10.4	0.40	752	1.16	0.01
FGL008 07+75W		2.76	40.4	2.28	5.05	<0.05	<0.02	0.02	0.035	0.07	9.4	7.9	0.33	695	1.00	0.02
FGL008 08+00W		1.88	30.7	2.34	4.77	<0.05	<0.02	0.02	0.039	0.11	9.8	9.5	0.42	356	1.00	0.01
FGL008 08+25W		2.16	29.7	2.45	4.93	<0.05	0.02	0.07	0.029	0.07	10.6	11.7	0.48	544	1.14	0.03
FGL008 08+50W		2.98	18.3	1.67	4.38	<0.05	<0.02	0.01	0.019	0.06	8.5	6.9	0.31	335	0.96	0.01
FGL008 08+75W		2.87	15.7	1.42	3.79	<0.05	<0.02	0.02	0.015	0.08	6.5	4.8	0.23	528	0.64	0.03
FGL008 09+00W		3.63	13.4	2.02	3.75	<0.05	<0.02	0.05	0.015	0.06	6.4	3.2	0.15	126	0.50	0.02
FGL008 09+25W		2.78	15.4	1.81	3.86	<0.05	<0.02	0.05	0.015	0.06	7.6	3.8	0.15	108	0.62	0.02
FGL008 09+50W		2.88	25.0	0.94	2.85	<0.05	<0.02	0.06	0.015	0.06	10.5	3.0	0.16	85	0.49	0.02
FGL008 09+75W		1.80	9.8	1.41	2.90	<0.05	<0.02	0.03	0.011	0.05	4.5	2.4	0.12	216	0.35	0.02
FGL008 10+00W		3.03	40.3	1.56	3.88	<0.05	<0.02	0.03	0.031	0.08	10.3	5.7	0.24	189	0.79	0.02
FGL008 10+25W		4.50	33.0	1.63	4.34	<0.05	<0.02	0.03	0.026	0.09	13.1	6.7	0.28	251	0.83	0.02
FGL008 10+50W		2.82	23.3	1.17	2.92	<0.05	<0.02	0.03	0.013	0.05	10.5	4.2	0.16	175	0.45	0.02
FGL008 10+75W		3.06	16.3	2.14	4.84	<0.05	0.03	0.01	0.022	0.08	14.0	12.4	0.56	304	0.89	0.01
FGL008 11+00W		2.17	8.7	1.15	2.88	<0.05	<0.02	0.01	0.010	0.06	7.3	4.3	0.26	256	0.77	0.02
FGL008 11+25W		1.44	9.8	1.70	5.47	<0.05	0.02	<0.01	0.015	0.08	8.3	9.0	0.36	206	0.78	0.01
FGL008 11+50W		2.51	18.4	2.37	5.63	<0.05	0.02	0.01	0.024	0.14	7.6	12.1	0.53	275	0.91	0.02

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

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 19- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- RA- TELOEX

CERTIFICATE OF ANALYSIS WH13156421

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
FGL008 01+75W		0.50	4.1	310	17.0	16.4	<0.001	0.01	0.81	0.8	<0.2	0.3	10.3	<0.01	0.01	<0.2
FGL008 02+00W		1.16	14.0	420	31.3	12.1	<0.001	<0.01	19.05	4.0	0.2	0.5	20.3	<0.01	0.03	4.0
FGL008 02+25W		1.22	12.5	390	34.2	17.2	<0.001	0.01	19.45	3.1	<0.2	0.5	19.8	<0.01	0.02	1.9
FGL008 02+50W		1.11	13.5	300	77.3	22.0	<0.001	0.02	2.68	3.4	<0.2	0.6	22.8	<0.01	0.07	1.7
FGL008 02+75W		1.74	9.3	160	45.7	19.9	<0.001	<0.01	1.50	2.9	<0.2	0.7	17.0	<0.01	0.03	2.5
FGL008 03+00W		0.40	3.3	310	14.5	5.8	<0.001	0.01	0.53	1.0	<0.2	0.2	10.4	<0.01	0.01	0.4
FGL008 03+25W		0.56	8.6	350	49.0	17.5	<0.001	0.02	2.03	1.4	<0.2	0.4	18.7	<0.01	0.03	0.2
FGL008 03+50W		0.80	7.3	340	35.3	12.5	<0.001	0.01	1.29	2.0	<0.2	0.3	16.2	<0.01	0.02	1.4
FGL008 03+75W		0.32	3.9	360	47.1	6.8	<0.001	0.01	0.54	0.8	<0.2	0.2	11.8	<0.01	0.02	<0.2
FGL008 04+00W		0.45	4.2	280	18.1	6.7	<0.001	0.01	0.44	1.3	<0.2	0.2	12.5	<0.01	0.01	0.3
FGL008 04+25W		1.18	11.6	280	69.1	16.5	<0.001	0.01	2.43	3.6	<0.2	0.6	19.1	<0.01	0.05	2.1
FGL008 04+50W		0.79	7.8	400	79.6	15.0	<0.001	0.01	1.90	2.5	<0.2	0.5	12.8	<0.01	0.02	0.8
FGL008 04+75W		0.72	5.0	310	154.0	9.4	<0.001	0.01	0.84	1.1	<0.2	0.4	17.1	<0.01	0.02	0.4
FGL008 05+00W		0.79	10.6	380	54.2	6.7	<0.001	0.01	1.09	1.9	<0.2	0.5	17.3	<0.01	0.01	0.8
FGL008 05+25W		1.19	8.8	230	11.3	9.6	<0.001	0.01	0.65	1.7	<0.2	0.5	15.4	<0.01	0.02	0.7
FGL008 05+50W		1.24	11.9	340	34.8	24.8	<0.001	0.01	4.50	3.5	<0.2	0.5	22.1	<0.01	0.02	0.9
FGL008 05+75W		1.66	22.7	270	41.6	16.4	<0.001	0.01	1.76	3.8	0.3	0.5	20.3	<0.01	0.11	2.3
FGL008 06+00W		1.37	13.4	300	30.6	15.7	<0.001	0.01	1.40	2.8	<0.2	0.5	19.7	<0.01	0.02	1.8
FGL008 06+25W		1.36	17.8	650	17.6	19.2	<0.001	0.01	1.06	5.9	0.4	0.6	25.4	<0.01	0.02	3.1
FGL008 06+50W		1.10	10.4	310	36.3	15.3	<0.001	0.01	0.93	2.2	<0.2	0.4	17.2	<0.01	0.03	0.9
FGL008 06+75W		0.69	9.8	260	41.3	17.0	<0.001	0.03	1.71	3.2	0.2	0.3	21.2	<0.01	0.03	0.7
FGL008 07+00W		0.96	15.2	520	18.8	13.3	<0.001	0.02	2.37	2.2	<0.2	0.3	17.6	<0.01	0.04	1.1
FGL008 07+25W		1.20	15.4	310	22.5	18.1	<0.001	0.02	4.10	3.6	<0.2	0.5	26.4	<0.01	0.09	1.5
FGL008 07+50W		1.02	15.2	260	26.1	15.1	<0.001	0.02	6.73	3.5	0.3	0.5	25.3	<0.01	0.08	1.7
FGL008 07+75W		0.88	13.0	380	49.9	13.9	<0.001	0.02	4.08	3.3	0.3	0.5	25.1	<0.01	0.08	1.4
FGL008 08+00W		1.20	15.0	540	112.5	16.5	<0.001	0.04	11.05	3.2	<0.2	0.9	22.6	<0.01	0.11	1.9
FGL008 08+25W		1.16	17.2	500	25.2	11.7	<0.001	0.02	5.75	3.7	0.3	0.6	27.2	<0.01	0.06	2.1
FGL008 08+50W		1.06	9.3	270	17.6	20.4	<0.001	0.01	5.93	2.4	<0.2	0.5	19.8	<0.01	0.05	1.2
FGL008 08+75W		0.59	6.8	410	9.5	19.3	<0.001	0.02	1.45	1.8	<0.2	0.4	19.1	<0.01	0.03	0.4
FGL008 09+00W		0.53	6.7	600	16.6	10.3	<0.001	0.03	1.49	2.0	0.3	0.4	18.7	<0.01	0.04	1.4
FGL008 09+25W		0.53	7.7	560	19.5	10.8	<0.001	0.03	1.41	2.2	0.4	0.4	20.0	<0.01	0.04	0.9
FGL008 09+50W		0.34	7.8	630	16.8	13.6	<0.001	0.05	1.81	0.6	0.3	0.3	22.5	<0.01	0.02	<0.2
FGL008 09+75W		0.43	5.3	640	9.7	7.7	<0.001	0.01	1.09	1.4	<0.2	0.3	16.3	<0.01	0.03	0.6
FGL008 10+00W		0.59	11.1	600	21.6	14.9	<0.001	0.03	1.99	1.9	0.3	0.4	23.5	<0.01	0.05	0.3
FGL008 10+25W		0.71	11.8	550	15.1	17.6	<0.001	0.02	1.30	3.3	0.3	0.4	23.5	<0.01	0.05	0.8
FGL008 10+50W		0.48	8.2	540	8.6	8.9	<0.001	0.02	0.64	2.2	0.2	0.3	20.3	<0.01	0.03	0.6
FGL008 10+75W		1.61	14.7	300	8.9	14.7	<0.001	0.01	0.79	4.3	0.2	0.6	20.3	<0.01	0.03	4.4
FGL008 11+00W		0.74	5.8	520	3.7	10.1	<0.001	0.02	0.43	1.7	<0.2	0.3	17.5	<0.01	0.02	1.2
FGL008 11+25W		1.53	8.8	170	7.2	20.7	0.001	0.01	0.44	2.3	0.2	0.6	19.0	<0.01	0.03	1.3
FGL008 11+50W		1.58	14.9	360	6.9	17.6	0.001	0.01	0.72	3.7	0.3	0.6	21.8	<0.01	0.03	1.6

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

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 19- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- RA- TELOEX

CERTIFICATE OF ANALYSIS WH13156421

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
FGL008 01+75W		0.044	0.07	0.25	26	0.09	1.53	38	<0.5
FGL008 02+00W		0.056	0.18	0.73	44	0.38	7.80	70	0.9
FGL008 02+25W		0.051	0.18	0.48	45	0.18	3.91	86	<0.5
FGL008 02+50W		0.069	0.18	0.57	48	0.16	3.28	135	<0.5
FGL008 02+75W		0.101	0.14	0.53	44	0.15	3.41	80	0.7
FGL008 03+00W		0.030	0.05	0.21	17	0.05	1.07	32	<0.5
FGL008 03+25W		0.048	0.14	0.61	32	0.11	3.43	99	<0.5
FGL008 03+50W		0.050	0.10	0.53	30	0.11	3.47	75	<0.5
FGL008 03+75W		0.039	0.06	0.27	28	0.05	1.82	44	<0.5
FGL008 04+00W		0.033	0.07	0.35	24	0.06	3.37	63	<0.5
FGL008 04+25W		0.065	0.21	0.60	54	0.19	4.81	360	0.9
FGL008 04+50W		0.075	0.17	0.36	53	0.12	2.89	207	<0.5
FGL008 04+75W		0.038	0.08	0.34	31	0.12	2.17	101	<0.5
FGL008 05+00W		0.048	0.09	0.43	36	0.14	2.91	113	<0.5
FGL008 05+25W		0.061	0.10	0.28	51	0.17	1.81	87	<0.5
FGL008 05+50W		0.098	0.28	0.26	56	0.18	2.45	125	0.5
FGL008 05+75W		0.074	0.25	0.45	64	0.30	3.64	79	1.2
FGL008 06+00W		0.061	0.16	0.38	50	0.18	2.47	86	1.0
FGL008 06+25W		0.113	0.29	0.68	64	0.22	10.20	70	2.5
FGL008 06+50W		0.059	0.11	0.31	44	0.27	2.31	117	<0.5
FGL008 06+75W		0.063	0.21	0.32	41	0.25	2.31	78	0.6
FGL008 07+00W		0.069	0.12	0.37	45	0.29	2.66	136	0.5
FGL008 07+25W		0.080	0.22	0.63	61	0.25	3.71	151	0.6
FGL008 07+50W		0.057	0.29	0.70	47	0.26	4.77	214	0.5
FGL008 07+75W		0.060	0.22	0.84	54	0.31	5.37	167	<0.5
FGL008 08+00W		0.067	0.22	0.62	47	0.24	4.13	102	0.5
FGL008 08+25W		0.062	0.24	0.92	52	0.22	5.26	93	0.7
FGL008 08+50W		0.056	0.22	0.61	38	0.20	2.86	59	<0.5
FGL008 08+75W		0.048	0.19	0.63	37	0.12	2.83	42	<0.5
FGL008 09+00W		0.066	0.15	1.23	57	0.09	3.65	46	<0.5
FGL008 09+25W		0.058	0.15	1.42	49	0.10	5.38	48	<0.5
FGL008 09+50W		0.018	0.14	1.66	15	0.11	6.28	41	<0.5
FGL008 09+75W		0.062	0.10	0.53	44	0.06	2.65	32	<0.5
FGL008 10+00W		0.045	0.16	1.43	35	0.13	7.33	49	<0.5
FGL008 10+25W		0.044	0.19	1.83	36	0.12	7.87	56	<0.5
FGL008 10+50W		0.038	0.12	1.27	29	0.10	7.96	28	<0.5
FGL008 10+75W		0.084	0.19	0.81	46	0.62	4.97	46	1.3
FGL008 11+00W		0.048	0.12	0.42	29	0.11	2.91	24	<0.5
FGL008 11+25W		0.096	0.13	0.39	48	0.23	2.71	34	0.6
FGL008 11+50W		0.089	0.18	0.51	54	0.19	3.76	48	0.7

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

ALS Canada Ltd.
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 19- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- RA- TELOEX

CERTIFICATE OF ANALYSIS WH13156421

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- TL44 Au ppm 0.001	ME- MS41 Ag ppm 0.01	ME- MS41 Al % 0.01	ME- MS41 As ppm 0.1	ME- MS41 Au ppm 0.2	ME- MS41 B ppm 10	ME- MS41 Ba ppm 10	ME- MS41 Be ppm 0.05	ME- MS41 Bi ppm 0.01	ME- MS41 Ca % 0.01	ME- MS41 Cd ppm 0.01	ME- MS41 Ce ppm 0.02	ME- MS41 Co ppm 0.1	ME- MS41 Cr ppm 1
FGL008 11+75W		0.41	0.001	0.12	1.16	5.8	<0.2	<10	160	0.27	0.26	0.19	0.36	13.75	6.2	17
FGL008 12+00W		0.35	0.002	0.10	1.25	9.1	<0.2	<10	140	0.29	0.27	0.18	0.19	16.00	5.0	20
FGL008 12+25W		0.52	0.001	0.09	1.58	9.8	<0.2	<10	150	0.36	0.50	0.21	0.15	17.65	7.3	26
FGL008 12+50W		0.40	0.001	0.13	2.79	8.8	<0.2	<10	250	0.37	0.37	0.38	0.15	14.05	13.8	20
FGL008 12+75W		0.50	0.001	0.10	2.83	17.8	<0.2	<10	190	0.43	0.45	0.38	0.60	16.55	12.9	25
FGL008 13+00W		0.57	0.001	0.05	3.14	17.7	<0.2	<10	260	0.45	0.75	0.43	0.23	23.4	15.0	28
FGL008 13+25W		0.43	0.002	0.09	3.05	9.8	<0.2	<10	270	0.40	0.30	0.34	0.52	17.55	15.2	24
FGL008 13+50W		0.51	0.002	0.16	2.07	11.7	<0.2	<10	230	0.35	0.30	0.31	0.68	18.30	9.9	25
FGL008 13+75W		0.48	0.010	0.18	2.51	18.1	<0.2	<10	180	0.52	0.43	0.35	0.37	21.8	10.9	29
FGL008 14+00W		0.53	0.003	0.28	2.62	52.6	<0.2	<10	290	0.64	0.84	0.41	0.75	28.9	12.1	24
FGL008 14+25W		0.57	0.057	0.70	2.96	23.8	<0.2	<10	360	0.49	0.60	0.46	0.44	21.1	15.2	24
FGL008 14+50W		0.50	0.071	0.17	3.27	12.8	<0.2	<10	330	0.49	0.95	0.56	0.16	25.0	15.2	26
FGL008 14+75W		0.58	0.003	0.47	3.18	39.7	<0.2	<10	240	0.49	2.05	0.42	0.47	22.2	14.2	26
FGL008 15+00W		0.57	0.002	0.09	2.07	11.3	<0.2	<10	170	0.37	0.37	0.29	0.12	18.20	8.6	25
FGL008 00+25E		0.31	0.002	0.14	0.90	9.5	<0.2	<10	110	0.17	0.25	0.24	0.37	13.95	5.1	14
FGL008 00+50E		0.80	0.004	0.27	1.60	19.5	<0.2	<10	150	0.29	0.25	0.40	0.20	21.8	9.1	25
FGL008 00+75E		0.35	0.002	0.16	1.66	29.4	<0.2	<10	120	0.26	0.30	0.21	0.25	14.15	9.5	25
FGL008 01+00E		0.56	0.011	2.31	2.10	54.1	<0.2	<10	120	0.39	0.29	0.31	0.47	19.25	10.5	29
FGL008 01+25E		0.27	0.003	0.26	1.00	11.1	<0.2	<10	70	0.13	0.11	0.12	0.24	7.69	3.9	12
FGL008 01+50E		0.58	0.004	0.24	1.17	13.9	<0.2	<10	90	0.19	0.11	0.25	0.13	15.55	6.9	18
FGL008 01+75E		0.67	0.003	0.23	1.25	10.1	<0.2	<10	70	0.18	0.09	0.21	0.14	17.75	7.7	15
FGL008 02+00E		0.47	0.006	0.18	1.76	16.2	<0.2	<10	100	0.24	0.11	0.20	0.15	17.75	10.5	20
FGL008 02+25E		0.44	0.006	0.11	1.88	25.3	<0.2	<10	100	0.20	0.15	0.21	0.15	18.25	11.9	23
FGL008 02+50E		0.67	0.014	0.21	2.28	75.5	<0.2	<10	210	0.46	0.27	0.37	0.22	24.7	12.9	29
FGL008 02+75E		0.52	0.006	0.10	2.16	57.6	<0.2	<10	160	0.40	0.36	0.39	0.39	22.1	12.8	26
FGL008 03+00E		0.51	0.004	0.10	1.81	29.3	<0.2	<10	120	0.31	0.22	0.36	0.23	19.35	11.3	26
FGL009 00+00		0.33	0.006	0.62	0.72	4.5	<0.2	<10	90	0.24	0.19	0.37	0.12	18.85	4.8	8
FGL009 00+25W		0.31	0.009	0.77	1.55	7.0	<0.2	<10	130	0.29	0.46	0.34	0.26	23.8	7.9	17
FGL009 00+50W		0.43	0.008	0.47	1.17	33.5	<0.2	<10	200	0.38	0.59	0.72	0.41	28.8	10.3	19
FGL009 00+75W		0.45	0.008	0.23	0.90	18.1	<0.2	<10	170	0.29	0.23	0.51	0.22	22.6	6.6	13
FGL009 01+00W		0.30	0.010	0.27	0.83	22.4	<0.2	<10	230	0.26	0.11	0.66	0.39	20.6	5.9	10
FGL009 01+25W		0.36	0.023	0.36	1.10	28.9	<0.2	<10	180	0.31	0.18	0.50	0.24	27.2	7.0	15
FGL009 01+50W		0.54	0.006	0.16	2.86	38.5	<0.2	<10	200	0.44	0.13	0.52	0.24	28.2	17.2	30
FGL009 01+75W		0.39	0.006	0.53	1.10	15.0	<0.2	<10	110	0.23	0.14	0.25	0.14	16.35	6.6	14
FGL009 02+00W		0.41	0.004	0.17	1.33	33.6	<0.2	<10	80	0.27	0.30	0.28	0.16	15.25	9.0	23
FGL009 02+25W		0.35	0.007	0.44	1.45	24.4	<0.2	<10	120	0.28	0.21	0.36	0.17	18.25	8.9	20
FGL009 02+50W		0.46	0.005	0.22	1.63	28.0	<0.2	<10	140	0.29	0.21	0.35	0.27	17.25	10.6	27
FGL009 02+75W		0.55	0.011	0.31	1.42	31.6	<0.2	<10	120	0.29	0.21	0.34	0.25	18.70	8.1	20
FGL009 03+00W		0.42	0.005	0.25	0.90	18.7	<0.2	<10	90	0.16	0.19	0.25	0.36	14.55	7.1	13
FGL009 03+25W		0.35	0.012	0.82	1.10	17.7	<0.2	<10	130	0.26	0.23	0.24	0.35	28.5	8.0	13

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

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 19- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- RA- TELOEX

CERTIFICATE OF ANALYSIS WH13156421

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
FGL008 11+75W		1.39	9.5	1.82	4.77	<0.05	<0.02	0.02	0.016	0.08	6.1	8.6	0.32	372	0.74	0.01
FGL008 12+00W		1.00	9.6	1.92	4.38	<0.05	0.04	0.02	0.021	0.07	7.7	9.4	0.35	177	0.74	0.02
FGL008 12+25W		1.06	16.7	2.37	5.26	<0.05	0.09	0.01	0.026	0.08	8.5	11.8	0.50	231	0.78	0.01
FGL008 12+50W		2.56	24.4	3.54	9.85	0.05	0.05	0.01	0.024	0.26	6.1	17.4	0.99	316	0.51	0.02
FGL008 12+75W		2.25	12.5	3.66	9.29	<0.05	0.08	0.01	0.028	0.13	7.4	18.9	1.01	338	0.61	0.02
FGL008 13+00W		5.33	15.5	4.26	11.10	0.07	0.07	0.01	0.035	0.55	8.8	21.8	1.46	462	0.59	0.02
FGL008 13+25W		2.56	22.9	3.72	10.65	0.06	0.10	0.01	0.019	0.23	8.0	18.5	1.08	426	0.81	0.02
FGL008 13+50W		1.73	14.5	2.70	6.81	<0.05	0.06	0.01	0.025	0.13	8.0	13.3	0.63	357	0.63	0.01
FGL008 13+75W		1.75	16.9	3.21	7.83	<0.05	0.07	0.02	0.030	0.14	8.1	15.0	0.79	290	0.77	0.01
FGL008 14+00W		3.31	15.1	3.62	8.47	<0.05	0.09	0.02	0.033	0.31	13.8	13.3	0.88	507	0.79	0.02
FGL008 14+25W		3.98	23.3	4.28	10.30	0.05	0.10	0.02	0.043	0.26	8.0	16.3	1.23	482	0.56	0.02
FGL008 14+50W		4.44	64.6	4.31	11.30	0.07	0.09	0.01	0.026	0.47	10.5	19.4	1.33	422	0.54	0.03
FGL008 14+75W		3.70	52.2	3.91	10.50	0.06	0.06	0.02	0.062	0.19	8.8	18.2	1.08	355	0.65	0.02
FGL008 15+00W		1.60	21.8	2.70	6.47	<0.05	0.10	0.01	0.020	0.12	8.2	12.3	0.70	233	0.56	0.02
FGL008 00+25E		0.87	13.0	1.66	5.30	<0.05	<0.02	0.01	0.011	0.05	6.6	5.6	0.22	319	0.65	0.01
FGL008 00+50E		1.59	14.8	2.52	5.70	<0.05	0.02	0.02	0.021	0.06	11.8	14.7	0.59	330	0.47	0.01
FGL008 00+75E		2.39	12.5	2.33	6.25	<0.05	0.02	0.01	0.021	0.08	6.7	14.0	0.51	472	0.83	0.02
FGL008 01+00E		3.29	17.5	2.90	6.80	0.05	0.02	0.03	0.027	0.12	10.8	17.7	0.76	317	0.72	0.02
FGL008 01+25E		2.49	12.0	1.14	4.08	<0.05	<0.02	0.02	0.011	0.06	4.2	5.6	0.26	109	0.37	0.02
FGL008 01+50E		3.03	11.0	1.93	5.04	0.05	<0.02	0.02	0.015	0.08	8.6	7.6	0.48	243	0.41	0.03
FGL008 01+75E		2.78	10.3	2.03	5.69	<0.05	<0.02	0.02	0.015	0.08	10.2	9.0	0.79	372	0.40	0.02
FGL008 02+00E		3.65	13.7	2.50	6.99	0.05	<0.02	0.03	0.025	0.09	10.7	13.2	1.21	506	0.47	0.02
FGL008 02+25E		3.58	8.6	2.85	9.28	0.05	<0.02	0.01	0.024	0.08	9.8	13.5	1.44	624	0.66	0.02
FGL008 02+50E		6.19	18.5	3.26	8.04	<0.05	0.03	0.02	0.034	0.13	14.6	19.1	0.91	455	1.12	0.02
FGL008 02+75E		6.50	15.8	3.17	7.69	0.05	0.02	0.02	0.061	0.14	11.6	17.6	0.87	479	0.92	0.02
FGL008 03+00E		5.05	12.5	2.94	6.77	<0.05	0.02	0.08	0.026	0.15	10.0	16.2	0.90	406	0.70	0.01
FGL009 00+00		1.57	15.5	1.18	2.83	<0.05	<0.02	0.04	0.011	0.05	12.1	4.9	0.18	398	0.37	0.03
FGL009 00+25W		3.16	22.5	1.69	5.52	0.05	<0.02	0.05	0.020	0.10	13.7	13.2	0.55	270	0.41	0.03
FGL009 00+50W		2.74	33.0	2.27	4.95	0.05	<0.02	0.04	0.025	0.09	17.3	7.0	0.49	950	0.73	0.01
FGL009 00+75W		1.98	16.5	1.44	3.40	0.05	0.02	0.03	0.017	0.07	14.3	4.9	0.32	543	0.45	0.02
FGL009 01+00W		2.39	19.4	1.29	3.01	<0.05	<0.02	0.04	0.013	0.05	12.9	4.4	0.26	898	0.47	0.03
FGL009 01+25W		3.35	16.2	1.78	4.22	0.05	<0.02	0.05	0.017	0.09	17.1	6.4	0.40	788	0.52	0.03
FGL009 01+50W		15.35	11.6	4.73	10.80	0.09	0.03	0.02	0.032	0.35	16.8	18.9	2.39	736	1.03	0.01
FGL009 01+75W		3.65	15.7	1.39	4.17	<0.05	<0.02	0.03	0.013	0.07	10.8	6.0	0.27	383	0.51	0.03
FGL009 02+00W		4.09	10.3	1.99	5.05	<0.05	<0.02	0.02	0.019	0.09	9.4	12.3	0.54	312	0.62	0.01
FGL009 02+25W		4.56	13.2	1.85	5.13	<0.05	<0.02	0.03	0.017	0.09	11.8	10.9	0.46	537	0.78	0.02
FGL009 02+50W		5.70	13.1	2.29	5.75	<0.05	<0.02	0.02	0.018	0.14	9.8	14.3	0.76	515	0.69	0.02
FGL009 02+75W		4.57	13.8	2.04	4.70	<0.05	<0.02	0.03	0.018	0.11	11.2	12.5	0.55	314	0.56	0.02
FGL009 03+00W		2.89	11.5	1.51	3.53	<0.05	<0.02	0.02	0.012	0.07	7.8	7.1	0.34	561	0.41	0.02
FGL009 03+25W		2.36	17.7	1.69	3.74	0.05	<0.02	0.05	0.015	0.05	16.7	8.0	0.34	359	0.39	0.02

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

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 19- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- RA- TELOEX

CERTIFICATE OF ANALYSIS WH13156421

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
FGL008 11+75W		1.33	9.0	310	6.7	13.2	0.001	0.01	0.40	2.0	0.3	0.5	18.2	<0.01	0.03	1.2
FGL008 12+00W		1.43	10.4	150	11.3	13.8	0.001	0.01	0.48	2.4	0.2	0.5	16.7	<0.01	0.02	2.5
FGL008 12+25W		1.01	15.8	100	16.5	13.2	0.001	0.01	0.63	3.3	0.5	0.6	20.0	<0.01	0.02	3.4
FGL008 12+50W		1.98	14.7	770	9.3	32.5	0.002	0.01	0.93	3.3	0.3	0.5	29.6	<0.01	0.03	2.7
FGL008 12+75W		1.50	15.7	330	20.2	18.6	0.001	0.01	2.75	4.6	0.5	0.6	41.1	<0.01	0.04	3.3
FGL008 13+00W		1.42	15.5	660	13.2	66.2	0.001	0.01	2.08	6.9	0.4	0.7	35.8	<0.01	0.03	4.6
FGL008 13+25W		1.64	16.7	440	13.9	32.5	0.001	0.01	1.28	4.1	0.2	0.6	30.1	<0.01	0.04	3.6
FGL008 13+50W		1.45	15.6	310	15.5	21.5	0.001	0.01	0.90	3.5	0.3	0.5	29.7	<0.01	0.03	3.0
FGL008 13+75W		1.57	17.6	230	27.5	24.7	0.001	0.01	1.14	4.5	0.3	0.5	34.0	<0.01	0.04	4.5
FGL008 14+00W		1.22	14.4	330	53.6	37.8	0.001	0.02	1.55	5.5	0.3	0.6	31.5	<0.01	0.04	6.1
FGL008 14+25W		1.39	15.0	380	60.9	35.9	0.001	0.03	3.20	5.0	0.4	0.7	57.0	<0.01	0.03	4.9
FGL008 14+50W		1.42	17.5	860	13.1	57.1	0.001	0.03	0.90	5.5	0.5	0.7	47.8	<0.01	0.05	5.6
FGL008 14+75W		1.65	16.8	470	84.3	35.7	0.001	0.03	0.98	5.4	0.4	0.8	48.8	<0.01	0.05	4.1
FGL008 15+00W		1.36	16.0	240	15.1	18.3	0.001	0.01	0.65	3.7	0.2	0.5	27.2	<0.01	0.04	3.7
FGL008 00+25E		0.91	7.4	430	12.6	11.9	0.001	0.01	0.82	1.4	0.3	0.5	21.1	<0.01	0.02	0.4
FGL008 00+50E		1.39	14.6	650	12.8	9.9	0.001	0.01	1.09	3.0	0.3	0.5	23.6	<0.01	0.03	2.7
FGL008 00+75E		1.38	14.7	360	15.8	15.7	0.002	0.03	1.28	2.6	0.2	0.4	17.7	<0.01	0.03	1.8
FGL008 01+00E		1.39	17.4	300	48.8	17.5	0.001	0.03	5.14	4.0	0.4	0.7	20.1	<0.01	0.03	2.4
FGL008 01+25E		0.38	7.4	240	7.6	10.5	0.001	0.03	0.81	0.9	<0.2	0.3	11.6	<0.01	0.02	<0.2
FGL008 01+50E		0.71	9.8	350	9.5	13.2	0.001	0.02	1.31	3.1	0.3	0.3	16.7	<0.01	0.01	1.1
FGL008 01+75E		0.74	9.1	350	4.6	12.8	0.001	0.03	0.76	3.8	0.2	0.4	13.4	<0.01	<0.01	1.2
FGL008 02+00E		0.79	12.1	380	6.1	15.4	0.001	0.02	0.89	5.0	0.4	0.4	16.7	<0.01	0.01	1.3
FGL008 02+25E		1.10	12.6	280	7.0	20.7	0.001	0.02	1.52	5.8	0.3	0.5	13.9	<0.01	0.03	2.4
FGL008 02+50E		1.52	17.7	360	22.2	21.8	0.001	0.01	3.34	5.7	0.4	0.6	25.0	<0.01	0.03	4.2
FGL008 02+75E		1.39	15.5	390	28.8	21.6	0.001	0.01	3.87	5.4	0.3	0.6	25.3	<0.01	0.03	3.5
FGL008 03+00E		1.31	15.0	390	22.4	20.4	0.001	0.01	3.32	4.5	0.4	0.5	22.1	<0.01	0.03	2.5
FGL009 00+00		0.48	5.3	430	5.3	7.6	0.001	0.05	1.40	2.1	0.4	0.2	19.8	<0.01	0.02	0.5
FGL009 00+25W		0.91	9.9	490	24.4	19.1	0.001	0.06	2.04	3.5	0.6	0.4	21.1	<0.01	0.03	0.9
FGL009 00+50W		0.72	12.3	820	17.9	16.2	0.002	0.06	2.19	3.4	0.4	0.4	40.7	<0.01	0.06	1.1
FGL009 00+75W		0.54	7.7	830	8.5	8.5	0.001	0.07	1.69	2.6	0.5	0.2	29.5	<0.01	0.03	1.0
FGL009 01+00W		0.50	8.3	580	6.6	8.3	0.001	0.10	1.51	2.2	0.6	0.2	36.8	<0.01	0.03	0.7
FGL009 01+25W		0.69	9.9	610	10.0	11.2	0.001	0.14	1.84	4.0	0.6	0.3	31.7	<0.01	0.04	1.5
FGL009 01+50W		1.29	18.5	440	8.7	35.7	0.001	0.14	2.95	11.7	0.3	0.7	26.5	<0.01	0.02	8.0
FGL009 01+75W		0.64	7.9	350	10.9	12.1	0.001	0.12	1.28	2.3	0.5	0.3	17.1	<0.01	0.01	0.6
FGL009 02+00W		1.04	14.3	230	14.7	18.6	<0.001	0.01	2.55	3.2	0.2	0.3	19.0	<0.01	0.03	3.0
FGL009 02+25W		0.87	12.2	310	10.0	18.9	<0.001	0.01	1.88	3.4	0.4	0.3	22.5	<0.01	0.03	2.2
FGL009 02+50W		1.06	15.7	310	12.3	26.1	<0.001	0.01	2.55	3.5	0.2	0.4	22.8	<0.01	0.02	2.4
FGL009 02+75W		0.79	12.4	380	14.8	18.2	<0.001	0.01	2.48	3.5	0.4	0.3	21.4	<0.01	0.02	2.2
FGL009 03+00W		0.58	7.6	400	15.1	13.2	<0.001	0.01	1.80	2.1	0.4	0.2	18.5	<0.01	0.01	1.5
FGL009 03+25W		0.48	8.8	590	12.9	10.7	<0.001	0.02	1.65	3.0	0.7	0.2	17.8	<0.01	0.02	1.1

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

ALS Canada Ltd.
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 19- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- RA- TELOEX

CERTIFICATE OF ANALYSIS WH13156421

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
FGL008 11+75W		0.061	0.11	0.32	43	0.18	2.27	36	<0.5
FGL008 12+00W		0.063	0.11	0.46	45	0.20	2.61	44	1.6
FGL008 12+25W		0.083	0.15	0.51	57	0.21	3.18	52	3.2
FGL008 12+50W		0.246	0.33	0.51	102	0.65	3.51	68	1.7
FGL008 12+75W		0.172	0.32	0.55	93	0.73	3.82	121	2.6
FGL008 13+00W		0.263	0.70	0.71	114	0.59	6.08	82	2.2
FGL008 13+25W		0.238	0.42	0.55	96	1.41	3.80	115	2.9
FGL008 13+50W		0.127	0.28	0.48	68	0.34	3.35	112	2.1
FGL008 13+75W		0.138	0.33	0.57	79	0.60	3.64	105	2.7
FGL008 14+00W		0.135	0.47	0.97	83	0.66	5.94	193	3.0
FGL008 14+25W		0.246	0.84	0.74	105	0.61	3.79	178	3.3
FGL008 14+50W		0.257	0.92	0.76	106	1.20	4.56	73	3.2
FGL008 14+75W		0.201	0.71	0.70	93	1.60	3.83	161	2.3
FGL008 15+00W		0.150	0.27	0.51	66	1.87	3.12	56	3.1
FGL008 00+25E		0.072	0.08	0.34	45	0.15	2.24	47	<0.5
FGL008 00+50E		0.091	0.13	0.85	59	0.25	4.32	62	0.9
FGL008 00+75E		0.086	0.13	0.47	59	0.19	2.60	58	0.7
FGL008 01+00E		0.101	0.18	0.78	67	0.36	4.48	95	0.7
FGL008 01+25E		0.036	0.08	0.46	29	0.10	1.65	29	<0.5
FGL008 01+50E		0.065	0.11	0.59	52	0.16	3.58	37	<0.5
FGL008 01+75E		0.066	0.10	0.79	59	0.13	4.38	36	<0.5
FGL008 02+00E		0.070	0.14	0.99	66	0.15	4.50	51	<0.5
FGL008 02+25E		0.093	0.15	0.73	78	0.16	3.79	61	<0.5
FGL008 02+50E		0.113	0.30	0.86	74	0.24	5.83	70	1.4
FGL008 02+75E		0.113	0.31	0.74	72	0.27	4.93	135	1.0
FGL008 03+00E		0.113	0.21	0.67	68	0.23	4.40	68	0.7
FGL009 00+00		0.041	0.09	1.05	31	0.12	8.83	21	<0.5
FGL009 00+25W		0.062	0.19	1.08	48	0.24	7.84	53	0.5
FGL009 00+50W		0.054	0.16	1.48	52	6.62	9.30	65	<0.5
FGL009 00+75W		0.038	0.14	1.13	32	0.18	8.76	42	0.7
FGL009 01+00W		0.034	0.15	0.98	28	0.16	8.44	37	0.6
FGL009 01+25W		0.047	0.23	1.07	38	0.20	10.00	48	0.6
FGL009 01+50W		0.117	0.66	1.28	104	0.31	5.49	100	1.0
FGL009 01+75W		0.045	0.17	0.67	34	0.18	4.47	33	<0.5
FGL009 02+00W		0.070	0.18	0.47	45	0.27	2.73	54	0.6
FGL009 02+25W		0.058	0.18	0.60	41	0.22	4.55	44	0.5
FGL009 02+50W		0.088	0.22	0.51	53	0.24	3.63	63	0.6
FGL009 02+75W		0.072	0.19	0.65	48	0.24	4.28	58	<0.5
FGL009 03+00W		0.059	0.12	0.44	39	0.15	3.72	51	<0.5
FGL009 03+25W		0.055	0.12	1.20	40	0.12	9.87	68	<0.5

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

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 19- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- RA- TELOEX

CERTIFICATE OF ANALYSIS WH13156421

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- TL44 Au ppm 0.001	ME- MS41 Ag ppm 0.01	ME- MS41 Al % 0.01	ME- MS41 As ppm 0.1	ME- MS41 Au ppm 0.2	ME- MS41 B ppm 10	ME- MS41 Ba ppm 10	ME- MS41 Be ppm 0.05	ME- MS41 Bi ppm 0.01	ME- MS41 Ca % 0.01	ME- MS41 Cd ppm 0.01	ME- MS41 Ce ppm 0.02	ME- MS41 Co ppm 0.1	ME- MS41 Cr ppm 1
FGL009 03+50W		0.53	0.015	0.62	1.37	39.0	<0.2	<10	120	0.24	0.34	0.27	0.41	21.4	8.6	18
FGL009 03+75W		0.38	0.022	1.08	1.66	52.6	<0.2	<10	170	0.35	0.40	0.38	0.83	30.9	11.5	20
FGL009 04+00W		0.53	0.012	1.00	1.70	39.2	<0.2	<10	180	0.35	0.49	0.42	0.88	28.1	8.8	24
FGL009 04+25W		0.44	0.015	1.55	1.49	47.9	<0.2	<10	150	0.30	0.50	0.31	1.06	23.1	6.3	18
FGL009 04+50W		0.50	0.012	0.55	1.64	83.4	<0.2	<10	130	0.29	0.74	0.28	0.97	21.7	10.4	23
FGL009 04+75W		0.51	0.008	1.04	1.49	104.5	<0.2	<10	140	0.35	1.27	0.27	0.83	23.8	9.3	21
FGL009 05+00W		0.43	0.022	2.15	1.51	197.5	<0.2	<10	130	0.34	3.78	0.20	1.15	25.2	8.7	22
FGL009 05+25W		0.36	0.011	0.48	1.43	171.0	<0.2	<10	70	0.28	1.75	0.17	0.78	24.2	9.3	26
FGL009 05+50W		0.24	0.049	1.17	0.99	104.5	<0.2	<10	80	0.25	0.82	0.12	0.46	9.85	3.7	10
FGL009 05+75W		0.41	0.078	1.75	0.85	137.5	<0.2	<10	80	0.17	1.39	0.13	0.33	7.90	3.6	9
FGL009 06+00W		0.43	0.144	3.29	1.42	212	<0.2	<10	150	0.29	2.32	0.22	0.92	20.3	8.0	18
FGL009 06+25W		0.32	0.094	3.85	1.38	181.5	<0.2	<10	130	0.31	2.62	0.18	1.05	19.55	7.4	16
FGL009 06+50W		0.51	0.008	1.31	1.40	28.6	<0.2	<10	150	0.19	0.87	0.35	0.73	17.65	8.8	23
FGL009 06+75W		0.60	0.008	1.26	1.64	26.0	<0.2	<10	160	0.31	1.10	0.37	0.58	27.3	8.5	28
FGL009 07+00W		0.40	0.015	2.67	1.79	44.2	<0.2	<10	200	0.42	3.07	0.44	0.51	29.6	9.3	32
FGL009 07+25W		0.66	0.013	1.96	1.48	33.2	<0.2	<10	170	0.38	3.20	0.36	0.50	26.4	8.4	27
FGL009 07+50W		0.56	0.014	1.92	1.75	63.9	<0.2	<10	180	0.36	2.55	0.41	0.72	28.6	9.7	33
FGL009 07+75W		0.57	0.040	6.57	2.12	178.0	<0.2	<10	220	0.51	7.76	0.40	1.27	31.0	9.1	42
FGL009 08+00W		0.41	0.047	7.29	1.77	144.0	<0.2	<10	190	0.45	7.13	0.36	0.85	30.9	10.2	34
FGL009 08+25W		0.47	0.023	4.49	1.77	262	<0.2	<10	130	0.35	10.55	0.28	1.00	19.30	7.3	34
FGL009 08+50W		0.42	0.013	0.69	1.61	122.0	<0.2	<10	110	0.31	1.98	0.25	0.71	19.65	10.1	36
FGL009 08+75W		0.54	0.021	0.92	1.72	102.0	<0.2	<10	200	0.35	0.65	0.41	0.29	23.5	11.7	38
FGL009 09+00W		0.63	0.022	0.88	1.94	107.5	<0.2	<10	210	0.55	0.86	0.34	0.38	29.5	10.4	35
FGL009 09+25W		0.40	0.023	1.54	2.05	93.0	<0.2	<10	200	0.41	0.54	0.27	1.49	24.6	11.1	49
FGL009 09+50W		0.32	0.010	0.68	0.66	31.9	<0.2	<10	50	0.14	0.14	0.17	0.36	9.34	5.8	13
FGL009 09+75W		0.31	0.008	0.17	1.58	30.8	<0.2	<10	130	0.33	0.29	0.18	0.31	18.05	6.8	25
FGL009 10+00W		0.37	0.008	1.30	2.19	44.2	<0.2	<10	150	0.62	0.46	0.23	0.35	20.8	8.6	32
FGL009 10+25W		0.48	0.014	1.05	2.06	49.3	<0.2	<10	150	0.45	0.59	0.20	0.56	22.1	9.4	27
FGL009 10+50W		0.50	0.005	0.26	2.17	50.4	<0.2	<10	130	0.49	0.30	0.38	0.63	17.75	10.6	30
FGL009 10+75W		0.37	0.007	0.21	0.32	27.6	<0.2	<10	70	0.06	0.12	0.09	0.29	3.74	1.8	3
FGL009 11+00W		0.32	0.004	0.29	1.37	60.9	<0.2	<10	110	0.29	0.51	0.15	0.78	13.30	7.2	18
FGL009 11+25W		0.44	0.016	2.15	1.15	299	<0.2	<10	90	0.25	2.60	0.16	0.68	12.55	7.6	17
FGL009 11+50W		0.34	0.014	0.47	1.56	190.0	<0.2	<10	220	0.42	0.51	0.15	0.68	18.40	8.1	26
FGL009 11+75W		0.44	0.014	0.66	1.80	260	<0.2	<10	170	0.46	0.58	0.16	0.61	18.60	8.6	25
FGL009 12+00W		0.59	0.035	0.73	1.76	318	<0.2	<10	320	0.55	1.21	0.42	0.49	25.2	8.2	27
FGL009 12+25W		0.32	0.052	0.83	1.36	99.8	<0.2	<10	240	0.59	1.30	0.42	0.22	24.5	7.0	18
FGL009 12+50W		0.39	0.019	0.67	0.70	25.4	<0.2	<10	120	0.19	0.61	0.21	0.16	10.80	3.2	9
FGL009 12+75W		0.54	0.022	0.73	1.48	42.8	<0.2	<10	180	0.29	1.12	0.32	0.25	19.30	8.4	24
FGL009 13+00W		0.53	0.027	0.24	1.66	67.2	<0.2	<10	210	0.50	0.86	0.30	0.17	25.6	9.3	28
FGL009 13+25W		0.41	0.006	0.41	1.23	26.3	<0.2	<10	120	0.30	0.94	0.16	0.22	13.85	5.0	21

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CERTIFICATE OF ANALYSIS WH13156421

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
FGL009 03+50W		2.95	15.1	1.95	4.59	<0.05	<0.02	0.03	0.022	0.09	12.4	10.6	0.53	381	0.54	0.02
FGL009 03+75W		3.90	16.7	2.26	5.16	0.05	<0.02	0.06	0.028	0.11	17.3	12.0	0.55	745	0.75	0.02
FGL009 04+00W		3.91	23.3	2.21	6.35	<0.05	<0.02	0.03	0.043	0.10	16.0	13.1	0.67	429	0.72	0.01
FGL009 04+25W		3.45	23.3	1.84	5.38	<0.05	<0.02	0.04	0.047	0.08	14.1	8.5	0.39	254	0.77	0.02
FGL009 04+50W		3.61	17.3	2.52	6.31	<0.05	0.02	0.02	0.059	0.11	12.4	13.5	0.66	455	1.02	0.01
FGL009 04+75W		2.87	22.7	2.40	5.84	<0.05	0.03	0.02	0.072	0.10	13.1	11.9	0.59	401	1.14	0.01
FGL009 05+00W		3.68	26.1	2.61	5.50	<0.05	<0.02	0.03	0.056	0.11	13.8	11.9	0.47	457	1.48	<0.01
FGL009 05+25W		3.99	17.5	2.44	6.36	<0.05	<0.02	0.01	0.028	0.12	12.0	9.5	0.64	492	1.00	<0.01
FGL009 05+50W		1.76	14.5	1.30	3.56	<0.05	<0.02	0.04	0.014	0.05	4.9	4.6	0.14	228	0.51	0.02
FGL009 05+75W		1.85	11.2	1.09	3.00	<0.05	<0.02	0.03	0.016	0.05	3.5	3.8	0.13	387	0.36	0.03
FGL009 06+00W		6.61	32.8	2.01	4.53	<0.05	<0.02	0.08	0.040	0.08	11.7	7.5	0.34	959	0.64	0.02
FGL009 06+25W		5.34	28.5	1.91	4.24	<0.05	<0.02	0.06	0.043	0.09	9.5	7.1	0.34	937	0.75	0.02
FGL009 06+50W		2.82	22.8	2.18	5.36	<0.05	<0.02	0.03	0.036	0.08	9.3	9.7	0.59	564	0.73	0.01
FGL009 06+75W		4.24	28.6	2.33	6.09	0.05	0.02	0.03	0.043	0.12	15.0	13.2	0.71	428	0.71	0.01
FGL009 07+00W		3.60	39.3	2.51	5.80	0.05	0.02	0.04	0.053	0.09	16.7	13.3	0.64	500	0.73	0.01
FGL009 07+25W		4.44	36.6	2.43	5.49	<0.05	0.03	0.03	0.052	0.11	14.9	10.4	0.57	462	0.74	0.01
FGL009 07+50W		3.27	49.6	2.51	6.07	0.06	0.03	0.03	0.056	0.11	15.7	13.9	0.71	502	0.75	0.01
FGL009 07+75W		4.41	78.1	2.88	6.51	0.06	0.02	0.05	0.082	0.16	17.8	14.2	0.72	461	1.27	0.01
FGL009 08+00W		4.79	84.3	2.53	5.78	0.06	<0.02	0.06	0.054	0.14	19.0	10.9	0.53	728	1.85	0.01
FGL009 08+25W		3.74	41.8	2.97	6.72	<0.05	0.03	0.03	0.068	0.14	10.2	13.2	0.58	369	1.19	0.01
FGL009 08+50W		3.62	34.5	2.70	5.97	<0.05	0.02	0.02	0.034	0.13	10.1	12.9	0.63	632	0.90	0.01
FGL009 08+75W		4.15	47.7	2.69	5.89	0.05	0.02	0.03	0.035	0.14	12.5	14.7	0.81	538	0.71	0.01
FGL009 09+00W		4.11	48.2	2.87	6.61	<0.05	0.02	0.04	0.034	0.13	16.6	17.9	0.70	456	0.96	0.01
FGL009 09+25W		3.48	27.3	3.00	7.13	<0.05	0.02	0.02	0.052	0.18	12.4	14.3	0.78	748	1.11	0.01
FGL009 09+50W		1.25	10.9	1.78	3.62	<0.05	<0.02	0.02	0.009	0.06	4.2	3.1	0.16	233	0.42	0.02
FGL009 09+75W		1.35	21.8	2.23	6.14	<0.05	<0.02	0.01	0.021	0.06	8.9	10.8	0.32	220	0.91	0.01
FGL009 10+00W		2.30	21.8	2.76	7.07	<0.05	0.03	0.04	0.026	0.09	10.8	13.2	0.48	315	0.98	0.01
FGL009 10+25W		2.15	16.5	2.60	5.79	<0.05	0.03	0.03	0.026	0.10	11.1	15.1	0.54	501	0.69	0.01
FGL009 10+50W		4.11	17.6	3.21	6.93	0.05	0.04	0.02	0.025	0.19	8.9	20.5	0.87	493	0.67	0.01
FGL009 10+75W		0.63	9.0	0.58	1.38	<0.05	<0.02	0.02	0.005	0.03	1.8	0.9	0.04	77	0.20	0.03
FGL009 11+00W		1.83	29.9	2.10	4.71	<0.05	0.02	0.01	0.021	0.05	6.8	11.1	0.32	280	0.77	0.02
FGL009 11+25W		1.43	25.3	2.09	4.85	<0.05	<0.02	0.02	0.026	0.05	6.6	6.8	0.24	752	0.70	0.02
FGL009 11+50W		1.71	21.2	2.57	6.65	<0.05	0.02	<0.01	0.023	0.06	9.3	12.5	0.41	337	1.47	0.01
FGL009 11+75W		1.79	29.7	2.58	6.32	<0.05	<0.02	0.01	0.028	0.06	9.4	14.8	0.35	252	1.06	0.02
FGL009 12+00W		3.11	41.4	2.39	5.42	0.06	0.02	0.02	0.029	0.09	14.0	12.3	0.53	374	0.82	0.03
FGL009 12+25W		5.19	42.5	2.01	4.32	0.05	0.02	0.06	0.024	0.07	13.6	9.9	0.35	412	1.03	0.03
FGL009 12+50W		2.76	17.6	1.20	2.58	<0.05	<0.02	0.02	0.017	0.05	5.6	3.5	0.16	164	0.35	0.03
FGL009 12+75W		3.55	26.0	2.41	5.24	0.05	<0.02	0.02	0.032	0.10	10.1	9.3	0.53	474	1.31	0.02
FGL009 13+00W		3.08	29.2	2.81	5.41	0.05	<0.02	0.01	0.026	0.11	12.8	11.7	0.55	423	1.50	0.02
FGL009 13+25W		1.71	17.5	1.93	4.77	<0.05	<0.02	0.01	0.017	0.06	7.0	8.3	0.30	200	1.40	0.02

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

ALS Canada Ltd.
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 19- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- RA- TELOEX

CERTIFICATE OF ANALYSIS WH13156421

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
FGL009 03+50W		0.82	10.7	360	23.6	14.2	<0.001	0.01	3.30	3.6	0.4	0.4	18.6	<0.01	0.03	2.7
FGL009 03+75W		0.74	12.3	580	34.4	19.8	<0.001	0.03	4.61	4.4	0.7	0.4	24.8	<0.01	0.04	2.3
FGL009 04+00W		1.20	13.2	350	32.7	25.1	<0.001	0.01	4.07	4.4	0.5	0.5	26.9	<0.01	0.04	4.0
FGL009 04+25W		0.80	10.3	420	56.0	18.1	<0.001	0.01	3.53	3.2	0.6	0.6	22.7	<0.01	0.04	1.8
FGL009 04+50W		1.43	13.5	310	70.2	21.5	<0.001	0.01	6.35	3.8	0.4	0.8	21.4	<0.01	0.04	4.7
FGL009 04+75W		1.37	12.1	250	114.0	18.8	<0.001	0.01	7.24	3.4	0.4	0.8	22.3	<0.01	0.06	4.5
FGL009 05+00W		1.16	13.3	320	181.5	23.9	<0.001	0.02	18.80	3.2	0.3	1.5	20.2	<0.01	0.11	3.7
FGL009 05+25W		1.08	15.4	250	63.8	23.2	<0.001	0.01	28.2	3.0	0.3	0.8	15.0	<0.01	0.06	4.4
FGL009 05+50W		0.64	5.7	290	38.2	10.8	<0.001	0.01	14.00	1.4	0.2	0.3	11.6	<0.01	0.03	1.1
FGL009 05+75W		0.46	4.8	250	59.3	9.9	<0.001	0.01	11.80	1.5	<0.2	0.3	12.0	<0.01	0.02	0.9
FGL009 06+00W		0.58	11.5	460	108.5	17.0	<0.001	0.02	26.0	4.0	0.4	0.5	19.9	<0.01	0.03	1.6
FGL009 06+25W		0.65	10.6	370	119.5	15.6	<0.001	0.01	9.34	3.1	0.5	0.5	17.9	<0.01	0.05	1.5
FGL009 06+50W		1.12	12.4	440	93.7	18.2	<0.001	0.01	2.37	3.2	0.4	0.5	25.5	<0.01	0.04	1.9
FGL009 06+75W		1.37	16.6	520	91.0	24.5	<0.001	0.01	2.76	5.0	0.6	0.6	26.9	<0.01	0.05	3.8
FGL009 07+00W		1.16	18.4	520	117.5	17.0	<0.001	0.02	2.99	5.1	0.7	0.6	30.3	<0.01	0.06	2.9
FGL009 07+25W		1.05	15.5	480	101.5	19.6	<0.001	0.01	3.00	5.0	0.6	0.6	24.8	<0.01	0.07	3.5
FGL009 07+50W		1.29	19.0	470	93.6	19.3	<0.001	0.01	4.08	5.5	0.8	0.6	28.7	<0.01	0.05	3.7
FGL009 07+75W		1.07	24.3	570	198.0	25.3	<0.001	0.02	4.74	6.4	0.6	1.0	28.7	<0.01	0.11	3.2
FGL009 08+00W		0.95	20.3	560	153.0	25.3	<0.001	0.02	4.82	5.2	0.9	0.8	29.2	<0.01	0.12	3.4
FGL009 08+25W		1.36	19.2	430	195.0	24.4	<0.001	0.04	5.52	3.9	0.5	1.1	25.1	<0.01	0.11	2.9
FGL009 08+50W		1.29	20.8	420	56.3	23.2	<0.001	0.01	4.04	3.8	0.3	0.5	19.7	<0.01	0.06	2.6
FGL009 08+75W		1.26	20.5	570	58.6	22.6	<0.001	0.02	4.53	5.6	0.9	0.5	26.9	<0.01	0.05	2.6
FGL009 09+00W		1.26	20.0	430	53.7	23.1	<0.001	0.01	5.20	5.9	0.5	0.6	25.1	<0.01	0.07	2.5
FGL009 09+25W		1.62	25.4	440	188.0	25.6	<0.001	0.01	3.94	5.1	0.7	0.6	26.2	<0.01	0.07	2.6
FGL009 09+50W		0.42	6.7	570	54.3	8.3	<0.001	0.01	0.94	1.3	<0.2	0.2	14.9	<0.01	0.03	0.2
FGL009 09+75W		1.37	12.5	370	10.7	13.5	<0.001	0.01	0.65	2.2	0.5	0.6	21.1	<0.01	0.07	0.7
FGL009 10+00W		1.62	16.3	370	25.8	18.6	<0.001	0.01	1.38	4.0	0.3	0.7	23.5	<0.01	0.04	3.2
FGL009 10+25W		1.64	17.8	500	32.3	16.4	<0.001	0.01	2.29	3.3	0.4	0.6	19.4	<0.01	0.09	3.6
FGL009 10+50W		1.53	16.8	1040	19.2	27.0	<0.001	0.01	3.58	4.2	0.4	0.6	34.0	<0.01	0.05	2.3
FGL009 10+75W		0.13	2.2	320	5.3	4.1	<0.001	0.01	0.88	0.2	0.2	<0.2	13.0	<0.01	0.03	<0.2
FGL009 11+00W		1.19	12.8	210	10.7	8.2	<0.001	0.01	1.08	2.4	0.2	0.4	19.6	<0.01	0.03	1.4
FGL009 11+25W		0.76	8.9	380	28.2	12.0	<0.001	0.01	1.94	1.9	0.2	0.5	17.8	<0.01	0.05	0.6
FGL009 11+50W		1.40	13.4	300	19.7	14.4	<0.001	0.01	4.57	2.8	0.2	0.6	15.4	<0.01	0.07	2.3
FGL009 11+75W		1.41	14.5	300	17.5	12.4	<0.001	0.01	3.14	2.9	0.3	0.6	18.4	<0.01	0.08	1.8
FGL009 12+00W		1.01	18.3	610	31.4	15.1	<0.001	0.02	7.16	4.7	0.7	0.5	33.1	<0.01	0.13	2.7
FGL009 12+25W		0.71	14.2	590	14.1	14.1	<0.001	0.03	32.0	4.3	0.6	0.5	31.5	<0.01	0.10	2.3
FGL009 12+50W		0.31	5.8	560	10.7	9.1	<0.001	0.02	2.16	1.9	0.3	0.3	18.0	<0.01	0.04	0.6
FGL009 12+75W		0.95	12.3	560	21.7	20.7	<0.001	0.03	5.04	3.9	0.4	0.8	30.8	<0.01	0.13	1.8
FGL009 13+00W		1.01	15.4	700	15.5	16.5	<0.001	0.08	5.53	3.8	0.5	0.5	35.0	<0.01	0.14	2.5
FGL009 13+25W		0.80	10.0	370	12.7	15.5	<0.001	0.02	1.49	1.7	0.2	0.5	18.9	<0.01	0.06	0.5

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

ALS Canada Ltd.
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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 19- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- RA- TELOEX

CERTIFICATE OF ANALYSIS WH13156421

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
FGL009 03+50W		0.071	0.16	0.90	45	0.19	5.16	92	<0.5
FGL009 03+75W		0.067	0.21	1.20	51	0.27	8.47	130	<0.5
FGL009 04+00W		0.091	0.19	0.99	50	0.21	6.93	126	0.6
FGL009 04+25W		0.056	0.18	0.92	40	0.21	6.27	118	<0.5
FGL009 04+50W		0.098	0.22	0.64	55	0.24	4.19	171	1.0
FGL009 04+75W		0.090	0.21	0.74	51	0.44	4.33	163	1.1
FGL009 05+00W		0.069	0.27	0.68	48	0.30	3.84	219	0.5
FGL009 05+25W		0.071	0.26	0.63	51	0.54	3.66	159	<0.5
FGL009 05+50W		0.042	0.16	0.39	31	0.13	1.79	66	<0.5
FGL009 05+75W		0.036	0.19	0.33	26	0.10	1.57	77	<0.5
FGL009 06+00W		0.050	0.30	0.86	41	0.15	6.49	212	<0.5
FGL009 06+25W		0.043	0.30	0.70	34	0.16	4.43	207	<0.5
FGL009 06+50W		0.089	0.21	0.58	52	0.14	3.90	151	<0.5
FGL009 06+75W		0.099	0.29	0.91	51	0.17	6.29	182	0.8
FGL009 07+00W		0.082	0.28	1.05	54	0.21	9.42	193	0.7
FGL009 07+25W		0.085	0.28	0.91	54	0.33	7.37	189	1.1
FGL009 07+50W		0.097	0.29	0.91	54	0.23	9.05	234	1.1
FGL009 07+75W		0.078	0.32	1.26	59	0.28	11.30	314	0.7
FGL009 08+00W		0.065	0.33	1.37	52	0.20	12.00	231	<0.5
FGL009 08+25W		0.080	0.29	0.55	65	0.24	3.91	220	0.9
FGL009 08+50W		0.099	0.26	0.47	63	0.22	4.08	132	0.9
FGL009 08+75W		0.107	0.28	0.81	64	0.18	7.69	118	1.0
FGL009 09+00W		0.101	0.30	1.02	66	0.22	12.30	112	0.7
FGL009 09+25W		0.119	0.31	0.63	75	0.29	6.06	281	0.9
FGL009 09+50W		0.085	0.08	0.24	59	0.07	2.54	60	<0.5
FGL009 09+75W		0.079	0.12	0.46	56	0.19	2.83	51	<0.5
FGL009 10+00W		0.097	0.21	0.63	66	0.20	3.80	74	1.3
FGL009 10+25W		0.088	0.21	0.45	57	0.24	3.88	122	1.2
FGL009 10+50W		0.135	0.41	0.38	76	0.27	4.22	125	1.4
FGL009 10+75W		0.023	0.05	0.18	17	<0.05	0.91	19	<0.5
FGL009 11+00W		0.068	0.11	0.31	50	0.19	2.17	72	0.9
FGL009 11+25W		0.062	0.14	0.39	52	0.18	2.59	95	<0.5
FGL009 11+50W		0.077	0.24	0.62	63	0.24	2.75	81	1.0
FGL009 11+75W		0.071	0.21	0.63	60	0.25	3.71	77	0.6
FGL009 12+00W		0.067	0.27	2.41	51	0.28	10.95	105	0.9
FGL009 12+25W		0.046	0.34	2.03	42	0.21	10.55	68	0.6
FGL009 12+50W		0.039	0.21	0.58	31	0.12	3.50	35	<0.5
FGL009 12+75W		0.074	0.34	0.63	50	0.21	4.56	67	<0.5
FGL009 13+00W		0.076	0.37	0.95	57	0.29	5.03	62	<0.5
FGL009 13+25W		0.063	0.14	0.41	50	0.18	2.30	37	<0.5

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44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 19- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- RA- TELOEX

CERTIFICATE OF ANALYSIS WH13156421

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- TL44 Au ppm 0.001	ME- MS41 Ag ppm 0.01	ME- MS41 Al % 0.01	ME- MS41 As ppm 0.1	ME- MS41 Au ppm 0.2	ME- MS41 B ppm 10	ME- MS41 Ba ppm 10	ME- MS41 Be ppm 0.05	ME- MS41 Bi ppm 0.01	ME- MS41 Ca % 0.01	ME- MS41 Cd ppm 0.01	ME- MS41 Ce ppm 0.02	ME- MS41 Co ppm 0.1	ME- MS41 Cr ppm 1
FGL009 13+50W		0.31	0.005	0.56	1.10	34.4	<0.2	<10	120	0.27	3.55	0.14	0.24	8.92	6.4	19
FGL009 13+75W		0.27	0.005	0.72	0.54	8.1	<0.2	<10	50	0.16	1.22	0.12	0.14	8.31	4.2	7
FGL009 14+00W		0.43	0.006	0.34	0.56	7.6	<0.2	<10	60	0.14	0.57	0.07	0.05	5.14	2.3	6
FGL009 14+25W		0.47	0.006	0.23	0.43	4.0	<0.2	<10	50	0.09	0.27	0.11	0.03	4.61	2.4	5
FGL009 14+50W		0.34	0.003	0.41	0.59	5.3	<0.2	<10	80	0.12	0.34	0.08	0.06	4.81	2.5	7
FGL009 14+75W		0.65	0.003	0.37	1.72	10.4	<0.2	<10	230	0.33	0.62	0.30	0.17	20.7	7.8	28
FGL009 15+00W		0.47	0.002	0.46	1.34	9.1	<0.2	<10	200	0.37	0.70	0.25	0.24	18.45	7.0	21
FGL009 15+25W		0.40	0.002	0.21	1.70	11.0	<0.2	<10	200	0.37	0.68	0.23	0.14	17.85	12.1	24
FGL009 15+50W		0.42	0.001	0.16	1.11	5.0	<0.2	<10	110	0.24	0.21	0.15	0.07	12.80	4.9	15
FGL009 15+75W		0.43	0.001	0.19	1.36	6.2	<0.2	<10	160	0.35	0.52	0.24	0.09	17.65	8.7	23
FGL009 16+00W		0.32	0.001	0.34	0.51	1.6	<0.2	<10	80	0.09	0.13	0.24	0.07	6.34	3.1	6

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

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

To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 19- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- RA- TELOEX

CERTIFICATE OF ANALYSIS WH13156421

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
FGL009 13+50W		3.26	27.8	1.83	4.58	<0.05	<0.02	0.01	0.014	0.09	4.9	4.4	0.24	366	2.35	0.03
FGL009 13+75W		1.11	12.9	1.20	2.76	<0.05	<0.02	<0.01	0.008	0.04	4.3	2.1	0.10	198	0.58	0.03
FGL009 14+00W		1.48	13.0	0.80	2.25	<0.05	<0.02	0.01	0.008	0.04	2.7	2.2	0.08	66	0.52	0.04
FGL009 14+25W		0.72	6.9	0.90	1.85	<0.05	<0.02	<0.01	0.005	0.03	2.1	1.4	0.07	65	0.26	0.03
FGL009 14+50W		1.83	7.4	0.91	2.33	<0.05	<0.02	0.01	0.007	0.05	2.7	2.3	0.11	129	0.41	0.03
FGL009 14+75W		2.16	28.7	2.39	6.26	0.05	<0.02	0.02	0.022	0.09	11.5	11.8	0.60	337	1.24	0.02
FGL009 15+00W		2.34	29.6	2.08	5.32	<0.05	<0.02	0.01	0.019	0.06	9.0	7.9	0.32	546	1.01	0.02
FGL009 15+25W		2.66	19.5	2.56	6.50	<0.05	0.02	<0.01	0.023	0.13	8.1	10.6	0.45	883	1.13	0.02
FGL009 15+50W		1.39	10.0	1.69	4.12	<0.05	<0.02	<0.01	0.013	0.10	6.1	7.1	0.30	250	0.50	0.02
FGL009 15+75W		4.19	18.7	2.50	5.50	<0.05	0.02	<0.01	0.019	0.31	8.5	7.7	0.58	610	0.94	0.02
FGL009 16+00W		0.51	8.9	1.15	2.31	<0.05	<0.02	<0.01	0.005	0.04	3.1	1.7	0.08	149	0.19	0.03

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

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Project: ALSM- CW13- 042- RA- TELOEX

CERTIFICATE OF ANALYSIS WH13156421

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
FGL009 13+50W		0.58	9.2	460	12.0	27.1	<0.001	0.03	2.61	1.7	0.2	0.4	20.7	<0.01	0.09	0.4
FGL009 13+75W		0.35	3.7	420	7.6	6.8	<0.001	0.02	1.30	0.7	<0.2	0.2	13.7	<0.01	0.04	0.3
FGL009 14+00W		0.23	3.7	300	3.0	6.5	<0.001	0.01	0.78	0.7	<0.2	0.2	10.0	<0.01	0.03	<0.2
FGL009 14+25W		0.24	2.8	390	1.5	3.9	<0.001	0.01	0.50	0.7	<0.2	<0.2	9.8	<0.01	0.02	0.3
FGL009 14+50W		0.29	3.8	260	2.1	9.0	<0.001	0.01	0.54	0.8	<0.2	0.2	11.1	<0.01	0.02	<0.2
FGL009 14+75W		1.18	15.7	650	8.0	15.6	<0.001	0.01	0.57	3.7	0.4	0.6	24.5	<0.01	0.04	1.2
FGL009 15+00W		1.16	11.9	340	11.5	21.7	<0.001	0.01	0.59	2.5	0.3	0.5	26.1	<0.01	0.03	1.7
FGL009 15+25W		1.52	12.6	270	9.3	31.4	<0.001	0.01	0.73	3.0	0.2	0.7	24.6	<0.01	0.04	2.1
FGL009 15+50W		0.86	8.8	220	5.1	16.7	<0.001	0.01	0.40	2.0	<0.2	0.4	17.0	<0.01	0.02	1.2
FGL009 15+75W		1.02	11.3	310	7.3	33.2	<0.001	0.01	1.32	3.7	<0.2	0.6	22.4	<0.01	0.08	2.9
FGL009 16+00W		0.27	3.8	520	1.8	3.3	<0.001	<0.01	0.15	0.8	<0.2	<0.2	17.6	<0.01	0.02	0.3

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Finalized Date: 19- SEP- 2013
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Project: ALSM- CW13- 042- RA- TELOEX

CERTIFICATE OF ANALYSIS WH13156421

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
FGL009 13+ 50W		0.053	0.18	0.62	48	0.18	2.06	44	<0.5
FGL009 13+ 75W		0.051	0.08	0.42	35	0.11	1.57	20	<0.5
FGL009 14+ 00W		0.032	0.09	0.54	22	0.08	1.78	13	<0.5
FGL009 14+ 25W		0.042	0.05	0.26	28	0.05	1.08	13	<0.5
FGL009 14+ 50W		0.033	0.08	0.32	25	0.08	1.49	16	<0.5
FGL009 14+ 75W		0.092	0.19	0.81	62	0.24	5.01	51	<0.5
FGL009 15+ 00W		0.073	0.13	0.50	53	0.22	3.92	34	0.5
FGL009 15+ 25W		0.092	0.18	0.44	58	0.23	2.82	41	0.9
FGL009 15+ 50W		0.070	0.10	0.38	43	0.19	2.01	27	<0.5
FGL009 15+ 75W		0.090	0.24	0.48	62	0.22	2.95	42	0.8
FGL009 16+ 00W		0.054	0.03	0.15	38	0.05	2.08	16	<0.5

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Finalized Date: 19- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- RA- TELOEX

CERTIFICATE OF ANALYSIS WH13156421

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: Gold determinations by this method are semi- quantitative due to the small sample weight used (0.5g).
ME- MS41

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
LOG- 22 SCR- 41 WEI- 21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- TL44 ME- MS41

ALS Canada Ltd.
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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
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CRANBROOK BC V1C 2R7

Finalized Date: 15- SEP- 2013
Account: TELOEX

CERTIFICATE WH13156422

Project: ALSM- CW13- 042- TELOEX

P.O. No.: FG13- 003

This report is for 187 Soil samples submitted to our lab in Whitehorse, YT, Canada on 27- AUG- 2013.

The following have access to data associated with this certificate:

JESSE CAMPBELL MIKE MCCUAIG	CHRIS GALLAGHER	GRAEME HOPKINS

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SCR- 41	Screen to - 180um and save both

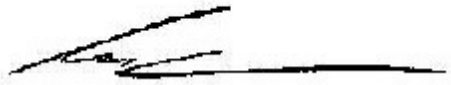
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- TL44	Trace Level Au - 50 g AR	ICP- MS
ME- MS41	51 anal. aqua regia ICPMS	

To: **TERRALOGIC EXPLORATION SERVICES INC.**
ATTN: CHRIS GALLAGHER
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

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

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Project: ALSM- CW13- 042- TELOEX

CERTIFICATE OF ANALYSIS WH13156422

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- TL44 Au ppm 0.001	ME- MS41 Ag ppm 0.01	ME- MS41 Al % 0.01	ME- MS41 As ppm 0.1	ME- MS41 Au ppm 0.2	ME- MS41 B ppm 10	ME- MS41 Ba ppm 10	ME- MS41 Be ppm 0.05	ME- MS41 Bi ppm 0.01	ME- MS41 Ca % 0.01	ME- MS41 Cd ppm 0.01	ME- MS41 Ce ppm 0.02	ME- MS41 Co ppm 0.1	ME- MS41 Cr ppm 1
FGL010 00+00		0.61	0.015	1.39	1.80	83.0	<0.2	<10	240	0.46	1.00	0.45	0.38	28.8	10.6	39
FGL010 00+25W		0.64	0.023	1.80	1.78	73.1	<0.2	<10	200	0.40	0.67	0.45	0.33	26.0	9.6	43
FGL010 00+50W		0.54	0.020	1.00	2.22	131.5	<0.2	<10	140	0.37	0.44	0.28	0.34	21.4	11.5	51
FGL010 00+75W		0.36	0.014	0.76	2.65	130.5	<0.2	<10	200	0.55	0.67	0.29	0.74	24.3	21.3	56
FGL010 01+00W		0.33	0.006	0.51	2.21	53.4	<0.2	<10	160	0.38	0.42	0.27	0.34	16.40	9.4	32
FGL010 01+25W		0.44	0.004	0.41	1.34	24.9	<0.2	<10	90	0.25	0.38	0.17	0.38	11.75	7.0	20
FGL010 01+50W		0.37	0.004	0.25	1.52	30.5	<0.2	<10	140	0.30	0.42	0.20	0.50	22.1	6.2	23
FGL010 01+75W		0.40	0.005	0.24	1.71	38.3	<0.2	<10	140	0.44	0.40	0.23	0.21	19.80	9.3	25
FGL010 02+00W		0.40	0.002	0.20	0.61	11.8	<0.2	<10	50	0.18	0.21	0.13	0.24	8.84	4.7	8
FGL010 02+25W		0.34	0.014	0.74	0.78	80.3	<0.2	<10	100	0.26	1.28	0.13	1.07	13.80	4.7	13
FGL010 02+50W		0.37	0.007	0.77	1.82	136.0	<0.2	<10	240	0.45	0.83	0.16	0.78	18.75	12.5	30
FGL010 02+75W		0.41	0.015	1.73	2.45	242	<0.2	<10	120	0.80	1.04	0.15	1.46	26.3	12.0	56
FGL010 03+00W		0.35	0.017	1.03	2.27	437	<0.2	<10	150	0.96	1.79	0.13	1.53	25.9	13.6	36
FGL010 03+25W		0.39	0.020	0.25	2.12	444	<0.2	<10	140	0.73	5.84	0.11	0.74	21.5	7.7	33
FGL010 03+50W		0.36	0.072	0.37	1.40	71.0	<0.2	<10	120	0.41	1.14	0.18	0.31	19.30	6.7	18
FGL010 03+75W		0.28	0.009	0.55	1.09	65.2	<0.2	<10	110	0.29	0.70	0.09	0.42	11.00	4.2	11
FGL010 04+00W		0.37	0.022	0.76	1.34	71.3	<0.2	<10	220	0.37	0.73	0.24	0.17	17.05	5.9	15
FGL010 04+25W		0.45	0.013	0.35	1.46	39.0	<0.2	<10	180	0.33	0.49	0.35	0.09	19.35	7.8	21
FGL010 04+50W		0.40	0.018	0.62	1.07	26.1	<0.2	<10	140	0.43	0.52	0.17	0.18	13.35	4.4	12
FGL010 04+75W		0.43	0.010	0.41	0.93	28.0	<0.2	<10	110	0.24	1.82	0.15	0.16	15.30	4.8	15
FGL010 05+00W		0.49	0.017	1.02	1.95	44.9	<0.2	<10	200	0.53	10.65	0.25	0.19	22.4	8.9	34
FGL010 05+25W		0.35	0.004	0.31	0.73	11.3	<0.2	<10	110	0.21	0.92	0.14	0.23	13.90	4.4	10
FGL010 05+50W		0.42	0.007	0.27	1.31	27.8	<0.2	<10	120	0.27	1.63	0.18	0.15	16.65	7.1	20
FGL010 05+75W		0.17	0.006	0.71	1.24	19.2	<0.2	<10	240	0.39	0.87	0.22	0.25	19.80	6.9	20
FGL010 06+00W		0.46	0.008	0.30	1.66	26.7	<0.2	<10	180	0.41	1.58	0.20	0.28	19.05	8.5	25
FGL010 06+25W		0.38	0.009	0.44	1.44	17.8	<0.2	<10	280	0.59	1.42	0.22	0.28	27.7	8.9	19
FGL010 06+50W		0.47	0.004	0.33	1.26	9.8	<0.2	<10	220	0.36	0.64	0.19	0.17	16.55	5.8	16
FGL010 06+75W		0.61	0.003	0.17	1.75	15.2	<0.2	<10	200	0.49	0.71	0.22	0.17	24.9	10.2	26
FGL010 07+00W		0.55	0.003	0.17	1.66	16.4	<0.2	<10	140	0.36	0.79	0.16	0.18	17.50	8.9	26
FGL010 07+25W		0.36	0.003	0.35	1.03	6.4	<0.2	<10	140	0.31	0.55	0.16	0.10	14.05	7.1	15
FGL010 07+50W		0.39	0.001	0.13	1.04	7.6	<0.2	<10	130	0.25	0.68	0.14	0.06	15.25	5.4	17
FGL010 07+75W		0.48	0.002	0.16	1.69	11.3	<0.2	<10	170	0.40	0.48	0.19	0.09	19.20	8.2	26
FGL010 08+00W		0.74	0.003	0.29	1.70	11.5	<0.2	<10	160	0.49	0.80	0.24	0.08	22.0	9.1	29
FGL011 00+00		0.43	0.033	1.36	1.11	206	<0.2	<10	390	0.59	1.47	0.45	0.57	24.7	9.7	19
FGL011 00+25E		0.34	0.096	2.34	1.77	885	<0.2	<10	290	0.44	2.73	0.23	1.09	26.8	9.9	32
FGL011 00+50E		0.61	0.081	2.93	1.68	486	<0.2	<10	140	0.43	7.28	0.25	0.71	18.85	11.2	25
FGL011 00+75E		0.47	0.023	0.63	2.27	257	<0.2	<10	160	0.55	3.23	0.19	0.77	19.95	10.7	31
FGL011 01+00E		0.30	0.008	0.59	1.66	96.7	<0.2	<10	130	0.38	2.23	0.15	2.47	16.45	10.3	20
FGL011 01+25E		0.37	0.010	0.49	1.83	90.7	<0.2	<10	130	0.42	1.06	0.22	1.37	20.0	12.0	22
FGL011 01+50E		0.36	0.014	0.29	2.10	66.0	<0.2	<10	120	0.57	0.45	0.22	0.39	20.1	12.2	40

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Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
FGL010 00+00		4.37	42.1	2.70	6.53	0.08	0.02	0.04	0.038	0.15	15.5	14.1	0.81	558	0.84	0.02
FGL010 00+25W		5.24	35.2	2.83	6.65	0.07	0.02	0.05	0.036	0.25	14.5	14.7	0.79	632	1.01	0.02
FGL010 00+50W		4.06	23.3	3.27	6.98	0.06	0.03	0.02	0.033	0.24	11.0	20.6	0.86	479	1.20	0.01
FGL010 00+75W		7.51	34.3	3.92	9.42	0.07	0.03	0.02	0.036	0.43	11.8	20.4	1.10	1160	1.76	0.01
FGL010 01+00W		6.89	21.2	3.37	7.77	0.06	0.02	0.02	0.023	0.32	7.6	17.5	0.94	428	1.07	0.02
FGL010 01+25W		1.98	11.9	2.11	4.87	<0.05	<0.02	0.02	0.018	0.09	5.8	10.8	0.37	364	0.68	0.02
FGL010 01+50W		2.19	21.1	2.26	7.13	<0.05	<0.02	0.01	0.025	0.07	10.9	10.1	0.37	244	1.13	0.02
FGL010 01+75W		2.19	17.0	2.49	5.83	<0.05	0.02	0.02	0.028	0.07	10.3	15.0	0.46	292	1.07	0.01
FGL010 02+00W		1.12	18.2	1.21	3.23	<0.05	<0.02	0.01	0.009	0.05	4.7	3.4	0.14	224	0.44	0.03
FGL010 02+25W		3.19	32.1	1.46	5.00	<0.05	<0.02	0.01	0.018	0.05	7.2	3.0	0.13	223	0.79	0.01
FGL010 02+50W		3.92	27.6	2.33	6.91	<0.05	0.05	0.01	0.029	0.07	9.4	9.9	0.39	517	1.15	0.02
FGL010 02+75W		3.50	41.2	3.08	8.01	<0.05	0.08	0.02	0.041	0.14	13.1	18.7	0.63	227	3.99	0.01
FGL010 03+00W		4.54	59.0	3.20	7.25	0.05	0.04	0.03	0.059	0.12	12.6	15.8	0.55	279	2.91	0.02
FGL010 03+25W		4.95	38.0	2.84	8.37	<0.05	0.03	0.01	0.024	0.14	11.1	17.9	0.58	212	1.77	0.01
FGL010 03+50W		2.17	25.3	2.01	5.94	<0.05	<0.02	0.01	0.021	0.07	9.6	9.7	0.30	236	0.98	0.02
FGL010 03+75W		2.80	15.4	1.44	5.07	<0.05	<0.02	0.01	0.019	0.06	5.8	5.3	0.20	138	0.71	0.02
FGL010 04+00W		3.96	18.4	1.98	4.81	<0.05	<0.02	0.01	0.019	0.08	8.1	8.1	0.38	356	0.54	0.03
FGL010 04+25W		4.22	18.6	2.33	6.20	0.05	0.02	0.01	0.022	0.07	9.9	12.9	0.54	419	0.80	0.02
FGL010 04+50W		2.19	30.9	1.13	3.72	<0.05	<0.02	0.03	0.020	0.06	7.1	4.2	0.15	126	0.65	0.03
FGL010 04+75W		1.83	18.0	1.52	4.61	<0.05	<0.02	0.01	0.020	0.06	8.2	6.0	0.23	217	1.05	0.02
FGL010 05+00W		4.05	32.7	2.90	6.72	<0.05	0.02	0.01	0.037	0.12	12.1	16.6	0.58	355	1.66	0.02
FGL010 05+25W		1.32	12.7	1.38	4.69	<0.05	<0.02	<0.01	0.011	0.05	7.1	3.6	0.11	305	0.88	0.01
FGL010 05+50W		2.78	17.3	2.35	5.62	<0.05	<0.02	0.01	0.020	0.07	8.7	8.8	0.33	306	1.43	0.02
FGL010 05+75W		3.28	34.5	1.94	6.56	<0.05	<0.02	0.02	0.021	0.06	10.3	7.3	0.29	270	1.42	0.02
FGL010 06+00W		3.01	23.5	2.37	6.64	<0.05	<0.02	0.01	0.025	0.10	9.4	11.2	0.43	376	1.48	0.02
FGL010 06+25W		2.91	35.3	1.97	4.92	<0.05	<0.02	0.02	0.018	0.10	13.2	7.6	0.31	563	1.43	0.03
FGL010 06+50W		1.48	21.0	1.73	4.44	<0.05	<0.02	0.01	0.015	0.08	8.6	7.3	0.28	234	0.86	0.03
FGL010 06+75W		3.13	23.4	2.62	6.85	<0.05	0.03	<0.01	0.031	0.13	12.8	16.1	0.53	386	1.33	0.01
FGL010 07+00W		2.22	18.7	2.42	6.12	0.05	0.02	0.01	0.023	0.14	9.0	14.3	0.50	341	1.24	0.02
FGL010 07+25W		1.54	18.7	1.58	4.18	<0.05	<0.02	<0.01	0.015	0.11	7.3	8.8	0.29	321	0.73	0.02
FGL010 07+50W		0.81	11.5	1.66	3.95	<0.05	0.04	0.02	0.016	0.07	7.8	8.6	0.28	171	0.75	0.01
FGL010 07+75W		1.38	22.4	2.32	5.47	<0.05	0.03	0.01	0.020	0.09	9.4	13.0	0.51	207	0.76	0.01
FGL010 08+00W		1.74	21.8	2.45	5.40	<0.05	0.04	0.02	0.025	0.10	10.3	11.5	0.57	319	0.86	0.02
FGL011 00+00		1.88	59.3	1.90	3.87	<0.05	0.02	0.08	0.025	0.05	12.5	6.2	0.27	530	1.15	0.02
FGL011 00+25E		4.56	42.3	2.76	6.88	<0.05	<0.02	0.03	0.035	0.14	14.7	10.9	0.48	342	2.20	0.02
FGL011 00+50E		2.60	51.5	2.67	6.20	<0.05	<0.02	0.02	0.051	0.09	9.4	10.6	0.44	499	1.08	0.02
FGL011 00+75E		2.57	37.9	2.87	7.68	<0.05	0.05	0.02	0.050	0.07	9.8	16.7	0.50	307	1.17	0.02
FGL011 01+00E		2.58	31.2	2.45	6.19	<0.05	0.02	0.01	0.063	0.09	8.6	10.9	0.40	710	0.93	0.02
FGL011 01+25E		3.94	32.0	2.71	8.49	<0.05	0.02	0.01	0.028	0.11	10.0	14.4	0.50	584	1.18	0.01
FGL011 01+50E		3.65	26.2	2.66	6.36	<0.05	0.04	0.02	0.024	0.10	9.6	15.5	0.61	335	0.75	0.02

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

ALS Canada Ltd.
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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 15- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- TELOEX

CERTIFICATE OF ANALYSIS WH13156422

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
FGL010 00+00		1.31	20.6	660	103.5	23.0	<0.001	0.01	7.60	6.1	0.6	0.6	29.6	<0.01	0.08	2.4
FGL010 00+25W		1.29	21.7	660	82.1	30.2	0.001	0.01	10.15	7.1	0.7	0.5	28.9	<0.01	0.07	2.3
FGL010 00+50W		1.94	23.8	610	120.0	29.4	<0.001	<0.01	4.56	5.5	0.2	0.6	18.8	<0.01	0.08	3.2
FGL010 00+75W		1.79	24.5	640	82.4	47.8	<0.001	0.01	4.35	7.5	<0.2	0.8	25.6	<0.01	0.08	2.5
FGL010 01+00W		1.46	14.4	540	23.2	34.6	<0.001	<0.01	3.05	6.8	0.3	0.7	20.1	<0.01	0.05	1.6
FGL010 01+25W		0.84	9.8	610	13.7	13.9	<0.001	<0.01	1.22	2.1	<0.2	0.5	16.1	<0.01	0.03	0.4
FGL010 01+50W		1.58	10.8	350	14.9	14.9	<0.001	0.01	1.48	2.9	0.2	0.9	23.4	<0.01	0.03	1.6
FGL010 01+75W		1.62	16.7	550	12.6	15.1	<0.001	<0.01	1.63	3.0	<0.2	0.6	23.6	<0.01	0.03	2.9
FGL010 02+00W		0.36	4.8	430	4.4	11.1	<0.001	0.01	0.90	0.6	<0.2	0.3	17.3	<0.01	0.02	<0.2
FGL010 02+25W		0.66	8.3	580	22.5	15.6	<0.001	0.01	4.61	0.9	<0.2	0.6	17.9	<0.01	0.09	<0.2
FGL010 02+50W		1.64	21.4	260	30.5	17.3	<0.001	0.01	5.34	3.9	<0.2	0.8	22.0	<0.01	0.08	3.1
FGL010 02+75W		1.96	29.7	250	67.7	21.6	<0.001	0.02	14.90	5.2	0.4	0.7	21.2	<0.01	0.32	7.6
FGL010 03+00W		1.68	34.9	310	176.5	20.3	<0.001	0.07	15.30	4.3	0.5	0.7	28.9	<0.01	0.20	5.3
FGL010 03+25W		2.02	25.0	250	10.7	30.9	<0.001	0.02	9.33	4.3	0.3	0.7	19.6	<0.01	0.48	4.1
FGL010 03+50W		1.25	11.3	410	11.5	15.0	<0.001	0.01	2.94	2.6	<0.2	0.6	22.6	<0.01	0.05	1.4
FGL010 03+75W		0.85	7.0	190	15.2	17.7	<0.001	0.01	6.82	1.8	<0.2	0.5	13.6	<0.01	0.05	0.8
FGL010 04+00W		0.97	9.8	390	14.7	15.2	<0.001	0.01	4.29	3.3	<0.2	0.5	22.6	<0.01	0.05	1.6
FGL010 04+25W		1.38	11.7	630	10.1	17.1	<0.001	0.02	3.66	4.1	0.2	0.6	38.0	<0.01	0.09	1.8
FGL010 04+50W		0.46	7.3	560	11.1	12.8	<0.001	0.03	2.10	1.3	0.2	0.3	24.1	<0.01	0.06	<0.2
FGL010 04+75W		0.88	8.3	280	13.7	16.4	<0.001	0.03	2.67	1.8	<0.2	0.5	22.7	<0.01	0.06	0.9
FGL010 05+00W		1.31	18.5	320	24.9	19.5	<0.001	0.06	10.95	4.1	0.3	0.8	36.1	<0.01	0.20	4.0
FGL010 05+25W		0.90	5.0	380	8.8	19.3	<0.001	<0.01	1.23	1.3	<0.2	0.5	17.7	<0.01	0.02	0.8
FGL010 05+50W		1.13	10.7	470	8.5	15.5	<0.001	0.02	2.41	2.5	<0.2	0.6	22.5	<0.01	0.08	1.6
FGL010 05+75W		0.99	12.2	460	11.3	18.3	<0.001	0.01	1.66	2.4	0.3	0.6	29.5	<0.01	0.06	0.7
FGL010 06+00W		1.20	15.6	470	11.1	22.4	<0.001	0.03	2.40	3.1	0.2	0.6	26.6	<0.01	0.10	1.5
FGL010 06+25W		0.83	14.8	460	10.3	19.5	<0.001	0.02	1.86	2.8	0.3	0.4	27.2	<0.01	0.12	1.3
FGL010 06+50W		0.84	12.1	370	6.4	13.6	<0.001	0.01	0.72	2.1	<0.2	0.4	23.4	<0.01	0.03	0.8
FGL010 06+75W		1.70	18.3	280	11.5	23.9	<0.001	0.01	1.18	4.2	0.2	0.7	26.8	<0.01	0.07	3.8
FGL010 07+00W		1.60	18.4	270	10.1	21.6	<0.001	0.02	1.14	3.5	<0.2	0.5	19.5	<0.01	0.07	2.6
FGL010 07+25W		1.05	9.5	200	10.0	19.0	<0.001	0.01	0.65	1.9	<0.2	0.4	23.0	<0.01	0.02	1.2
FGL010 07+50W		1.33	10.1	100	7.7	11.0	<0.001	<0.01	0.61	1.9	<0.2	0.4	16.0	<0.01	0.03	3.4
FGL010 07+75W		1.54	19.1	130	9.7	11.8	<0.001	<0.01	0.79	3.4	<0.2	0.6	23.8	<0.01	0.04	3.9
FGL010 08+00W		1.47	19.9	190	9.7	15.6	<0.001	0.01	0.79	4.1	0.2	0.5	26.1	<0.01	0.04	4.6
FGL011 00+00		0.75	17.1	1090	21.0	7.5	<0.001	0.04	7.68	3.6	1.0	0.4	34.3	<0.01	0.06	1.1
FGL011 00+25E		1.45	23.1	480	110.5	19.9	<0.001	0.06	21.4	3.6	0.4	1.4	27.5	<0.01	0.16	3.5
FGL011 00+50E		1.08	18.4	420	55.7	14.8	<0.001	0.01	6.60	3.3	0.2	0.8	23.5	<0.01	0.15	2.3
FGL011 00+75E		1.70	22.1	230	31.8	14.7	<0.001	0.01	2.38	4.2	0.3	0.8	27.4	<0.01	0.11	3.9
FGL011 01+00E		1.30	13.6	390	35.4	21.6	<0.001	0.02	1.96	3.0	0.3	0.7	21.1	<0.01	0.05	1.6
FGL011 01+25E		1.61	12.4	300	25.6	37.6	<0.001	0.01	2.83	4.1	0.3	0.7	27.8	<0.01	0.08	1.7
FGL011 01+50E		1.91	24.0	400	13.7	19.0	<0.001	0.01	2.55	3.9	<0.2	0.6	27.1	<0.01	0.03	3.4

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

ALS Canada Ltd.
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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 15- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- TELOEX

CERTIFICATE OF ANALYSIS WH13156422

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
FGL010 00+00		0.112	0.35	0.90	67	0.26	9.47	146	0.8
FGL010 00+25W		0.114	0.40	0.92	73	0.20	9.86	148	0.9
FGL010 00+50W		0.138	0.38	0.48	80	0.27	5.19	153	1.4
FGL010 00+75W		0.164	0.61	0.70	106	0.21	6.59	216	1.0
FGL010 01+00W		0.141	0.45	0.41	88	0.24	5.69	104	0.5
FGL010 01+25W		0.082	0.13	0.32	56	0.17	2.77	74	<0.5
FGL010 01+50W		0.093	0.17	0.52	62	0.21	5.42	50	0.5
FGL010 01+75W		0.083	0.16	0.46	56	0.30	3.78	57	0.6
FGL010 02+00W		0.043	0.10	0.23	32	0.11	1.77	23	<0.5
FGL010 02+25W		0.046	0.23	0.45	40	0.21	2.52	67	<0.5
FGL010 02+50W		0.085	0.35	0.46	57	0.21	3.39	200	2.1
FGL010 02+75W		0.103	0.44	1.07	73	0.31	4.59	133	3.7
FGL010 03+00W		0.071	0.39	1.34	65	0.34	5.73	275	1.8
FGL010 03+25W		0.089	0.66	0.93	68	0.59	4.79	89	1.6
FGL010 03+50W		0.067	0.24	0.74	48	0.28	5.43	50	<0.5
FGL010 03+75W		0.057	0.28	0.59	37	0.17	2.14	59	<0.5
FGL010 04+00W		0.074	0.40	0.59	45	0.22	4.83	55	<0.5
FGL010 04+25W		0.091	0.29	1.05	59	0.46	4.67	51	0.6
FGL010 04+50W		0.029	0.17	0.50	22	0.12	4.26	23	<0.5
FGL010 04+75W		0.055	0.15	0.53	36	0.17	2.78	35	<0.5
FGL010 05+00W		0.076	0.34	0.42	56	0.24	4.12	71	0.9
FGL010 05+25W		0.063	0.10	0.38	39	0.14	2.10	24	<0.5
FGL010 05+50W		0.073	0.17	0.54	60	0.21	3.17	43	<0.5
FGL010 05+75W		0.064	0.20	0.70	47	0.26	4.34	36	<0.5
FGL010 06+00W		0.078	0.21	1.25	53	0.29	3.84	52	<0.5
FGL010 06+25W		0.055	0.19	1.60	42	0.19	7.90	41	<0.5
FGL010 06+50W		0.057	0.11	0.64	39	0.15	3.81	33	<0.5
FGL010 06+75W		0.094	0.20	0.73	60	0.28	4.49	54	1.1
FGL010 07+00W		0.094	0.19	0.50	57	0.22	3.04	50	0.8
FGL010 07+25W		0.062	0.12	0.35	37	0.17	2.38	28	<0.5
FGL010 07+50W		0.054	0.11	0.37	38	0.17	2.31	28	1.6
FGL010 07+75W		0.087	0.15	0.45	54	0.23	3.62	43	1.3
FGL010 08+00W		0.091	0.16	0.69	54	0.23	5.42	46	1.7
FGL011 00+00		0.044	0.27	3.20	42	0.19	10.85	73	0.6
FGL011 00+25E		0.073	0.59	1.14	56	0.46	5.37	158	0.6
FGL011 00+50E		0.073	0.37	0.65	55	0.22	3.88	163	<0.5
FGL011 00+75E		0.086	0.25	0.60	62	0.34	3.81	133	2.3
FGL011 01+00E		0.073	0.19	0.59	52	0.46	4.03	291	0.8
FGL011 01+25E		0.098	0.37	0.62	68	0.79	4.13	142	0.7
FGL011 01+50E		0.109	0.29	0.55	60	0.34	3.84	88	1.7

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

ALS Canada Ltd.
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To: TERRALOGIC EXPLORATION SERVICES INC.
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 15- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- TELOEX

CERTIFICATE OF ANALYSIS WH13156422

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- TL44 Au ppm 0.001	ME- MS41 Ag ppm 0.01	ME- MS41 Al % 0.01	ME- MS41 As ppm 0.1	ME- MS41 Au ppm 0.2	ME- MS41 B ppm 10	ME- MS41 Ba ppm 10	ME- MS41 Be ppm 0.05	ME- MS41 Bi ppm 0.01	ME- MS41 Ca % 0.01	ME- MS41 Cd ppm 0.01	ME- MS41 Ce ppm 0.02	ME- MS41 Co ppm 0.1	ME- MS41 Cr ppm 1
FGL011 01+75E		0.26	0.003	1.52	2.06	65.0	<0.2	<10	130	0.63	0.46	0.34	0.70	17.55	13.8	28
FGL011 02+00E		0.46	0.022	0.16	3.06	72.7	<0.2	<10	400	1.12	0.52	0.37	0.08	32.4	26.1	53
FGL011 02+25E		0.43	0.013	0.65	1.33	27.8	<0.2	<10	130	0.39	0.36	0.20	0.30	21.1	6.7	21
FGL011 02+50E		0.39	0.057	0.86	2.06	128.5	<0.2	<10	210	0.57	0.52	0.41	0.16	32.7	10.5	61
FGL011 02+75E		0.41	0.020	0.58	1.48	67.9	<0.2	<10	160	0.36	0.51	0.28	0.24	18.85	6.8	41
FGL011 03+00E		0.30	0.013	1.90	1.69	139.0	<0.2	<10	150	0.38	0.91	0.23	2.31	20.8	12.0	31
FGL011 03+25E		0.32	0.011	0.67	1.23	30.6	<0.2	<10	120	0.22	0.30	0.14	0.84	11.85	5.2	17
FGL011 03+50E		0.30	0.033	3.44	1.50	48.9	<0.2	<10	150	0.40	0.42	0.28	0.71	26.4	5.7	19
FGL011 03+75E		0.54	0.019	2.49	1.61	74.3	<0.2	<10	160	0.35	0.85	0.35	1.19	21.3	7.7	37
FGL011 04+00E		0.45	0.013	2.05	1.02	21.9	<0.2	<10	120	0.20	0.49	0.29	0.63	14.65	7.3	21
FGL011 04+25E		0.42	0.010	1.02	1.55	24.6	<0.2	<10	170	0.31	0.51	0.34	0.38	21.7	8.0	28
FGL011 04+50E		0.32	0.008	1.04	1.69	44.1	<0.2	<10	210	0.32	0.46	0.29	0.56	23.3	8.2	28
FGL011 04+75E		0.33	0.010	1.30	1.29	47.8	<0.2	<10	130	0.22	0.53	0.22	0.41	15.35	6.7	19
FGL011 05+00E		0.51	0.022	5.53	1.12	94.2	<0.2	<10	100	0.18	4.63	0.20	0.88	11.50	4.5	16
FGL011 05+25E		0.52	0.031	7.20	2.03	127.5	<0.2	<10	170	0.40	11.20	0.32	1.73	24.4	8.3	34
FGL011 05+50E		0.45	0.022	2.10	0.94	14.8	<0.2	<10	90	0.20	0.76	0.19	0.16	8.84	3.2	11
FGL011 05+75E		0.58	0.015	1.67	1.87	35.1	<0.2	<10	180	0.41	2.03	0.43	0.64	25.3	8.3	34
FGL011 06+00E		0.35	0.006	0.90	1.08	62.2	<0.2	<10	100	0.23	0.61	0.13	0.59	12.85	7.1	13
FGL011 06+25E		0.33	0.003	0.36	0.44	13.8	<0.2	<10	40	0.08	0.14	0.05	0.61	4.82	2.5	5
FGL011 06+50E		0.33	0.014	1.17	1.44	50.8	<0.2	<10	120	0.31	0.43	0.22	0.47	17.70	5.1	15
FGL011 06+75E		0.37	0.024	1.39	1.44	55.6	<0.2	<10	100	0.31	0.28	0.19	0.39	15.65	8.4	12
FGL011 07+00E		0.31	0.006	0.75	0.40	23.7	<0.2	<10	70	0.13	0.09	0.13	1.33	7.85	2.6	6
FGL011 07+25E		0.40	0.022	0.94	1.28	52.1	<0.2	<10	160	0.24	0.28	0.29	1.13	21.7	7.3	17
FGL011 07+50E		0.44	0.009	0.58	0.90	48.4	<0.2	<10	100	0.18	0.21	0.21	0.60	13.75	4.5	12
FGL011 07+75E		0.51	0.005	0.46	1.14	32.9	<0.2	<10	90	0.18	0.24	0.19	0.32	11.45	4.9	16
FGL011 08+00E		0.59	0.005	0.23	1.04	17.8	<0.2	<10	100	0.21	0.15	0.22	0.33	14.45	6.1	15
FGL011 08+25E		0.54	0.009	0.22	1.02	13.0	<0.2	<10	100	0.20	0.14	0.28	0.08	13.60	6.1	15
FGL011 08+50E		0.45	0.006	0.39	1.33	15.5	<0.2	<10	130	0.25	0.17	0.37	0.15	18.05	6.7	21
FGL011 08+75E		0.41	0.003	0.27	1.20	12.0	<0.2	<10	140	0.26	0.15	0.44	0.26	15.65	6.3	16
FGL011 09+00E		0.38	0.003	0.46	1.10	8.6	<0.2	<10	120	0.20	0.14	0.27	0.18	12.30	4.2	15
FGL011 09+25E		0.71	0.007	0.31	1.91	34.1	<0.2	<10	160	0.28	0.25	0.47	0.25	20.1	11.4	29
FGL011 09+50E		0.48	0.008	0.51	1.25	19.2	<0.2	<10	120	0.24	0.15	0.33	0.35	15.50	6.4	17
FGL011 09+75E		0.54	0.009	0.28	1.48	20.4	<0.2	<10	120	0.22	0.15	0.41	0.10	20.4	8.8	20
FGL011 10+00E		0.55	0.011	0.34	1.86	25.4	<0.2	<10	190	0.42	0.30	0.70	0.23	31.1	10.8	32
FGL011 10+25E		0.49	0.008	0.58	1.79	27.4	<0.2	<10	190	0.32	0.32	0.42	0.37	19.05	11.2	25
FGL011 10+50E		0.33	0.004	0.20	1.49	19.7	<0.2	<10	130	0.23	0.20	0.33	0.19	14.45	8.3	20
FGL011 10+75E		0.41	0.007	0.18	1.58	23.9	<0.2	<10	110	0.24	0.21	0.37	0.20	14.00	8.4	24
FGL011 11+00E		0.50	0.011	0.25	1.08	21.9	<0.2	<10	70	0.15	0.16	0.32	0.20	13.40	8.2	18
FGL004 00+00		0.40	0.001	0.05	1.76	9.9	<0.2	<10	130	0.38	0.14	0.44	0.14	20.6	10.5	21
FGL004 00+25W		0.31	0.002	0.10	0.70	3.3	<0.2	<10	130	0.17	0.08	0.86	0.06	13.15	4.4	9

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

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 15- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- TELOEX

CERTIFICATE OF ANALYSIS WH13156422

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
FGL011 01+75E		4.42	21.0	3.58	8.91	<0.05	0.04	0.01	0.046	0.10	8.9	18.7	0.72	756	0.85	0.02
FGL011 02+00E		38.2	51.2	6.16	12.20	0.09	0.04	0.02	0.070	0.65	13.1	19.4	1.41	1020	0.79	0.02
FGL011 02+25E		3.21	28.0	1.98	5.70	<0.05	<0.02	0.02	0.017	0.07	11.2	8.8	0.28	288	0.97	0.02
FGL011 02+50E		4.04	34.1	3.08	6.64	0.06	0.03	0.03	0.028	0.13	18.8	16.3	0.87	486	0.80	0.02
FGL011 02+75E		3.90	21.7	2.23	4.86	0.05	<0.02	0.22	0.023	0.14	9.5	9.0	0.55	285	0.60	0.03
FGL011 03+00E		4.54	47.9	2.87	6.58	0.05	<0.02	0.02	0.044	0.14	9.8	11.5	0.60	1280	1.02	0.02
FGL011 03+25E		1.95	29.3	1.50	4.27	<0.05	<0.02	0.07	0.019	0.09	5.9	5.9	0.23	308	0.62	0.03
FGL011 03+50E		2.79	49.1	1.67	4.07	0.05	<0.02	0.07	0.023	0.13	14.3	6.1	0.25	337	0.69	0.03
FGL011 03+75E		5.01	35.4	2.74	5.74	0.06	0.02	0.03	0.064	0.28	11.8	11.1	0.79	567	0.80	0.03
FGL011 04+00E		2.21	21.9	2.14	4.35	0.06	<0.02	0.04	0.024	0.09	7.7	6.2	0.36	613	0.46	0.02
FGL011 04+25E		2.88	20.4	2.30	5.25	<0.05	<0.02	0.03	0.030	0.11	12.2	11.7	0.62	398	0.72	0.02
FGL011 04+50E		2.87	25.8	2.36	5.36	0.05	<0.02	0.03	0.035	0.10	13.2	11.1	0.60	422	0.73	0.02
FGL011 04+75E		1.91	17.9	1.88	4.36	<0.05	<0.02	0.02	0.020	0.07	8.1	8.4	0.47	438	0.66	0.03
FGL011 05+00E		1.97	26.6	1.73	3.71	<0.05	<0.02	0.03	0.042	0.08	5.8	6.3	0.32	376	0.57	0.03
FGL011 05+25E		2.97	68.1	2.95	6.00	0.06	0.04	0.03	0.066	0.13	13.4	13.8	0.75	557	0.86	0.02
FGL011 05+50E		2.06	17.7	1.31	2.90	<0.05	<0.02	0.03	0.012	0.08	5.0	4.6	0.20	138	0.26	0.04
FGL011 05+75E		3.11	47.3	2.66	5.94	0.05	0.02	0.03	0.035	0.12	13.7	14.1	0.78	478	0.78	0.02
FGL011 06+00E		1.93	20.8	1.53	3.84	<0.05	<0.02	0.01	0.018	0.06	6.4	7.0	0.19	599	0.71	0.02
FGL011 06+25E		0.93	6.6	0.70	2.32	<0.05	<0.02	0.01	0.005	0.03	2.5	1.7	0.07	87	0.22	0.03
FGL011 06+50E		2.84	18.2	1.63	4.87	<0.05	<0.02	0.06	0.019	0.09	9.5	7.0	0.30	210	0.67	0.03
FGL011 06+75E		2.83	16.9	1.97	4.48	<0.05	<0.02	0.03	0.082	0.07	8.7	6.3	0.19	534	0.81	0.03
FGL011 07+00E		1.72	8.5	0.84	1.85	<0.05	<0.02	0.02	0.008	0.06	4.8	1.9	0.12	148	0.24	0.03
FGL011 07+25E		2.88	16.0	1.74	4.06	<0.05	<0.02	0.04	0.020	0.08	12.2	7.3	0.43	466	0.54	0.03
FGL011 07+50E		1.90	11.5	1.39	3.60	<0.05	<0.02	0.02	0.019	0.07	7.5	6.3	0.33	201	0.47	0.03
FGL011 07+75E		1.84	13.2	1.52	4.06	<0.05	<0.02	0.02	0.015	0.08	5.9	6.9	0.34	179	0.51	0.03
FGL011 08+00E		1.40	12.6	1.50	3.51	<0.05	<0.02	0.02	0.012	0.07	7.5	6.6	0.34	262	0.38	0.03
FGL011 08+25E		1.57	11.5	1.60	3.45	<0.05	<0.02	0.02	0.011	0.06	7.1	6.8	0.34	213	0.30	0.04
FGL011 08+50E		2.24	13.4	1.91	4.32	<0.05	<0.02	0.03	0.014	0.09	9.3	9.8	0.50	257	0.41	0.03
FGL011 08+75E		2.56	16.1	1.62	3.97	<0.05	<0.02	0.02	0.014	0.07	8.7	8.1	0.42	254	0.38	0.03
FGL011 09+00E		2.89	16.0	1.31	3.95	<0.05	<0.02	0.02	0.010	0.07	7.4	6.7	0.31	146	0.35	0.03
FGL011 09+25E		4.49	15.0	2.85	6.59	<0.05	0.03	0.02	0.021	0.09	11.8	15.3	0.92	459	0.74	0.02
FGL011 09+50E		2.71	15.6	1.64	4.11	<0.05	<0.02	0.03	0.018	0.07	8.9	8.9	0.39	315	0.42	0.03
FGL011 09+75E		3.17	15.7	2.12	4.72	0.05	0.02	0.02	0.015	0.08	11.7	11.3	0.62	335	0.34	0.03
FGL011 10+00E		3.14	23.8	2.72	5.87	0.07	0.04	0.05	0.023	0.09	18.3	15.4	0.78	419	0.46	0.02
FGL011 10+25E		3.03	20.1	2.44	5.93	<0.05	0.02	0.04	0.025	0.09	9.5	12.3	0.48	552	0.62	0.03
FGL011 10+50E		1.99	12.2	1.96	4.87	<0.05	<0.02	0.02	0.014	0.07	7.4	10.9	0.49	344	0.45	0.03
FGL011 10+75E		2.05	9.5	2.17	4.99	<0.05	<0.02	0.02	0.017	0.08	7.3	11.9	0.60	286	0.43	0.02
FGL011 11+00E		1.89	8.9	2.43	4.80	<0.05	<0.02	0.01	0.013	0.06	6.7	7.3	0.41	315	0.41	0.02
FGL004 00+00		9.11	13.3	2.74	6.93	<0.05	0.03	0.01	0.023	0.13	9.3	19.5	0.83	265	0.67	0.01
FGL004 00+25W		1.52	22.5	1.09	2.56	<0.05	<0.02	0.04	0.010	0.03	7.9	4.1	0.19	205	0.28	0.03

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

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 15- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- TELOEX

CERTIFICATE OF ANALYSIS WH13156422

Sample Description	Method Analyte Units LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
FGL011 01+75E		1.95	13.5	740	50.6	31.9	<0.001	0.01	3.60	4.3	<0.2	1.1	42.0	<0.01	0.05	1.6
FGL011 02+00E		0.33	26.7	780	9.1	67.0	<0.001	<0.01	11.30	17.2	0.6	0.8	18.5	<0.01	0.06	2.7
FGL011 02+25E		1.16	11.4	360	11.6	18.3	<0.001	0.01	2.34	2.7	0.3	0.6	20.3	<0.01	0.04	0.9
FGL011 02+50E		1.26	33.2	500	36.9	16.4	<0.001	<0.01	7.23	6.8	0.7	0.6	26.1	<0.01	0.04	3.8
FGL011 02+75E		0.92	21.5	440	21.6	17.0	<0.001	0.01	2.55	4.4	0.4	0.4	19.8	<0.01	0.04	1.5
FGL011 03+00E		1.01	15.5	410	97.5	23.4	<0.001	0.01	10.45	3.8	0.2	0.7	24.8	<0.01	0.04	1.0
FGL011 03+25E		0.67	8.3	340	14.4	12.7	<0.001	0.01	1.84	1.8	<0.2	0.3	14.3	<0.01	0.03	0.3
FGL011 03+50E		0.47	11.6	670	62.2	14.0	<0.001	0.05	3.36	2.7	0.8	0.3	21.6	<0.01	0.04	0.2
FGL011 03+75E		1.21	18.5	650	168.5	32.3	<0.001	0.01	6.94	5.8	0.3	0.6	24.0	<0.01	0.04	2.1
FGL011 04+00E		0.70	9.7	750	71.3	11.4	<0.001	0.02	2.96	3.0	0.3	0.4	19.9	<0.01	0.02	1.0
FGL011 04+25E		1.28	13.2	540	56.2	14.8	<0.001	0.01	1.91	3.9	0.2	0.7	22.0	<0.01	0.04	2.1
FGL011 04+50E		1.18	13.6	350	46.7	14.8	<0.001	0.01	2.24	3.8	0.5	0.6	23.2	<0.01	0.04	1.9
FGL011 04+75E		1.03	9.4	330	50.6	10.9	<0.001	0.01	1.81	2.8	0.3	0.5	18.1	<0.01	0.03	1.8
FGL011 05+00E		0.65	7.8	510	151.5	10.1	<0.001	0.01	2.47	2.0	0.2	0.5	16.2	<0.01	0.04	0.8
FGL011 05+25E		1.27	16.6	530	272	17.6	<0.001	0.01	4.48	4.7	0.5	1.0	23.9	<0.01	0.05	3.6
FGL011 05+50E		0.40	5.9	400	23.0	8.2	<0.001	0.01	1.28	2.4	<0.2	0.2	11.6	<0.01	0.01	1.0
FGL011 05+75E		1.41	16.7	440	67.2	16.8	<0.001	0.01	2.51	4.8	0.2	0.7	25.9	<0.01	0.07	3.7
FGL011 06+00E		0.78	5.9	290	43.4	15.7	<0.001	0.01	3.67	1.4	<0.2	0.4	13.8	<0.01	0.02	0.9
FGL011 06+25E		0.12	2.3	250	8.5	6.8	<0.001	0.01	1.35	0.2	<0.2	0.2	6.9	<0.01	0.01	<0.2
FGL011 06+50E		0.72	8.0	410	33.9	16.6	<0.001	0.02	5.06	2.0	<0.2	0.4	19.7	<0.01	0.01	0.5
FGL011 06+75E		0.53	6.4	690	38.1	11.9	<0.001	0.02	5.70	2.0	0.2	0.4	14.6	<0.01	0.03	0.9
FGL011 07+00E		0.14	4.0	220	11.9	8.0	<0.001	0.01	1.83	0.6	<0.2	0.2	12.0	<0.01	0.01	<0.2
FGL011 07+25E		0.58	9.6	460	28.4	12.1	<0.001	0.02	3.90	2.9	<0.2	0.3	20.2	<0.01	0.02	0.6
FGL011 07+50E		0.60	6.6	280	29.2	12.4	<0.001	0.01	2.51	2.2	<0.2	0.3	16.3	<0.01	0.02	0.8
FGL011 07+75E		0.69	8.2	270	17.7	12.8	<0.001	0.01	3.11	2.1	<0.2	0.3	14.3	<0.01	0.02	0.7
FGL011 08+00E		0.63	7.6	330	11.1	8.6	<0.001	<0.01	1.51	2.0	<0.2	0.3	16.5	<0.01	0.01	0.8
FGL011 08+25E		0.64	7.9	440	8.4	6.8	<0.001	0.01	1.29	2.4	<0.2	0.2	16.5	<0.01	0.01	1.6
FGL011 08+50E		0.66	10.8	500	10.2	11.3	<0.001	0.01	1.66	3.0	<0.2	0.3	19.9	<0.01	0.02	1.1
FGL011 08+75E		0.74	10.0	390	8.6	14.2	<0.001	0.02	1.50	2.4	<0.2	0.3	24.1	<0.01	0.02	1.0
FGL011 09+00E		0.72	7.3	300	7.7	13.4	<0.001	0.01	0.86	2.4	<0.2	0.3	18.0	<0.01	0.01	1.5
FGL011 09+25E		1.45	13.9	330	27.3	19.4	<0.001	<0.01	2.86	4.4	<0.2	0.6	26.5	<0.01	0.03	3.7
FGL011 09+50E		0.68	8.9	370	13.5	10.3	<0.001	0.01	1.39	2.6	<0.2	0.3	19.5	<0.01	0.02	1.3
FGL011 09+75E		0.92	10.8	500	9.8	12.1	<0.001	0.01	2.13	3.7	<0.2	0.3	19.1	<0.01	0.02	3.3
FGL011 10+00E		1.24	17.2	780	14.5	15.7	<0.001	0.02	2.45	5.3	0.6	0.4	30.4	<0.01	0.04	3.6
FGL011 10+25E		0.96	13.6	600	17.5	19.1	<0.001	0.02	1.56	3.3	0.4	0.4	25.5	<0.01	0.04	1.4
FGL011 10+50E		1.10	10.8	350	18.0	13.8	<0.001	0.01	1.94	2.6	<0.2	0.4	20.2	<0.01	0.02	1.8
FGL011 10+75E		1.01	12.1	410	17.6	12.0	<0.001	<0.01	2.81	2.9	<0.2	0.4	20.4	<0.01	0.02	1.6
FGL011 11+00E		0.80	8.8	470	13.8	11.1	<0.001	<0.01	2.38	2.4	<0.2	0.3	17.2	<0.01	0.02	2.1
FGL004 00+00		1.19	12.9	350	9.4	22.9	<0.001	<0.01	2.31	4.8	0.2	0.5	21.2	<0.01	0.02	5.1
FGL004 00+25W		0.50	6.8	630	3.9	3.3	<0.001	0.04	0.57	1.3	0.5	0.2	36.0	<0.01	0.02	0.5

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

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

To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 15- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- TELOEX

CERTIFICATE OF ANALYSIS WH13156422

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
FGL011 01+75E		0.137	0.36	0.40	92	0.31	4.61	160	1.2
FGL011 02+00E		0.171	1.60	0.55	178	0.17	13.85	113	1.4
FGL011 02+25E		0.066	0.15	0.50	53	0.20	4.05	44	<0.5
FGL011 02+50E		0.106	0.35	1.04	75	0.19	15.25	106	1.2
FGL011 02+75E		0.087	0.32	0.54	59	0.15	5.76	82	<0.5
FGL011 03+00E		0.095	0.32	0.55	70	0.30	4.27	271	0.5
FGL011 03+25E		0.057	0.15	0.53	40	0.12	2.77	72	<0.5
FGL011 03+50E		0.045	0.21	1.27	41	0.11	11.05	120	<0.5
FGL011 03+75E		0.116	0.44	0.76	67	0.15	6.73	314	0.8
FGL011 04+00E		0.100	0.18	0.55	66	0.10	4.82	128	0.5
FGL011 04+25E		0.095	0.24	0.64	52	0.16	5.58	134	0.5
FGL011 04+50E		0.091	0.18	0.71	56	0.39	5.60	149	<0.5
FGL011 04+75E		0.085	0.16	0.47	47	0.14	3.65	138	<0.5
FGL011 05+00E		0.055	0.16	0.40	39	0.19	2.56	265	<0.5
FGL011 05+25E		0.099	0.26	0.82	60	0.21	5.98	427	1.2
FGL011 05+50E		0.049	0.13	0.42	35	0.07	3.52	87	<0.5
FGL011 05+75E		0.109	0.24	0.82	59	0.17	6.78	217	0.9
FGL011 06+00E		0.052	0.16	0.37	39	0.12	2.32	88	<0.5
FGL011 06+25E		0.028	0.07	0.18	22	0.06	0.97	23	<0.5
FGL011 06+50E		0.054	0.19	0.55	39	0.15	3.98	77	<0.5
FGL011 06+75E		0.059	0.15	0.63	52	0.11	3.21	108	<0.5
FGL011 07+00E		0.034	0.05	0.29	26	0.05	2.66	75	<0.5
FGL011 07+25E		0.059	0.16	0.73	43	0.22	6.39	166	<0.5
FGL011 07+50E		0.057	0.11	0.54	37	0.11	4.37	125	<0.5
FGL011 07+75E		0.062	0.12	0.41	40	0.11	2.64	70	<0.5
FGL011 08+00E		0.064	0.10	0.46	39	0.12	2.82	47	<0.5
FGL011 08+25E		0.067	0.09	0.52	43	0.12	3.63	37	<0.5
FGL011 08+50E		0.075	0.14	0.68	49	0.18	4.65	47	<0.5
FGL011 08+75E		0.062	0.12	0.59	40	0.15	4.68	38	<0.5
FGL011 09+00E		0.057	0.12	0.62	34	0.13	2.77	34	<0.5
FGL011 09+25E		0.120	0.19	0.73	70	0.23	4.13	94	1.1
FGL011 09+50E		0.060	0.12	0.64	41	0.14	4.59	55	<0.5
FGL011 09+75E		0.091	0.17	0.89	55	0.19	5.05	50	0.7
FGL011 10+00E		0.093	0.18	1.96	63	0.19	10.50	68	1.3
FGL011 10+25E		0.082	0.14	0.83	62	0.19	4.76	77	0.6
FGL011 10+50E		0.090	0.12	0.51	50	0.15	3.14	60	0.7
FGL011 10+75E		0.093	0.14	0.48	54	0.17	2.74	67	<0.5
FGL011 11+00E		0.102	0.10	0.42	75	0.17	2.47	55	0.5
FGL004 00+00		0.083	0.26	0.57	63	0.16	3.87	44	1.1
FGL004 00+25W		0.041	0.09	1.62	27	0.08	5.43	17	0.7

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 15- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- TELOEX

CERTIFICATE OF ANALYSIS WH13156422

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- TL44 Au ppm 0.001	ME- MS41 Ag ppm 0.01	ME- MS41 Al % 0.01	ME- MS41 As ppm 0.1	ME- MS41 Au ppm 0.2	ME- MS41 B ppm 10	ME- MS41 Ba ppm 10	ME- MS41 Be ppm 0.05	ME- MS41 Bi ppm 0.01	ME- MS41 Ca % 0.01	ME- MS41 Cd ppm 0.01	ME- MS41 Ce ppm 0.02	ME- MS41 Co ppm 0.1	ME- MS41 Cr ppm 1
FGL004 00+50W		0.40	0.004	0.16	1.09	10.3	<0.2	<10	110	0.30	0.14	0.38	0.10	28.3	7.9	13
FGL004 00+75W		0.35	0.007	0.65	1.72	44.4	<0.2	<10	410	0.74	0.30	0.67	0.14	52.2	14.6	26
FGL004 01+00W		0.44	0.018	0.32	1.68	40.4	<0.2	<10	280	0.50	0.32	0.58	0.19	39.8	11.0	26
FGL004 01+25W		0.54	0.004	0.22	1.28	72.9	<0.2	<10	110	0.30	0.33	0.22	0.28	26.3	6.9	17
FGL004 01+50W		0.40	0.001	0.06	0.73	12.1	<0.2	<10	80	0.14	0.14	0.13	0.32	16.35	5.9	11
FGL004 01+75W		0.56	0.002	0.37	1.19	32.3	<0.2	<10	100	0.19	0.44	0.19	0.39	17.50	8.0	18
FGL004 02+00W		0.46	0.003	0.74	1.33	44.3	<0.2	<10	120	0.28	0.50	0.23	0.71	17.05	6.6	19
FGL004 02+25W		0.35	0.004	0.41	0.91	11.2	<0.2	<10	80	0.17	0.14	0.23	0.11	11.25	2.6	8
FGL004 02+50W		0.49	0.006	0.38	1.52	30.2	<0.2	<10	160	0.33	0.44	0.42	0.38	22.9	9.2	25
FGL004 02+75W		0.49	0.009	0.53	1.64	53.3	<0.2	<10	150	0.36	0.44	0.41	0.30	27.2	11.2	26
FGL004 03+00W		0.52	0.011	0.74	1.71	61.9	<0.2	<10	110	0.26	0.50	0.36	0.54	19.25	10.1	27
FGL004 03+25W		0.60	0.017	1.06	1.86	81.4	<0.2	<10	150	0.36	0.69	0.34	1.06	26.8	12.8	30
FGL004 03+50W		0.27	0.017	1.52	0.97	94.1	<0.2	<10	100	0.17	0.48	0.23	0.67	15.30	8.2	15
FGL004 03+75W		0.43	0.042	1.44	1.84	107.5	<0.2	<10	160	0.34	1.09	0.32	1.24	29.4	8.6	30
FGL004 04+00W		0.57	0.022	1.80	1.90	86.6	<0.2	<10	160	0.44	1.14	0.29	1.15	35.1	10.6	31
FGL004 04+25W		0.50	0.022	1.91	1.81	119.0	<0.2	<10	130	0.36	1.63	0.27	1.09	30.1	9.1	30
FGL004 04+50W		0.47	0.035	1.78	1.83	101.5	<0.2	<10	150	0.39	2.09	0.38	1.17	34.4	8.6	29
FGL004 04+75W		0.51	0.026	2.01	1.15	86.0	<0.2	<10	130	0.32	1.44	0.26	1.22	22.0	6.8	21
FGL004 05+00W		0.56	0.052	2.72	1.63	228	<0.2	<10	190	0.37	4.89	0.53	1.94	19.35	12.9	31
FGL004 05+25W		0.43	0.015	2.20	1.47	90.1	<0.2	<10	140	0.28	2.49	0.31	0.97	16.65	10.3	24
FGL004 05+50W		0.45	0.014	1.32	2.05	127.0	<0.2	<10	190	0.36	0.97	0.29	1.29	17.75	11.2	41
FGL004 05+75W		0.30	0.017	1.93	0.81	71.5	<0.2	<10	80	0.22	1.60	0.16	1.25	11.30	3.7	12
FGL004 06+00W		0.36	0.004	0.38	1.61	90.6	<0.2	<10	130	0.41	1.20	0.16	0.91	21.7	7.2	24
FGL004 06+25W		0.48	0.019	0.66	1.32	410	<0.2	<10	170	0.59	2.17	0.16	2.05	32.0	9.0	20
FGL004 06+50W		0.49	0.044	1.06	2.76	1320	<0.2	<10	230	0.85	7.31	0.20	1.78	34.8	27.0	49
FGL004 06+75W		0.51	0.072	0.72	2.32	1295	<0.2	<10	270	0.70	9.25	0.15	1.58	26.5	11.4	35
FGL004 07+00W		0.40	0.028	1.33	2.17	492	<0.2	<10	230	0.59	1.16	0.17	0.94	22.8	9.9	33
FGL004 07+25W		0.54	0.017	1.46	1.88	230	<0.2	<10	230	0.48	0.78	0.18	0.54	19.60	9.8	26
FGL004 07+50W		0.44	0.008	2.38	1.17	287	<0.2	<10	150	0.20	0.65	0.15	0.81	15.30	4.8	21
FGL004 07+75W		0.42	0.034	2.36	0.87	370	<0.2	<10	150	0.19	0.79	0.09	0.87	14.90	6.7	16
FGL004 08+00W		0.50	0.059	2.88	1.71	521	<0.2	<10	250	0.35	1.45	0.21	1.04	19.75	8.2	25
FGL004 08+25W		0.55	0.007	0.37	2.33	242	<0.2	<10	250	0.45	0.84	0.23	0.31	21.2	10.5	33
FGL004 08+50W		0.50	0.096	0.38	3.62	692	<0.2	<10	310	1.02	0.45	0.20	0.27	34.8	10.8	109
FGL004 08+75W		0.45	0.008	0.19	1.67	161.0	<0.2	<10	200	0.54	0.30	0.13	0.25	18.55	8.9	36
FGL004 09+00W		0.59	0.004	0.37	2.04	218	<0.2	<10	370	0.60	0.37	0.37	0.40	22.7	11.4	26
FGL004 09+25W		0.55	0.045	1.87	1.87	552	<0.2	<10	380	0.60	2.39	0.37	2.04	31.2	10.5	33
FGL004 09+50W		0.35	0.026	1.35	1.86	354	<0.2	<10	150	0.62	1.58	0.20	1.28	24.4	10.3	27
FGL004 09+75W		0.24	0.025	1.55	1.04	121.5	<0.2	<10	270	0.32	0.72	0.45	1.69	20.6	6.1	14
FGL004 10+00W		0.25	0.012	0.75	1.07	42.3	<0.2	<10	110	0.18	1.32	0.23	0.37	15.00	3.9	18
FGL004 10+25W		0.48	0.007	0.44	1.45	36.9	<0.2	<10	150	0.39	0.89	0.24	0.34	23.9	11.4	23

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Finalized Date: 15- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- TELOEX

CERTIFICATE OF ANALYSIS WH13156422

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
FGL004 00+50W		4.60	18.0	1.75	4.13	0.05	0.02	0.03	0.020	0.10	20.0	8.9	0.42	213	0.33	0.02
FGL004 00+75W		4.99	37.7	2.76	5.94	0.06	0.05	0.11	0.039	0.07	33.0	12.1	0.53	1360	0.62	0.01
FGL004 01+00W		4.86	28.7	2.59	6.27	0.07	0.03	0.04	0.028	0.09	23.6	16.3	0.69	390	0.59	0.01
FGL004 01+25W		6.49	12.8	2.18	6.31	<0.05	<0.02	0.01	0.023	0.10	13.6	11.5	0.42	233	0.78	0.01
FGL004 01+50W		3.89	8.6	1.34	5.19	<0.05	<0.02	0.01	0.011	0.09	8.0	5.0	0.23	482	0.65	0.01
FGL004 01+75W		3.25	13.8	1.93	5.59	<0.05	<0.02	0.01	0.023	0.07	9.1	8.4	0.47	343	0.81	0.01
FGL004 02+00W		4.29	16.4	1.93	6.42	<0.05	<0.02	0.02	0.026	0.07	9.1	8.4	0.38	282	0.83	0.01
FGL004 02+25W		2.01	9.0	1.03	3.36	<0.05	<0.02	0.04	0.014	0.05	8.3	3.1	0.12	67	0.31	0.03
FGL004 02+50W		2.83	18.3	2.09	5.94	<0.05	0.03	0.03	0.033	0.06	11.8	12.1	0.64	339	0.65	0.01
FGL004 02+75W		3.20	18.8	2.44	6.36	0.05	0.02	0.03	0.037	0.08	14.5	14.3	0.75	318	0.92	0.01
FGL004 03+00W		3.30	15.1	2.49	6.72	0.06	0.02	0.04	0.033	0.11	10.2	13.9	0.83	337	1.21	0.01
FGL004 03+25W		3.27	22.7	2.87	7.01	0.05	0.03	0.04	0.050	0.11	13.9	14.6	0.84	447	0.93	0.01
FGL004 03+50W		1.87	34.4	1.60	4.04	<0.05	<0.02	0.04	0.031	0.05	8.2	5.4	0.37	415	1.01	0.02
FGL004 03+75W		3.25	28.3	2.60	7.31	0.06	0.02	0.04	0.099	0.12	15.4	14.4	0.75	218	1.02	0.01
FGL004 04+00W		3.44	33.9	2.79	7.68	0.06	0.02	0.05	0.079	0.14	18.1	15.1	0.73	245	0.90	0.01
FGL004 04+25W		3.16	36.1	2.83	7.00	0.05	0.02	0.05	0.078	0.13	15.8	14.3	0.69	197	1.04	0.01
FGL004 04+50W		3.64	37.7	2.66	7.26	0.06	0.03	0.05	0.099	0.12	17.9	13.4	0.68	269	1.03	0.01
FGL004 04+75W		2.56	29.3	1.83	4.72	<0.05	0.02	0.05	0.074	0.08	11.0	6.9	0.37	621	0.54	0.02
FGL004 05+00W		5.28	38.3	2.84	6.35	0.06	0.03	0.04	0.099	0.15	9.7	13.4	0.73	601	0.95	0.01
FGL004 05+25W		3.30	34.6	2.34	5.42	<0.05	0.02	0.04	0.075	0.08	8.6	9.8	0.55	397	0.64	0.02
FGL004 05+50W		5.83	32.1	2.76	6.87	0.05	<0.02	0.04	0.077	0.20	9.3	13.9	0.85	337	0.90	0.02
FGL004 05+75W		2.53	46.6	1.16	3.02	<0.05	<0.02	0.03	0.052	0.05	6.1	3.2	0.14	119	0.36	0.02
FGL004 06+00W		1.59	19.7	2.46	7.20	<0.05	<0.02	0.03	0.029	0.07	10.6	11.1	0.28	391	1.30	0.01
FGL004 06+25W		4.15	17.4	2.48	5.26	<0.05	<0.02	0.01	0.028	0.07	15.5	6.5	0.24	527	1.27	0.01
FGL004 06+50W		6.72	28.4	3.83	12.10	<0.05	0.03	0.02	0.084	0.17	16.3	17.2	0.68	1040	1.04	0.01
FGL004 06+75W		2.28	32.4	2.78	6.36	<0.05	0.07	0.02	0.060	0.06	11.6	12.6	0.46	289	1.28	0.02
FGL004 07+00W		2.17	32.8	2.74	6.01	<0.05	0.04	0.04	0.072	0.08	10.0	12.6	0.48	210	1.40	0.01
FGL004 07+25W		1.61	33.0	2.44	5.88	<0.05	0.04	0.03	0.052	0.06	10.0	12.5	0.42	186	1.00	0.01
FGL004 07+50W		1.19	14.3	2.14	5.82	<0.05	0.02	0.02	0.030	0.07	7.7	10.2	0.31	142	1.28	0.01
FGL004 07+75W		1.37	18.1	1.90	4.63	<0.05	<0.02	0.02	0.060	0.07	7.6	5.1	0.18	302	1.25	0.01
FGL004 08+00W		2.25	24.7	2.43	6.19	<0.05	0.02	0.02	0.054	0.12	9.9	12.7	0.45	298	1.03	0.02
FGL004 08+25W		2.55	20.2	2.75	7.86	<0.05	0.05	0.01	0.029	0.19	11.5	17.5	0.65	251	0.81	0.01
FGL004 08+50W		5.80	53.5	3.90	13.50	0.07	0.06	0.02	0.025	0.26	20.5	24.0	1.07	280	1.92	0.02
FGL004 08+75W		2.39	31.2	2.58	6.79	<0.05	0.03	0.01	0.017	0.14	10.1	15.3	0.47	218	2.04	0.01
FGL004 09+00W		3.28	32.0	2.81	6.92	<0.05	0.04	0.01	0.030	0.29	10.6	14.8	0.60	620	0.96	0.02
FGL004 09+25W		4.67	42.9	3.45	6.58	0.05	0.07	0.03	0.099	0.27	17.4	16.1	0.71	567	1.46	0.01
FGL004 09+50W		2.46	32.7	2.71	5.90	<0.05	0.12	0.02	0.069	0.21	12.0	13.8	0.54	341	1.17	0.02
FGL004 09+75W		2.40	26.6	1.51	3.78	0.05	<0.02	0.04	0.022	0.17	12.2	5.7	0.30	349	0.56	0.03
FGL004 10+00W		3.31	12.4	1.49	4.52	<0.05	<0.02	0.04	0.023	0.08	8.2	4.7	0.30	135	0.71	0.01
FGL004 10+25W		3.27	22.6	2.28	5.84	<0.05	0.02	0.03	0.040	0.10	12.4	10.0	0.46	408	1.27	0.02

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

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 15- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- TELOEX

CERTIFICATE OF ANALYSIS WH13156422

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
FGL004 00+50W		0.70	9.3	440	9.0	13.6	<0.001	0.01	1.94	3.6	0.7	0.3	20.2	<0.01	0.01	3.9
FGL004 00+75W		0.93	20.5	790	19.3	11.4	<0.001	0.04	3.11	6.7	1.4	0.5	33.3	<0.01	0.03	4.3
FGL004 01+00W		1.33	20.5	780	16.9	16.8	<0.001	<0.01	1.53	5.9	0.6	0.5	29.4	<0.01	0.03	5.0
FGL004 01+25W		1.07	9.8	390	14.1	20.1	<0.001	<0.01	2.20	3.2	0.3	0.5	16.8	<0.01	0.03	3.0
FGL004 01+50W		0.73	5.6	330	6.6	20.8	<0.001	<0.01	0.99	1.5	<0.2	0.4	13.9	<0.01	0.02	0.9
FGL004 01+75W		0.94	10.3	250	29.8	20.9	<0.001	<0.01	1.43	2.4	0.2	0.5	18.6	<0.01	0.04	1.1
FGL004 02+00W		0.95	10.1	330	25.3	24.8	<0.001	<0.01	1.13	3.0	0.2	0.5	19.6	<0.01	0.03	1.5
FGL004 02+25W		0.45	5.2	410	9.4	6.8	<0.001	0.02	0.48	1.5	0.2	0.2	17.2	<0.01	0.02	0.4
FGL004 02+50W		1.08	15.2	500	33.0	13.8	<0.001	0.01	1.95	4.5	0.4	0.5	26.4	<0.01	0.04	3.3
FGL004 02+75W		1.29	16.0	590	57.3	16.2	<0.001	0.01	3.70	4.4	0.4	0.6	29.2	<0.01	0.04	4.4
FGL004 03+00W		1.49	15.5	520	75.2	19.6	<0.001	0.01	2.98	3.9	0.4	0.6	25.1	<0.01	0.04	3.3
FGL004 03+25W		1.48	17.6	640	122.0	20.2	<0.001	0.01	4.06	4.7	0.6	0.7	25.2	<0.01	0.06	4.3
FGL004 03+50W		0.67	8.3	600	62.0	9.7	<0.001	0.03	1.74	1.8	0.4	0.4	20.0	<0.01	0.03	0.5
FGL004 03+75W		1.80	17.2	590	127.5	21.8	<0.001	0.02	6.97	4.9	0.6	1.1	23.6	<0.01	0.08	3.8
FGL004 04+00W		2.01	17.4	640	193.0	24.3	<0.001	0.01	6.21	5.4	0.9	1.2	23.5	<0.01	0.08	4.7
FGL004 04+25W		1.80	16.5	610	177.5	23.3	<0.001	0.02	13.10	4.6	0.7	1.0	23.2	<0.01	0.06	3.7
FGL004 04+50W		1.94	15.5	530	124.0	22.9	<0.001	0.03	9.28	5.2	0.9	1.1	31.7	<0.01	0.07	5.5
FGL004 04+75W		0.96	9.9	560	125.5	15.1	<0.001	0.02	16.95	3.2	0.5	0.6	22.2	<0.01	0.04	3.2
FGL004 05+00W		1.06	17.4	680	128.5	24.4	<0.001	0.02	17.50	6.0	0.6	0.9	33.1	<0.01	0.05	2.4
FGL004 05+25W		0.89	13.4	510	113.5	15.2	<0.001	0.01	6.37	3.9	0.3	0.6	23.7	<0.01	0.03	1.5
FGL004 05+50W		0.98	19.6	530	78.4	26.7	<0.001	0.03	5.86	6.1	0.7	0.6	26.3	<0.01	0.05	1.7
FGL004 05+75W		0.36	8.8	390	17.1	9.8	<0.001	0.01	1.83	1.4	0.4	0.4	18.7	<0.01	0.05	<0.2
FGL004 06+00W		1.40	11.6	640	20.7	12.2	<0.001	<0.01	2.76	2.3	0.2	0.7	19.9	0.01	0.03	1.6
FGL004 06+25W		0.97	14.0	330	27.3	15.7	<0.001	<0.01	12.05	2.7	0.4	0.5	18.8	<0.01	0.08	4.7
FGL004 06+50W		3.32	30.0	270	58.2	33.5	<0.001	0.01	9.16	5.5	0.4	0.8	27.7	<0.01	0.11	7.3
FGL004 06+75W		1.02	27.9	210	24.0	9.2	<0.001	0.01	14.65	4.8	0.5	0.5	20.3	<0.01	0.33	6.5
FGL004 07+00W		1.37	29.3	430	36.4	12.7	<0.001	0.02	11.60	3.5	0.4	0.6	22.8	<0.01	0.06	3.9
FGL004 07+25W		1.33	25.3	250	28.7	9.6	<0.001	<0.01	7.34	3.2	0.2	0.6	22.4	<0.01	0.04	3.6
FGL004 07+50W		1.31	12.4	260	101.5	15.5	<0.001	0.01	19.95	2.3	0.2	0.9	18.0	<0.01	0.04	2.2
FGL004 07+75W		0.93	9.2	340	139.5	15.0	<0.001	0.03	15.00	1.7	0.3	1.4	13.3	<0.01	0.03	2.0
FGL004 08+00W		1.31	16.3	310	92.4	16.3	<0.001	0.02	13.40	3.2	0.3	1.0	28.7	<0.01	0.05	2.9
FGL004 08+25W		1.73	21.1	200	33.1	31.1	<0.001	<0.01	6.19	3.3	0.2	0.6	31.0	<0.01	0.05	4.8
FGL004 08+50W		2.82	39.6	250	20.9	37.3	<0.001	0.05	27.9	9.9	1.3	0.6	51.3	<0.01	0.06	10.6
FGL004 08+75W		1.91	25.7	290	15.7	27.3	<0.001	<0.01	6.21	3.3	0.7	0.5	23.8	<0.01	0.06	3.3
FGL004 09+00W		1.56	20.5	360	29.1	31.5	<0.001	<0.01	8.17	5.5	<0.2	0.6	40.6	<0.01	0.03	5.5
FGL004 09+25W		1.22	21.4	450	170.0	31.6	<0.001	0.03	23.8	5.6	0.3	1.0	34.0	<0.01	0.06	5.8
FGL004 09+50W		1.12	18.8	150	116.5	23.3	<0.001	0.01	15.60	4.4	<0.2	0.8	22.8	<0.01	0.04	6.9
FGL004 09+75W		0.56	10.5	500	30.6	18.9	<0.001	0.03	4.45	2.5	<0.2	0.4	35.2	<0.01	0.02	0.7
FGL004 10+00W		0.62	8.9	720	27.0	20.3	<0.001	0.04	1.63	1.8	<0.2	0.5	20.9	<0.01	0.04	0.3
FGL004 10+25W		1.39	14.2	550	49.8	20.7	<0.001	0.02	1.23	3.8	<0.2	0.7	22.3	<0.01	0.04	1.6

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

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44 - 12TH AVENUE SOUTH
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CRANBROOK BC V1C 2R7

Finalized Date: 15- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- TELOEX

CERTIFICATE OF ANALYSIS WH13156422

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
FGL004 00+50W		0.046	0.13	0.97	37	0.16	13.00	36	0.6
FGL004 00+75W		0.043	0.20	3.63	53	0.26	23.9	48	1.7
FGL004 01+00W		0.075	0.18	1.43	54	0.31	16.05	71	1.2
FGL004 01+25W		0.065	0.23	0.62	50	0.21	4.43	54	<0.5
FGL004 01+50W		0.059	0.22	0.40	37	0.19	1.96	35	<0.5
FGL004 01+75W		0.072	0.14	0.50	48	0.20	2.84	58	<0.5
FGL004 02+00W		0.065	0.16	0.55	53	0.22	3.41	67	<0.5
FGL004 02+25W		0.037	0.09	0.53	25	0.09	4.17	25	<0.5
FGL004 02+50W		0.071	0.18	0.89	51	0.22	6.10	82	1.0
FGL004 02+75W		0.084	0.20	0.91	55	0.37	5.33	111	0.7
FGL004 03+00W		0.104	0.23	0.74	59	0.31	4.22	156	0.9
FGL004 03+25W		0.105	0.25	0.95	61	0.23	6.00	218	0.9
FGL004 03+50W		0.050	0.15	1.08	34	0.12	3.99	95	<0.5
FGL004 03+75W		0.108	0.27	1.15	57	0.25	6.64	219	0.8
FGL004 04+00W		0.108	0.29	1.23	58	0.46	8.44	214	0.8
FGL004 04+25W		0.101	0.30	1.13	59	0.21	6.46	203	0.6
FGL004 04+50W		0.102	0.33	1.42	58	0.23	8.63	236	1.3
FGL004 04+75W		0.061	0.23	1.45	43	0.25	5.65	218	0.8
FGL004 05+00W		0.085	0.54	0.72	66	0.40	5.11	378	1.1
FGL004 05+25W		0.073	0.27	0.69	55	0.20	3.80	263	0.6
FGL004 05+50W		0.098	0.50	0.70	70	0.17	4.64	270	0.5
FGL004 05+75W		0.038	0.17	0.72	29	0.28	4.01	102	<0.5
FGL004 06+00W		0.071	0.15	0.55	60	0.21	2.91	148	<0.5
FGL004 06+25W		0.042	0.22	0.85	43	0.21	5.78	357	0.8
FGL004 06+50W		0.092	0.57	0.67	69	0.29	4.63	656	1.6
FGL004 06+75W		0.040	0.23	0.87	55	0.19	4.47	299	2.8
FGL004 07+00W		0.067	0.23	0.70	59	0.24	4.21	94	1.5
FGL004 07+25W		0.068	0.16	0.55	55	0.25	3.16	66	2.2
FGL004 07+50W		0.065	0.18	0.46	53	0.33	2.12	113	0.9
FGL004 07+75W		0.054	0.22	0.56	47	0.23	2.51	122	0.7
FGL004 08+00W		0.079	0.23	0.66	55	0.50	4.04	142	0.7
FGL004 08+25W		0.140	0.30	0.70	77	0.25	4.36	88	2.0
FGL004 08+50W		0.171	0.88	1.36	186	0.40	7.53	82	2.7
FGL004 08+75W		0.073	0.26	0.83	80	0.36	4.84	60	1.1
FGL004 09+00W		0.110	0.34	0.55	80	0.31	4.89	87	1.5
FGL004 09+25W		0.108	0.52	0.82	74	0.45	7.42	388	2.9
FGL004 09+50W		0.079	0.35	0.66	61	0.20	4.31	266	4.8
FGL004 09+75W		0.060	0.23	0.54	41	0.25	8.20	102	0.5
FGL004 10+00W		0.054	0.28	0.61	30	0.23	3.14	55	<0.5
FGL004 10+25W		0.076	0.25	1.04	55	0.22	5.28	98	0.7

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Project: ALSM- CW13- 042- TELOEX

CERTIFICATE OF ANALYSIS WH13156422

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- TL44 Au ppm 0.001	ME- MS41 Ag ppm 0.01	ME- MS41 Al % 0.01	ME- MS41 As ppm 0.1	ME- MS41 Au ppm 0.2	ME- MS41 B ppm 10	ME- MS41 Ba ppm 10	ME- MS41 Be ppm 0.05	ME- MS41 Bi ppm 0.01	ME- MS41 Ca % 0.01	ME- MS41 Cd ppm 0.01	ME- MS41 Ce ppm 0.02	ME- MS41 Co ppm 0.1	ME- MS41 Cr ppm 1
FGL004 10+50W		0.62	0.008	0.65	1.83	35.4	<0.2	<10	180	0.44	1.14	0.28	0.43	24.6	8.8	28
FGL004 10+75W		0.58	0.009	0.47	1.83	45.3	<0.2	<10	190	0.45	1.01	0.40	0.49	27.0	11.0	31
FGL004 11+00W		0.48	0.005	0.42	1.25	29.3	<0.2	<10	150	0.36	0.74	0.27	0.23	20.5	7.5	20
FGL004 11+25W		0.38	0.016	0.99	1.22	32.8	<0.2	<10	130	0.39	0.37	0.27	0.59	15.10	4.3	14
FGL004 11+50W		0.54	0.009	0.31	1.54	37.7	<0.2	<10	140	0.44	0.54	0.29	0.44	21.1	8.3	23
FGL004 11+75W		0.34	0.005	0.40	1.28	19.1	<0.2	<10	140	0.43	0.42	0.26	0.50	18.45	6.4	19
FGL004 12+00W		0.54	0.006	0.34	1.42	35.1	<0.2	<10	180	0.33	0.48	0.26	0.39	15.10	6.8	17
FGL019 00+00		0.62	0.004	0.04	1.20	28.9	<0.2	<10	120	0.43	0.19	0.36	0.11	25.2	7.8	20
FGL019 00+25N		0.34	0.005	0.20	1.06	14.9	<0.2	<10	140	0.42	0.14	0.23	0.12	19.30	5.9	14
FGL019 00+50N		0.48	0.006	0.95	1.67	119.5	<0.2	<10	200	0.47	0.48	0.25	0.13	22.5	18.0	28
FGL019 00+75N		0.48	0.008	2.22	1.33	94.4	<0.2	<10	170	0.41	0.28	0.24	0.21	20.2	12.2	20
FGL019 01+00N		0.50	0.009	0.64	1.53	26.2	<0.2	<10	160	0.52	0.27	0.30	0.26	25.6	9.6	22
FGL019 01+25N		0.57	0.007	1.92	1.81	102.5	<0.2	<10	210	0.63	0.34	0.31	0.53	31.9	13.9	30
FGL019 01+50N		0.41	0.013	0.19	1.68	19.9	<0.2	<10	150	0.68	0.74	0.21	0.23	21.9	9.4	25
FGL019 01+75N		0.39	0.008	0.19	1.40	15.0	<0.2	<10	180	0.53	0.72	0.35	0.19	27.9	8.4	26
FGL019 02+00N		0.38	0.004	0.20	2.70	15.3	<0.2	<10	110	0.57	0.33	0.14	0.37	18.95	9.8	37
FGL020 00+00		0.48	0.019	0.59	1.89	19.6	<0.2	<10	180	0.79	0.91	0.27	0.20	28.1	8.9	31
FGL020 00+25S		0.17	0.009	0.54	0.80	9.2	<0.2	<10	100	0.43	0.37	0.12	0.14	17.40	3.7	10
FGL020 00+50S		0.19	0.016	0.49	1.45	21.1	<0.2	<10	130	0.53	1.09	0.16	0.29	18.10	8.0	25
FGL020 00+75S		0.31	0.406	0.65	1.51	39.3	<0.2	<10	160	0.56	1.38	0.17	0.41	23.1	10.3	25
FGL020 01+00S		0.16	0.066	2.69	2.29	44.0	<0.2	<10	770	1.62	0.90	0.39	0.35	66.3	9.6	30
FGL020 01+25S		0.26	0.015	0.58	0.82	27.0	<0.2	<10	170	0.43	0.33	0.17	0.26	17.90	7.2	14
FGL020 01+50S		0.27	0.018	0.22	1.55	24.6	<0.2	<10	200	0.56	0.20	0.25	0.23	28.0	15.8	24
FGL020 01+75S		0.52	0.006	0.24	2.00	29.1	<0.2	<10	200	0.64	0.27	0.36	0.38	32.9	15.2	38
FGL020 02+00S		Not Recvd														
FGL021 00+00		0.51	0.009	0.29	2.45	82.6	<0.2	<10	300	1.02	0.38	0.34	0.21	34.1	14.1	35
FGL021 00+25N		0.52	0.007	0.58	1.85	55.7	<0.2	<10	250	1.14	0.41	0.18	0.52	36.9	32.3	32
FGL021 00+50N		0.44	0.009	0.42	1.65	79.2	<0.2	<10	180	0.45	0.71	0.22	0.23	26.4	8.6	28
FGL021 00+75N		0.35	0.005	0.41	2.61	16.0	<0.2	<10	190	0.70	0.36	0.18	0.24	23.8	10.1	35
FGL021 01+00N		0.38	0.003	0.23	1.94	18.5	<0.2	<10	130	0.49	0.65	0.13	0.17	19.40	8.4	30
FGL021 01+25N		0.37	0.021	0.81	1.79	23.4	<0.2	<10	200	1.20	1.08	0.32	0.24	38.4	9.8	34
FGL021 01+50N		0.30	0.007	0.36	2.03	20.9	<0.2	<10	120	0.69	0.67	0.18	0.29	21.9	8.5	31
FGL021 01+75N		0.47	0.010	0.28	1.59	13.9	<0.2	<10	160	0.64	0.59	0.28	0.25	28.1	7.2	25
FGL021 02+00N		0.52	0.011	0.36	1.41	13.7	<0.2	<10	140	0.53	0.63	0.30	0.16	27.2	6.4	25
FGL022 00+00		0.67	0.008	0.26	1.89	27.3	<0.2	<10	360	0.72	0.23	0.35	0.18	37.2	10.5	28
FGL022 00+25N		0.50	0.013	0.13	1.98	47.9	<0.2	<10	260	0.65	0.37	0.32	0.26	36.7	16.6	28
FGL022 00+50N		0.36	0.005	0.14	1.91	36.8	<0.2	<10	140	0.56	0.29	0.25	0.27	24.0	11.5	30
FGL022 00+75N		0.36	0.004	0.24	1.48	19.5	<0.2	<10	150	0.35	0.46	0.19	0.21	19.90	5.0	21
FGL022 01+00N		0.36	0.008	0.51	1.52	30.1	<0.2	<10	70	0.48	1.10	0.17	0.26	21.5	7.2	25
FGL022 01+25N		0.42	0.005	0.31	2.06	17.6	<0.2	<10	110	0.48	0.48	0.13	0.21	18.30	5.5	27

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	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
FGL004 10+50W		3.78	25.7	2.47	6.42	0.05	0.03	0.03	0.053	0.13	13.1	13.1	0.61	249	1.13	0.02
FGL004 10+75W		3.47	28.0	2.72	6.29	0.06	0.07	0.03	0.054	0.16	14.2	13.6	0.68	420	1.37	0.02
FGL004 11+00W		2.29	23.4	1.84	4.76	<0.05	0.03	0.02	0.031	0.10	11.0	7.9	0.41	254	0.77	0.02
FGL004 11+25W		1.85	35.3	1.31	4.38	<0.05	<0.02	0.03	0.043	0.09	8.3	6.0	0.25	169	0.80	0.03
FGL004 11+50W		2.56	28.1	2.20	5.82	0.05	0.03	0.02	0.044	0.15	11.5	12.7	0.61	289	1.29	0.01
FGL004 11+75W		2.15	26.5	1.85	5.10	<0.05	0.02	0.03	0.034	0.13	9.9	8.0	0.41	227	0.96	0.02
FGL004 12+00W		2.53	23.2	1.84	4.96	<0.05	0.02	0.02	0.038	0.19	8.2	8.0	0.46	263	0.83	0.02
FGL019 00+00		3.14	11.5	2.11	4.61	0.06	0.02	0.01	0.024	0.08	12.7	12.1	0.55	391	0.51	0.01
FGL019 00+25N		2.19	13.9	1.46	3.66	<0.05	<0.02	0.05	0.016	0.04	11.2	6.4	0.29	623	0.50	0.02
FGL019 00+50N		5.59	14.6	3.17	6.49	<0.05	0.02	0.05	0.041	0.07	12.5	13.3	0.54	2320	1.26	<0.01
FGL019 00+75N		5.30	13.4	2.62	5.16	<0.05	<0.02	0.10	0.036	0.06	11.0	7.8	0.37	1280	0.99	0.01
FGL019 01+00N		4.72	10.6	2.15	5.35	0.05	0.03	0.03	0.033	0.10	13.6	12.9	0.59	446	0.46	0.01
FGL019 01+25N		7.77	20.0	3.01	7.31	0.05	0.02	0.07	0.045	0.09	16.7	15.0	0.66	594	1.03	0.01
FGL019 01+50N		2.64	21.0	2.32	5.59	<0.05	0.08	0.03	0.030	0.06	11.5	14.1	0.44	494	1.39	0.01
FGL019 01+75N		2.29	21.0	2.24	4.42	0.06	0.09	0.02	0.027	0.08	13.9	11.5	0.51	480	0.91	0.01
FGL019 02+00N		1.90	18.5	3.59	8.01	<0.05	0.10	0.03	0.037	0.06	9.5	19.5	0.43	270	1.42	0.01
FGL020 00+00		3.80	56.0	2.63	5.96	0.05	0.03	0.05	0.038	0.09	16.0	13.6	0.51	522	1.29	<0.01
FGL020 00+25S		1.71	40.7	1.09	2.58	<0.05	<0.02	0.05	0.019	0.04	10.4	3.1	0.13	278	0.78	0.02
FGL020 00+50S		5.00	27.5	2.22	5.27	<0.05	0.02	0.06	0.044	0.08	9.2	11.4	0.37	636	2.96	0.01
FGL020 00+75S		3.84	26.8	2.58	5.42	<0.05	0.05	0.05	0.109	0.08	11.3	14.7	0.38	1120	1.57	0.01
FGL020 01+00S		7.88	63.5	2.70	5.29	0.12	0.03	0.27	0.058	0.09	51.6	11.2	0.38	785	1.83	0.01
FGL020 01+25S		5.27	17.1	1.78	3.82	<0.05	<0.02	0.06	0.025	0.05	9.0	4.5	0.17	745	0.75	0.01
FGL020 01+50S		6.99	15.8	2.62	5.55	<0.05	<0.02	0.05	0.032	0.09	13.4	10.9	0.54	1180	0.83	0.01
FGL020 01+75S		5.60	20.3	3.09	6.71	0.06	0.04	0.04	0.036	0.13	16.8	18.0	0.99	589	0.87	0.01
FGL020 02+00S																
FGL021 00+00		10.05	25.8	3.63	8.04	0.05	0.02	0.08	0.053	0.10	17.8	20.9	0.81	521	1.04	0.01
FGL021 00+25N		8.18	39.3	3.08	6.18	<0.05	<0.02	0.06	0.041	0.07	19.2	9.7	0.40	2370	1.73	0.01
FGL021 00+50N		6.52	18.4	2.72	6.38	<0.05	0.02	0.05	0.048	0.11	13.7	15.2	0.52	397	1.04	0.01
FGL021 00+75N		2.76	20.9	2.85	5.83	<0.05	0.07	0.04	0.035	0.08	11.5	17.1	0.51	367	1.08	0.01
FGL021 01+00N		2.53	17.8	3.16	7.06	<0.05	0.03	0.07	0.032	0.06	9.8	18.2	0.42	446	1.32	0.01
FGL021 01+25N		10.65	47.8	2.68	6.07	0.06	0.06	0.05	0.049	0.18	20.9	13.6	0.60	804	1.03	0.01
FGL021 01+50N		4.47	27.6	3.49	8.02	0.09	0.04	0.03	0.035	0.08	10.0	16.0	0.42	618	1.65	0.01
FGL021 01+75N		2.88	23.4	2.25	4.73	0.09	0.02	0.03	0.021	0.07	14.1	11.8	0.45	528	0.77	0.02
FGL021 02+00N		2.53	25.0	2.04	4.19	0.09	0.02	0.04	0.028	0.08	14.4	9.9	0.44	467	0.85	0.01
FGL022 00+00		7.22	17.9	3.30	6.15	0.11	0.03	0.05	0.026	0.09	20.1	14.5	0.76	439	0.54	0.01
FGL022 00+25N		7.34	17.2	3.47	6.31	0.10	0.04	0.03	0.037	0.13	16.6	17.7	0.71	1210	0.82	0.01
FGL022 00+50N		5.50	19.4	3.08	5.85	0.09	0.06	0.02	0.029	0.11	10.6	17.8	0.58	545	0.79	0.01
FGL022 00+75N		1.76	10.7	2.65	8.03	0.08	0.03	0.02	0.019	0.06	9.0	9.4	0.26	278	1.32	0.01
FGL022 01+00N		5.29	16.5	3.11	5.38	0.09	0.05	0.07	0.028	0.08	9.2	13.8	0.43	424	1.80	0.01
FGL022 01+25N		2.22	14.4	3.30	8.30	0.08	0.03	0.05	0.024	0.06	8.1	16.0	0.33	284	1.50	0.01

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

ALS Canada Ltd.
2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 15- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- TELOEX

CERTIFICATE OF ANALYSIS WH13156422

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
FGL004 10+50W		1.76	16.2	580	62.3	22.2	<0.001	0.01	1.24	4.8	<0.2	0.9	23.4	<0.01	0.05	3.4
FGL004 10+75W		2.06	17.7	760	39.3	23.9	<0.001	0.01	1.32	5.6	0.4	0.9	29.2	<0.01	0.04	5.3
FGL004 11+00W		1.25	12.7	590	24.8	15.7	<0.001	0.01	0.73	3.7	<0.2	0.6	21.2	<0.01	0.03	2.6
FGL004 11+25W		0.92	10.4	440	31.9	16.0	<0.001	0.02	0.70	2.2	<0.2	0.5	23.7	<0.01	0.02	0.8
FGL004 11+50W		1.85	15.3	460	29.9	22.4	<0.001	<0.01	1.36	4.1	<0.2	0.7	23.1	<0.01	0.03	2.8
FGL004 11+75W		1.11	11.9	510	24.8	19.8	<0.001	0.02	0.76	2.7	<0.2	0.6	23.5	<0.01	0.02	0.8
FGL004 12+00W		1.00	10.9	450	29.8	24.9	<0.001	<0.01	0.99	3.0	<0.2	0.4	21.7	<0.01	0.03	2.1
FGL019 00+00		0.84	14.7	990	9.6	12.9	<0.001	<0.01	2.57	3.4	<0.2	0.4	23.4	<0.01	0.02	2.6
FGL019 00+25N		0.41	7.9	820	7.8	8.4	<0.001	0.03	1.49	2.0	0.2	0.3	18.8	<0.01	0.02	0.6
FGL019 00+50N		0.86	13.1	1040	59.9	15.2	<0.001	0.02	4.31	3.2	0.2	0.5	20.1	<0.01	0.02	1.8
FGL019 00+75N		0.57	9.3	1240	144.5	15.0	<0.001	0.04	3.58	2.7	0.2	0.4	18.7	<0.01	0.02	0.9
FGL019 01+00N		1.01	12.3	880	80.9	17.0	<0.001	<0.01	3.56	4.2	<0.2	0.5	18.7	<0.01	0.02	4.6
FGL019 01+25N		1.09	15.0	1160	235	19.4	<0.001	0.03	8.22	5.5	0.2	0.6	24.3	<0.01	0.02	2.5
FGL019 01+50N		1.71	15.1	550	17.6	12.1	<0.001	<0.01	2.63	3.4	<0.2	0.6	22.7	0.01	0.16	5.5
FGL019 01+75N		1.02	17.8	860	15.8	12.1	<0.001	<0.01	2.40	3.6	<0.2	0.5	26.9	<0.01	0.08	5.9
FGL019 02+00N		2.86	18.5	420	16.6	10.0	<0.001	0.01	0.99	4.0	0.2	0.8	17.1	0.03	0.06	3.9
FGL020 00+00		1.28	17.5	640	20.7	14.5	<0.001	0.01	4.03	3.7	0.3	0.6	19.8	<0.01	0.06	4.3
FGL020 00+25S		0.24	5.8	520	11.7	7.2	<0.001	0.03	3.03	1.0	0.2	0.2	11.9	<0.01	0.04	0.3
FGL020 00+50S		0.84	13.2	610	22.6	15.3	<0.001	0.01	3.90	2.6	<0.2	0.5	14.9	<0.01	0.10	2.2
FGL020 00+75S		1.49	14.1	520	56.5	13.9	<0.001	0.01	14.20	3.3	<0.2	0.5	16.1	<0.01	0.09	6.4
FGL020 01+00S		0.67	21.8	1530	32.8	18.6	<0.001	0.10	6.66	4.7	2.3	0.4	32.4	<0.01	0.08	1.2
FGL020 01+25S		0.26	6.9	650	17.9	10.2	<0.001	0.03	2.87	1.6	<0.2	0.3	15.9	<0.01	0.03	0.3
FGL020 01+50S		0.70	11.9	960	25.6	15.0	<0.001	0.03	3.08	4.2	<0.2	0.5	18.7	<0.01	0.02	1.2
FGL020 01+75S		1.18	19.7	940	18.1	20.9	<0.001	0.01	3.64	7.5	0.3	0.6	23.0	<0.01	0.03	4.3
FGL020 02+00S																
FGL021 00+00		1.04	20.1	1290	15.5	20.6	<0.001	0.03	3.89	6.6	0.3	0.7	26.0	<0.01	0.03	2.5
FGL021 00+25N		0.50	15.5	1290	24.6	18.1	<0.001	0.05	4.91	3.8	0.4	0.6	17.5	<0.01	0.03	0.7
FGL021 00+50N		1.23	13.7	560	53.3	17.4	<0.001	0.01	4.27	3.7	<0.2	0.6	17.8	<0.01	0.04	2.3
FGL021 00+75N		2.05	21.0	540	15.5	14.8	<0.001	0.01	1.34	4.3	<0.2	0.6	19.4	0.02	0.05	4.7
FGL021 01+00N		1.68	16.0	510	15.6	11.9	<0.001	0.03	1.73	2.8	0.2	0.6	13.9	<0.01	0.11	1.7
FGL021 01+25N		1.15	18.6	810	24.6	24.4	<0.001	0.01	5.41	5.4	0.3	0.6	23.8	<0.01	0.08	8.5
FGL021 01+50N		1.94	15.5	590	23.3	15.6	<0.001	0.02	3.05	3.2	0.5	0.7	17.2	<0.01	0.07	4.1
FGL021 01+75N		1.09	15.8	720	18.3	11.3	<0.001	0.01	2.27	2.7	0.7	0.5	17.9	<0.01	0.05	2.9
FGL021 02+00N		1.09	13.2	760	28.1	11.6	<0.001	0.01	3.20	2.9	0.2	0.4	16.9	<0.01	0.06	3.4
FGL022 00+00		1.04	15.4	900	13.1	15.2	<0.001	<0.01	3.32	7.5	0.8	0.5	21.0	<0.01	0.03	3.7
FGL022 00+25N		1.11	17.8	760	38.5	19.2	<0.001	0.01	4.66	5.3	0.4	0.6	19.9	<0.01	0.03	5.2
FGL022 00+50N		1.42	18.0	680	24.3	14.9	<0.001	0.01	3.41	4.2	0.3	0.5	17.3	<0.01	0.06	4.2
FGL022 00+75N		1.93	8.5	420	15.3	10.3	<0.001	0.01	1.29	2.4	0.4	0.7	20.1	0.01	0.05	2.4
FGL022 01+00N		1.50	12.3	480	26.3	13.6	<0.001	0.01	3.82	3.2	0.3	0.5	11.8	<0.01	0.17	5.0
FGL022 01+25N		2.33	11.4	400	14.9	10.5	<0.001	0.01	1.57	2.6	0.3	0.7	12.3	0.01	0.09	3.6

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

ALS Canada Ltd.
2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 15- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- TELOEX

CERTIFICATE OF ANALYSIS WH13156422

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
FGL004 10+50W		0.096	0.32	1.04	60	0.27	5.33	123	1.1
FGL004 10+75W		0.113	0.30	1.08	68	0.29	6.93	121	2.5
FGL004 11+00W		0.073	0.19	0.81	48	0.26	5.09	72	1.0
FGL004 11+25W		0.051	0.14	1.16	32	0.17	5.65	67	0.5
FGL004 11+50W		0.105	0.25	0.67	63	0.28	5.41	83	1.2
FGL004 11+75W		0.079	0.18	0.71	54	0.54	4.97	61	0.7
FGL004 12+00W		0.090	0.30	0.54	48	0.53	3.68	77	0.8
FGL019 00+00		0.066	0.29	0.58	52	0.22	5.39	49	0.7
FGL019 00+25N		0.041	0.23	1.01	38	0.14	6.53	30	<0.5
FGL019 00+50N		0.056	0.57	0.77	65	0.30	5.02	85	0.7
FGL019 00+75N		0.041	0.40	0.88	55	0.21	4.80	79	0.5
FGL019 01+00N		0.063	0.39	0.72	51	0.20	5.34	90	1.1
FGL019 01+25N		0.051	0.59	1.05	64	0.24	7.60	178	0.7
FGL019 01+50N		0.065	0.25	0.87	50	0.27	5.01	53	2.5
FGL019 01+75N		0.076	0.21	1.10	49	0.27	6.91	48	3.3
FGL019 02+00N		0.097	0.17	0.61	80	0.27	3.26	48	3.6
FGL020 00+00		0.063	0.22	2.33	58	0.34	8.13	67	0.9
FGL020 00+25S		0.027	0.11	2.29	23	2.34	7.30	26	<0.5
FGL020 00+50S		0.048	0.30	1.73	47	10.80	5.65	73	0.6
FGL020 00+75S		0.064	0.32	0.98	50	0.34	5.94	76	1.7
FGL020 01+00S		0.030	0.72	5.50	45	0.31	45.8	58	0.7
FGL020 01+25S		0.037	0.40	1.05	43	0.14	4.18	39	<0.5
FGL020 01+50S		0.048	0.64	0.84	57	0.25	5.92	59	<0.5
FGL020 01+75S		0.084	0.48	0.92	71	0.30	8.27	105	1.5
FGL020 02+00S									
FGL021 00+00		0.060	0.73	1.63	84	0.25	7.38	65	0.7
FGL021 00+25N		0.039	1.19	2.36	69	0.33	7.57	68	<0.5
FGL021 00+50N		0.069	0.48	0.66	62	0.24	5.22	66	0.6
FGL021 00+75N		0.087	0.26	0.67	58	0.34	4.42	57	2.2
FGL021 01+00N		0.077	0.21	0.62	69	0.40	3.30	55	1.1
FGL021 01+25N		0.061	0.50	2.19	52	0.39	11.70	92	2.5
FGL021 01+50N		0.077	0.27	1.19	75	0.33	3.77	73	1.6
FGL021 01+75N		0.066	0.20	1.58	49	0.24	5.89	64	0.8
FGL021 02+00N		0.069	0.22	2.17	44	0.21	5.88	64	0.9
FGL022 00+00		0.071	0.67	1.63	68	0.24	13.45	57	0.8
FGL022 00+25N		0.088	0.63	0.99	69	0.25	6.77	84	1.7
FGL022 00+50N		0.080	0.33	0.64	61	0.26	4.69	66	2.5
FGL022 00+75N		0.100	0.19	0.55	80	0.23	2.59	34	1.1
FGL022 01+00N		0.078	0.27	0.82	59	0.24	4.13	53	2.1
FGL022 01+25N		0.088	0.18	0.87	78	0.39	2.63	48	1.5

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

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 15- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- TELOEX

CERTIFICATE OF ANALYSIS WH13156422

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- TL44 Au ppm 0.001	ME- MS41 Ag ppm 0.01	ME- MS41 Al % 0.01	ME- MS41 As ppm 0.1	ME- MS41 Au ppm 0.2	ME- MS41 B ppm 10	ME- MS41 Ba ppm 10	ME- MS41 Be ppm 0.05	ME- MS41 Bi ppm 0.01	ME- MS41 Ca % 0.01	ME- MS41 Cd ppm 0.01	ME- MS41 Ce ppm 0.02	ME- MS41 Co ppm 0.1	ME- MS41 Cr ppm 1
FGL022 01+50N		0.28	0.005	0.26	0.86	9.4	<0.2	<10	70	0.27	0.32	0.09	0.12	10.90	3.0	12
FGL022 01+75N		0.39	0.015	0.81	1.55	19.5	<0.2	<10	170	0.65	1.67	0.35	0.21	22.2	5.8	23
FGL022 02+00N		0.46	0.020	0.45	1.75	17.3	<0.2	<10	190	0.94	0.68	0.33	0.12	37.9	6.9	29
FGL023 00+00		Not Recvd														
FGL023 00+25S		0.31	0.008	0.18	1.78	23.2	<0.2	<10	150	0.71	0.77	0.24	0.15	32.0	8.9	30
FGL023 00+50S		0.53	0.052	0.60	1.68	22.4	<0.2	<10	220	1.01	1.07	0.40	0.17	43.7	7.7	30
FGL023 00+75S		0.37	0.011	0.16	2.02	27.1	<0.2	<10	170	0.75	0.58	0.29	0.29	29.3	11.2	34
FGL023 01+00S		0.44	0.018	1.15	2.07	39.7	<0.2	<10	430	0.95	1.33	0.27	0.15	51.4	7.6	32
FGL023 01+25S		0.48	0.017	0.92	1.60	53.9	<0.2	<10	140	0.89	2.85	0.21	0.23	32.2	7.5	29
FGL023 01+50S		0.33	0.049	3.96	2.81	129.5	<0.2	<10	720	1.60	0.83	0.26	0.66	70.4	11.6	47
FGL023 01+75S		0.30	0.017	0.82	0.99	56.8	<0.2	<10	190	0.43	0.37	0.15	0.29	20.0	4.6	17
FGL023 02+00S		0.43	0.016	0.81	1.87	41.5	<0.2	<10	200	0.61	0.29	0.24	0.20	25.3	7.6	30
FGL012 00+00		0.47	0.006	0.92	1.73	41.4	<0.2	<10	270	0.45	0.25	0.40	0.15	32.2	8.3	21
FGL012 00+25N		0.40	0.004	0.15	1.06	24.1	<0.2	<10	80	0.18	0.18	0.16	0.17	16.95	4.6	16
FGL012 00+50N		0.34	0.001	0.12	0.43	4.7	<0.2	<10	40	0.09	0.05	0.15	0.03	6.03	2.6	5
FGL012 00+75N		0.56	0.002	0.28	5.79	39.1	<0.2	<10	180	0.95	0.20	0.20	0.29	51.1	24.4	149
FGL012 01+00N		0.38	0.008	0.63	1.77	53.3	<0.2	<10	230	0.49	0.20	0.38	0.64	39.1	8.4	22
FGL013 00+00		0.47	0.014	0.44	1.68	38.5	<0.2	<10	180	0.32	0.23	0.22	0.47	20.9	7.2	24
FGL013 00+25S		0.42	0.002	0.23	1.62	16.7	<0.2	<10	130	0.31	0.23	0.15	0.23	18.50	6.4	21
FGL013 00+50S		0.48	0.003	0.22	2.34	44.3	<0.2	<10	240	0.52	0.21	0.24	0.19	23.7	14.6	30
FGL013 00+75S		0.38	0.001	0.16	1.25	14.9	<0.2	<10	100	0.21	0.21	0.19	0.20	15.30	5.4	18
FGL013 01+00S		0.38	0.001	0.08	1.02	7.4	<0.2	<10	80	0.15	0.10	0.15	0.11	7.65	5.0	12
FGL014 00+00		0.48	0.002	0.15	1.77	13.4	<0.2	<10	170	0.47	0.19	0.23	0.09	28.4	7.3	26
FGL014 00+25N		0.35	0.001	0.07	0.46	4.0	<0.2	<10	50	0.08	0.08	0.16	0.11	7.58	2.8	6
FGL014 00+50N		0.42	0.002	0.06	0.97	13.4	<0.2	<10	80	0.15	0.19	0.26	0.14	16.35	3.8	16
FGL014 00+75N		0.58	0.003	0.14	1.78	19.1	<0.2	<10	230	0.36	0.17	0.45	0.08	25.2	8.1	25
FGL014 01+00N		0.49	0.004	0.19	1.56	54.1	<0.2	<10	270	0.44	0.20	0.38	0.25	32.1	7.9	21

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

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

To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 15- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- TELOEX

CERTIFICATE OF ANALYSIS WH13156422

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
FGL022 01+50N		2.13	9.8	1.34	3.81	0.08	<0.02	0.04	0.015	0.05	5.8	4.2	0.16	203	0.66	0.02
FGL022 01+75N		3.87	43.2	2.16	4.97	0.09	<0.02	0.04	0.031	0.08	11.2	10.3	0.41	472	1.08	0.02
FGL022 02+00N		4.29	38.0	2.44	5.16	0.10	0.03	0.04	0.030	0.09	22.5	12.8	0.53	468	1.11	0.01
FGL023 00+00																
FGL023 00+25S		4.02	23.2	2.63	5.22	0.10	0.05	0.05	0.037	0.09	14.7	13.3	0.52	881	1.16	0.01
FGL023 00+50S		5.97	44.8	2.54	5.01	0.12	0.06	0.05	0.044	0.11	25.2	11.2	0.57	618	1.02	0.01
FGL023 00+75S		5.99	18.4	3.05	6.47	0.09	0.04	0.03	0.034	0.13	13.0	16.7	0.66	1200	1.21	0.01
FGL023 01+00S		5.91	34.5	2.75	6.03	0.13	0.02	0.09	0.043	0.09	31.3	13.0	0.54	480	1.66	0.01
FGL023 01+25S		10.95	57.6	2.59	5.72	0.10	0.03	0.11	0.036	0.11	17.0	13.4	0.52	774	2.96	0.01
FGL023 01+50S		11.50	74.2	4.04	7.75	0.13	<0.02	0.25	0.067	0.14	42.9	16.0	0.63	708	1.50	0.01
FGL023 01+75S		4.64	21.7	1.88	4.34	0.09	<0.02	0.06	0.025	0.07	9.5	5.8	0.23	466	0.81	0.02
FGL023 02+00S		3.68	21.1	2.62	5.87	0.09	0.05	0.08	0.029	0.11	12.3	15.7	0.61	382	0.64	0.01
FGL012 00+00		5.10	35.0	2.20	5.22	0.10	0.02	0.05	0.020	0.10	23.9	11.1	0.41	552	0.61	0.03
FGL012 00+25N		1.14	10.5	1.90	4.85	0.08	0.02	0.01	0.010	0.07	7.6	6.9	0.25	168	0.83	0.02
FGL012 00+50N		0.55	5.1	1.00	2.09	0.08	<0.02	0.01	0.005	0.04	2.7	1.6	0.07	106	0.20	0.04
FGL012 00+75N		25.1	12.7	6.87	18.45	0.19	0.05	0.01	0.037	0.99	36.8	34.8	4.06	703	0.58	0.02
FGL012 01+00N		6.81	23.6	2.25	5.22	0.09	0.02	0.04	0.030	0.12	25.7	8.3	0.37	982	0.66	0.03
FGL013 00+00		2.42	19.3	2.59	5.96	0.07	<0.02	0.02	0.021	0.07	9.7	11.8	0.42	446	0.76	0.02
FGL013 00+25S		1.97	13.2	2.16	6.47	0.09	0.03	0.01	0.018	0.07	8.4	12.2	0.31	378	0.84	0.01
FGL013 00+50S		2.85	18.5	2.94	7.15	0.09	0.02	0.03	0.022	0.07	10.7	14.8	0.51	891	0.83	0.02
FGL013 00+75S		0.96	11.4	2.09	5.23	0.08	0.02	0.01	0.014	0.06	6.8	7.6	0.31	148	0.62	0.02
FGL013 01+00S		1.51	8.2	1.49	3.78	0.07	<0.02	0.01	0.009	0.06	3.7	6.7	0.33	204	0.42	0.03
FGL014 00+00		1.82	16.5	2.52	6.40	0.10	0.02	0.01	0.019	0.07	16.2	12.1	0.44	305	0.79	0.02
FGL014 00+25N		1.82	8.1	0.96	2.60	0.08	<0.02	0.01	<0.005	0.05	3.8	2.4	0.12	165	0.24	0.03
FGL014 00+50N		2.43	8.2	1.56	5.17	0.08	0.02	0.02	0.012	0.07	7.5	8.0	0.36	164	0.62	0.02
FGL014 00+75N		3.77	13.4	2.47	5.66	0.09	0.02	0.02	0.021	0.07	16.5	16.1	0.66	304	0.54	0.02
FGL014 01+00N		3.85	19.3	2.94	5.40	0.09	<0.02	0.02	0.027	0.08	19.5	12.3	0.43	734	0.92	0.02

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

ALS Canada Ltd.
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 15- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- TELOEX

CERTIFICATE OF ANALYSIS WH13156422

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
FGL022 01+50N		0.59	5.6	340	8.5	8.5	<0.001	0.02	1.56	1.1	<0.2	0.3	9.6	<0.01	0.04	0.3
FGL022 01+75N		1.01	13.2	740	22.2	12.7	<0.001	0.02	4.68	2.7	0.8	0.4	24.1	<0.01	0.06	2.2
FGL022 02+00N		1.13	16.1	700	20.5	13.6	<0.001	0.01	3.28	4.7	0.6	0.5	23.1	<0.01	0.06	5.7
FGL023 00+00																
FGL023 00+25S		1.44	15.5	510	21.1	14.4	<0.001	0.01	3.46	3.5	1.1	0.5	15.6	<0.01	0.07	6.0
FGL023 00+50S		1.03	16.0	730	28.4	17.7	<0.001	0.01	5.41	5.5	0.7	0.5	25.6	<0.01	0.07	8.7
FGL023 00+75S		1.53	20.0	660	24.5	19.6	<0.001	0.01	2.85	4.5	0.6	0.6	20.7	<0.01	0.09	6.0
FGL023 01+00S		1.00	17.6	720	33.8	16.2	<0.001	0.02	3.77	5.1	1.3	0.5	22.4	<0.01	0.26	2.1
FGL023 01+25S		1.08	15.3	590	50.5	19.2	<0.001	0.01	6.92	4.0	0.5	0.5	17.2	<0.01	0.58	5.9
FGL023 01+50S		0.93	27.6	1310	127.0	25.8	<0.001	0.05	6.53	6.2	1.5	0.6	26.2	<0.01	0.10	1.1
FGL023 01+75S		0.50	8.6	510	39.5	14.4	<0.001	0.02	4.20	2.0	0.5	0.4	14.7	<0.01	0.03	0.3
FGL023 02+00S		1.39	17.3	620	23.8	15.5	<0.001	0.01	2.30	4.4	0.6	0.5	17.8	<0.01	0.01	2.9
FGL012 00+00		1.04	14.8	460	16.1	20.6	<0.001	0.01	1.23	4.1	0.8	0.4	22.9	<0.01	0.02	2.7
FGL012 00+25N		1.34	9.1	170	12.6	9.6	<0.001	0.01	1.15	1.7	0.2	0.5	14.9	<0.01	0.02	1.9
FGL012 00+50N		0.26	2.6	460	2.6	4.4	<0.001	<0.01	0.18	0.6	0.2	<0.2	10.8	<0.01	0.02	0.3
FGL012 00+75N		0.39	73.9	260	18.2	102.0	<0.001	<0.01	1.39	20.8	0.5	0.9	13.9	<0.01	0.02	5.9
FGL012 01+00N		0.80	14.2	390	20.5	20.4	<0.001	0.01	0.96	5.2	0.8	0.4	24.4	<0.01	0.03	3.5
FGL013 00+00		1.24	13.1	290	23.2	11.8	<0.001	<0.01	0.89	3.1	0.4	0.5	17.6	<0.01	0.03	2.4
FGL013 00+25S		1.55	10.7	270	15.0	15.7	<0.001	<0.01	0.62	2.4	0.4	0.6	12.7	<0.01	0.02	2.4
FGL013 00+50S		1.60	15.8	260	14.1	12.3	<0.001	0.01	0.81	3.2	0.4	0.6	24.1	<0.01	0.01	2.3
FGL013 00+75S		1.41	10.8	280	9.5	7.9	<0.001	<0.01	0.56	2.0	0.5	0.5	16.6	<0.01	0.02	1.7
FGL013 01+00S		0.95	7.0	200	5.4	11.4	<0.001	0.01	0.64	1.4	0.4	0.3	15.4	<0.01	0.01	1.2
FGL014 00+00		1.68	12.5	280	9.6	10.0	<0.001	<0.01	0.54	3.0	0.5	0.6	19.3	<0.01	0.05	3.4
FGL014 00+25N		0.39	2.8	260	3.0	14.0	<0.001	<0.01	0.46	0.7	0.3	0.2	12.0	<0.01	<0.01	0.2
FGL014 00+50N		1.16	7.2	190	8.2	16.3	<0.001	<0.01	0.73	1.9	0.2	0.5	16.1	<0.01	0.02	0.8
FGL014 00+75N		1.43	15.0	350	10.6	11.2	<0.001	0.01	1.07	3.9	0.6	0.5	24.8	<0.01	0.01	3.6
FGL014 01+00N		0.94	11.5	360	25.3	14.3	<0.001	0.01	1.89	3.3	0.5	0.5	22.5	<0.01	0.02	2.6

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

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 15- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- TELOEX

CERTIFICATE OF ANALYSIS WH13156422

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
FGL022 01+50N		0.047	0.13	0.72	36	0.15	2.36	30	<0.5
FGL022 01+75N		0.057	0.20	2.37	48	0.24	6.50	57	0.6
FGL022 02+00N		0.066	0.27	3.54	50	0.30	12.30	59	1.0
FGL023 00+00									
FGL023 00+25S		0.072	0.31	1.36	55	0.24	5.45	64	1.7
FGL023 00+50S		0.073	0.35	3.94	52	0.27	17.35	81	2.2
FGL023 00+75S		0.096	0.32	1.24	65	0.31	5.59	93	1.9
FGL023 01+00S		0.055	0.46	3.65	57	0.71	28.9	69	0.5
FGL023 01+25S		0.052	0.46	2.73	50	0.95	8.08	82	1.1
FGL023 01+50S		0.039	0.84	4.80	72	0.35	34.7	123	<0.5
FGL023 01+75S		0.044	0.50	1.17	45	0.20	4.88	67	<0.5
FGL023 02+00S		0.087	0.28	0.92	58	0.21	5.08	86	1.5
FGL012 00+00		0.062	0.17	0.82	49	0.17	13.80	47	0.6
FGL012 00+25N		0.079	0.11	0.36	52	0.13	2.10	35	0.8
FGL012 00+50N		0.051	0.04	0.12	35	<0.05	1.33	16	<0.5
FGL012 00+75N		0.236	1.76	0.73	177	0.32	7.24	166	2.2
FGL012 01+00N		0.055	0.26	1.09	50	0.17	12.70	71	0.6
FGL013 00+00		0.074	0.19	0.55	63	0.19	3.70	73	0.5
FGL013 00+25S		0.080	0.13	0.41	55	0.18	2.58	58	1.0
FGL013 00+50S		0.081	0.23	0.46	72	0.16	3.28	62	0.8
FGL013 00+75S		0.098	0.10	0.30	62	0.17	2.12	36	0.7
FGL013 01+00S		0.069	0.08	0.21	39	0.11	1.40	26	<0.5
FGL014 00+00		0.095	0.15	0.59	66	0.18	4.32	43	0.9
FGL014 00+25N		0.051	0.06	0.17	32	0.11	1.23	19	<0.5
FGL014 00+50N		0.091	0.11	0.31	50	0.23	2.15	32	0.5
FGL014 00+75N		0.085	0.21	0.57	58	0.19	5.57	53	1.1
FGL014 01+00N		0.053	0.35	1.01	57	0.25	6.32	76	<0.5

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

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 15- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- TELOEX

CERTIFICATE OF ANALYSIS WH13156422

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: Gold determinations by this method are semi- quantitative due to the small sample weight used (0.5g).
ME- MS41

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
LOG- 22 SCR- 41 WEI- 21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- TL44 ME- MS41

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

To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 10- SEP- 2013
Account: TELOEX

CERTIFICATE WH13156423

Project: ALSM- CW13- 042- R1- TELOEX

P.O. No.: FG13- 004

This report is for 137 Soil samples submitted to our lab in Whitehorse, YT, Canada on 27- AUG- 2013.

The following have access to data associated with this certificate:

JESSE CAMPBELL MIKE MCCUAIG	CHRIS GALLAGHER	GRAEME HOPKINS

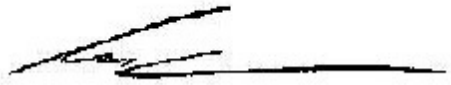
SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SCR- 41	Screen to - 180um and save both

To: **TERRALOGIC EXPLORATION SERVICES INC.**
ATTN: MIKE MCCUAIG
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

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

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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

To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 10- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13156423

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02
FGL004 00+00 DUP		0.50
FGL004 01+00W DUP		0.65
FGL004 02+00W DUP		0.35
FGL004 03+00W DUP		0.41
FGL004 04+00W DUP		0.60
FGL004 05+00W DUP		0.58
FGL004 06+00W DUP		0.34
FGL004 07+00W DUP		0.41
FGL004 08+00W DUP		0.60
FGL004 09+00W DUP		0.50
FGL004 10+00W DUP		0.26
FGL004 11+00W DUP		0.56
FGL004 12+00W DUP		0.42
FGL007 00+00 DUP		0.41
FGL007 01+00W DUP		0.20
FGL007 02+00W DUP		0.48
FGL007 03+00W DUP		0.34
FGL007 04+00W DUP		0.51
FGL007 05+00W DUP		0.26
FGL007 06+00W DUP		0.44
FGL007 07+00W DUP		0.46
FGL007 08+00W DUP		0.49
FGL007 09+00W DUP		0.27
FGL007 10+00W DUP		0.37
FGL007 01+00E DUP		0.27
FGL007 02+00E DUP		0.49
FGL007 03+00E DUP		0.51
FGL008 00+00 DUP		0.22
FGL008 01+00W DUP		0.36
FGL008 02+00W DUP		0.42
FGL008 03+00W DUP		0.35
FGL008 04+00W DUP		0.37
FGL008 05+00W DUP		0.41
FGL008 06+00W DUP		0.37
FGL008 07+00W DUP		0.31
FGL008 08+00W DUP		0.38
FGL008 09+00W DUP		0.35
FGL008 10+00W DUP		0.34
FGL008 11+00W DUP		0.33
FGL008 12+00W DUP		0.41

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CERTIFICATE OF ANALYSIS WH13156423

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02
FGL008 13+00W DUP		0.35
FGL008 14+00W DUP		0.49
FGL008 15+00W DUP		0.56
FGL008 01+00E DUP		0.74
FGL008 02+00E DUP		0.53
FGL008 03+00E DUP		0.48
FGL009 00+00 DUP		0.21
FGL009 01+00W DUP		0.32
FGL009 02+00W DUP		0.38
FGL009 03+00W DUP		0.37
FGL009 04+00W DUP		0.53
FGL009 05+00W DUP		0.35
FGL009 06+00W DUP		0.33
FGL009 07+00W DUP		0.41
FGL009 08+00W DUP		0.57
FGL009 09+00W DUP		0.48
FGL009 10+00W DUP		0.42
FGL009 11+00W DUP		0.31
FGL009 12+00W DUP		0.58
FGL009 13+00W DUP		0.65
FGL009 14+00W DUP		0.41
FGL009 15+00W DUP		0.38
FGL010 00+00 DUP		0.57
FGL010 01+00W DUP		0.41
FGL010 02+00W DUP		0.17
FGL010 03+00W DUP		0.43
FGL010 04+00W DUP		0.36
FGL010 05+00W DUP		0.52
FGL010 06+00W DUP		0.42
FGL010 07+00W DUP		0.43
FGL010 08+00W DUP		0.50
FGL011 00+00 DUP		0.34
FGL011 01+00E DUP		0.28
FGL011 02+00E DUP		0.32
FGL011 03+00E DUP		0.33
FGL011 04+00E DUP		0.42
FGL011 05+00E DUP		0.41
FGL011 06+00E DUP		0.29
FGL011 07+00E DUP		0.35
FGL011 08+00E DUP		0.54

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Account: TELOEX

Project: ALSM- CW13- 042- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13156423

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02
FGL011 09+00E DUP		0.27
FGL011 10+00E DUP		0.61
FGL011 11+00E DUP		0.40
FGL019 00+00N DUP		Not Recvd
FGL019 01+00N DUP		0.57
FGL019 02+00N DUP		0.46
FGL020 00+00S DUP		0.53
FGL020 01+00S DUP		0.30
FGL020 02+00S DUP		<0.02
FGL021 00+00N DUP		Not Recvd
FGL021 01+00N DUP		0.37
FGL021 02+00N DUP		0.61
FGL022 00+00N DUP		Not Recvd
FGL022 01+00N DUP		0.36
FGL022 02+00N DUP		0.44
FGL023 00+00S DUP		0.29
FGL023 01+00S DUP		0.43
FGL023 02+00S DUP		0.46
FGL015 00+00 DUP		0.37
FGL015 01+00W DUP		0.48
FGL015 02+00W DUP		0.50
FGL015 03+00W DUP		0.49
FGL015 04+00W DUP		0.48
FGL015 05+00W DUP		0.59
FGL015 06+00W DUP		0.38
FGL015 07+00W DUP		0.29
FGL015 08+00W DUP		0.49
FGL015 09+00W DUP		0.62
FGL017 00+00 DUP		0.47
FGL017 01+00W DUP		0.57
FGL017 02+00W DUP		0.44
FGL017 03+00W DUP		0.43
FGL017 04+00W DUP		0.72
FGL017 05+00W DUP		0.37
FGL017 06+00W DUP		0.57
FGL017 07+00W DUP		0.44
FGL017 08+00W DUP		0.50
FGL017 09+00W DUP		0.46
FGL017 10+00W DUP		0.65
FGL024 00+00 DUP		0.68

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44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 10- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13156423

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02
FGL024 01+00W DUP		0.53
FGL024 02+00W DUP		0.39
FGL024 03+00W DUP		0.39
FGL024 04+00W DUP		0.48
FGL024 05+00W DUP		0.52
FGL024 06+00W DUP		0.58
FGL024 07+00W DUP		0.48
FGL024 08+00W DUP		0.42
FGL024 09+00W DUP		0.46
FGL024 10+00W DUP		0.69
FGL024 11+00W DUP		0.73
FGL007 11+00W DUP		0.29
FGL007 12+00W DUP		0.39
FGL007 13+00W DUP		0.45
FGL007 14+00W DUP		0.30
FGL007 15+00W DUP		0.34
FGL007 16+00W DUP		0.45

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 10- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13156423

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

LOG- 22 SCR- 41 WEI- 21

ALS Canada Ltd.
2103 Dollarton Hwy
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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 15- SEP- 2013
Account: TELOEX

CERTIFICATE WH13156424

Project: ALSM- CW13- 042- r1- TELOEX

P.O. No.: FG13- 003

This report is for 144 Soil samples submitted to our lab in Whitehorse, YT, Canada on 27- AUG- 2013.

The following have access to data associated with this certificate:

JESSE CAMPBELL MIKE MCCUAIG	CHRIS GALLAGHER	GRAEME HOPKINS

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	
Au- AROR44	Au AR Overrange - 50g	
Au- TL44	Trace Level Au - 50 g AR	ICP- MS
ME- MS41	51 anal. aqua regia ICPMS	

To: **TERRALOGIC EXPLORATION SERVICES INC.**
ATTN: CHRIS GALLAGHER
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

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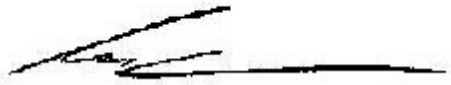
Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CRANBROOK BC V1C 2R7

Finalized Date: 15- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- r1- TELOEX

CERTIFICATE OF ANALYSIS WH13156424

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- TL44 Au ppm 0.001	ME- MS41 Ag ppm 0.01	ME- MS41 Al % 0.01	ME- MS41 As ppm 0.1	ME- MS41 Au ppm 0.2	ME- MS41 B ppm 10	ME- MS41 Ba ppm 10	ME- MS41 Be ppm 0.05	ME- MS41 Bi ppm 0.01	ME- MS41 Ca % 0.01	ME- MS41 Cd ppm 0.01	ME- MS41 Ce ppm 0.02	ME- MS41 Co ppm 0.1	ME- MS41 Cr ppm 1
CRFGS001		0.37	0.058	1.92	1.69	345	<0.2	<10	260	0.63	1.91	0.64	0.82	31.2	12.6	23
CRFGS002		0.40	0.037	1.08	1.46	208	<0.2	<10	240	0.37	1.29	0.43	0.81	25.2	10.9	19
CRFGS003		0.34	0.023	1.37	1.41	131.5	<0.2	<10	190	0.29	2.00	0.36	0.49	21.1	11.2	20
NTFGS001		0.41	0.005	0.27	1.13	19.4	<0.2	<10	150	0.28	0.76	0.41	0.32	24.1	13.7	18
NTFGD001		0.60	0.004	0.11	1.08	11.4	<0.2	<10	150	0.46	0.51	0.09	0.09	48.7	4.3	11
NTFGD002		0.57	0.024	0.20	0.99	11.1	<0.2	<10	200	0.40	0.66	0.11	0.12	44.7	4.0	10
NTFGD003		0.49	0.030	0.14	1.24	15.9	<0.2	<10	150	0.49	2.10	0.11	0.08	31.1	6.3	17
NTFGD004		0.53	0.004	0.12	0.88	8.9	<0.2	<10	160	0.40	0.31	0.09	0.09	34.6	3.6	8
NTFGD005		0.61	0.005	0.15	0.75	8.0	<0.2	<10	150	0.41	0.33	0.07	0.06	43.4	2.9	7
NTFGD006		0.52	0.015	0.08	1.08	11.3	<0.2	<10	150	0.47	0.44	0.09	0.08	55.4	4.0	10
NTFGD007		0.60	0.008	0.07	1.17	19.8	<0.2	<10	120	0.53	0.35	0.08	0.06	66.5	5.2	12
NTFGD008		0.59	0.015	0.09	1.21	20.2	<0.2	<10	150	0.53	0.38	0.09	0.07	49.4	5.5	14
FGL015 00+00		0.46	0.001	0.11	1.25	11.9	<0.2	<10	130	0.24	0.16	0.15	0.09	15.50	4.9	19
FGL015 00+25W		0.48	0.002	0.05	1.98	19.2	<0.2	<10	170	0.44	0.13	0.29	0.13	23.1	10.5	32
FGL015 00+50W		0.53	0.002	0.13	1.90	20.7	<0.2	<10	260	0.44	0.19	0.27	0.14	25.8	8.2	31
FGL015 00+75W		0.44	0.003	0.06	1.71	21.9	<0.2	<10	160	0.35	0.15	0.26	0.12	21.3	9.9	28
FGL015 01+00W		0.43	0.002	0.09	2.09	23.0	<0.2	<10	390	0.49	0.16	0.40	0.11	25.0	9.8	34
FGL015 01+25W		0.45	0.001	0.22	1.55	14.4	<0.2	<10	250	0.45	0.17	0.38	0.34	23.3	12.7	27
FGL015 01+50W		0.50	0.005	0.08	1.56	17.0	<0.2	<10	230	0.36	0.11	0.41	0.14	20.8	8.6	28
FGL015 01+75W		0.18	0.001	0.34	0.69	1.8	<0.2	<10	230	0.30	0.06	0.88	0.25	16.30	3.5	6
FGL015 02+00W		0.40	0.003	0.12	1.90	22.9	<0.2	<10	250	0.44	0.14	0.44	0.14	23.9	9.7	33
FGL015 02+25W		0.30	0.002	0.15	0.76	5.9	<0.2	<10	130	0.19	0.05	0.28	0.07	10.90	3.7	10
FGL015 02+50W		0.23	0.002	0.65	1.46	19.9	<0.2	<10	260	0.33	0.09	0.37	0.20	15.45	7.9	20
FGL015 02+75W		0.27	0.001	0.35	0.82	6.2	<0.2	<10	130	0.23	0.06	0.29	0.31	14.60	4.7	11
FGL015 03+00W		0.31	0.001	0.20	0.64	7.5	<0.2	<10	70	0.14	0.05	0.15	0.09	8.00	2.8	8
FGL015 03+25W		0.51	0.007	0.12	1.51	42.2	<0.2	<10	210	0.48	0.11	0.35	0.16	33.1	8.1	37
FGL015 03+50W		0.38	0.010	1.50	1.83	77.1	<0.2	<10	250	0.65	0.11	0.29	1.04	33.9	12.3	33
FGL015 03+75W		0.40	0.044	1.17	1.33	187.5	<0.2	<10	120	0.22	0.16	0.17	0.76	17.50	4.5	21
FGL015 04+00W		0.47	0.032	0.74	2.00	216	<0.2	<10	170	0.73	0.15	0.19	1.67	32.1	13.0	43
FGL015 04+25W		0.41	0.012	1.37	0.98	44.5	<0.2	<10	160	0.32	0.09	0.12	0.69	12.85	4.4	12
FGL015 04+50W		0.54	0.003	0.93	0.67	44.1	<0.2	<10	130	0.22	0.06	0.15	0.79	10.05	3.5	17
FGL015 04+75W		0.78	0.006	1.19	1.14	326	<0.2	<10	240	0.46	0.11	0.26	2.64	24.4	8.0	29
FGL015 05+00W		0.69	0.002	0.19	1.20	46.5	<0.2	<10	180	0.30	0.12	0.41	0.58	22.1	9.9	24
FGL015 05+25W		0.64	0.002	0.17	1.25	27.4	<0.2	<10	220	0.27	0.10	0.48	0.42	20.7	7.0	25
FGL015 05+50W		0.25	0.006	0.28	1.00	7.7	<0.2	<10	210	0.22	0.12	0.40	0.34	15.40	4.1	14
FGL015 05+75W		0.46	0.003	0.27	0.87	7.1	<0.2	<10	150	0.24	0.07	0.16	0.07	12.20	3.2	11
FGL015 06+00W		0.46	0.001	0.10	0.50	3.1	<0.2	<10	70	0.14	0.06	0.11	0.05	7.45	2.6	7
FGL015 06+25W		0.45	0.002	0.23	0.94	4.9	<0.2	<10	140	0.25	0.10	0.21	0.10	15.35	2.8	14
FGL015 06+50W		0.67	0.005	0.24	2.47	26.5	<0.2	<10	280	0.65	0.23	0.33	0.16	29.2	12.4	42
FGL015 06+75W		0.45	0.005	0.17	1.22	11.7	<0.2	<10	170	0.35	0.11	0.40	0.19	18.95	6.3	19

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Finalized Date: 15- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- r1- TELOEX

CERTIFICATE OF ANALYSIS WH13156424

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
CRFGS001		3.32	49.6	2.52	5.94	0.06	<0.02	0.08	0.054	0.16	18.3	11.3	0.46	954	1.36	0.03
CRFGS002		3.58	25.3	2.39	5.52	0.06	<0.02	0.02	0.034	0.28	14.1	8.2	0.50	643	0.86	0.03
CRFGS003		3.82	20.3	2.43	5.78	<0.05	<0.02	0.03	0.031	0.15	12.3	6.8	0.42	642	1.51	0.03
NTFGS001		1.93	16.4	2.37	4.64	<0.05	<0.02	0.02	0.027	0.06	12.5	5.9	0.43	1470	1.09	0.02
NTFGD001		1.61	19.2	1.88	4.04	0.05	0.02	<0.01	0.025	0.13	24.9	6.5	0.25	136	3.37	0.02
NTFGD002		1.07	21.3	1.84	4.20	0.05	0.02	<0.01	0.029	0.15	23.7	6.0	0.21	124	5.27	0.02
NTFGD003		1.39	95.2	2.35	4.69	<0.05	0.03	<0.01	0.045	0.13	16.7	10.3	0.37	157	6.68	0.02
NTFGD004		1.21	12.0	1.31	3.16	<0.05	0.02	<0.01	0.012	0.15	19.7	4.5	0.16	117	2.01	0.02
NTFGD005		1.28	9.5	1.13	2.76	<0.05	0.02	<0.01	0.010	0.12	25.8	3.9	0.13	99	1.67	0.02
NTFGD006		1.25	12.6	1.89	4.29	0.05	0.02	<0.01	0.023	0.12	27.9	5.9	0.21	97	2.49	0.02
NTFGD007		1.55	15.5	2.30	5.08	0.07	0.02	<0.01	0.033	0.11	32.8	7.6	0.27	116	2.47	0.02
NTFGD008		1.49	14.9	2.25	4.78	0.05	0.03	<0.01	0.030	0.13	25.2	7.5	0.28	127	2.13	0.02
FGL015 00+00		2.81	11.5	2.10	6.47	<0.05	<0.02	0.01	0.021	0.04	8.6	6.5	0.29	203	0.76	0.02
FGL015 00+25W		3.60	19.4	2.97	6.53	<0.05	0.02	<0.01	0.028	0.08	11.6	13.8	0.60	435	0.67	0.03
FGL015 00+50W		3.87	15.1	3.12	8.35	0.05	<0.02	0.01	0.028	0.06	14.1	13.7	0.52	345	1.10	0.02
FGL015 00+75W		3.30	14.9	2.74	6.40	<0.05	0.02	<0.01	0.027	0.08	10.9	13.1	0.53	385	0.77	0.02
FGL015 01+00W		6.85	20.8	3.25	7.00	0.05	0.03	0.01	0.035	0.07	13.9	18.1	0.63	463	0.89	0.02
FGL015 01+25W		4.04	31.8	2.58	6.70	<0.05	<0.02	0.01	0.027	0.06	11.9	8.6	0.42	1080	1.12	0.03
FGL015 01+50W		4.23	13.9	2.72	5.91	<0.05	0.02	<0.01	0.026	0.07	11.0	13.4	0.61	388	0.68	0.03
FGL015 01+75W		0.60	32.3	0.68	1.83	<0.05	<0.02	0.05	0.011	0.03	8.9	0.8	0.09	278	0.41	0.04
FGL015 02+00W		3.31	24.8	2.95	7.04	<0.05	0.02	0.01	0.031	0.07	13.2	15.4	0.68	381	1.12	0.02
FGL015 02+25W		1.42	13.9	1.21	2.82	<0.05	<0.02	0.01	0.011	0.05	5.9	3.6	0.18	146	0.32	0.05
FGL015 02+50W		4.82	21.3	2.22	4.86	<0.05	<0.02	0.05	0.023	0.08	9.1	6.7	0.28	458	0.90	0.05
FGL015 02+75W		1.87	19.5	1.37	3.55	<0.05	<0.02	0.03	0.012	0.06	7.3	3.1	0.19	220	0.43	0.05
FGL015 03+00W		1.01	11.3	0.96	2.55	<0.05	<0.02	0.01	0.008	0.04	3.8	2.2	0.10	140	0.52	0.05
FGL015 03+25W		2.10	18.4	2.59	5.16	0.05	0.04	0.02	0.028	0.06	18.2	12.9	0.59	323	1.43	0.02
FGL015 03+50W		5.43	34.6	2.11	5.51	0.05	<0.02	0.13	0.023	0.08	17.9	7.5	0.27	498	2.40	0.04
FGL015 03+75W		3.92	10.6	2.08	6.42	<0.05	<0.02	0.03	0.018	0.07	9.4	7.7	0.31	245	1.41	0.02
FGL015 04+00W		5.38	28.7	3.44	6.10	<0.05	<0.02	0.04	0.037	0.11	15.5	12.3	0.50	955	8.81	0.02
FGL015 04+25W		4.25	17.8	1.45	3.56	<0.05	<0.02	0.06	0.014	0.05	7.2	3.4	0.12	439	1.16	0.04
FGL015 04+50W		2.52	15.6	1.52	2.77	<0.05	<0.02	0.07	0.011	0.05	5.8	3.5	0.15	377	1.97	0.04
FGL015 04+75W		3.42	29.5	2.97	4.05	<0.05	<0.02	0.09	0.031	0.09	12.3	7.7	0.35	1380	3.17	0.02
FGL015 05+00W		2.76	17.9	2.39	4.73	<0.05	<0.02	0.02	0.022	0.07	11.0	10.6	0.52	663	1.38	0.03
FGL015 05+25W		2.39	18.4	2.19	4.68	<0.05	0.03	0.02	0.022	0.06	11.2	10.2	0.47	477	1.18	0.03
FGL015 05+50W		2.13	14.1	1.28	4.28	<0.05	<0.02	0.03	0.013	0.06	8.6	5.7	0.21	259	0.54	0.04
FGL015 05+75W		2.80	13.1	1.20	3.17	<0.05	<0.02	0.02	0.012	0.05	8.3	3.9	0.14	138	0.58	0.04
FGL015 06+00W		0.80	6.3	0.82	2.34	<0.05	<0.02	0.01	0.010	0.04	4.0	2.1	0.08	146	0.32	0.04
FGL015 06+25W		1.97	14.6	0.97	3.82	<0.05	<0.02	0.04	0.015	0.05	9.1	4.3	0.16	115	0.60	0.04
FGL015 06+50W		4.58	30.0	3.69	9.19	0.05	<0.02	0.03	0.040	0.10	16.4	19.1	0.65	629	1.61	0.02
FGL015 06+75W		1.57	19.5	1.93	4.65	<0.05	<0.02	0.04	0.022	0.06	9.4	7.2	0.34	304	0.63	0.03

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

ALS Canada Ltd.
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 15- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- r1- TELOEX

CERTIFICATE OF ANALYSIS WH13156424

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
CRFGS001		0.96	14.2	830	50.7	25.3	<0.001	0.07	6.91	4.1	0.7	0.7	45.2	<0.01	0.04	2.0
CRFGS002		1.02	11.6	780	45.5	30.6	<0.001	0.03	8.06	3.9	0.3	0.5	30.4	<0.01	0.05	4.0
CRFGS003		0.90	10.9	710	43.0	25.2	<0.001	0.04	4.64	3.2	0.3	0.7	28.1	<0.01	0.05	1.7
NTFGS001		0.72	8.9	950	21.6	11.8	<0.001	0.03	1.74	3.3	0.4	0.4	27.5	<0.01	0.08	2.2
NTFGD001		0.70	6.6	150	17.3	9.9	<0.001	0.02	1.23	1.8	0.2	0.5	11.3	<0.01	0.02	8.7
NTFGD002		0.67	6.3	190	14.7	10.1	<0.001	0.02	1.33	1.7	<0.2	0.5	13.6	<0.01	0.04	7.3
NTFGD003		0.93	10.2	140	13.1	10.7	<0.001	0.01	2.03	2.9	0.2	0.5	11.6	<0.01	0.04	9.3
NTFGD004		0.57	5.2	190	14.8	9.8	<0.001	0.02	1.05	1.1	<0.2	0.3	11.0	<0.01	0.01	6.1
NTFGD005		0.43	4.2	160	17.9	10.0	<0.001	0.01	1.03	1.0	<0.2	0.2	9.0	<0.01	0.03	6.5
NTFGD006		0.55	5.8	150	12.9	7.7	<0.001	0.02	1.14	1.6	<0.2	0.4	11.2	<0.01	0.02	8.1
NTFGD007		0.60	7.2	140	11.9	8.2	<0.001	0.01	1.39	2.2	0.3	0.5	9.6	<0.01	0.02	11.6
NTFGD008		0.71	7.9	140	12.1	10.4	<0.001	0.02	1.39	2.3	<0.2	0.4	12.7	<0.01	0.02	8.8
FGL015 00+00		0.83	8.6	320	7.9	8.2	<0.001	0.02	0.72	2.1	<0.2	0.6	15.8	<0.01	0.02	0.4
FGL015 00+25W		1.14	19.6	540	10.4	11.4	<0.001	0.02	1.25	4.6	0.3	0.5	22.2	<0.01	0.03	2.7
FGL015 00+50W		1.48	14.9	340	12.5	11.2	<0.001	0.02	1.18	4.5	0.3	0.7	21.7	<0.01	0.02	2.2
FGL015 00+75W		1.33	17.8	550	12.1	10.4	<0.001	0.02	1.39	3.9	0.2	0.5	19.2	<0.01	0.03	2.7
FGL015 01+00W		1.18	19.0	610	12.6	11.9	<0.001	0.02	1.21	5.5	0.3	0.6	28.7	<0.01	0.04	3.3
FGL015 01+25W		0.68	13.0	750	10.7	11.8	<0.001	0.03	0.96	3.2	0.4	0.5	29.5	<0.01	0.03	0.6
FGL015 01+50W		0.99	15.6	730	10.4	11.1	<0.001	0.02	1.32	4.4	0.2	0.5	26.8	<0.01	0.02	2.6
FGL015 01+75W		0.29	7.9	900	2.5	2.4	0.001	0.12	0.45	0.4	0.3	<0.2	70.2	<0.01	0.02	<0.2
FGL015 02+00W		1.29	19.5	470	15.9	11.3	<0.001	0.02	1.49	5.0	0.4	0.5	30.7	<0.01	0.03	2.3
FGL015 02+25W		0.44	6.8	520	3.9	5.5	<0.001	0.03	0.65	2.0	0.2	0.2	21.9	<0.01	0.01	0.6
FGL015 02+50W		0.48	12.7	660	10.1	10.0	<0.001	0.05	1.42	3.5	0.5	0.3	27.0	<0.01	0.02	0.5
FGL015 02+75W		0.28	7.3	600	4.9	6.2	<0.001	0.05	0.63	1.6	0.2	0.2	23.8	<0.01	0.01	<0.2
FGL015 03+00W		0.20	4.9	450	3.0	3.6	<0.001	0.02	0.58	1.0	<0.2	<0.2	12.6	<0.01	0.01	<0.2
FGL015 03+25W		0.93	21.0	460	19.0	7.8	<0.001	0.01	2.26	5.4	0.6	0.4	23.7	<0.01	0.02	4.0
FGL015 03+50W		0.49	26.1	490	21.9	10.7	<0.001	0.03	2.64	4.6	0.7	0.3	25.5	<0.01	0.02	0.5
FGL015 03+75W		1.23	9.0	240	59.8	10.2	<0.001	0.01	4.93	2.5	<0.2	0.6	19.3	<0.01	0.02	1.6
FGL015 04+00W		0.98	35.0	450	224	16.3	<0.001	0.02	9.69	5.4	0.8	0.5	18.2	<0.01	0.06	3.3
FGL015 04+25W		0.41	8.5	450	62.8	9.0	<0.001	0.03	2.11	1.9	<0.2	0.3	12.8	<0.01	0.02	0.3
FGL015 04+50W		0.22	12.7	460	22.1	6.4	<0.001	0.05	3.61	1.3	0.5	0.2	12.9	<0.01	0.02	<0.2
FGL015 04+75W		0.61	25.0	760	131.5	13.4	<0.001	0.08	15.40	4.6	0.7	0.3	23.2	<0.01	0.03	2.0
FGL015 05+00W		0.96	15.3	740	13.9	9.9	<0.001	0.03	4.22	3.7	0.5	0.4	24.9	<0.01	0.02	1.9
FGL015 05+25W		0.90	15.4	870	19.9	9.0	<0.001	0.04	2.66	3.4	0.6	0.3	29.8	<0.01	0.03	2.3
FGL015 05+50W		0.53	8.1	460	6.0	11.7	<0.001	0.04	0.66	1.7	0.2	0.4	29.4	<0.01	0.02	0.2
FGL015 05+75W		0.39	6.2	510	5.3	7.0	<0.001	0.03	0.56	2.3	<0.2	0.2	14.9	<0.01	0.01	0.5
FGL015 06+00W		0.14	3.4	340	3.1	5.1	<0.001	0.01	0.23	0.4	<0.2	0.2	11.2	<0.01	0.01	<0.2
FGL015 06+25W		0.36	7.2	560	4.3	9.7	<0.001	0.04	0.38	0.9	<0.2	0.3	21.2	<0.01	0.02	<0.2
FGL015 06+50W		1.37	22.6	640	14.0	18.5	<0.001	0.01	1.32	6.8	0.3	0.7	27.6	<0.01	0.04	3.0
FGL015 06+75W		0.74	12.0	760	6.0	9.3	<0.001	0.05	0.83	2.6	0.2	0.3	31.9	<0.01	0.02	0.6

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

ALS Canada Ltd.
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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 15- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- r1- TELOEX

CERTIFICATE OF ANALYSIS WH13156424

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	Au- AROR44
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr	Au
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5	0.01
CRFGS001		0.071	0.34	2.72	59	0.23	14.25	136	0.6	
CRFGS002		0.100	0.41	0.91	63	0.21	8.08	137	0.6	
CRFGS003		0.082	0.36	0.84	69	0.22	5.81	109	<0.5	
NTFGS001		0.057	0.19	0.73	53	0.49	5.75	62	<0.5	
NTFGD001		0.021	0.11	1.26	33	0.65	4.26	40	1.1	
NTFGD002		0.021	0.12	1.11	32	1.26	3.40	39	1.0	
NTFGD003		0.044	0.13	1.25	48	9.38	3.35	41	1.7	
NTFGD004		0.014	0.12	0.92	27	0.50	2.40	25	1.0	
NTFGD005		0.013	0.10	1.32	23	0.31	2.67	19	1.0	
NTFGD006		0.014	0.11	1.68	34	0.28	4.26	34	1.0	
NTFGD007		0.020	0.12	1.82	39	0.34	4.74	37	1.1	
NTFGD008		0.025	0.11	1.46	42	0.39	3.93	40	1.4	
FGL015 00+00		0.062	0.11	0.39	61	0.14	3.10	37	<0.5	
FGL015 00+25W		0.088	0.16	0.51	68	0.15	4.84	66	0.7	
FGL015 00+50W		0.079	0.18	0.53	77	0.23	5.09	57	0.5	
FGL015 00+75W		0.074	0.15	0.47	62	0.21	4.39	61	0.8	
FGL015 01+00W		0.060	0.20	0.62	69	0.14	7.88	76	0.9	
FGL015 01+25W		0.060	0.15	0.76	65	0.13	6.93	64	<0.5	
FGL015 01+50W		0.071	0.17	0.45	62	0.12	5.24	73	0.8	
FGL015 01+75W		0.016	0.05	0.45	13	<0.05	6.05	16	<0.5	
FGL015 02+00W		0.090	0.15	0.59	72	0.12	5.50	73	0.6	
FGL015 02+25W		0.046	0.07	0.32	32	0.07	4.18	30	<0.5	
FGL015 02+50W		0.051	0.16	0.53	57	0.09	6.77	66	<0.5	
FGL015 02+75W		0.052	0.09	0.39	40	<0.05	4.73	38	<0.5	
FGL015 03+00W		0.031	0.07	0.27	28	0.05	2.03	22	<0.5	
FGL015 03+25W		0.083	0.18	0.73	62	0.14	9.17	79	1.6	
FGL015 03+50W		0.040	0.33	0.96	56	0.11	12.65	103	<0.5	
FGL015 03+75W		0.064	0.48	0.45	57	0.16	2.40	122	<0.5	
FGL015 04+00W		0.044	0.47	0.82	91	0.30	6.39	553	0.5	
FGL015 04+25W		0.036	0.21	0.48	44	0.08	4.34	118	<0.5	
FGL015 04+50W		0.031	0.28	0.50	52	0.07	3.68	136	<0.5	
FGL015 04+75W		0.034	1.32	0.88	62	0.21	7.33	472	<0.5	
FGL015 05+00W		0.085	0.20	0.54	60	0.10	6.27	117	0.5	
FGL015 05+25W		0.067	0.16	0.49	54	0.13	5.82	104	1.1	
FGL015 05+50W		0.039	0.10	0.49	31	0.12	5.83	45	<0.5	
FGL015 05+75W		0.036	0.07	0.55	29	0.07	6.71	31	<0.5	
FGL015 06+00W		0.031	0.04	0.27	24	0.07	1.97	18	<0.5	
FGL015 06+25W		0.029	0.08	0.54	21	0.14	5.48	27	<0.5	
FGL015 06+50W		0.072	0.19	0.82	83	0.24	7.87	92	0.6	
FGL015 06+75W		0.052	0.08	0.66	44	0.14	4.78	50	<0.5	

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

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 15- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- r1- TELOEX

CERTIFICATE OF ANALYSIS WH13156424

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- TL44 Au ppm 0.001	ME- MS41 Ag ppm 0.01	ME- MS41 Al % 0.01	ME- MS41 As ppm 0.1	ME- MS41 Au ppm 0.2	ME- MS41 B ppm 10	ME- MS41 Ba ppm 10	ME- MS41 Be ppm 0.05	ME- MS41 Bi ppm 0.01	ME- MS41 Ca % 0.01	ME- MS41 Cd ppm 0.01	ME- MS41 Ce ppm 0.02	ME- MS41 Co ppm 0.1	ME- MS41 Cr ppm 1
FGL015 07+00W		0.42	0.002	0.14	1.08	12.8	<0.2	<10	190	0.30	0.10	0.54	0.07	15.35	5.8	15
FGL015 07+25W		0.36	0.004	0.24	1.38	13.3	<0.2	<10	290	0.37	0.12	0.61	0.20	27.7	14.0	20
FGL015 07+50W		0.40	0.004	0.28	1.92	30.1	<0.2	<10	330	0.55	0.16	0.70	0.27	26.0	9.2	28
FGL015 07+75W		0.36	0.004	0.22	1.16	13.6	<0.2	<10	190	0.39	0.09	0.81	0.12	18.10	5.4	13
FGL015 08+00W		0.49	0.006	0.26	1.42	30.5	<0.2	<10	230	0.43	0.13	0.61	0.18	18.60	7.2	21
FGL015 08+25W		0.43	0.005	0.15	1.44	33.5	<0.2	<10	180	0.32	0.12	0.55	0.15	14.75	6.4	20
FGL015 08+50W		0.36	0.004	0.18	1.49	27.6	<0.2	<10	190	0.33	0.10	0.38	0.20	21.9	7.6	28
FGL015 08+75W		0.48	0.008	0.14	1.60	28.4	<0.2	<10	200	0.40	0.15	0.41	0.22	23.0	9.0	30
FGL015 09+00W		0.51	0.005	0.22	1.34	32.8	<0.2	<10	150	0.38	0.11	0.37	0.18	22.3	7.3	22
FGL017 00+00		0.46	0.003	0.11	1.41	9.0	<0.2	<10	310	0.40	0.08	0.85	0.25	24.7	8.2	22
FGL017 00+25W		0.44	0.002	0.18	1.41	21.2	<0.2	<10	260	0.38	0.08	0.64	0.24	27.2	6.2	19
FGL017 00+50W		0.50	0.003	0.27	1.76	38.5	<0.2	<10	370	0.44	0.09	0.55	0.32	30.1	8.5	25
FGL017 00+75W		0.69	0.004	0.10	1.05	6.7	<0.2	<10	210	0.31	0.09	0.39	0.25	21.7	5.0	16
FGL017 01+00W		0.47	0.002	0.12	0.88	7.0	<0.2	<10	190	0.25	0.07	0.37	0.16	18.40	2.9	10
FGL017 01+25W		0.69	0.003	0.15	1.44	21.1	<0.2	<10	340	0.47	0.11	0.40	0.24	30.9	7.3	20
FGL017 01+50W		0.32	0.016	0.43	1.13	23.8	<0.2	<10	230	0.22	0.09	0.23	0.42	15.75	6.0	18
FGL017 01+75W		0.44	0.007	0.69	1.56	57.1	<0.2	<10	340	0.45	0.11	0.33	0.79	31.2	11.6	28
FGL017 02+00W		0.55	0.002	0.26	0.45	13.5	<0.2	<10	100	0.11	0.04	0.20	0.08	8.46	2.9	7
FGL017 02+25W		0.62	0.003	0.21	0.95	40.5	<0.2	<10	140	0.20	0.09	0.23	0.25	13.45	5.0	18
FGL017 02+50W		0.39	<0.001	0.28	0.27	6.0	<0.2	<10	50	0.07	0.03	0.08	0.25	5.33	2.0	6
FGL017 02+75W		0.48	0.002	0.18	1.04	119.0	<0.2	<10	150	0.23	0.16	0.14	0.38	18.00	6.4	22
FGL017 03+00W		0.47	0.004	0.52	1.26	36.7	<0.2	<10	210	0.32	0.14	0.16	0.36	19.10	5.2	22
FGL017 03+25W		0.41	0.005	0.43	0.75	18.5	<0.2	<10	190	0.20	0.09	0.18	0.47	14.30	2.9	13
FGL017 03+50W		0.48	0.004	0.25	1.43	36.0	<0.2	<10	150	0.29	0.17	0.14	0.40	18.90	4.3	22
FGL017 03+75W		0.46	0.004	0.35	1.28	36.4	<0.2	<10	190	0.27	0.16	0.15	0.43	19.65	4.1	21
FGL017 04+00W		0.81	0.048	2.58	1.13	420	<0.2	<10	800	0.98	0.17	0.41	15.10	33.8	15.9	27
FGL017 04+25W		0.36	0.004	0.27	1.81	493	<0.2	<10	400	0.55	0.11	0.32	0.77	27.5	12.3	39
FGL017 04+50W		0.43	0.006	0.35	1.79	119.0	<0.2	<10	300	0.62	0.12	0.39	1.15	34.1	11.4	44
FGL017 04+75W		0.45	0.018	0.70	0.78	56.6	<0.2	<10	190	0.18	0.07	0.15	0.54	9.55	3.9	10
FGL017 05+00W		0.46	0.003	0.16	0.97	18.9	<0.2	<10	90	0.21	0.10	0.13	0.14	13.30	4.3	18
FGL017 05+25W		0.54	0.001	0.48	0.79	5.8	<0.2	<10	100	0.15	0.09	0.11	0.09	13.55	3.0	11
FGL017 05+50W		0.36	0.003	0.21	1.99	13.9	<0.2	<10	200	0.54	0.13	0.23	0.10	24.9	9.0	32
FGL017 05+75W		0.71	0.003	0.24	1.82	14.5	<0.2	<10	210	0.47	0.15	0.29	0.16	28.6	8.6	29
FGL017 06+00W		0.47	0.003	0.08	1.24	13.5	<0.2	<10	130	0.29	0.12	0.29	0.16	23.2	8.4	25
FGL017 06+25W		0.35	0.005	0.40	1.42	16.8	<0.2	<10	210	0.38	0.14	0.39	0.11	19.85	6.0	18
FGL017 06+50W		0.34	0.002	0.11	0.56	9.7	<0.2	<10	90	0.20	0.07	0.15	0.09	11.55	3.0	8
FGL017 06+75W		0.39	0.009	0.24	1.65	28.0	<0.2	<10	280	0.50	0.14	0.39	0.12	26.1	7.4	24
FGL017 07+00W		0.41	0.001	0.16	0.48	4.2	<0.2	<10	70	0.12	0.07	0.15	0.12	8.80	2.7	9
FGL017 07+25W		0.47	0.003	0.06	1.24	13.2	<0.2	<10	130	0.29	0.29	0.26	0.08	19.70	6.6	21
FGL017 07+50W		0.42	0.005	0.10	0.61	4.7	<0.2	<10	70	0.17	0.07	0.15	0.07	8.07	2.8	9

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

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 15- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- r1- TELOEX

CERTIFICATE OF ANALYSIS WH13156424

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
FGL015 07+00W		1.55	16.4	1.58	3.78	<0.05	0.02	0.06	0.017	0.04	7.7	5.3	0.25	377	0.77	0.04
FGL015 07+25W		2.36	20.0	1.85	4.81	<0.05	0.02	0.08	0.023	0.05	13.0	7.2	0.32	1840	0.84	0.03
FGL015 07+50W		5.45	28.1	2.59	6.73	<0.05	0.02	0.07	0.033	0.09	15.8	13.8	0.47	459	1.07	0.03
FGL015 07+75W		3.11	24.5	1.41	3.60	<0.05	0.04	0.07	0.017	0.05	11.6	4.4	0.18	299	0.82	0.04
FGL015 08+00W		3.98	27.7	2.23	5.45	<0.05	0.02	0.05	0.022	0.05	10.4	9.7	0.33	363	1.06	0.03
FGL015 08+25W		3.25	21.1	2.12	5.68	<0.05	0.02	0.04	0.020	0.06	7.3	10.1	0.34	244	0.88	0.03
FGL015 08+50W		2.45	28.5	2.58	5.94	0.05	0.02	0.02	0.022	0.08	11.0	9.9	0.48	340	0.96	0.02
FGL015 08+75W		2.66	24.6	2.78	6.35	<0.05	0.02	0.02	0.028	0.08	11.6	13.3	0.53	422	1.09	0.02
FGL015 09+00W		2.85	22.6	2.44	5.01	<0.05	0.02	0.04	0.029	0.06	10.5	12.7	0.35	331	0.78	0.02
FGL017 00+00		2.98	15.9	2.16	6.38	<0.05	0.03	0.07	0.029	0.05	15.5	11.0	0.52	491	0.72	0.03
FGL017 00+25W		3.91	16.2	2.22	5.24	<0.05	0.02	0.11	0.021	0.05	17.3	8.0	0.36	446	1.24	0.03
FGL017 00+50W		5.82	17.6	2.79	7.39	0.05	0.02	0.10	0.024	0.06	19.6	14.1	0.50	470	1.41	0.03
FGL017 00+75W		2.58	13.9	1.50	5.16	<0.05	<0.02	0.04	0.015	0.04	11.3	5.9	0.27	264	0.59	0.03
FGL017 01+00W		2.51	12.1	1.10	3.75	<0.05	<0.02	0.04	0.011	0.04	10.8	3.9	0.15	151	0.58	0.03
FGL017 01+25W		4.83	19.2	2.07	6.01	<0.05	<0.02	0.05	0.021	0.06	17.7	11.3	0.32	500	1.12	0.03
FGL017 01+50W		5.13	14.1	1.77	4.92	<0.05	<0.02	0.09	0.018	0.05	8.4	6.5	0.22	253	1.49	0.03
FGL017 01+75W		6.47	26.6	2.35	5.52	0.05	0.02	0.20	0.029	0.06	17.7	12.4	0.36	571	2.30	0.03
FGL017 02+00W		1.65	7.5	1.08	2.36	<0.05	<0.02	0.03	0.007	0.03	4.1	1.7	0.08	71	0.38	0.04
FGL017 02+25W		2.66	12.6	1.79	4.48	<0.05	<0.02	0.02	0.015	0.04	7.1	5.8	0.27	190	1.05	0.03
FGL017 02+50W		0.83	6.2	0.72	1.75	<0.05	<0.02	0.02	0.005	0.03	2.8	0.7	0.05	84	0.32	0.04
FGL017 02+75W		3.12	17.6	2.51	6.45	<0.05	<0.02	0.02	0.023	0.05	9.7	4.7	0.27	425	2.45	0.02
FGL017 03+00W		2.68	16.4	2.08	6.29	<0.05	<0.02	0.05	0.020	0.05	9.7	9.0	0.29	201	1.38	0.02
FGL017 03+25W		1.73	21.6	1.12	3.83	<0.05	<0.02	0.05	0.014	0.03	7.2	2.1	0.12	133	0.71	0.03
FGL017 03+50W		2.16	10.8	2.00	7.43	<0.05	<0.02	0.02	0.020	0.05	9.7	10.1	0.32	152	1.16	0.01
FGL017 03+75W		1.99	14.6	1.86	6.89	<0.05	<0.02	0.04	0.020	0.04	10.7	7.0	0.27	177	1.17	0.02
FGL017 04+00W		8.59	64.4	5.16	3.80	0.06	0.02	0.45	0.045	0.12	18.3	6.7	0.32	3180	13.35	0.02
FGL017 04+25W		3.31	23.2	3.43	6.44	<0.05	<0.02	0.25	0.034	0.15	12.1	10.9	0.52	656	1.66	0.02
FGL017 04+50W		4.31	27.0	3.19	6.16	0.05	<0.02	0.33	0.030	0.10	16.9	13.5	0.65	731	1.94	0.02
FGL017 04+75W		1.97	13.5	1.29	3.39	<0.05	<0.02	0.22	0.011	0.04	4.7	2.9	0.10	167	0.83	0.04
FGL017 05+00W		1.49	12.2	1.53	4.55	<0.05	<0.02	0.01	0.014	0.04	6.6	5.5	0.22	167	0.76	0.03
FGL017 05+25W		1.23	12.6	1.18	3.59	<0.05	<0.02	0.02	0.011	0.04	6.7	3.4	0.14	88	0.44	0.03
FGL017 05+50W		2.27	20.0	2.66	5.60	<0.05	0.03	0.03	0.029	0.07	11.9	13.1	0.51	334	0.70	0.02
FGL017 05+75W		2.94	19.1	2.65	5.63	0.05	0.05	0.04	0.028	0.07	13.9	14.4	0.51	336	0.60	0.01
FGL017 06+00W		2.15	16.8	2.39	4.97	0.05	<0.02	0.02	0.025	0.06	10.4	9.5	0.45	441	0.56	0.02
FGL017 06+25W		5.62	20.1	1.80	4.53	<0.05	<0.02	0.06	0.022	0.06	10.6	7.4	0.27	232	0.62	0.03
FGL017 06+50W		1.94	11.4	1.19	2.44	<0.05	<0.02	0.02	0.009	0.04	5.3	2.8	0.11	159	0.48	0.03
FGL017 06+75W		4.93	24.5	2.46	5.40	0.06	<0.02	0.06	0.026	0.08	16.4	10.6	0.41	338	0.63	0.03
FGL017 07+00W		1.21	8.8	0.97	2.68	<0.05	<0.02	0.04	0.008	0.04	4.7	2.5	0.11	86	0.41	0.02
FGL017 07+25W		1.58	11.5	1.97	4.82	<0.05	<0.02	0.02	0.019	0.05	10.0	10.9	0.38	287	0.51	0.02
FGL017 07+50W		1.31	8.2	1.04	2.83	<0.05	<0.02	0.03	0.009	0.04	4.1	3.8	0.13	114	0.25	0.03

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

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 15- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- r1- TELOEX

CERTIFICATE OF ANALYSIS WH13156424

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
FGL015 07+00W		0.67	8.4	770	5.7	6.8	<0.001	0.08	0.81	2.0	0.3	0.3	39.2	<0.01	0.02	0.5
FGL015 07+25W		0.71	12.3	930	6.1	10.8	<0.001	0.08	1.25	2.8	0.5	0.3	50.0	<0.01	0.02	0.6
FGL015 07+50W		0.93	16.4	940	9.6	16.0	<0.001	0.06	1.72	5.0	0.6	0.5	54.6	<0.01	0.03	1.2
FGL015 07+75W		0.61	9.1	770	4.5	7.2	<0.001	0.08	1.49	2.4	0.6	0.2	54.1	<0.01	0.02	0.5
FGL015 08+00W		0.87	12.1	680	9.1	10.2	<0.001	0.06	1.86	3.1	0.5	0.4	46.7	<0.01	0.02	0.7
FGL015 08+25W		0.95	12.4	510	8.5	10.8	<0.001	0.04	1.41	2.8	<0.2	0.4	42.2	<0.01	0.03	0.8
FGL015 08+50W		1.16	18.1	490	10.2	11.2	<0.001	0.02	1.36	4.1	0.4	0.5	25.1	<0.01	0.03	1.8
FGL015 08+75W		1.18	17.6	490	11.0	13.6	<0.001	0.02	1.57	4.2	0.2	0.5	33.2	<0.01	0.02	1.9
FGL015 09+00W		0.81	14.3	650	7.2	10.1	<0.001	0.03	2.26	3.7	0.6	0.4	32.8	<0.01	0.02	1.4
FGL017 00+00		0.81	11.0	1010	7.0	9.6	0.002	0.10	1.15	3.9	0.7	0.4	59.4	<0.01	0.02	1.0
FGL017 00+25W		0.75	10.1	1000	6.7	11.1	0.001	0.10	1.38	3.3	0.8	0.3	47.6	<0.01	0.02	0.9
FGL017 00+50W		0.80	12.8	1010	10.8	12.4	0.001	0.07	2.38	4.7	1.3	0.4	43.1	<0.01	0.03	1.6
FGL017 00+75W		0.65	7.7	570	6.5	9.0	<0.001	0.04	0.82	1.8	0.2	0.3	29.8	<0.01	0.02	0.3
FGL017 01+00W		0.56	5.7	470	4.8	8.5	<0.001	0.04	1.22	1.5	0.3	0.3	31.8	<0.01	0.02	0.3
FGL017 01+25W		0.75	11.8	580	7.9	11.3	<0.001	0.04	3.42	3.4	0.6	0.4	35.9	<0.01	0.02	1.0
FGL017 01+50W		0.51	10.0	740	8.9	10.4	0.001	0.05	2.15	2.4	0.7	0.3	24.0	<0.01	0.02	0.5
FGL017 01+75W		0.68	19.8	950	21.5	10.4	0.002	0.05	3.22	5.2	2.0	0.3	30.5	<0.01	0.03	1.4
FGL017 02+00W		0.19	5.1	550	3.3	3.1	<0.001	0.03	0.67	1.2	<0.2	<0.2	16.2	<0.01	0.01	<0.2
FGL017 02+25W		0.52	12.0	470	11.8	7.2	<0.001	0.02	1.77	1.9	<0.2	0.3	17.1	<0.01	0.02	0.3
FGL017 02+50W		0.15	3.3	260	2.7	3.1	<0.001	0.01	0.42	0.4	<0.2	<0.2	10.5	<0.01	0.01	<0.2
FGL017 02+75W		0.80	13.5	370	23.9	12.6	<0.001	0.01	4.23	2.5	<0.2	0.5	16.0	<0.01	0.05	0.5
FGL017 03+00W		0.89	11.9	330	20.4	9.3	<0.001	0.01	1.75	2.9	<0.2	0.5	15.5	<0.01	0.04	0.7
FGL017 03+25W		0.19	8.1	460	17.3	4.4	<0.001	0.02	1.23	0.7	0.2	0.3	16.3	<0.01	0.02	<0.2
FGL017 03+50W		1.22	10.2	250	24.9	8.5	<0.001	0.01	2.16	2.8	<0.2	0.7	13.1	<0.01	0.04	1.1
FGL017 03+75W		0.95	9.5	290	34.5	8.6	<0.001	0.01	2.13	2.3	<0.2	0.6	14.8	<0.01	0.04	0.6
FGL017 04+00W		0.38	57.0	1290	496	12.1	<0.001	0.09	37.2	7.1	2.6	0.3	36.3	<0.01	0.13	4.2
FGL017 04+25W		0.78	26.4	900	39.8	13.8	<0.001	0.02	191.5	5.9	0.5	0.4	22.7	<0.01	0.05	1.9
FGL017 04+50W		0.77	28.0	810	63.8	11.8	<0.001	0.01	49.3	6.1	0.7	0.4	26.5	<0.01	0.03	3.1
FGL017 04+75W		0.20	5.9	440	40.8	6.3	<0.001	0.01	21.1	0.8	<0.2	0.2	15.9	<0.01	0.02	<0.2
FGL017 05+00W		0.65	8.0	340	12.2	7.9	<0.001	0.01	1.28	1.6	<0.2	0.4	13.6	<0.01	0.02	0.4
FGL017 05+25W		0.45	5.5	320	6.7	5.9	<0.001	0.01	1.29	1.4	<0.2	0.3	11.4	<0.01	0.01	0.3
FGL017 05+50W		1.31	18.8	470	8.7	10.7	<0.001	0.01	1.07	4.3	0.2	0.5	17.5	<0.01	0.02	3.9
FGL017 05+75W		1.41	18.8	640	15.2	11.7	<0.001	0.01	1.24	4.6	0.5	0.5	18.4	<0.01	0.03	3.4
FGL017 06+00W		0.97	13.9	610	10.7	8.3	<0.001	0.01	1.41	3.5	0.3	0.4	20.6	<0.01	0.02	1.3
FGL017 06+25W		0.66	11.1	580	9.4	9.4	<0.001	0.04	0.90	2.6	0.5	0.4	29.3	<0.01	0.02	0.2
FGL017 06+50W		0.27	4.9	510	3.5	4.2	<0.001	0.03	0.43	0.7	0.3	0.2	11.9	<0.01	0.01	<0.2
FGL017 06+75W		0.77	15.0	540	9.1	12.0	<0.001	0.02	1.07	5.0	0.7	0.4	25.5	<0.01	0.01	0.7
FGL017 07+00W		0.34	4.7	300	4.4	5.5	<0.001	0.02	0.41	0.7	<0.2	0.2	13.2	<0.01	0.02	<0.2
FGL017 07+25W		1.15	12.1	460	6.6	9.1	<0.001	0.01	0.57	2.8	0.3	0.4	17.4	<0.01	0.02	1.4
FGL017 07+50W		0.36	5.0	360	3.0	4.6	<0.001	0.02	0.25	0.7	0.2	0.2	12.0	<0.01	0.02	<0.2

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

ALS Canada Ltd.
2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 15- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- r1- TELOEX

CERTIFICATE OF ANALYSIS WH13156424

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	Au- AROR44
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr	Au
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5	0.01
FGL015 07+00W		0.033	0.11	0.73	36	0.12	5.44	31	0.9	
FGL015 07+25W		0.043	0.13	0.81	42	0.18	9.08	46	0.7	
FGL015 07+50W		0.045	0.15	1.06	58	0.18	10.15	69	0.9	
FGL015 07+75W		0.030	0.10	1.17	29	0.12	9.84	28	1.6	
FGL015 08+00W		0.041	0.13	0.80	52	0.15	6.82	47	0.8	
FGL015 08+25W		0.044	0.13	0.51	49	0.14	3.59	47	0.7	
FGL015 08+50W		0.066	0.11	0.72	63	0.32	4.80	60	0.5	
FGL015 08+75W		0.067	0.13	0.87	64	0.28	5.35	68	0.6	
FGL015 09+00W		0.064	0.12	2.18	61	0.14	7.00	56	0.7	
FGL017 00+00		0.046	0.07	0.66	50	0.10	11.55	73	0.9	
FGL017 00+25W		0.036	0.10	0.77	40	0.10	11.70	58	0.9	
FGL017 00+50W		0.043	0.12	1.08	59	0.13	10.85	88	0.6	
FGL017 00+75W		0.046	0.07	0.54	42	0.10	5.37	41	<0.5	
FGL017 01+00W		0.034	0.07	0.48	28	0.10	6.05	29	<0.5	
FGL017 01+25W		0.033	0.11	0.89	49	0.28	9.45	56	0.5	
FGL017 01+50W		0.033	0.14	0.99	50	0.12	4.88	67	<0.5	
FGL017 01+75W		0.035	0.19	1.99	57	0.14	13.70	117	0.6	
FGL017 02+00W		0.042	0.05	0.31	35	<0.05	2.51	31	<0.5	
FGL017 02+25W		0.053	0.11	0.39	51	0.14	3.31	66	<0.5	
FGL017 02+50W		0.034	0.03	0.25	25	<0.05	1.67	21	<0.5	
FGL017 02+75W		0.061	0.15	0.43	70	0.21	3.36	115	<0.5	
FGL017 03+00W		0.060	0.16	0.53	60	0.18	4.25	80	<0.5	
FGL017 03+25W		0.026	0.14	0.56	34	0.07	4.31	43	<0.5	
FGL017 03+50W		0.062	0.21	0.47	58	0.17	3.11	75	<0.5	
FGL017 03+75W		0.060	0.22	0.46	56	0.16	3.39	84	<0.5	
FGL017 04+00W		0.025	1.49	1.22	65	0.19	17.70	1700	0.6	
FGL017 04+25W		0.078	1.88	0.60	78	0.14	7.29	345	<0.5	
FGL017 04+50W		0.070	0.49	0.75	70	0.33	10.40	232	0.5	
FGL017 04+75W		0.035	0.32	0.36	39	0.09	2.26	97	<0.5	
FGL017 05+00W		0.047	0.11	0.36	42	0.11	2.42	45	<0.5	
FGL017 05+25W		0.042	0.09	0.37	33	0.12	2.99	29	<0.5	
FGL017 05+50W		0.072	0.13	0.64	56	0.19	5.18	55	1.2	
FGL017 05+75W		0.061	0.14	0.61	53	0.14	7.14	80	1.5	
FGL017 06+00W		0.062	0.11	0.43	51	0.28	5.03	65	<0.5	
FGL017 06+25W		0.039	0.13	0.86	35	0.14	8.82	44	<0.5	
FGL017 06+50W		0.031	0.05	0.37	26	0.07	3.35	24	<0.5	
FGL017 06+75W		0.050	0.15	0.75	51	0.14	13.00	57	<0.5	
FGL017 07+00W		0.034	0.05	0.35	26	0.08	2.34	24	<0.5	
FGL017 07+25W		0.059	0.08	0.50	46	0.18	4.39	44	<0.5	
FGL017 07+50W		0.032	0.04	0.38	25	0.08	2.10	20	<0.5	

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

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 15- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- r1- TELOEX

CERTIFICATE OF ANALYSIS WH13156424

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- TL44 Au ppm 0.001	ME- MS41 Ag ppm 0.01	ME- MS41 Al % 0.01	ME- MS41 As ppm 0.1	ME- MS41 Au ppm 0.2	ME- MS41 B ppm 10	ME- MS41 Ba ppm 10	ME- MS41 Be ppm 0.05	ME- MS41 Bi ppm 0.01	ME- MS41 Ca % 0.01	ME- MS41 Cd ppm 0.01	ME- MS41 Ce ppm 0.02	ME- MS41 Co ppm 0.1	ME- MS41 Cr ppm 1
FGL017 07+75W		0.59	0.017	0.57	1.66	45.3	<0.2	<10	270	0.53	0.16	0.46	0.25	26.3	9.0	26
FGL017 08+00W		0.45	0.009	0.45	1.55	48.7	<0.2	<10	240	0.56	0.15	0.35	0.13	30.6	8.4	26
FGL017 08+25W		0.50	0.002	0.17	0.89	12.4	<0.2	<10	90	0.26	0.11	0.16	0.11	15.55	4.7	13
FGL017 08+50W		0.55	0.002	0.07	1.96	24.4	<0.2	<10	170	0.45	0.17	0.27	0.17	28.3	11.1	31
FGL017 08+75W		0.38	0.002	0.13	1.58	10.8	<0.2	<10	110	0.45	0.11	0.14	0.15	18.90	7.9	21
FGL017 09+00W		0.35	0.001	0.18	1.35	10.9	<0.2	<10	110	0.35	0.10	0.33	0.22	25.3	8.4	22
FGL017 09+25W		0.32	0.003	0.17	1.16	10.7	<0.2	<10	100	0.28	0.11	0.13	0.12	15.90	5.6	16
FGL017 09+50W		0.39	0.075	0.75	1.88	91.7	<0.2	<10	230	0.53	0.14	0.24	0.32	31.8	11.3	25
FGL017 09+75W		0.45	0.005	0.18	0.92	11.9	<0.2	<10	110	0.22	0.09	0.16	0.19	14.50	5.5	13
FGL017 10+00W		0.43	0.003	0.12	0.99	10.2	<0.2	<10	130	0.25	0.06	0.18	0.09	17.70	5.7	16
FGL017 10+25W		0.54	0.002	0.14	1.01	8.7	<0.2	<10	130	0.26	0.06	0.22	0.07	20.1	6.1	16
FGL024 00+00		0.62	0.003	0.06	1.65	14.1	<0.2	<10	270	0.31	0.12	0.35	0.10	20.7	11.6	27
FGL024 00+25W		0.44	0.002	0.06	1.45	16.6	<0.2	<10	190	0.31	0.13	0.36	0.17	20.6	11.8	24
FGL024 00+50W		0.44	0.002	0.06	1.42	13.6	<0.2	<10	170	0.26	0.11	0.32	0.10	17.85	6.3	23
FGL024 00+75W		0.48	0.003	0.11	1.89	16.6	<0.2	<10	310	0.44	0.15	0.44	0.15	22.5	7.6	28
FGL024 01+00W		0.47	0.003	0.07	1.42	13.8	<0.2	<10	200	0.34	0.13	0.38	0.12	24.3	7.2	27
FGL024 01+25W		0.39	0.002	0.07	1.21	10.7	<0.2	<10	160	0.24	0.09	0.37	0.16	19.40	7.1	21
FGL024 01+50W		0.57	0.002	0.15	1.56	12.9	<0.2	<10	230	0.32	0.13	0.36	0.13	22.3	9.2	27
FGL024 01+75W		0.57	0.002	0.08	1.22	13.2	<0.2	<10	160	0.30	0.10	0.32	0.12	20.8	6.2	21
FGL024 02+00W		0.28	0.004	0.15	1.18	10.9	<0.2	<10	190	0.30	0.11	0.28	0.21	18.95	6.4	20
FGL024 02+25W		0.54	0.004	0.11	0.88	6.5	<0.2	<10	140	0.22	0.07	0.24	0.11	15.05	5.9	14
FGL024 02+50W		0.64	0.006	0.17	1.73	16.9	<0.2	<10	260	0.43	0.14	0.38	0.18	30.7	12.1	29
FGL024 02+75W		0.37	0.006	0.26	1.77	14.3	<0.2	<10	310	0.50	0.15	0.55	0.24	35.0	9.5	31
FGL024 03+00W		0.62	0.004	0.21	1.53	12.9	<0.2	<10	240	0.49	0.12	0.42	0.19	32.3	8.6	27
FGL024 03+25W		0.44	0.002	0.16	0.84	5.9	<0.2	<10	120	0.25	0.06	0.26	0.08	17.05	5.9	12
FGL024 03+50W		0.62	0.006	0.16	1.55	15.6	<0.2	<10	220	0.39	0.13	0.36	0.21	29.4	9.0	31
FGL024 03+75W		0.48	0.006	0.50	0.75	14.0	<0.2	<10	100	0.23	0.05	0.14	0.18	10.65	3.1	11
FGL024 04+00W		0.44	0.006	0.29	0.97	10.8	<0.2	<10	170	0.30	0.07	0.21	0.14	15.95	6.1	17
FGL024 04+25W		0.71	0.073	0.40	1.88	55.9	<0.2	<10	210	0.48	0.14	0.30	0.44	27.5	8.4	32
FGL024 04+50W		0.44	0.027	0.64	1.24	26.0	0.3	<10	160	0.32	0.10	0.16	0.22	15.05	4.1	16
FGL024 04+75W		0.52	0.008	0.22	1.91	18.5	<0.2	<10	140	0.40	0.14	0.25	0.21	24.1	10.0	29
FGL024 05+00W		0.55	0.002	0.15	1.78	13.4	<0.2	<10	160	0.38	0.15	0.24	0.09	21.0	6.9	27
FGL024 05+25W		0.40	0.006	0.14	1.58	10.1	<0.2	<10	200	0.45	0.14	0.24	0.13	30.8	7.2	24
FGL024 05+50W		0.49	0.001	0.12	0.75	3.4	<0.2	<10	110	0.20	0.08	0.21	0.09	13.55	3.2	10
FGL024 05+75W		0.40	0.001	0.11	0.63	3.8	<0.2	<10	70	0.13	0.09	0.13	0.09	8.03	2.8	9
FGL024 06+00W		0.35	0.001	0.10	0.93	6.1	<0.2	<10	80	0.16	0.15	0.14	0.12	14.35	2.5	11
FGL024 06+25W		0.65	0.002	0.10	1.56	10.1	<0.2	<10	220	0.47	0.12	0.31	0.10	33.6	7.9	25
FGL024 06+50W		0.41	0.003	0.05	1.48	13.8	<0.2	<10	140	0.52	0.11	0.22	0.16	27.0	7.6	25
FGL024 06+75W		0.38	0.001	0.06	0.92	8.8	<0.2	<10	60	0.18	0.13	0.09	0.08	13.40	3.7	20
FGL024 07+00W		0.44	0.007	0.12	1.96	13.3	<0.2	<10	130	0.39	0.15	0.14	0.14	17.10	7.1	37

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Finalized Date: 15- SEP- 2013
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Project: ALSM- CW13- 042- r1- TELOEX

CERTIFICATE OF ANALYSIS WH13156424

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
FGL017 07+75W		5.06	24.1	2.62	5.53	0.05	<0.02	0.08	0.029	0.08	15.2	11.8	0.45	433	0.86	0.02
FGL017 08+00W		3.52	26.6	2.55	5.70	0.06	<0.02	0.05	0.027	0.07	18.7	13.5	0.48	338	0.88	0.02
FGL017 08+25W		2.58	14.6	1.48	4.21	<0.05	<0.02	0.03	0.011	0.06	9.0	5.5	0.21	136	0.71	0.03
FGL017 08+50W		3.25	21.9	3.24	6.59	0.05	0.05	0.02	0.029	0.10	13.5	17.8	0.63	369	1.26	0.01
FGL017 08+75W		2.26	20.8	2.08	4.74	<0.05	<0.02	0.02	0.018	0.08	9.1	10.5	0.34	190	0.73	0.02
FGL017 09+00W		2.49	27.5	2.15	5.12	<0.05	<0.02	0.03	0.018	0.11	12.3	9.3	0.40	252	0.79	0.02
FGL017 09+25W		2.07	19.5	1.79	4.49	<0.05	<0.02	0.03	0.015	0.07	8.3	7.0	0.25	171	0.81	0.02
FGL017 09+50W		5.93	34.8	2.69	5.76	0.05	<0.02	0.15	0.026	0.09	18.1	12.3	0.40	569	1.26	0.02
FGL017 09+75W		1.75	17.0	1.56	4.11	<0.05	<0.02	0.03	0.012	0.06	7.2	5.3	0.24	202	0.69	0.02
FGL017 10+00W		1.59	14.5	1.59	3.59	<0.05	<0.02	0.02	0.011	0.08	9.3	6.5	0.29	201	0.45	0.03
FGL017 10+25W		1.83	14.1	1.78	3.78	<0.05	<0.02	0.03	0.013	0.07	10.3	7.0	0.31	190	0.46	0.03
FGL024 00+00		2.77	14.5	2.46	5.88	<0.05	0.02	0.04	0.023	0.07	10.6	13.2	0.52	653	0.62	0.02
FGL024 00+25W		2.67	15.5	2.36	6.56	<0.05	<0.02	0.02	0.023	0.08	10.3	10.9	0.47	703	0.94	0.01
FGL024 00+50W		2.11	14.1	2.04	5.06	<0.05	<0.02	0.01	0.020	0.07	9.2	10.8	0.43	238	0.80	0.02
FGL024 00+75W		2.95	22.6	2.45	6.64	<0.05	<0.02	0.04	0.027	0.08	11.8	11.4	0.47	287	0.86	0.02
FGL024 01+00W		2.01	15.0	2.18	5.42	0.05	0.02	0.01	0.022	0.07	12.5	12.2	0.55	265	0.69	0.01
FGL024 01+25W		1.77	15.3	1.86	4.75	<0.05	<0.02	0.02	0.018	0.06	10.1	9.6	0.41	316	0.67	0.02
FGL024 01+50W		2.05	19.5	2.12	5.39	<0.05	0.02	0.04	0.022	0.07	11.5	11.1	0.45	458	1.03	0.02
FGL024 01+75W		1.79	16.6	1.89	4.55	<0.05	<0.02	0.02	0.019	0.05	10.7	9.6	0.39	242	0.74	0.02
FGL024 02+00W		1.53	24.7	1.73	4.65	<0.05	<0.02	0.04	0.018	0.04	9.9	7.3	0.29	353	1.05	0.02
FGL024 02+25W		1.19	15.0	1.39	3.15	<0.05	<0.02	0.03	0.011	0.03	7.4	5.2	0.20	462	0.95	0.02
FGL024 02+50W		2.62	20.3	2.64	5.91	<0.05	0.02	0.06	0.025	0.05	15.8	12.6	0.48	543	2.37	0.02
FGL024 02+75W		3.28	30.4	2.37	6.04	0.06	0.02	0.07	0.029	0.06	18.5	11.9	0.47	354	2.33	0.02
FGL024 03+00W		2.72	25.5	2.14	5.05	0.05	0.02	0.07	0.027	0.05	17.3	11.1	0.44	357	1.99	0.02
FGL024 03+25W		1.76	14.8	1.29	3.06	<0.05	<0.02	0.06	0.012	0.03	9.6	3.8	0.15	442	1.74	0.03
FGL024 03+50W		2.80	23.8	2.39	5.60	0.05	<0.02	0.03	0.026	0.06	15.5	12.5	0.50	352	1.88	0.02
FGL024 03+75W		2.78	12.6	1.10	2.68	<0.05	<0.02	0.10	0.013	0.04	5.7	3.4	0.13	102	1.02	0.03
FGL024 04+00W		2.78	18.1	1.64	3.43	<0.05	<0.02	0.06	0.016	0.05	8.5	5.7	0.22	340	0.95	0.03
FGL024 04+25W		3.37	24.5	2.73	6.13	0.05	0.02	0.06	0.032	0.07	14.5	16.3	0.57	304	3.08	0.01
FGL024 04+50W		2.27	22.1	1.57	4.60	<0.05	<0.02	0.06	0.020	0.06	8.0	6.0	0.21	149	1.42	0.03
FGL024 04+75W		2.04	17.4	2.56	5.41	0.05	0.05	0.02	0.026	0.10	11.7	13.6	0.55	317	0.56	0.01
FGL024 05+00W		2.21	15.4	2.40	5.91	<0.05	0.02	0.03	0.026	0.07	10.3	12.8	0.49	230	0.63	0.01
FGL024 05+25W		2.00	20.5	2.09	5.52	0.05	<0.02	0.02	0.025	0.06	14.8	9.9	0.40	282	0.59	0.01
FGL024 05+50W		1.48	20.0	1.14	3.35	<0.05	<0.02	0.01	0.011	0.04	7.1	3.7	0.14	120	0.37	0.03
FGL024 05+75W		1.48	9.7	1.17	3.90	<0.05	<0.02	0.02	0.010	0.04	4.1	3.4	0.12	102	0.50	0.02
FGL024 06+00W		0.85	10.6	1.36	5.50	<0.05	<0.02	0.02	0.011	0.04	7.1	4.3	0.11	70	0.80	0.01
FGL024 06+25W		2.11	24.4	2.27	5.30	0.06	<0.02	0.02	0.026	0.07	17.2	11.4	0.48	285	0.63	0.01
FGL024 06+50W		4.34	17.7	2.84	4.85	<0.05	<0.02	0.03	0.026	0.08	12.1	11.9	0.38	363	1.52	0.01
FGL024 06+75W		1.10	11.6	1.94	6.16	<0.05	<0.02	0.04	0.014	0.04	6.8	6.0	0.19	112	0.75	0.01
FGL024 07+00W		2.17	17.1	3.21	7.64	<0.05	0.02	0.03	0.026	0.06	8.2	17.6	0.42	228	1.08	0.01

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

ALS Canada Ltd.
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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 15- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- r1- TELOEX

CERTIFICATE OF ANALYSIS WH13156424

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
FGL017 07+75W		0.95	17.8	600	13.2	13.5	<0.001	0.02	1.50	4.8	0.7	0.4	27.7	<0.01	0.02	1.1
FGL017 08+00W		1.07	16.7	560	9.3	12.2	<0.001	0.02	1.04	5.4	0.6	0.5	25.6	<0.01	0.03	1.7
FGL017 08+25W		0.71	8.4	370	5.5	11.9	<0.001	0.02	0.61	1.5	0.2	0.3	14.2	<0.01	0.02	0.2
FGL017 08+50W		1.80	20.7	590	9.3	13.6	<0.001	0.01	1.08	5.0	0.4	0.5	18.4	<0.01	0.03	4.1
FGL017 08+75W		1.38	14.2	400	6.9	12.0	<0.001	0.01	0.85	2.9	0.3	0.4	13.4	<0.01	0.03	1.6
FGL017 09+00W		1.09	13.7	490	8.3	12.8	<0.001	0.02	1.22	2.9	0.3	0.4	20.4	<0.01	0.02	0.7
FGL017 09+25W		0.79	9.3	420	5.5	11.5	<0.001	0.02	1.00	1.9	0.3	0.3	13.1	<0.01	0.03	0.3
FGL017 09+50W		0.85	18.3	670	20.4	17.1	<0.001	0.03	3.00	5.2	0.8	0.4	22.3	<0.01	0.05	0.9
FGL017 09+75W		0.63	7.9	420	6.9	11.5	<0.001	0.02	0.98	1.7	0.3	0.3	14.9	<0.01	0.02	0.3
FGL017 10+00W		0.67	9.5	410	4.3	9.6	<0.001	0.01	0.69	2.6	0.3	0.2	14.4	<0.01	0.02	0.7
FGL017 10+25W		0.73	9.2	580	4.6	7.9	<0.001	0.01	0.82	3.3	0.3	0.2	15.5	<0.01	0.01	1.4
FGL024 00+00		1.08	16.3	650	11.4	9.1	<0.001	0.01	0.54	4.0	0.2	0.5	27.0	<0.01	0.02	1.6
FGL024 00+25W		0.94	13.8	590	10.7	10.3	<0.001	0.01	0.74	3.0	0.2	0.5	29.9	<0.01	0.03	0.6
FGL024 00+50W		1.13	14.9	540	6.8	9.5	<0.001	0.01	0.65	3.1	0.2	0.4	26.6	<0.01	0.02	1.1
FGL024 00+75W		1.18	16.5	650	10.0	12.1	<0.001	0.02	0.67	4.1	0.2	0.5	34.5	<0.01	0.02	1.2
FGL024 01+00W		1.31	15.6	700	8.1	10.0	<0.001	0.01	0.77	4.0	<0.2	0.5	26.7	<0.01	0.02	2.5
FGL024 01+25W		0.96	12.4	830	6.8	8.7	<0.001	0.02	0.64	2.8	0.2	0.4	28.5	<0.01	0.01	1.1
FGL024 01+50W		1.06	16.5	800	7.8	9.3	<0.001	0.02	0.68	3.7	0.4	0.4	30.8	<0.01	0.02	1.3
FGL024 01+75W		0.97	13.3	680	7.1	8.4	<0.001	0.01	0.92	2.9	0.2	0.4	25.4	<0.01	0.02	1.3
FGL024 02+00W		0.71	11.0	830	7.0	6.2	<0.001	0.04	0.48	2.0	0.4	0.4	28.2	<0.01	0.02	0.3
FGL024 02+25W		0.61	7.9	720	4.6	4.5	<0.001	0.03	0.43	1.6	0.3	0.2	24.1	<0.01	0.01	0.4
FGL024 02+50W		1.14	17.6	910	10.6	8.9	0.001	0.03	0.83	4.5	0.9	0.5	35.1	<0.01	0.02	1.8
FGL024 02+75W		1.07	18.9	1120	10.9	10.5	<0.001	0.05	0.92	4.8	1.1	0.5	50.6	<0.01	0.03	1.3
FGL024 03+00W		0.95	18.9	960	9.1	9.2	<0.001	0.03	0.81	4.4	0.7	0.4	36.4	<0.01	0.03	1.5
FGL024 03+25W		0.45	8.4	680	4.0	4.7	<0.001	0.04	0.38	1.7	0.5	0.2	25.3	<0.01	0.01	0.3
FGL024 03+50W		1.11	21.7	800	7.9	9.7	<0.001	0.02	0.72	4.3	0.7	0.5	30.8	<0.01	0.02	1.9
FGL024 03+75W		0.33	8.5	620	5.1	5.8	<0.001	0.04	0.65	0.9	0.7	0.2	15.6	<0.01	0.01	<0.2
FGL024 04+00W		0.55	13.9	450	4.5	6.2	<0.001	0.02	0.58	3.5	0.6	0.2	20.7	<0.01	0.02	0.6
FGL024 04+25W		1.06	25.8	630	38.3	11.1	<0.001	0.01	2.17	4.4	1.3	0.5	23.0	<0.01	0.04	1.3
FGL024 04+50W		0.54	13.0	410	20.9	7.8	<0.001	0.02	1.35	1.8	0.3	0.3	18.1	<0.01	0.02	<0.2
FGL024 04+75W		1.55	20.3	660	12.1	12.3	<0.001	0.01	1.03	4.1	0.2	0.5	16.7	<0.01	0.03	3.5
FGL024 05+00W		1.38	15.5	490	8.8	11.1	<0.001	0.01	0.64	3.7	0.2	0.5	17.8	<0.01	0.02	2.0
FGL024 05+25W		1.02	15.1	590	7.9	11.5	<0.001	0.01	0.61	3.2	0.2	0.5	19.0	<0.01	0.02	0.9
FGL024 05+50W		0.42	5.7	500	3.8	7.0	<0.001	0.01	0.26	1.0	<0.2	0.2	17.6	<0.01	0.02	<0.2
FGL024 05+75W		0.60	4.6	300	4.1	6.3	<0.001	0.01	0.24	0.9	<0.2	0.3	12.6	<0.01	0.02	<0.2
FGL024 06+00W		1.15	4.9	240	7.2	5.8	<0.001	0.01	0.38	1.3	<0.2	0.6	16.2	0.01	0.02	0.8
FGL024 06+25W		1.12	17.0	680	6.6	11.8	<0.001	0.01	0.64	4.3	0.3	0.5	20.6	<0.01	0.02	1.9
FGL024 06+50W		0.87	14.1	720	22.6	13.4	<0.001	0.02	1.25	2.4	0.2	0.4	17.6	<0.01	0.03	0.6
FGL024 06+75W		1.14	7.5	300	6.4	6.5	<0.001	0.01	0.50	1.6	<0.2	0.5	11.7	<0.01	0.03	0.5
FGL024 07+00W		1.86	14.6	420	7.7	10.8	<0.001	0.01	0.64	3.3	0.2	0.5	15.0	0.01	0.04	1.9

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

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 15- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- r1- TELOEX

CERTIFICATE OF ANALYSIS WH13156424

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	Au- AROR44
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr	Au
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5	0.01
FGL017 07+75W		0.047	0.16	1.09	50	0.17	10.35	76	<0.5	
FGL017 08+00W		0.050	0.11	1.45	54	0.16	11.75	55	0.5	
FGL017 08+25W		0.050	0.10	0.67	39	0.10	4.06	32	<0.5	
FGL017 08+50W		0.078	0.14	0.72	69	0.22	5.74	73	1.9	
FGL017 08+75W		0.069	0.10	0.63	49	0.13	3.88	46	0.5	
FGL017 09+00W		0.069	0.12	0.76	51	0.12	5.67	50	<0.5	
FGL017 09+25W		0.055	0.09	0.64	44	0.11	3.34	36	<0.5	
FGL017 09+50W		0.057	0.18	1.53	59	0.14	10.70	118	<0.5	
FGL017 09+75W		0.060	0.08	0.56	44	0.09	3.54	37	<0.5	
FGL017 10+00W		0.061	0.09	0.60	40	0.08	4.42	35	<0.5	
FGL017 10+25W		0.065	0.08	0.65	46	0.08	4.58	38	<0.5	
FGL024 00+00		0.058	0.10	0.50	56	0.13	4.80	63	0.6	
FGL024 00+25W		0.053	0.10	0.49	55	0.52	3.96	61	<0.5	
FGL024 00+50W		0.057	0.12	0.42	46	0.48	3.65	53	<0.5	
FGL024 00+75W		0.051	0.13	0.75	56	0.17	5.18	60	<0.5	
FGL024 01+00W		0.075	0.12	0.61	49	0.19	5.06	60	0.7	
FGL024 01+25W		0.059	0.08	0.49	43	0.21	4.58	53	<0.5	
FGL024 01+50W		0.057	0.12	0.67	49	0.18	5.23	55	0.5	
FGL024 01+75W		0.056	0.10	0.67	45	0.12	4.66	50	<0.5	
FGL024 02+00W		0.043	0.08	0.87	45	0.12	4.84	42	<0.5	
FGL024 02+25W		0.036	0.07	0.60	31	0.16	4.00	30	<0.5	
FGL024 02+50W		0.050	0.14	1.56	57	0.16	7.89	62	0.5	
FGL024 02+75W		0.046	0.14	1.68	54	0.16	11.20	65	0.5	
FGL024 03+00W		0.051	0.11	1.57	47	0.21	10.75	67	0.6	
FGL024 03+25W		0.037	0.07	0.95	31	0.08	6.09	29	<0.5	
FGL024 03+50W		0.058	0.12	0.86	52	0.32	7.39	66	0.5	
FGL024 03+75W		0.024	0.10	0.61	27	0.06	3.75	44	<0.5	
FGL024 04+00W		0.043	0.08	0.70	39	0.09	6.87	46	<0.5	
FGL024 04+25W		0.070	0.21	0.75	65	0.20	7.13	141	0.5	
FGL024 04+50W		0.043	0.11	0.56	37	0.12	4.37	63	<0.5	
FGL024 04+75W		0.087	0.14	0.54	54	0.20	4.69	70	1.9	
FGL024 05+00W		0.075	0.14	0.52	54	1.20	4.10	52	0.6	
FGL024 05+25W		0.057	0.13	0.74	47	0.52	6.83	45	<0.5	
FGL024 05+50W		0.039	0.06	0.38	29	0.10	3.43	22	<0.5	
FGL024 05+75W		0.048	0.06	0.30	36	0.10	1.42	22	<0.5	
FGL024 06+00W		0.062	0.09	0.32	45	0.11	1.71	20	0.6	
FGL024 06+25W		0.065	0.11	0.75	49	0.21	8.95	48	<0.5	
FGL024 06+50W		0.047	0.11	0.62	49	0.14	5.50	54	<0.5	
FGL024 06+75W		0.072	0.08	0.38	57	0.17	2.04	25	0.5	
FGL024 07+00W		0.084	0.12	0.43	75	0.24	2.78	45	1.1	

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

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 15- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- r1- TELOEX

CERTIFICATE OF ANALYSIS WH13156424

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- TL44 Au ppm 0.001	ME- MS41 Ag ppm 0.01	ME- MS41 Al % 0.01	ME- MS41 As ppm 0.1	ME- MS41 Au ppm 0.2	ME- MS41 B ppm 10	ME- MS41 Ba ppm 10	ME- MS41 Be ppm 0.05	ME- MS41 Bi ppm 0.01	ME- MS41 Ca % 0.01	ME- MS41 Cd ppm 0.01	ME- MS41 Ce ppm 0.02	ME- MS41 Co ppm 0.1	ME- MS41 Cr ppm 1
FGL024 07+25W		0.45	0.005	0.07	1.81	9.1	<0.2	<10	230	0.66	0.09	0.20	0.11	36.7	9.1	26
FGL024 07+50W		0.42	0.001	0.18	1.29	7.2	<0.2	<10	230	0.34	0.11	0.46	0.10	20.0	7.3	17
FGL024 07+75W		0.46	0.002	0.12	0.85	8.3	<0.2	<10	100	0.17	0.11	0.17	0.07	12.60	3.9	15
FGL024 08+00W		0.61	0.002	0.10	1.49	10.8	<0.2	<10	210	0.32	0.14	0.21	0.13	20.0	7.2	23
FGL024 08+25W		0.41	0.001	0.15	0.61	3.3	<0.2	<10	120	0.15	0.05	0.15	0.10	13.95	2.0	7
FGL024 08+50W		0.31	<0.001	0.18	0.75	3.7	<0.2	<10	90	0.17	0.07	0.11	0.11	10.70	3.6	11
FGL024 08+75W		0.46	0.005	0.09	1.82	14.6	<0.2	<10	220	0.39	0.09	0.25	0.11	23.5	8.9	29
FGL024 09+00W		0.46	0.001	0.23	1.13	6.1	<0.2	<10	170	0.29	0.08	0.16	0.07	13.95	5.0	13
FGL024 09+25W		0.78	0.003	0.23	1.70	17.9	<0.2	<10	180	0.37	0.10	0.23	0.09	24.1	8.6	27
FGL024 09+50W		0.57	0.003	0.29	0.92	12.5	<0.2	<10	130	0.23	0.07	0.15	0.04	13.40	5.1	13
FGL024 09+75W		0.49	0.003	0.27	1.51	13.3	<0.2	<10	180	0.37	0.12	0.23	0.11	19.50	6.6	22
FGL024 10+00W		0.63	0.005	0.17	1.40	13.5	<0.2	<10	210	0.40	0.12	0.18	0.11	27.5	6.3	20
FGL024 10+25W		0.61	0.010	0.10	1.92	23.6	<0.2	<10	200	0.44	0.13	0.32	0.11	26.7	9.9	32
FGL024 10+50W		0.48	0.005	0.32	1.50	19.8	<0.2	<10	200	0.40	0.12	0.22	0.18	25.7	7.8	21
FGL024 10+75W		0.58	0.004	0.16	1.58	35.6	<0.2	<10	160	0.32	0.10	0.23	0.10	19.30	8.7	27
FGL024 11+00W		0.59	0.004	0.30	1.52	27.9	<0.2	<10	190	0.52	0.13	0.17	0.14	24.1	5.4	21
FGL024 11+25W		0.54	0.005	0.30	1.41	65.3	<0.2	<10	140	0.29	0.13	0.19	0.12	21.7	5.8	21
AHFGD001		1.65	>1.00	2.56	0.70	4100	2.8	<10	550	0.89	0.06	0.42	3.07	36.3	16.0	19
AHFGD002		1.79	0.635	1.20	0.87	6860	0.6	<10	370	1.53	0.10	0.73	3.72	53.3	38.7	122
AHFGD003		2.98	0.183	0.37	0.49	1935	0.2	<10	180	0.81	0.07	0.38	0.55	59.6	9.7	12
AHFGD004		1.40	0.023	0.30	1.50	68.2	<0.2	<10	570	1.20	0.09	0.49	0.36	48.2	16.6	24
AHFGD005		2.15	0.113	0.25	1.00	743	<0.2	<10	340	0.81	0.13	0.25	1.89	62.0	13.3	19
MMFGD001		2.36	0.078	0.16	0.97	572	<0.2	<10	190	0.59	0.12	0.46	0.75	41.5	9.2	24
MMFGD002		2.35	0.218	0.24	1.39	230	0.2	<10	760	1.66	0.12	0.81	1.33	69.2	16.4	11

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

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 15- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- r1- TELOEX

CERTIFICATE OF ANALYSIS WH13156424

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
FGL024 07+25W		5.17	20.4	2.69	5.32	<0.05	0.02	0.02	0.030	0.10	14.4	11.1	0.45	445	0.73	0.02
FGL024 07+50W		1.74	17.4	1.84	4.84	<0.05	<0.02	0.03	0.019	0.04	10.2	7.8	0.31	554	0.62	0.02
FGL024 07+75W		1.33	9.9	1.77	5.66	<0.05	<0.02	0.02	0.014	0.06	6.4	4.8	0.23	118	0.70	0.02
FGL024 08+00W		1.78	13.2	2.27	6.24	<0.05	<0.02	0.02	0.021	0.09	9.9	11.4	0.40	359	0.76	0.02
FGL024 08+25W		0.89	12.0	0.80	2.41	<0.05	<0.02	0.02	0.008	0.04	6.8	2.1	0.10	69	0.27	0.03
FGL024 08+50W		1.37	10.7	1.15	3.37	<0.05	<0.02	0.02	0.009	0.06	5.1	4.3	0.16	207	0.40	0.03
FGL024 08+75W		4.08	18.2	2.59	5.72	<0.05	<0.02	0.01	0.024	0.10	10.7	12.7	0.59	512	0.66	0.02
FGL024 09+00W		2.94	16.4	1.46	3.98	<0.05	<0.02	0.02	0.015	0.06	6.6	5.7	0.19	259	0.39	0.03
FGL024 09+25W		2.81	16.6	2.52	6.13	<0.05	<0.02	0.03	0.027	0.09	12.1	13.7	0.65	424	0.66	0.02
FGL024 09+50W		1.71	11.9	1.45	3.58	<0.05	<0.02	0.02	0.015	0.06	6.9	6.0	0.28	230	0.39	0.04
FGL024 09+75W		2.10	18.7	2.05	5.91	<0.05	<0.02	0.03	0.025	0.09	10.2	9.0	0.39	306	0.70	0.02
FGL024 10+00W		2.01	19.8	1.89	5.33	<0.05	<0.02	0.02	0.021	0.07	14.1	7.9	0.32	280	0.60	0.02
FGL024 10+25W		2.74	21.4	2.78	6.41	0.05	0.05	0.02	0.030	0.12	13.0	15.1	0.67	376	0.73	0.01
FGL024 10+50W		2.51	22.2	2.12	5.98	<0.05	<0.02	0.04	0.022	0.09	12.8	8.0	0.40	338	0.71	0.02
FGL024 10+75W		3.22	17.5	2.53	5.79	<0.05	<0.02	0.03	0.024	0.09	9.6	11.9	0.52	350	0.83	0.01
FGL024 11+00W		2.70	22.2	1.92	5.43	<0.05	<0.02	0.05	0.023	0.07	13.0	8.6	0.33	204	0.75	0.02
FGL024 11+25W		2.86	14.5	2.16	5.89	<0.05	<0.02	0.04	0.021	0.06	11.1	8.4	0.35	247	0.87	0.01
AHFGD001		17.65	52.1	4.43	2.93	0.08	0.04	1.76	0.044	0.14	22.7	4.1	0.22	1220	16.15	0.01
AHFGD002		18.25	103.5	6.76	3.66	0.09	0.06	1.62	0.084	0.12	25.0	4.2	0.25	1930	10.40	<0.01
AHFGD003		11.75	38.8	3.35	1.81	0.08	0.02	0.38	0.029	0.11	31.9	2.1	0.12	773	2.63	<0.01
AHFGD004		18.60	32.4	5.09	6.53	0.10	0.03	0.54	0.052	0.12	29.3	10.1	0.53	992	1.13	0.01
AHFGD005		5.12	27.5	3.84	3.56	0.09	0.02	0.54	0.036	0.10	32.1	5.6	0.26	1320	1.18	0.01
MMFGD001		5.00	26.6	2.96	3.44	0.08	0.03	0.16	0.027	0.07	23.3	8.3	0.34	425	2.30	0.01
MMFGD002		23.3	12.5	4.90	4.77	0.14	0.04	1.83	0.049	0.21	44.3	9.1	0.22	2670	2.87	0.01

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

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

To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 15- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- r1- TELOEX

CERTIFICATE OF ANALYSIS WH13156424

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
FGL024 07+25W		1.22	16.6	440	6.8	19.0	<0.001	0.01	0.81	4.6	0.2	0.4	17.0	<0.01	0.02	4.5
FGL024 07+50W		0.90	10.0	460	5.9	7.4	<0.001	0.01	0.54	2.7	0.2	0.4	24.4	<0.01	0.03	1.2
FGL024 07+75W		0.69	7.2	280	4.6	11.2	<0.001	0.01	0.44	1.3	<0.2	0.4	14.8	<0.01	0.02	<0.2
FGL024 08+00W		1.24	12.1	440	7.5	16.6	<0.001	0.01	0.53	2.9	<0.2	0.5	19.2	<0.01	0.04	0.9
FGL024 08+25W		0.23	4.1	430	2.4	9.0	<0.001	0.03	0.24	0.3	<0.2	0.2	17.0	<0.01	0.01	<0.2
FGL024 08+50W		0.44	5.2	370	3.4	12.9	<0.001	0.02	0.24	0.8	<0.2	0.2	12.4	<0.01	0.01	<0.2
FGL024 08+75W		1.04	14.2	510	5.9	18.5	<0.001	0.01	0.75	4.2	0.2	0.4	20.2	<0.01	0.02	1.2
FGL024 09+00W		0.76	7.5	350	5.5	11.2	<0.001	0.01	0.35	2.4	<0.2	0.3	15.6	<0.01	0.01	0.7
FGL024 09+25W		1.11	14.0	440	6.6	15.1	<0.001	0.01	0.73	4.6	<0.2	0.5	18.1	<0.01	0.02	1.2
FGL024 09+50W		0.73	7.5	430	3.3	9.7	<0.001	0.01	0.42	2.7	<0.2	0.3	12.7	<0.01	0.02	0.7
FGL024 09+75W		0.93	12.5	500	6.8	15.5	<0.001	0.02	0.77	3.6	<0.2	0.5	19.3	<0.01	0.02	0.8
FGL024 10+00W		0.83	11.0	430	7.2	12.5	<0.001	0.01	0.70	3.5	0.2	0.4	16.5	<0.01	0.02	0.8
FGL024 10+25W		1.38	21.0	640	9.8	15.3	<0.001	<0.01	1.24	5.9	0.2	0.5	21.5	<0.01	0.03	3.9
FGL024 10+50W		0.82	12.3	590	8.6	15.4	<0.001	0.03	1.00	3.6	0.3	0.4	20.7	<0.01	0.03	0.4
FGL024 10+75W		1.02	15.7	570	8.6	13.2	<0.001	0.01	1.67	4.2	0.2	0.4	17.7	<0.01	0.02	1.5
FGL024 11+00W		0.88	11.6	370	8.5	13.0	<0.001	0.01	1.12	3.3	<0.2	0.4	19.0	<0.01	0.03	0.6
FGL024 11+25W		1.10	10.8	320	11.1	13.8	<0.001	0.01	2.49	3.4	<0.2	0.5	17.0	<0.01	0.02	1.4
AHFGD001		0.23	47.3	1040	256	15.2	<0.001	0.11	134.5	8.3	1.3	0.2	318	<0.01	0.09	6.3
AHFGD002		0.12	107.5	1640	83.1	11.7	<0.001	0.01	32.5	22.1	2.3	0.4	41.7	<0.01	0.14	7.3
AHFGD003		0.12	22.2	1040	22.0	10.2	<0.001	<0.01	9.60	6.9	0.9	<0.2	22.0	<0.01	0.06	9.6
AHFGD004		0.23	17.6	1140	25.1	20.6	<0.001	0.01	15.40	15.2	1.2	0.3	20.6	<0.01	0.01	6.4
AHFGD005		0.44	16.5	700	92.1	13.5	<0.001	0.01	45.1	8.2	0.6	0.3	18.6	<0.01	0.04	7.6
MMFGD001		0.61	29.2	1070	21.8	8.3	<0.001	<0.01	7.76	5.6	0.9	0.3	28.6	<0.01	0.05	4.9
MMFGD002		0.11	9.6	2400	29.5	32.5	0.001	0.01	9.86	16.4	1.3	0.5	28.3	<0.01	0.01	8.9

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

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 15- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- r1- TELOEX

CERTIFICATE OF ANALYSIS WH13156424

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	Au- AROR44
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr	Au
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5	0.01
FGL024 07+25W		0.051	0.17	0.74	51	0.15	6.21	55	1.1	
FGL024 07+50W		0.051	0.11	0.68	45	0.13	4.36	32	<0.5	
FGL024 07+75W		0.068	0.07	0.34	56	0.19	1.96	29	<0.5	
FGL024 08+00W		0.072	0.11	0.45	56	0.18	4.03	46	<0.5	
FGL024 08+25W		0.024	0.05	0.31	19	0.07	3.55	14	<0.5	
FGL024 08+50W		0.039	0.05	0.32	28	0.11	2.07	22	<0.5	
FGL024 08+75W		0.071	0.11	0.50	57	0.14	5.59	55	<0.5	
FGL024 09+00W		0.044	0.09	0.39	34	0.12	3.98	25	<0.5	
FGL024 09+25W		0.088	0.14	0.53	59	0.15	4.67	57	<0.5	
FGL024 09+50W		0.054	0.08	0.43	35	0.09	2.92	29	<0.5	
FGL024 09+75W		0.055	0.12	0.72	49	0.15	4.45	45	<0.5	
FGL024 10+00W		0.052	0.10	0.69	47	0.18	6.33	40	<0.5	
FGL024 10+25W		0.086	0.18	0.61	59	0.26	6.89	68	2.0	
FGL024 10+50W		0.061	0.11	0.77	50	0.16	6.15	47	<0.5	
FGL024 10+75W		0.067	0.17	0.51	56	0.24	4.65	59	<0.5	
FGL024 11+00W		0.050	0.13	0.82	45	0.34	5.53	43	<0.5	
FGL024 11+25W		0.047	0.21	0.53	54	0.15	3.84	53	<0.5	
AHFGD001		0.012	2.28	1.36	41	0.45	25.3	428	2.2	2.73
AHFGD002		<0.005	1.85	1.78	75	0.33	25.6	541	2.0	
AHFGD003		<0.005	0.41	1.08	20	0.11	21.0	151	1.3	
AHFGD004		0.009	0.27	1.06	67	0.27	22.8	232	0.8	
AHFGD005		0.024	0.34	1.48	42	0.28	13.00	435	0.8	
MMFGD001		0.041	0.31	0.99	47	0.24	12.45	164	1.3	
MMFGD002		<0.005	1.89	1.36	69	1.41	32.9	354	1.0	

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

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 15- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- r1- TELOEX

CERTIFICATE OF ANALYSIS WH13156424

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: Gold determinations by this method are semi- quantitative due to the small sample weight used (0.5g).
ME- MS41

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
LOG- 22 SCR- 41 WEI- 21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- AROR44 Au- TL44 ME- MS41

ALS Canada Ltd.
2103 Dollarton Hwy
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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 17- SEP- 2013
Account: TELOEX

CERTIFICATE WH13157931

Project: ALSM- CW13- 042- R1- TELOEX

P.O. No.: FG13- 006

This report is for 210 Soil samples submitted to our lab in Whitehorse, YT, Canada on 29- AUG- 2013.

The following have access to data associated with this certificate:

JESSE CAMPBELL MIKE MCCUAIG	CHRIS GALLAGHER	GRAEME HOPKINS

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SCR- 41	Screen to - 180um and save both

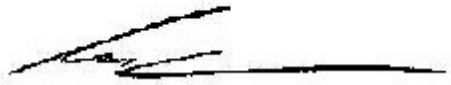
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- TL44	Trace Level Au - 50 g AR	ICP- MS
ME- MS41	51 anal. aqua regia ICPMS	

To: **TERRALOGIC EXPLORATION SERVICES INC.**
ATTN: CHRIS GALLAGHER
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

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

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 17- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13157931

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- TL44 Au ppm 0.001	ME- MS41 Ag ppm 0.01	ME- MS41 Al % 0.01	ME- MS41 As ppm 0.1	ME- MS41 Au ppm 0.2	ME- MS41 B ppm 10	ME- MS41 Ba ppm 10	ME- MS41 Be ppm 0.05	ME- MS41 Bi ppm 0.01	ME- MS41 Ca % 0.01	ME- MS41 Cd ppm 0.01	ME- MS41 Ce ppm 0.02	ME- MS41 Co ppm 0.1	ME- MS41 Cr ppm 1
FGL018 00+00		0.48	0.003	0.13	1.43	10.5	<0.2	<10	130	0.42	0.14	0.37	0.09	22.9	7.6	27
FGL018 00+25E		0.33	0.004	0.20	1.74	13.6	<0.2	<10	140	0.50	0.17	0.23	0.18	27.2	7.7	30
FGL018 00+50E		0.56	0.008	0.15	1.58	13.5	<0.2	<10	160	0.49	0.15	0.31	0.14	27.7	9.0	26
FGL018 00+75E		0.59	0.005	0.47	2.15	14.4	<0.2	<10	150	0.77	0.10	0.30	0.38	36.1	11.8	38
FGL018 01+00E		0.68	0.015	0.07	1.50	19.5	<0.2	<10	220	0.52	0.13	0.32	0.14	36.9	8.4	28
FGL018 01+25E		0.42	0.003	0.30	1.02	6.3	<0.2	<10	140	0.31	0.09	0.23	0.06	15.30	5.7	22
FGL018 01+50E		0.45	0.006	0.16	0.85	5.8	<0.2	<10	110	0.26	0.06	0.20	0.04	16.05	5.0	14
FGL018 01+75E		0.37	0.003	0.14	1.34	10.3	<0.2	<10	160	0.39	0.10	0.31	0.12	25.1	7.0	24
FGL018 02+00E		0.28	0.010	0.22	0.94	6.9	<0.2	<10	180	0.32	0.08	0.39	0.28	20.8	5.9	15
FGL018 02+25E		0.37	0.006	0.15	1.07	10.5	<0.2	<10	170	0.33	0.09	0.31	0.16	20.8	6.1	20
FGL018 02+50E		0.36	0.009	0.58	1.51	35.7	<0.2	<10	290	0.39	0.11	0.47	0.15	24.8	8.7	31
FGL018 02+75E		0.53	0.007	0.30	1.23	43.0	<0.2	<10	280	0.45	0.10	0.42	0.53	30.4	6.3	26
FGL018 03+00E		0.25	0.005	0.52	1.20	18.8	<0.2	<10	250	0.32	0.08	0.39	0.22	16.70	5.7	17
FGL018 03+25E		0.49	0.004	0.29	1.38	37.4	<0.2	<10	240	0.37	0.12	0.35	0.60	21.4	6.8	25
FGL018 03+50E		0.47	0.005	0.67	1.26	40.2	<0.2	<10	240	0.33	0.11	0.35	0.30	17.65	6.4	21
FGL018 03+75E		0.56	0.006	0.92	1.45	29.6	<0.2	<10	270	0.44	0.11	0.34	0.32	22.8	5.8	24
FGL018 04+00E		0.66	0.005	0.50	1.43	28.0	<0.2	<10	370	0.46	0.12	0.33	0.40	30.9	7.9	29
FGL018 04+25E		0.76	0.006	0.63	1.53	35.0	<0.2	<10	370	0.42	0.12	0.35	0.57	26.1	9.3	30
FGL018 04+50E		0.38	0.005	0.97	0.74	9.8	<0.2	<10	160	0.22	0.05	0.16	0.17	11.90	7.0	10
FGL018 04+75E		0.47	0.005	0.68	0.73	12.4	<0.2	<10	150	0.19	0.05	0.15	0.17	10.40	3.0	11
FGL018 05+00E		0.35	0.008	0.84	1.10	24.3	<0.2	<10	210	0.31	0.10	0.22	0.31	19.40	12.8	17
FGL018 05+25E		0.53	0.006	0.38	1.20	13.2	<0.2	<10	210	0.25	0.08	0.22	0.16	17.25	6.6	17
FGL018 05+50E		0.72	0.007	0.28	1.22	24.1	<0.2	<10	140	0.20	0.08	0.26	0.20	17.45	5.1	20
FGL018 05+75E		0.58	0.006	0.31	1.15	15.3	<0.2	<10	140	0.18	0.10	0.21	0.18	14.75	5.2	19
FGL018 06+00E		0.49	0.004	0.27	1.72	9.2	<0.2	<10	220	0.28	0.07	0.49	0.16	16.05	5.7	18
FGL018 06+25E		0.51	0.003	0.14	0.78	6.1	<0.2	<10	130	0.18	0.05	0.26	0.06	11.70	5.5	9
FGL018 06+50E		0.58	0.004	0.18	1.48	6.1	<0.2	<10	240	0.35	0.08	0.37	0.13	16.80	8.6	16
FGL018 06+75E		0.60	0.003	0.04	2.01	23.2	<0.2	<10	260	0.54	0.13	0.23	0.18	20.2	9.7	26
FGL018 07+00E		0.46	0.003	0.05	1.75	15.3	<0.2	<10	200	0.40	0.12	0.34	0.13	20.5	8.4	26
FGL018 07+25E		0.46	0.002	0.05	1.39	5.6	<0.2	<10	380	0.34	0.05	0.49	0.09	21.8	7.2	17
FGL018 00+00 DUP		0.55														
FGL018 00+25W		0.37	0.001	0.08	0.36	2.4	<0.2	<10	20	0.08	0.06	0.05	0.13	4.19	1.7	4
FGL018 00+50W		Not Recvd														
FGL018 00+75W		0.35	0.001	0.09	1.00	10.9	<0.2	<10	80	0.20	0.11	0.12	0.11	12.55	5.1	16
FGL018 01+00W		0.40	0.002	0.14	0.94	5.8	<0.2	<10	120	0.30	0.08	0.21	0.03	20.2	3.5	10
FGL018 01+25W		0.46	0.001	0.21	1.33	9.2	<0.2	<10	140	0.27	0.14	0.22	0.12	20.9	6.1	19
FGL018 01+50W		0.47	0.045	0.13	0.88	6.0	<0.2	<10	90	0.22	0.09	0.12	0.07	16.65	4.5	13
FGL018 01+75W		0.39	0.003	0.16	1.09	9.0	<0.2	<10	120	0.30	0.13	0.16	0.15	18.55	7.8	16
FGL018 02+00W		0.40	0.002	0.24	1.08	11.3	<0.2	<10	150	0.27	0.11	0.22	0.11	21.3	7.0	16
FGL018 02+25W		0.63	0.003	0.13	1.48	18.2	<0.2	<10	130	0.33	0.13	0.22	0.15	22.4	8.0	26

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

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

To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 17- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13157931

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
FGL018 00+00		2.35	21.9	2.27	5.65	0.05	0.02	0.02	0.022	0.06	11.0	14.8	0.43	301	0.61	0.01
FGL018 00+25E		2.38	17.8	2.51	6.48	0.05	0.02	0.03	0.027	0.08	12.0	16.1	0.44	365	0.80	0.01
FGL018 00+50E		2.48	14.4	2.54	6.17	0.06	0.02	0.02	0.024	0.08	13.3	17.2	0.46	376	0.90	0.01
FGL018 00+75E		4.93	22.3	2.99	5.76	0.07	0.07	0.03	0.031	0.08	14.6	16.8	0.65	523	0.62	0.01
FGL018 01+00E		3.07	21.0	2.44	5.34	0.06	0.05	0.07	0.023	0.08	14.8	13.2	0.49	460	0.94	0.01
FGL018 01+25E		3.49	15.1	1.99	4.56	0.05	<0.02	0.04	0.015	0.06	7.5	6.3	0.23	181	0.49	0.02
FGL018 01+50E		1.34	12.9	1.57	3.73	0.05	<0.02	0.02	0.012	0.04	7.2	5.5	0.19	209	0.45	0.02
FGL018 01+75E		1.92	17.4	2.14	5.37	0.06	0.02	0.03	0.021	0.08	12.4	12.4	0.43	328	0.76	0.01
FGL018 02+00E		1.46	19.0	1.49	3.76	0.05	<0.02	0.07	0.015	0.08	10.7	7.1	0.28	370	0.63	0.01
FGL018 02+25E		2.02	16.3	1.74	4.35	0.05	<0.02	0.03	0.017	0.05	10.7	9.7	0.36	294	0.70	0.01
FGL018 02+50E		3.88	15.8	2.43	6.22	0.06	0.03	0.06	0.026	0.06	12.0	14.8	0.50	471	1.68	0.01
FGL018 02+75E		2.95	13.9	2.14	4.46	0.06	0.04	0.03	0.020	0.07	15.2	11.8	0.45	382	1.74	0.01
FGL018 03+00E		2.69	14.8	1.55	4.26	<0.05	0.03	0.06	0.016	0.05	8.1	7.9	0.26	378	0.93	0.02
FGL018 03+25E		2.61	13.9	2.24	5.46	0.05	0.02	0.03	0.025	0.07	10.9	15.8	0.46	435	1.15	<0.01
FGL018 03+50E		3.42	14.9	2.01	4.89	0.05	0.02	0.03	0.019	0.06	9.2	12.1	0.38	287	1.24	0.01
FGL018 03+75E		3.02	21.9	2.00	5.36	0.05	0.02	0.06	0.023	0.07	12.5	11.8	0.39	223	1.15	0.01
FGL018 04+00E		3.35	21.3	2.20	5.33	0.06	0.03	0.05	0.023	0.06	17.1	15.8	0.50	359	1.29	0.01
FGL018 04+25E		3.96	22.1	2.28	5.73	0.05	0.02	0.05	0.026	0.06	13.6	14.8	0.48	901	1.58	0.01
FGL018 04+50E		2.63	11.0	1.14	2.94	<0.05	<0.02	0.10	0.010	0.03	5.5	3.8	0.10	707	0.87	0.02
FGL018 04+75E		2.06	9.5	1.01	3.02	<0.05	<0.02	0.10	0.010	0.03	5.2	4.0	0.13	205	0.76	0.02
FGL018 05+00E		3.46	16.2	1.98	4.72	0.05	<0.02	0.11	0.018	0.04	9.2	6.4	0.20	1220	1.75	0.02
FGL018 05+25E		3.03	14.7	1.44	4.53	<0.05	<0.02	0.09	0.016	0.04	9.0	7.9	0.27	341	0.81	0.02
FGL018 05+50E		2.21	11.0	2.35	5.23	0.05	<0.02	0.07	0.017	0.05	9.3	9.1	0.33	168	1.39	0.01
FGL018 05+75E		2.15	11.3	1.72	4.87	<0.05	<0.02	0.07	0.017	0.04	7.9	7.2	0.31	237	0.85	0.02
FGL018 06+00E		1.87	12.2	2.02	7.46	0.05	<0.02	0.06	0.018	0.04	9.2	9.1	0.47	212	0.78	0.02
FGL018 06+25E		0.84	6.1	1.30	3.49	<0.05	<0.02	0.03	0.011	0.03	5.9	3.7	0.16	344	0.47	0.03
FGL018 06+50E		1.86	9.7	2.06	6.63	<0.05	<0.02	0.04	0.018	0.06	8.9	8.2	0.40	470	0.48	0.02
FGL018 06+75E		2.23	13.2	3.14	8.12	<0.05	0.04	0.01	0.028	0.05	10.3	16.0	0.50	396	1.04	0.01
FGL018 07+00E		1.66	13.2	2.59	6.11	0.05	0.02	0.02	0.024	0.06	10.1	11.3	0.51	329	0.65	0.01
FGL018 07+25E		2.05	7.1	2.20	5.80	0.05	<0.02	0.01	0.016	0.06	14.5	8.5	0.49	423	0.33	0.02
FGL018 00+00 DUP																
FGL018 00+25W		0.38	8.3	0.72	2.37	<0.05	<0.02	0.04	0.006	0.03	2.1	0.9	0.04	43	0.34	0.02
FGL018 00+50W																
FGL018 00+75W		1.97	9.9	1.97	4.98	<0.05	0.02	0.03	0.015	0.05	6.2	9.0	0.25	217	0.49	0.02
FGL018 01+00W		1.95	17.6	1.23	3.24	0.05	<0.02	0.04	0.012	0.04	16.5	4.0	0.13	145	0.29	0.03
FGL018 01+25W		2.51	18.3	2.03	6.21	<0.05	0.02	0.01	0.023	0.06	11.0	11.1	0.47	220	0.73	0.02
FGL018 01+50W		1.84	11.9	1.53	4.29	<0.05	<0.02	0.02	0.016	0.05	8.9	5.4	0.23	151	0.49	0.02
FGL018 01+75W		1.55	19.3	2.11	5.14	<0.05	<0.02	0.02	0.020	0.06	8.7	6.3	0.23	332	0.74	0.02
FGL018 02+00W		2.18	18.8	1.57	4.48	<0.05	<0.02	0.03	0.016	0.07	10.8	5.9	0.23	371	0.91	0.02
FGL018 02+25W		2.42	16.6	2.59	5.98	<0.05	0.02	0.02	0.024	0.08	10.9	12.6	0.49	370	1.08	0.01

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

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 17- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13157931

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
FGL018 00+00		1.28	15.9	620	6.8	8.9	<0.001	0.01	0.71	3.8	0.3	0.5	22.7	<0.01	0.04	2.1
FGL018 00+25E		1.20	17.1	520	9.5	11.1	<0.001	0.02	1.11	4.1	0.4	0.6	18.3	<0.01	0.03	2.0
FGL018 00+50E		1.35	14.9	580	8.6	12.4	<0.001	0.01	1.02	4.0	0.4	0.5	21.9	<0.01	0.03	2.9
FGL018 00+75E		1.18	22.5	690	56.6	13.5	<0.001	0.01	2.26	5.9	0.5	0.4	18.1	<0.01	0.02	4.5
FGL018 01+00E		1.18	19.5	710	9.3	12.2	<0.001	0.01	1.92	4.7	0.4	0.5	19.6	<0.01	0.03	3.8
FGL018 01+25E		0.42	10.2	490	5.8	8.4	<0.001	0.02	0.56	3.1	0.4	0.3	17.8	<0.01	0.02	0.3
FGL018 01+50E		0.53	8.4	590	4.7	6.2	<0.001	0.01	0.39	2.6	0.3	0.2	15.9	<0.01	0.02	0.8
FGL018 01+75E		1.02	14.7	670	7.5	9.7	<0.001	0.02	0.87	3.7	0.4	0.4	22.1	<0.01	0.02	1.5
FGL018 02+00E		0.56	10.5	800	4.9	8.2	<0.001	0.05	0.63	2.3	0.5	0.3	31.3	<0.01	0.02	0.2
FGL018 02+25E		0.70	11.4	740	8.5	7.8	<0.001	0.02	1.12	3.2	0.4	0.3	21.6	<0.01	0.02	1.0
FGL018 02+50E		1.04	17.6	880	35.6	10.4	<0.001	0.02	3.24	4.3	0.5	0.4	29.8	<0.01	0.03	2.0
FGL018 02+75E		0.95	18.5	860	49.2	10.1	<0.001	0.01	5.23	4.3	0.7	0.4	23.5	<0.01	0.03	3.6
FGL018 03+00E		0.70	11.4	740	22.8	8.8	<0.001	0.03	1.76	3.0	0.5	0.3	29.6	<0.01	0.02	1.0
FGL018 03+25E		1.14	14.3	570	49.3	11.1	<0.001	0.01	2.20	3.8	0.4	0.5	23.8	<0.01	0.02	2.1
FGL018 03+50E		0.92	14.8	660	48.9	10.0	<0.001	0.01	2.82	3.6	0.4	0.4	22.9	<0.01	0.02	1.9
FGL018 03+75E		0.88	16.4	590	32.2	11.0	<0.001	0.02	2.15	4.1	0.5	0.4	25.0	<0.01	0.02	1.3
FGL018 04+00E		1.05	18.6	540	31.4	9.9	<0.001	0.01	2.34	5.7	0.7	0.5	22.6	<0.01	0.03	2.7
FGL018 04+25E		0.86	17.1	750	32.6	10.2	<0.001	0.02	2.34	4.7	0.8	0.4	25.1	<0.01	0.03	1.3
FGL018 04+50E		0.26	6.5	700	7.1	4.5	0.001	0.04	0.84	1.9	1.5	0.2	15.7	<0.01	0.02	0.2
FGL018 04+75E		0.32	6.0	650	6.6	4.2	<0.001	0.04	0.77	1.9	1.2	0.2	15.8	<0.01	0.01	0.2
FGL018 05+00E		0.36	9.6	1070	13.0	6.5	<0.001	0.06	1.32	2.5	1.5	0.3	20.3	<0.01	0.04	0.2
FGL018 05+25E		0.50	10.0	730	8.4	6.6	0.001	0.04	0.91	2.8	1.0	0.3	19.5	<0.01	0.02	0.4
FGL018 05+50E		0.75	11.0	810	9.6	6.9	<0.001	0.03	0.84	3.2	0.8	0.3	19.2	<0.01	0.02	0.8
FGL018 05+75E		0.60	9.4	720	9.2	7.2	<0.001	0.03	0.69	2.4	0.5	0.3	19.2	<0.01	0.02	0.4
FGL018 06+00E		0.74	9.3	1040	6.5	5.5	<0.001	0.04	0.43	3.7	<0.2	0.4	44.0	<0.01	0.02	0.7
FGL018 06+25E		0.38	4.6	620	3.6	3.7	<0.001	0.02	0.31	1.7	<0.2	0.2	23.6	<0.01	0.01	0.3
FGL018 06+50E		0.48	8.3	870	6.4	7.6	<0.001	0.02	0.37	2.5	<0.2	0.3	33.0	<0.01	0.02	0.3
FGL018 06+75E		1.20	13.5	580	10.6	10.2	<0.001	<0.01	1.02	4.3	<0.2	0.6	19.6	<0.01	0.03	2.6
FGL018 07+00E		1.01	15.5	870	7.1	7.6	<0.001	0.01	0.91	3.8	0.4	0.5	25.7	<0.01	0.03	2.2
FGL018 07+25E		0.65	8.8	1190	3.9	5.4	<0.001	0.01	0.40	3.3	<0.2	0.3	29.7	<0.01	0.01	1.0
FGL018 00+00 DUP																
FGL018 00+25W		0.38	2.2	300	2.0	2.7	<0.001	0.02	0.15	0.5	<0.2	0.2	7.7	<0.01	0.02	<0.2
FGL018 00+50W																
FGL018 00+75W		1.02	7.4	320	4.2	8.6	<0.001	0.01	0.52	2.2	<0.2	0.4	12.6	<0.01	0.02	1.2
FGL018 01+00W		0.45	5.3	400	2.9	5.9	<0.001	0.02	0.39	2.1	0.2	0.2	18.0	<0.01	0.01	0.3
FGL018 01+25W		1.33	10.7	320	6.9	16.0	<0.001	0.01	0.56	4.0	<0.2	0.6	21.1	<0.01	0.03	1.4
FGL018 01+50W		0.64	6.9	360	4.1	12.9	<0.001	0.01	0.48	2.4	<0.2	0.3	12.2	<0.01	0.02	0.4
FGL018 01+75W		0.91	10.0	520	5.6	13.9	<0.001	0.01	0.66	2.8	<0.2	0.4	16.2	<0.01	0.02	1.0
FGL018 02+00W		0.64	9.7	490	5.3	13.3	<0.001	0.03	0.98	2.0	0.3	0.3	20.3	<0.01	0.02	0.3
FGL018 02+25W		1.23	14.2	450	6.8	13.8	<0.001	0.01	1.41	4.2	<0.2	0.5	17.0	<0.01	0.02	2.2

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

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
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Finalized Date: 17- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13157931

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
FGL018 00+00		0.079	0.10	0.58	56	0.21	5.03	47	0.6
FGL018 00+25E		0.068	0.14	0.65	58	0.20	4.91	71	<0.5
FGL018 00+50E		0.077	0.13	0.63	58	0.50	5.15	56	0.6
FGL018 00+75E		0.076	0.19	0.65	60	0.17	7.06	111	2.3
FGL018 01+00E		0.071	0.14	0.72	52	0.18	7.05	62	1.2
FGL018 01+25E		0.071	0.09	0.42	60	0.14	5.51	42	<0.5
FGL018 01+50E		0.061	0.07	0.45	45	0.09	4.40	29	<0.5
FGL018 01+75E		0.073	0.10	0.60	52	0.18	6.30	51	<0.5
FGL018 02+00E		0.047	0.08	0.59	36	0.12	6.57	47	<0.5
FGL018 02+25E		0.058	0.10	0.60	45	0.19	5.21	49	<0.5
FGL018 02+50E		0.046	0.28	0.60	63	0.18	5.29	118	0.7
FGL018 02+75E		0.062	0.23	0.70	49	0.39	6.58	186	1.3
FGL018 03+00E		0.040	0.17	0.52	37	0.12	4.31	83	0.7
FGL018 03+25E		0.060	0.16	0.50	51	0.14	4.19	170	0.6
FGL018 03+50E		0.051	0.18	0.45	47	0.22	4.46	149	0.5
FGL018 03+75E		0.050	0.17	0.74	44	0.15	4.92	108	<0.5
FGL018 04+00E		0.066	0.16	0.91	51	0.18	10.55	126	0.6
FGL018 04+25E		0.054	0.18	0.80	56	0.86	7.16	131	<0.5
FGL018 04+50E		0.031	0.10	0.69	29	0.08	3.65	42	<0.5
FGL018 04+75E		0.029	0.12	0.59	27	0.07	2.99	40	<0.5
FGL018 05+00E		0.038	0.15	0.83	50	0.11	5.00	66	<0.5
FGL018 05+25E		0.040	0.14	0.58	37	0.11	4.99	56	<0.5
FGL018 05+50E		0.062	0.12	0.48	55	0.12	4.58	63	<0.5
FGL018 05+75E		0.045	0.11	0.49	41	0.12	3.59	53	<0.5
FGL018 06+00E		0.071	0.09	0.53	50	0.11	4.96	63	<0.5
FGL018 06+25E		0.041	0.05	0.33	35	0.06	3.14	31	<0.5
FGL018 06+50E		0.042	0.07	0.46	47	0.10	4.39	57	<0.5
FGL018 06+75E		0.051	0.09	0.40	73	0.23	3.98	67	1.6
FGL018 07+00E		0.074	0.07	0.49	61	0.16	6.18	64	0.7
FGL018 07+25E		0.081	0.04	0.30	49	0.07	5.39	61	<0.5
FGL018 00+00 DUP									
FGL018 00+25W		0.036	0.04	0.20	22	0.07	0.71	10	<0.5
FGL018 00+50W									
FGL018 00+75W		0.065	0.08	0.28	55	0.21	2.37	34	0.8
FGL018 01+00W		0.040	0.05	0.58	32	0.07	12.40	18	<0.5
FGL018 01+25W		0.083	0.11	0.50	53	0.14	4.67	41	0.6
FGL018 01+50W		0.060	0.08	0.45	43	0.10	3.62	27	<0.5
FGL018 01+75W		0.078	0.08	0.47	60	0.13	4.15	36	0.5
FGL018 02+00W		0.050	0.10	0.58	39	0.14	5.91	29	<0.5
FGL018 02+25W		0.079	0.12	0.53	66	0.16	4.31	54	0.7

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

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 17- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13157931

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- TL44 Au ppm 0.001	ME- MS41 Ag ppm 0.01	ME- MS41 Al % 0.01	ME- MS41 As ppm 0.1	ME- MS41 Au ppm 0.2	ME- MS41 B ppm 10	ME- MS41 Ba ppm 10	ME- MS41 Be ppm 0.05	ME- MS41 Bi ppm 0.01	ME- MS41 Ca % 0.01	ME- MS41 Cd ppm 0.01	ME- MS41 Ce ppm 0.02	ME- MS41 Co ppm 0.1	ME- MS41 Cr ppm 1
FGL018 02+50W		0.79	0.002	0.24	1.48	14.5	<0.2	<10	200	0.37	0.12	0.28	0.14	30.3	9.1	24
FGL018 02+75W		0.66	0.003	0.34	1.51	14.7	<0.2	<10	210	0.42	0.12	0.22	0.15	24.0	8.6	22
FGL018 03+00W		0.59	0.003	0.16	1.26	16.6	<0.2	<10	170	0.32	0.10	0.20	0.10	19.55	7.4	20
FGL018 03+25W		0.48	0.003	0.27	1.29	12.8	<0.2	<10	170	0.31	0.11	0.15	0.09	16.20	5.8	18
FGL018 03+50W		0.67	0.004	0.29	1.72	25.8	<0.2	<10	190	0.33	0.14	0.21	0.20	21.9	8.8	28
FGL018 03+75W		0.69	0.006	0.51	1.29	20.9	<0.2	<10	160	0.24	0.09	0.23	0.07	14.45	5.8	19
FGL016 00+00		0.44	0.001	0.07	0.31	4.8	<0.2	<10	60	0.07	0.03	0.28	0.11	6.04	1.9	4
FGL016 00+25W		0.53	0.005	0.60	2.07	48.3	<0.2	<10	360	0.67	0.15	0.57	0.50	38.0	10.8	46
FGL016 00+50W		0.53	0.002	0.16	1.64	56.8	<0.2	<10	160	0.37	0.18	0.34	0.22	21.1	6.3	31
FGL016 00+75W		0.53	0.001	0.13	0.98	33.9	<0.2	<10	110	0.22	0.10	0.19	0.17	13.75	3.0	15
FGL016 01+00W		0.46	0.001	0.06	1.07	101.5	<0.2	<10	110	0.23	0.13	0.21	0.23	16.90	7.1	29
FGL016 01+25W		0.56	0.003	0.16	1.70	26.9	<0.2	<10	100	0.28	0.17	0.13	0.19	19.05	5.5	28
FGL016 01+50W		0.40	0.002	0.31	1.28	23.3	<0.2	<10	120	0.24	0.15	0.14	0.22	16.55	4.3	20
FGL016 01+75W		0.51	0.006	0.60	2.40	73.8	<0.2	<10	240	0.47	0.16	0.16	0.45	20.3	9.8	45
FGL016 02+00W		0.45	0.004	0.19	1.73	52.3	<0.2	<10	180	0.30	0.13	0.19	0.45	17.95	6.8	33
FGL016 02+25W		0.52	0.007	1.06	1.57	70.9	<0.2	<10	450	0.51	0.18	0.24	1.63	44.1	6.9	32
FGL016 02+50W		0.51	0.001	0.41	0.92	31.0	<0.2	<10	80	0.17	0.16	0.10	0.35	17.95	4.8	15
FGL016 02+75W		0.42	0.002	3.81	1.10	165.5	<0.2	<10	120	0.20	0.17	0.21	1.09	20.1	5.9	16
FGL016 03+00W		0.55	0.004	0.71	1.43	73.6	<0.2	<10	270	0.46	0.17	0.24	0.75	30.1	5.7	25
FGL016 03+25W		0.39	0.003	0.19	0.96	7.5	<0.2	<10	90	0.20	0.12	0.17	0.09	14.35	4.2	15
FGL016 03+50W		0.63	0.002	0.10	1.37	11.1	<0.2	<10	130	0.33	0.12	0.18	0.11	19.95	7.0	23
FGL016 03+75W		0.45	0.001	0.14	0.80	4.7	<0.2	<10	110	0.27	0.06	0.20	0.09	13.05	3.7	12
FGL016 04+00W		0.52	0.002	0.06	1.19	10.2	<0.2	<10	130	0.22	0.11	0.24	0.08	14.65	4.9	20
FGL016 04+25W		0.66	0.002	0.17	1.16	10.5	<0.2	<10	200	0.32	0.10	0.36	0.14	18.40	6.5	19
FGL016 04+50W		0.51	0.008	0.15	1.02	11.8	<0.2	<10	170	0.37	0.08	0.48	0.08	18.25	5.3	17
FGL016 04+75W		0.58	0.006	0.13	1.52	16.4	<0.2	<10	220	0.45	0.12	0.35	0.11	26.0	7.1	27
FGL016 05+00W		0.53	0.017	0.25	1.74	17.0	<0.2	<10	350	0.65	0.13	0.42	0.17	37.6	8.7	29
FGL016 05+25W		0.64	0.010	0.16	1.46	27.8	<0.2	<10	250	0.54	0.12	0.45	0.14	32.0	7.6	29
FGL016 05+50W		0.63	0.009	0.14	1.66	31.3	<0.2	<10	220	0.47	0.13	0.41	0.14	26.1	9.1	30
FGL016 05+75W		0.57	0.019	0.23	1.57	24.6	<0.2	<10	250	0.39	0.12	0.44	0.19	26.8	8.1	27
FGL016 06+00W		0.59	0.005	0.21	1.46	15.5	<0.2	<10	200	0.45	0.12	0.38	0.18	25.9	7.2	26
FGL016 06+25W		0.48	0.005	0.34	1.52	25.1	<0.2	<10	250	0.56	0.11	0.36	0.16	25.1	13.5	21
FGL016 06+50W		0.38	0.005	0.45	1.05	21.0	<0.2	<10	160	0.32	0.08	0.41	0.12	13.60	5.7	15
FGL016 06+75W		0.41	0.002	0.23	0.35	4.3	<0.2	<10	50	0.10	0.03	0.13	0.04	4.85	1.5	5
FGL016 07+00W		0.29	0.017	0.17	0.70	11.3	<0.2	<10	90	0.22	0.04	0.20	0.15	13.00	2.9	9
FGL016 07+25W		0.54	0.003	0.25	1.46	37.2	<0.2	<10	190	0.42	0.10	0.34	0.20	23.2	10.9	23
FGL016 07+50W		0.70	0.017	0.14	1.60	47.3	<0.2	<10	200	0.43	0.11	0.46	0.17	22.0	11.6	26
FGL016 00+25E		0.57	0.001	0.06	0.32	5.3	<0.2	<10	110	0.09	0.03	0.53	0.11	4.56	3.1	4
FGL016 00+50E		0.57	0.001	0.10	1.22	20.4	<0.2	<10	180	0.28	0.07	0.58	0.17	18.10	7.1	22
FGL016 00+75E		0.68	0.002	0.07	1.42	19.2	<0.2	<10	200	0.33	0.08	0.51	0.15	15.85	6.9	24

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CERTIFICATE OF ANALYSIS WH13157931

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
FGL018 02+50W		2.54	26.2	2.10	5.07	0.05	<0.02	0.03	0.023	0.08	15.0	11.4	0.45	387	0.89	0.02
FGL018 02+75W		3.14	27.6	2.18	5.51	<0.05	<0.02	0.03	0.024	0.09	12.0	9.6	0.38	410	1.03	0.02
FGL018 03+00W		2.78	19.0	2.21	5.28	<0.05	<0.02	0.02	0.021	0.09	9.4	9.6	0.40	323	0.62	0.02
FGL018 03+25W		2.30	15.5	1.62	4.88	<0.05	<0.02	0.03	0.017	0.09	7.8	7.1	0.28	261	0.52	0.03
FGL018 03+50W		2.69	18.9	2.65	6.43	<0.05	<0.02	0.03	0.025	0.11	11.0	12.9	0.55	423	0.86	0.02
FGL018 03+75W		3.10	15.3	2.01	4.30	<0.05	<0.02	0.05	0.015	0.08	7.5	8.3	0.34	311	0.52	0.03
FGL016 00+00		0.85	5.1	0.62	1.55	<0.05	<0.02	0.02	0.005	0.03	3.2	1.8	0.08	76	0.43	0.04
FGL016 00+25W		4.73	43.4	2.59	7.20	0.06	0.04	0.27	0.042	0.07	21.9	19.1	0.62	380	3.42	0.02
FGL016 00+50W		2.86	21.4	2.43	7.26	<0.05	<0.02	0.03	0.026	0.06	10.9	10.2	0.39	218	1.78	0.01
FGL016 00+75W		1.75	19.0	1.35	4.36	<0.05	<0.02	0.02	0.014	0.04	6.8	5.2	0.18	105	0.96	0.02
FGL016 01+00W		2.09	18.4	2.98	6.77	<0.05	<0.02	0.02	0.025	0.06	8.9	6.0	0.36	344	2.45	0.01
FGL016 01+25W		1.70	15.2	2.77	7.54	<0.05	0.02	0.03	0.024	0.05	9.8	14.6	0.35	173	1.07	0.01
FGL016 01+50W		1.30	14.4	2.01	6.05	<0.05	<0.02	0.03	0.018	0.04	8.6	8.7	0.22	132	1.02	0.01
FGL016 01+75W		2.32	25.7	3.41	7.04	<0.05	0.05	0.05	0.032	0.06	10.0	17.0	0.55	297	1.93	0.01
FGL016 02+00W		1.69	18.1	2.93	6.38	<0.05	<0.02	0.03	0.025	0.06	9.0	12.6	0.37	273	1.23	0.02
FGL016 02+25W		4.21	30.5	2.75	6.39	0.06	<0.02	0.12	0.027	0.06	26.5	7.8	0.27	497	4.84	0.01
FGL016 02+50W		1.94	12.8	1.69	6.21	<0.05	<0.02	0.02	0.015	0.05	9.1	4.7	0.15	358	2.42	0.01
FGL016 02+75W		3.01	14.5	2.10	6.33	<0.05	<0.02	0.55	0.019	0.06	10.2	5.6	0.19	744	3.86	0.01
FGL016 03+00W		4.26	27.1	2.37	5.43	<0.05	<0.02	0.08	0.027	0.06	15.9	6.7	0.26	535	3.20	0.01
FGL016 03+25W		1.08	13.8	1.93	5.04	<0.05	<0.02	0.02	0.015	0.04	7.4	5.0	0.20	143	0.66	0.02
FGL016 03+50W		1.72	13.7	2.07	4.76	<0.05	<0.02	0.04	0.020	0.06	10.0	9.9	0.37	276	0.56	0.02
FGL016 03+75W		1.05	12.9	1.24	2.72	<0.05	<0.02	0.04	0.010	0.04	6.6	4.5	0.19	155	0.38	0.02
FGL016 04+00W		1.52	10.9	1.94	4.64	<0.05	<0.02	0.02	0.019	0.05	7.3	11.7	0.36	248	0.61	0.01
FGL016 04+25W		1.30	16.2	1.74	3.93	<0.05	0.03	0.04	0.012	0.04	9.2	7.5	0.30	481	0.68	0.01
FGL016 04+50W		1.35	15.1	1.59	3.33	<0.05	0.02	0.05	0.013	0.04	9.0	6.7	0.30	273	0.53	0.02
FGL016 04+75W		2.34	16.5	2.28	4.76	<0.05	0.03	0.04	0.023	0.06	13.8	11.9	0.50	299	0.78	0.01
FGL016 05+00W		2.51	25.1	2.37	5.18	0.06	0.04	0.10	0.024	0.05	21.6	12.5	0.52	476	0.82	0.01
FGL016 05+25W		2.31	20.0	2.42	4.74	0.05	0.03	0.07	0.022	0.06	19.4	12.6	0.53	378	0.72	0.01
FGL016 05+50W		2.30	20.4	2.42	5.23	0.05	0.03	0.04	0.025	0.06	14.3	13.7	0.56	432	0.82	0.01
FGL016 05+75W		2.56	20.7	2.39	4.83	<0.05	0.03	0.06	0.022	0.06	14.3	11.0	0.49	865	0.81	0.01
FGL016 06+00W		3.13	24.8	2.16	4.86	<0.05	0.02	0.04	0.018	0.07	14.5	10.7	0.41	357	0.90	0.02
FGL016 06+25W		3.08	22.9	2.22	4.67	<0.05	<0.02	0.06	0.022	0.06	12.4	8.7	0.33	1830	1.34	0.02
FGL016 06+50W		2.54	17.4	1.77	3.79	<0.05	<0.02	0.05	0.012	0.06	7.3	5.2	0.21	341	0.63	0.02
FGL016 06+75W		0.95	7.2	0.56	1.50	<0.05	<0.02	0.03	0.005	0.02	2.9	1.8	0.07	52	0.22	0.02
FGL016 07+00W		2.45	15.3	0.95	2.07	<0.05	<0.02	0.04	0.007	0.03	8.3	4.1	0.12	142	0.49	0.03
FGL016 07+25W		2.70	23.5	2.48	4.51	<0.05	0.02	0.06	0.016	0.06	12.1	9.4	0.36	769	0.86	0.02
FGL016 07+50W		3.15	26.7	2.57	5.04	<0.05	0.02	0.02	0.023	0.07	12.0	13.4	0.58	583	1.18	0.02
FGL016 00+25E		0.41	8.6	1.01	1.54	<0.05	<0.02	0.03	<0.005	0.02	2.5	0.7	0.08	258	0.70	0.03
FGL016 00+50E		3.61	19.8	2.15	4.53	<0.05	0.04	0.03	0.018	0.05	8.5	9.0	0.45	475	1.22	0.01
FGL016 00+75E		3.03	15.5	2.37	5.22	<0.05	0.03	0.03	0.019	0.05	7.8	12.1	0.56	314	0.79	0.01

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	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
FGL018 02+50W		0.95	14.4	490	7.0	13.7	<0.001	0.02	1.05	3.9	0.3	0.4	20.4	<0.01	0.02	1.5
FGL018 02+75W		0.84	12.9	550	7.0	15.4	<0.001	0.02	0.93	3.7	<0.2	0.4	19.6	<0.01	0.02	1.1
FGL018 03+00W		0.76	11.6	520	6.0	13.8	<0.001	0.01	0.91	3.5	0.2	0.4	16.6	<0.01	0.02	0.8
FGL018 03+25W		0.64	9.8	460	5.5	15.1	<0.001	0.02	0.71	2.9	<0.2	0.3	16.1	<0.01	0.03	0.5
FGL018 03+50W		1.20	15.3	490	11.3	17.9	<0.001	0.02	2.72	4.5	<0.2	0.5	17.7	<0.01	0.02	1.7
FGL018 03+75W		0.76	10.9	570	7.7	11.0	<0.001	0.01	1.25	3.4	<0.2	0.3	16.5	<0.01	0.03	1.2
FGL016 00+00		0.21	3.5	390	1.8	2.1	0.001	0.04	0.49	0.8	<0.2	<0.2	17.1	<0.01	0.01	0.3
FGL016 00+25W		0.87	36.1	1020	17.7	11.2	0.002	0.06	5.07	6.4	2.9	0.5	36.9	<0.01	0.04	2.1
FGL016 00+50W		1.08	17.0	450	13.6	10.1	<0.001	0.01	4.84	3.1	0.2	0.7	20.1	<0.01	0.04	0.8
FGL016 00+75W		0.42	7.4	350	8.8	6.1	<0.001	0.01	2.19	1.0	<0.2	0.4	14.3	<0.01	0.02	<0.2
FGL016 01+00W		0.87	19.1	580	13.2	11.7	<0.001	0.01	7.26	2.8	0.2	0.4	18.3	<0.01	0.05	0.5
FGL016 01+25W		1.79	12.0	460	13.6	8.5	<0.001	0.01	1.84	3.4	0.2	0.6	14.9	<0.01	0.04	2.2
FGL016 01+50W		1.22	9.6	400	10.0	5.9	<0.001	0.01	1.86	2.6	<0.2	0.5	16.0	<0.01	0.03	1.2
FGL016 01+75W		1.69	25.3	360	23.0	9.7	<0.001	0.01	7.91	5.4	0.3	0.6	17.3	<0.01	0.05	3.3
FGL016 02+00W		1.37	16.3	590	41.2	9.0	0.001	0.01	7.85	2.9	0.3	0.5	18.1	<0.01	0.05	1.2
FGL016 02+25W		0.83	25.5	430	47.3	11.7	<0.001	0.01	8.85	5.0	0.6	0.6	22.4	<0.01	0.05	1.4
FGL016 02+50W		1.08	8.5	270	18.2	9.7	<0.001	0.01	4.56	1.8	<0.2	0.6	11.2	<0.01	0.02	0.9
FGL016 02+75W		0.99	7.8	400	375	13.8	<0.001	0.01	110.5	1.7	0.2	0.6	18.2	<0.01	0.03	0.9
FGL016 03+00W		0.66	16.2	550	50.9	12.8	<0.001	0.01	9.03	2.9	0.4	0.5	21.6	<0.01	0.04	0.6
FGL016 03+25W		0.51	6.8	520	5.0	7.0	<0.001	0.02	0.48	1.3	<0.2	0.4	17.2	<0.01	0.03	<0.2
FGL016 03+50W		0.88	12.8	520	6.4	9.1	<0.001	0.01	0.72	3.3	0.3	0.4	15.5	<0.01	0.02	1.1
FGL016 03+75W		0.34	7.3	520	7.0	5.2	<0.001	0.03	0.39	1.1	0.3	0.2	16.6	<0.01	<0.01	<0.2
FGL016 04+00W		1.06	9.5	390	6.1	8.0	<0.001	0.02	0.51	2.4	0.3	0.3	17.5	<0.01	0.02	1.0
FGL016 04+25W		0.77	10.4	850	6.3	6.2	<0.001	0.04	0.74	2.5	0.3	0.3	25.4	<0.01	<0.01	0.8
FGL016 04+50W		0.72	9.3	740	5.0	6.2	<0.001	0.04	0.72	2.5	0.6	0.2	26.5	<0.01	0.01	0.9
FGL016 04+75W		0.95	14.8	710	8.0	9.5	<0.001	0.02	0.77	4.2	0.6	0.4	21.3	<0.01	<0.01	1.9
FGL016 05+00W		0.89	17.5	840	7.9	9.0	<0.001	0.04	0.85	5.5	1.0	0.3	26.5	<0.01	0.01	1.8
FGL016 05+25W		1.04	16.8	610	8.2	8.8	<0.001	0.02	1.01	5.5	0.8	0.3	25.6	<0.01	0.01	2.7
FGL016 05+50W		1.05	17.0	680	8.1	9.8	<0.001	0.03	0.93	4.4	0.5	0.4	24.8	<0.01	0.03	1.9
FGL016 05+75W		0.83	14.5	810	9.6	9.3	<0.001	0.05	1.18	4.2	0.7	0.3	27.5	<0.01	0.01	1.4
FGL016 06+00W		0.91	15.4	750	7.2	10.4	<0.001	0.04	0.67	3.6	0.7	0.3	24.7	<0.01	0.02	1.0
FGL016 06+25W		0.74	13.1	820	7.6	9.2	<0.001	0.06	0.68	2.9	0.6	0.3	25.7	<0.01	0.02	0.6
FGL016 06+50W		0.60	9.0	510	5.4	8.5	<0.001	0.03	0.61	2.6	0.5	0.2	20.5	<0.01	0.01	0.4
FGL016 06+75W		0.33	2.9	420	2.1	1.7	<0.001	0.03	0.21	0.9	0.2	<0.2	9.5	<0.01	<0.01	<0.2
FGL016 07+00W		0.41	5.6	690	2.9	3.3	<0.001	0.05	0.54	1.5	0.6	<0.2	14.0	<0.01	0.01	0.2
FGL016 07+25W		0.83	14.3	680	8.2	8.5	<0.001	0.04	1.05	3.5	0.8	0.3	22.0	<0.01	0.02	1.0
FGL016 07+50W		1.06	17.1	640	10.4	9.9	<0.001	0.04	1.33	3.9	0.4	0.3	31.6	<0.01	0.02	1.4
FGL016 00+25E		0.30	4.3	560	1.2	1.3	<0.001	0.06	0.54	0.6	0.5	<0.2	32.2	<0.01	<0.01	<0.2
FGL016 00+50E		0.76	11.7	910	7.4	6.8	<0.001	0.04	1.31	3.3	0.4	0.3	35.4	<0.01	0.01	1.0
FGL016 00+75E		1.07	12.9	640	6.9	7.8	<0.001	0.03	1.07	3.4	0.4	0.4	31.0	<0.01	0.01	1.3

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

ALS Canada Ltd.
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 17- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13157931

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
FGL018 02+50W		0.071	0.12	1.00	51	0.14	7.73	46	<0.5
FGL018 02+75W		0.056	0.12	0.90	52	0.14	5.68	45	<0.5
FGL018 03+00W		0.071	0.11	0.51	57	0.10	4.26	50	<0.5
FGL018 03+25W		0.050	0.11	0.56	39	0.12	3.58	37	<0.5
FGL018 03+50W		0.084	0.14	0.56	62	0.17	4.29	60	0.6
FGL018 03+75W		0.061	0.12	0.41	47	0.11	3.67	48	<0.5
FGL016 00+00		0.032	0.06	0.23	21	<0.05	2.44	15	<0.5
FGL016 00+25W		0.039	0.29	3.30	71	0.15	15.25	151	1.1
FGL016 00+50W		0.058	0.20	0.56	70	0.16	4.08	78	<0.5
FGL016 00+75W		0.031	0.13	0.35	36	0.11	2.76	37	<0.5
FGL016 01+00W		0.072	0.14	0.36	87	0.15	3.67	101	<0.5
FGL016 01+25W		0.080	0.14	0.49	67	0.23	3.22	45	0.9
FGL016 01+50W		0.065	0.11	0.37	56	0.16	3.36	35	0.5
FGL016 01+75W		0.090	0.22	0.57	81	0.20	4.12	133	2.0
FGL016 02+00W		0.079	0.14	0.39	73	0.23	3.56	102	0.5
FGL016 02+25W		0.043	0.38	0.91	98	0.18	12.00	251	<0.5
FGL016 02+50W		0.048	0.16	0.36	71	0.15	2.26	85	<0.5
FGL016 02+75W		0.044	0.61	0.45	56	0.18	2.47	222	<0.5
FGL016 03+00W		0.027	0.36	1.04	54	0.16	7.17	195	<0.5
FGL016 03+25W		0.062	0.07	0.41	58	0.15	2.86	33	<0.5
FGL016 03+50W		0.061	0.10	0.57	48	0.16	4.24	45	<0.5
FGL016 03+75W		0.036	0.06	0.41	30	0.09	4.05	32	<0.5
FGL016 04+00W		0.053	0.09	0.29	47	0.11	2.63	52	<0.5
FGL016 04+25W		0.040	0.11	0.72	42	0.11	4.89	41	0.8
FGL016 04+50W		0.038	0.09	0.89	36	0.13	5.54	37	0.8
FGL016 04+75W		0.047	0.15	0.81	51	0.15	6.53	56	0.7
FGL016 05+00W		0.043	0.17	1.65	53	0.17	15.85	63	0.9
FGL016 05+25W		0.058	0.13	1.15	53	0.28	12.20	60	1.0
FGL016 05+50W		0.054	0.15	1.31	55	0.12	6.84	61	0.7
FGL016 05+75W		0.041	0.15	1.00	53	0.12	7.82	63	0.7
FGL016 06+00W		0.051	0.10	1.01	51	0.11	8.50	58	0.6
FGL016 06+25W		0.040	0.13	0.95	49	0.14	7.23	44	<0.5
FGL016 06+50W		0.052	0.08	0.58	46	0.09	5.36	40	<0.5
FGL016 06+75W		0.025	0.05	0.40	16	<0.05	1.70	13	<0.5
FGL016 07+00W		0.032	0.08	1.49	23	0.05	5.79	24	<0.5
FGL016 07+25W		0.064	0.12	1.11	59	0.10	7.47	56	0.5
FGL016 07+50W		0.063	0.12	1.18	59	0.13	6.53	61	0.6
FGL016 00+25E		0.039	0.03	0.26	27	<0.05	1.99	19	0.5
FGL016 00+50E		0.041	0.12	0.39	50	0.08	4.56	64	0.8
FGL016 00+75E		0.063	0.10	0.32	57	0.09	4.05	70	1.0

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

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 17- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13157931

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- TL44 Au ppm 0.001	ME- MS41 Ag ppm 0.01	ME- MS41 Al % 0.01	ME- MS41 As ppm 0.1	ME- MS41 Au ppm 0.2	ME- MS41 B ppm 10	ME- MS41 Ba ppm 10	ME- MS41 Be ppm 0.05	ME- MS41 Bi ppm 0.01	ME- MS41 Ca % 0.01	ME- MS41 Cd ppm 0.01	ME- MS41 Ce ppm 0.02	ME- MS41 Co ppm 0.1	ME- MS41 Cr ppm 1
FGL016 01+00E		0.45	0.003	0.17	1.58	17.4	<0.2	<10	260	0.47	0.10	0.54	0.13	26.9	7.9	27
FGL016 01+25E		0.26	0.001	0.15	0.51	1.8	<0.2	<10	190	0.17	0.04	0.74	0.29	11.70	2.7	6
FGL016 01+50E		0.39	0.007	0.17	1.27	9.3	<0.2	<10	270	0.38	0.08	0.80	0.18	16.00	4.9	19
FGL016 01+75E		0.44	0.002	0.09	0.54	2.9	<0.2	<10	150	0.16	0.04	0.52	0.11	7.67	2.3	7
FGL016 02+00E		0.47	0.002	0.07	1.52	16.8	<0.2	<10	240	0.40	0.11	0.45	0.12	21.0	8.4	29
FGL016 02+25E		0.51	0.001	0.14	0.58	2.2	<0.2	<10	140	0.17	0.04	0.33	0.05	11.45	2.1	7
FGL031 00+00		0.44	0.015	0.08	1.88	22.4	<0.2	<10	230	0.51	0.12	0.23	0.14	27.4	8.4	32
FGL031 00+25E		0.49	0.001	0.07	0.32	1.6	<0.2	<10	40	0.06	0.03	0.10	0.03	3.98	1.6	4
FGL031 00+50E		0.48	0.001	0.08	0.54	4.2	<0.2	<10	60	0.11	0.05	0.09	0.07	6.21	2.0	7
FGL031 00+75E		0.55	0.004	0.05	2.30	19.2	<0.2	<10	160	0.57	0.12	0.20	0.09	22.0	9.6	41
FGL031 01+00E		0.36	0.001	0.11	1.37	10.1	<0.2	<10	90	0.28	0.10	0.13	0.10	12.10	4.3	21
FGL031 01+25E		0.47	0.002	0.05	1.59	14.5	<0.2	<10	110	0.37	0.12	0.22	0.12	17.00	7.3	26
FGL031 01+50E		0.51	0.003	0.16	2.19	16.3	<0.2	<10	130	0.37	0.17	0.20	0.10	19.95	7.4	34
FGL031 01+75E		0.54	0.003	0.35	1.94	16.4	<0.2	<10	100	0.40	0.15	0.17	0.17	18.00	7.2	33
FGL031 02+00E		0.43	0.002	0.16	2.36	14.0	<0.2	<10	140	0.49	0.15	0.19	0.12	22.3	8.7	36
FGL031 02+25E		0.42	0.001	0.07	0.78	4.5	<0.2	<10	60	0.17	0.06	0.15	0.04	8.91	3.3	12
FGL031 02+50E		0.63	0.002	0.07	1.72	11.0	<0.2	<10	110	0.36	0.13	0.16	0.10	19.65	6.5	25
FGL031 02+75E		0.51	0.002	0.19	1.82	12.4	<0.2	<10	120	0.27	0.14	0.19	0.14	19.20	6.0	26
FGL031 03+00E		0.49	0.002	0.64	1.31	9.1	<0.2	<10	110	0.32	0.10	0.14	0.10	14.05	4.8	18
FGL031 03+25E		0.48	0.001	0.13	0.60	6.5	<0.2	<10	80	0.11	0.05	0.12	0.07	6.99	2.4	8
FGL031 03+50E		0.57	0.002	0.18	1.57	14.8	<0.2	<10	130	0.28	0.13	0.23	0.09	19.70	5.8	25
FGL031 03+75E		0.47	0.005	0.17	1.78	15.3	<0.2	<10	210	0.46	0.15	0.21	0.09	30.3	6.0	27
FGL031 04+00E		0.42	0.001	0.07	0.27	1.3	<0.2	<10	30	0.06	0.02	0.10	0.02	4.40	1.9	4
FGL031 04+25E		0.64	0.010	0.16	1.97	77.7	<0.2	<10	180	0.46	0.12	0.20	0.16	21.7	7.5	27
FGL031 04+50E		0.53	0.002	0.11	0.75	13.1	<0.2	<10	80	0.14	0.06	0.10	0.06	7.22	3.1	11
FGL031 04+75E		0.61	0.011	0.39	1.71	19.0	<0.2	<10	160	0.35	0.12	0.25	0.12	19.35	5.9	26
FGL031 05+00E		0.53	0.009	0.19	2.07	73.6	<0.2	<10	220	0.47	0.10	0.32	0.24	27.4	10.7	34
FGL031 05+25E		0.59	0.005	0.20	1.65	18.1	<0.2	<10	170	0.31	0.09	0.27	0.11	18.45	6.4	26
FGL031 05+50E		0.57	0.003	0.33	1.20	13.5	<0.2	<10	120	0.22	0.08	0.17	0.08	13.45	4.3	18
FGL031 05+75E		0.66	0.004	0.35	1.96	27.4	<0.2	<10	200	0.40	0.13	0.20	0.12	21.3	7.4	30
FGL031 06+00E		0.77	0.005	0.15	1.95	45.4	<0.2	<10	180	0.33	0.12	0.21	0.13	21.6	7.1	31
FGL031 06+25E		0.62	0.009	0.18	2.09	29.4	<0.2	<10	230	0.45	0.12	0.24	0.13	25.3	9.7	33
FGL031 06+50E		0.62	0.003	0.16	1.75	27.0	<0.2	<10	140	0.28	0.12	0.17	0.11	18.60	6.6	27
FGL031 06+75E		0.52	0.005	0.24	2.20	38.8	<0.2	<10	220	0.45	0.14	0.21	0.23	21.7	9.7	35
FGL031 07+00E		0.55	0.003	0.24	0.98	12.8	<0.2	<10	120	0.20	0.06	0.13	0.08	11.25	3.9	13
FGL031 07+25E		0.45	0.002	0.20	0.71	9.9	<0.2	<10	100	0.20	0.04	0.14	0.07	11.00	3.1	10
FGL031 07+50E		0.65	0.006	0.29	0.91	10.2	<0.2	<10	140	0.20	0.05	0.18	0.07	11.25	5.2	10
FGL031 07+75E		0.41	0.005	0.81	1.57	11.7	<0.2	<10	340	0.49	0.07	0.31	0.30	25.2	5.6	17
FGL031 08+00E		0.60	0.007	0.34	1.72	47.3	<0.2	<10	360	0.43	0.09	0.28	0.16	25.5	8.0	27
FGL031 08+25E		0.54	0.004	0.09	1.45	45.3	<0.2	<10	210	0.34	0.10	0.27	0.22	27.0	10.6	28

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44 - 12TH AVENUE SOUTH
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Finalized Date: 17- SEP- 2013
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Project: ALSM- CW13- 042- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13157931

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
FGL016 01+00E		3.68	14.9	2.42	4.99	0.06	0.04	0.07	0.023	0.05	16.6	12.5	0.51	552	1.05	0.01
FGL016 01+25E		1.40	13.7	0.76	1.76	<0.05	0.02	0.06	0.006	0.03	8.1	1.2	0.10	266	0.47	0.03
FGL016 01+50E		5.17	19.5	1.70	4.08	<0.05	0.04	0.07	0.015	0.05	11.9	7.7	0.34	325	0.57	0.02
FGL016 01+75E		1.53	11.3	0.78	1.87	<0.05	0.02	0.04	0.007	0.03	4.6	2.1	0.12	151	0.35	0.03
FGL016 02+00E		4.85	16.3	2.46	5.71	<0.05	0.03	0.03	0.024	0.06	11.4	14.2	0.57	357	0.71	0.01
FGL016 02+25E		1.17	8.2	0.79	1.94	<0.05	<0.02	0.04	0.007	0.03	6.1	2.5	0.13	84	0.24	0.03
FGL031 00+00		2.05	19.5	2.53	5.25	<0.05	0.02	0.02	0.021	0.08	13.8	11.6	0.52	418	0.71	0.01
FGL031 00+25E		0.41	5.6	0.66	1.54	<0.05	<0.02	0.01	<0.005	0.03	2.0	0.7	0.04	48	0.15	0.03
FGL031 00+50E		0.73	9.5	0.93	2.34	<0.05	<0.02	0.01	0.008	0.03	3.4	2.1	0.09	59	0.27	0.02
FGL031 00+75E		2.43	20.2	2.95	6.29	<0.05	0.05	0.03	0.027	0.09	9.6	15.0	0.67	371	0.81	0.01
FGL031 01+00E		1.26	23.4	1.78	4.65	<0.05	<0.02	0.02	0.014	0.05	5.9	7.2	0.31	135	0.67	0.01
FGL031 01+25E		1.36	13.5	2.31	4.99	<0.05	0.02	0.02	0.017	0.07	8.4	11.2	0.45	233	0.74	0.01
FGL031 01+50E		1.76	16.6	2.86	6.36	<0.05	0.04	0.01	0.022	0.08	9.7	12.8	0.48	342	1.56	0.01
FGL031 01+75E		1.56	16.0	2.81	6.49	<0.05	0.02	0.02	0.021	0.07	9.4	12.0	0.44	237	1.28	0.02
FGL031 02+00E		1.42	16.3	2.86	6.11	<0.05	0.04	0.02	0.027	0.07	11.1	12.6	0.50	322	0.97	0.01
FGL031 02+25E		0.72	18.0	1.23	2.80	<0.05	<0.02	0.02	0.009	0.04	4.5	4.2	0.16	106	0.38	0.02
FGL031 02+50E		1.62	15.6	2.32	5.78	<0.05	<0.02	0.02	0.021	0.07	8.3	12.6	0.40	237	0.79	0.01
FGL031 02+75E		1.56	15.0	2.43	6.56	<0.05	0.02	0.02	0.020	0.06	9.1	14.6	0.46	173	0.77	0.01
FGL031 03+00E		1.56	14.4	1.84	4.25	<0.05	<0.02	0.04	0.015	0.05	6.2	7.6	0.25	209	0.71	0.02
FGL031 03+25E		0.70	10.3	0.95	2.57	<0.05	<0.02	0.02	0.006	0.04	3.4	2.7	0.11	84	0.29	0.03
FGL031 03+50E		1.64	14.2	2.50	6.16	<0.05	0.02	0.01	0.019	0.06	9.3	11.6	0.47	205	0.76	0.01
FGL031 03+75E		1.69	18.2	2.37	6.36	<0.05	0.02	0.03	0.024	0.05	18.1	10.3	0.40	239	0.75	0.01
FGL031 04+00E		0.19	3.7	0.74	1.43	<0.05	<0.02	0.01	<0.005	0.03	2.0	0.6	0.04	55	0.12	0.03
FGL031 04+25E		3.22	17.3	2.83	6.32	<0.05	0.03	0.02	0.025	0.08	9.8	13.1	0.51	301	0.75	0.01
FGL031 04+50E		1.33	9.0	1.43	3.40	<0.05	<0.02	0.01	0.009	0.04	3.6	4.0	0.17	112	0.43	0.02
FGL031 04+75E		2.15	18.3	2.21	5.51	<0.05	<0.02	0.03	0.020	0.08	8.9	9.7	0.43	199	0.61	0.02
FGL031 05+00E		3.92	23.7	3.53	6.54	0.05	0.03	0.03	0.028	0.13	12.7	13.7	0.72	625	1.11	0.01
FGL031 05+25E		1.86	18.3	2.39	4.86	<0.05	<0.02	0.04	0.020	0.08	8.3	10.7	0.48	226	0.57	0.02
FGL031 05+50E		1.31	13.1	1.68	3.91	<0.05	<0.02	0.03	0.014	0.06	5.9	6.3	0.28	152	0.51	0.02
FGL031 05+75E		2.25	15.1	2.85	6.63	<0.05	0.02	0.02	0.028	0.07	11.0	14.1	0.56	342	0.82	0.01
FGL031 06+00E		2.37	16.4	3.05	6.90	<0.05	0.02	0.02	0.025	0.07	10.3	13.7	0.54	310	1.09	0.01
FGL031 06+25E		2.99	24.6	3.02	6.47	<0.05	0.02	0.21	0.026	0.08	13.3	12.8	0.51	502	1.02	0.02
FGL031 06+50E		2.47	14.3	2.71	6.59	<0.05	<0.02	0.02	0.022	0.07	8.6	12.5	0.51	268	0.89	0.01
FGL031 06+75E		5.39	19.9	3.37	7.08	<0.05	0.02	0.02	0.029	0.08	11.2	16.7	0.57	485	1.58	0.01
FGL031 07+00E		1.66	11.3	1.36	3.54	<0.05	<0.02	0.05	0.012	0.05	5.5	4.4	0.18	174	0.57	0.03
FGL031 07+25E		1.60	10.4	1.16	2.51	<0.05	<0.02	0.04	0.009	0.04	6.1	3.3	0.14	161	0.49	0.03
FGL031 07+50E		1.64	11.1	1.48	3.12	<0.05	<0.02	0.04	0.012	0.04	5.0	3.4	0.13	201	0.67	0.03
FGL031 07+75E		3.63	33.0	1.84	4.49	<0.05	<0.02	0.13	0.019	0.06	15.2	5.5	0.18	276	0.82	0.03
FGL031 08+00E		3.96	21.6	2.66	5.55	<0.05	0.02	0.05	0.023	0.07	14.1	11.4	0.47	477	1.18	0.02
FGL031 08+25E		2.98	19.9	2.89	5.30	<0.05	<0.02	0.02	0.021	0.06	13.9	11.2	0.53	787	1.44	0.01

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

ALS Canada Ltd.
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To: TERRALOGIC EXPLORATION SERVICES INC.
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 17- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13157931

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
FGL016 01+00E		0.88	14.0	920	7.6	6.9	<0.001	0.05	1.04	5.0	0.7	0.4	32.8	<0.01	0.02	1.5
FGL016 01+25E		0.43	4.7	740	1.7	2.7	<0.001	0.09	0.39	1.0	0.4	<0.2	49.1	<0.01	<0.01	0.2
FGL016 01+50E		0.67	10.1	830	4.5	6.8	<0.001	0.07	0.60	3.1	0.5	0.3	41.0	<0.01	0.01	0.5
FGL016 01+75E		0.44	4.4	560	1.8	3.1	<0.001	0.06	0.28	1.0	0.4	<0.2	32.4	<0.01	<0.01	0.2
FGL016 02+00E		1.28	15.5	610	8.1	10.9	<0.001	0.03	0.73	4.2	0.3	0.4	30.8	<0.01	0.01	1.7
FGL016 02+25E		0.40	4.2	510	1.8	3.0	<0.001	0.05	0.23	1.1	0.3	<0.2	23.2	<0.01	<0.01	<0.2
FGL031 00+00		1.22	16.9	600	7.1	10.4	<0.001	0.02	0.99	5.0	0.7	0.4	18.2	<0.01	0.03	1.9
FGL031 00+25E		0.14	1.8	390	1.3	2.2	<0.001	0.01	0.13	0.2	0.2	<0.2	8.3	<0.01	<0.01	<0.2
FGL031 00+50E		0.19	3.6	330	2.4	3.7	<0.001	0.02	0.20	0.3	0.2	<0.2	9.4	<0.01	<0.01	<0.2
FGL031 00+75E		1.60	20.1	500	7.4	12.8	<0.001	0.02	0.86	5.1	0.4	0.5	16.2	<0.01	0.02	3.4
FGL031 01+00E		0.65	10.2	360	5.2	6.6	<0.001	0.02	0.49	1.4	0.3	0.4	12.3	<0.01	0.01	<0.2
FGL031 01+25E		1.33	15.1	710	6.5	8.9	<0.001	0.02	0.90	2.5	0.3	0.4	13.9	<0.01	0.01	1.0
FGL031 01+50E		1.97	15.6	400	8.3	12.1	<0.001	0.02	0.62	3.6	0.3	0.6	18.0	<0.01	0.02	2.9
FGL031 01+75E		1.91	15.0	440	7.9	13.1	<0.001	0.02	0.79	3.2	0.3	0.6	17.9	<0.01	0.02	1.8
FGL031 02+00E		1.80	18.5	460	8.6	10.4	<0.001	0.02	0.64	4.0	0.4	0.5	16.0	<0.01	0.01	3.0
FGL031 02+25E		0.44	6.6	420	3.9	3.9	<0.001	0.02	0.23	0.9	0.3	0.2	12.5	<0.01	<0.01	<0.2
FGL031 02+50E		1.42	13.2	450	6.7	9.4	<0.001	0.02	0.49	2.7	0.5	0.5	12.9	<0.01	0.02	1.1
FGL031 02+75E		1.63	15.4	420	7.7	10.6	<0.001	0.01	0.62	3.3	0.2	0.6	16.7	<0.01	0.03	1.6
FGL031 03+00E		0.87	9.5	360	4.8	7.6	<0.001	0.01	0.48	2.2	0.4	0.3	12.8	<0.01	0.02	0.5
FGL031 03+25E		0.17	4.2	320	2.5	5.6	<0.001	0.01	0.22	0.4	0.3	0.2	11.7	<0.01	0.01	<0.2
FGL031 03+50E		1.47	13.4	390	6.7	10.1	<0.001	0.01	0.72	3.6	0.2	0.5	16.2	<0.01	0.02	1.9
FGL031 03+75E		1.26	13.5	370	8.5	9.8	<0.001	0.01	0.56	4.4	0.6	0.6	18.2	<0.01	0.01	1.4
FGL031 04+00E		0.11	1.8	370	0.7	2.0	<0.001	0.01	0.07	0.3	<0.2	<0.2	9.3	<0.01	<0.01	<0.2
FGL031 04+25E		1.23	13.6	410	7.0	12.8	<0.001	0.01	0.91	4.7	0.3	0.5	14.3	<0.01	0.02	2.2
FGL031 04+50E		0.38	5.4	300	3.0	6.0	<0.001	0.01	0.38	1.1	<0.2	0.3	9.6	<0.01	0.01	<0.2
FGL031 04+75E		0.97	14.7	560	7.5	11.8	<0.001	0.02	0.76	2.8	0.3	0.5	20.0	<0.01	0.03	0.6
FGL031 05+00E		1.08	20.5	730	15.1	14.3	<0.001	0.02	2.04	6.0	0.4	0.5	20.5	<0.01	0.02	2.8
FGL031 05+25E		1.04	16.7	580	6.0	9.3	<0.001	0.01	0.80	3.5	0.7	0.4	19.5	<0.01	0.01	1.1
FGL031 05+50E		0.58	10.5	440	4.9	7.6	<0.001	0.02	0.57	1.9	0.3	0.3	14.4	<0.01	0.02	0.3
FGL031 05+75E		1.43	15.2	400	10.0	10.5	<0.001	0.01	0.75	4.3	0.3	0.6	16.5	<0.01	0.03	2.1
FGL031 06+00E		1.45	15.8	460	9.5	10.9	<0.001	0.01	1.09	4.5	0.3	0.5	15.4	<0.01	0.01	2.0
FGL031 06+25E		1.15	19.8	580	8.7	11.9	<0.001	0.01	0.79	5.1	0.3	0.5	20.7	<0.01	0.03	1.7
FGL031 06+50E		1.19	13.8	420	8.2	12.5	<0.001	0.01	0.77	3.6	0.5	0.5	14.5	<0.01	0.02	0.8
FGL031 06+75E		1.41	19.5	580	13.2	12.5	<0.001	0.01	1.02	4.6	0.5	0.5	17.8	<0.01	0.04	2.2
FGL031 07+00E		0.34	7.6	420	4.8	7.1	<0.001	0.03	0.46	1.3	0.2	0.3	12.6	<0.01	0.02	<0.2
FGL031 07+25E		0.23	5.4	370	3.3	4.8	<0.001	0.02	0.37	1.2	0.3	<0.2	10.9	<0.01	<0.01	<0.2
FGL031 07+50E		0.28	6.5	480	4.3	4.8	<0.001	0.03	0.41	1.6	0.5	0.2	14.4	<0.01	0.01	<0.2
FGL031 07+75E		0.48	12.7	710	5.0	7.9	<0.001	0.05	0.54	3.6	0.8	0.3	27.6	<0.01	0.01	0.2
FGL031 08+00E		0.80	15.2	600	10.2	9.3	<0.001	0.02	1.09	5.2	0.7	0.4	22.2	<0.01	0.03	1.5
FGL031 08+25E		1.04	15.8	580	16.1	8.1	<0.001	0.01	1.37	4.0	0.6	0.4	17.5	<0.01	0.01	1.9

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

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 17- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13157931

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
FGL016 01+00E		0.048	0.13	0.65	55	0.12	10.40	69	0.9
FGL016 01+25E		0.026	0.04	0.35	19	<0.05	6.17	24	0.7
FGL016 01+50E		0.036	0.08	0.57	39	0.10	9.40	50	1.0
FGL016 01+75E		0.028	0.05	0.32	20	<0.05	3.14	18	0.5
FGL016 02+00E		0.074	0.13	0.49	59	0.15	5.10	70	0.8
FGL016 02+25E		0.028	0.05	0.30	18	0.05	4.30	17	<0.5
FGL031 00+00		0.076	0.14	0.72	58	0.17	6.42	56	0.5
FGL031 00+25E		0.028	0.03	0.11	23	<0.05	0.95	10	<0.5
FGL031 00+50E		0.028	0.04	0.21	28	0.05	1.76	14	<0.5
FGL031 00+75E		0.101	0.15	0.61	69	0.16	3.94	64	1.5
FGL031 01+00E		0.052	0.08	0.35	46	0.11	2.33	34	<0.5
FGL031 01+25E		0.070	0.09	0.37	54	0.22	3.40	48	<0.5
FGL031 01+50E		0.102	0.14	0.49	69	0.18	3.64	50	1.3
FGL031 01+75E		0.094	0.12	0.47	71	0.21	2.98	47	0.6
FGL031 02+00E		0.091	0.13	0.57	70	0.19	3.78	53	1.4
FGL031 02+25E		0.045	0.05	0.26	34	0.08	1.60	20	<0.5
FGL031 02+50E		0.076	0.10	0.41	57	0.20	2.93	43	<0.5
FGL031 02+75E		0.073	0.12	0.43	58	0.21	3.24	45	0.8
FGL031 03+00E		0.051	0.12	0.39	42	0.14	3.34	31	<0.5
FGL031 03+25E		0.030	0.04	0.22	27	0.06	1.86	16	<0.5
FGL031 03+50E		0.081	0.11	0.39	60	0.19	3.74	43	0.8
FGL031 03+75E		0.065	0.13	0.77	59	0.24	7.59	43	0.5
FGL031 04+00E		0.034	0.02	0.12	25	<0.05	0.93	10	<0.5
FGL031 04+25E		0.061	0.15	0.47	62	0.14	4.12	58	1.0
FGL031 04+50E		0.042	0.07	0.22	39	0.10	1.47	26	<0.5
FGL031 04+75E		0.057	0.13	0.46	50	0.18	4.02	52	<0.5
FGL031 05+00E		0.091	0.22	0.53	74	0.14	6.07	124	1.1
FGL031 05+25E		0.069	0.11	0.42	51	0.14	4.93	55	0.5
FGL031 05+50E		0.047	0.08	0.36	38	0.12	3.21	37	<0.5
FGL031 05+75E		0.083	0.15	0.50	65	0.16	3.66	63	0.9
FGL031 06+00E		0.071	0.15	0.47	70	0.48	4.00	72	0.8
FGL031 06+25E		0.065	0.16	0.65	67	0.15	7.36	72	0.6
FGL031 06+50E		0.080	0.13	0.42	63	0.14	3.45	61	0.5
FGL031 06+75E		0.069	0.17	0.52	74	0.17	4.51	95	1.0
FGL031 07+00E		0.036	0.09	0.40	33	0.10	3.17	33	<0.5
FGL031 07+25E		0.032	0.06	0.35	28	0.07	4.20	29	<0.5
FGL031 07+50E		0.040	0.07	0.39	39	0.08	3.02	31	<0.5
FGL031 07+75E		0.038	0.10	0.96	46	0.12	11.70	46	<0.5
FGL031 08+00E		0.047	0.13	0.72	56	0.12	7.29	73	0.5
FGL031 08+25E		0.064	0.13	0.54	64	0.14	5.42	88	0.5

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

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 17- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13157931

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- TL44 Au ppm 0.001	ME- MS41 Ag ppm 0.01	ME- MS41 Al % 0.01	ME- MS41 As ppm 0.1	ME- MS41 Au ppm 0.2	ME- MS41 B ppm 10	ME- MS41 Ba ppm 10	ME- MS41 Be ppm 0.05	ME- MS41 Bi ppm 0.01	ME- MS41 Ca % 0.01	ME- MS41 Cd ppm 0.01	ME- MS41 Ce ppm 0.02	ME- MS41 Co ppm 0.1	ME- MS41 Cr ppm 1
FGL031 08+50E		0.62	0.004	0.26	1.36	36.1	<0.2	<10	230	0.30	0.08	0.31	0.18	22.1	6.6	25
FGL031 08+75E		0.64	0.003	0.20	1.63	28.0	<0.2	<10	320	0.36	0.10	0.56	0.31	26.7	8.2	32
FGL031 09+00E		0.69	0.007	0.28	3.04	60.6	<0.2	<10	550	0.66	0.18	0.47	0.46	29.6	12.3	43
FGL031 09+25E		0.53	0.001	0.09	0.61	7.9	<0.2	<10	100	0.13	0.07	0.12	0.12	9.19	2.9	11
FGL031 09+50E		0.47	0.001	0.12	1.07	9.2	<0.2	<10	190	0.20	0.09	0.18	0.09	13.55	5.8	16
FGL031 09+75E		0.42	0.001	0.07	0.67	4.6	<0.2	<10	120	0.15	0.08	0.17	0.11	9.21	4.9	12
FGL031 10+00E		0.39	0.001	0.08	0.73	3.8	<0.2	<10	150	0.13	0.05	0.19	0.05	6.47	2.8	9
FGL031 10+25E		0.63	0.002	0.14	2.06	16.8	<0.2	<10	500	0.47	0.11	0.82	0.10	23.7	7.4	29
FGL031 10+50E		0.61	0.001	0.07	0.61	6.9	<0.2	<10	160	0.14	0.04	0.44	0.04	7.37	2.8	8
FGL031 10+75E		0.58	0.010	0.03	1.98	55.1	<0.2	<10	360	0.38	0.06	0.49	0.11	34.9	9.8	24
FGL031 11+00E		0.55	0.038	0.17	1.91	145.0	<0.2	<10	560	0.53	0.10	0.38	0.43	34.6	9.1	28
FGL030 00+00		0.60	0.009	0.15	2.11	51.5	<0.2	<10	170	0.43	0.12	0.18	0.13	22.6	7.9	32
FGL030 00+25E		0.49	0.002	0.09	1.45	16.0	<0.2	<10	150	0.26	0.09	0.27	0.10	15.40	5.5	24
FGL030 00+50E		0.66	0.003	0.24	1.78	21.6	<0.2	<10	230	0.36	0.10	0.31	0.12	22.2	8.4	29
FGL030 00+75E		0.53	0.014	0.10	1.71	23.6	<0.2	<10	160	0.36	0.13	0.18	0.11	22.9	8.7	32
FGL030 01+00E		0.57	0.002	0.23	1.43	17.8	<0.2	<10	150	0.27	0.13	0.19	0.11	20.3	5.7	23
FGL030 01+25E		0.41	0.007	0.34	1.11	29.8	<0.2	<10	150	0.26	0.09	0.15	0.09	22.7	4.2	17
FGL030 01+50E		0.42	0.001	0.18	0.49	2.9	<0.2	<10	70	0.14	0.04	0.08	0.07	5.45	2.3	6
FGL030 01+75E		0.43	0.001	0.36	0.71	3.7	<0.2	<10	90	0.15	0.05	0.17	0.05	6.55	3.0	8
FGL030 02+00E		0.61	0.002	0.30	1.24	8.6	<0.2	<10	170	0.32	0.09	0.27	0.10	16.85	5.5	18
FGL030 02+25E		0.40	0.001	0.13	1.04	5.9	<0.2	<10	210	0.24	0.06	0.13	0.05	13.05	3.9	14
FGL030 02+50E		0.47	0.002	0.14	0.93	7.1	<0.2	<10	90	0.22	0.07	0.12	0.08	9.58	4.6	13
FGL030 02+75E		0.60	0.003	0.40	1.66	15.2	<0.2	<10	210	0.37	0.14	0.18	0.16	21.1	6.0	24
FGL030 03+00E		0.43	0.002	0.23	1.49	13.2	<0.2	<10	150	0.30	0.15	0.13	0.13	18.05	5.2	23
FGL030 03+25E		0.51	0.002	0.33	2.13	11.1	<0.2	<10	180	0.40	0.15	0.19	0.14	20.3	6.4	32
FGL030 03+50E		0.42	0.003	0.15	2.04	15.9	<0.2	<10	140	0.36	0.12	0.20	0.16	20.0	8.3	35
FGL030 03+75E		0.42	0.003	0.16	1.98	15.8	<0.2	<10	130	0.47	0.12	0.20	0.19	19.05	10.5	26
FGL030 04+00E		0.45	0.002	0.09	1.35	8.0	<0.2	<10	130	0.31	0.13	0.17	0.10	15.60	4.0	19
FGL030 04+25E		0.34	0.001	0.09	0.90	6.1	<0.2	<10	90	0.19	0.08	0.12	0.08	11.35	3.9	13
FGL030 04+50E		0.52	0.002	0.20	1.18	8.6	<0.2	<10	150	0.24	0.11	0.23	0.05	17.50	4.1	19
FGL030 04+75E		0.43	0.001	0.09	1.64	11.1	<0.2	<10	180	0.34	0.10	0.26	0.09	23.6	7.9	25
FGL030 05+00E		0.35	0.001	0.07	0.85	6.3	<0.2	<10	90	0.17	0.06	0.19	0.07	12.35	4.8	14
FGL030 05+25E		0.52	0.001	0.06	1.19	9.2	<0.2	<10	110	0.18	0.12	0.20	0.10	15.55	5.5	23
FGL030 05+50E		0.46	0.001	0.18	1.86	11.9	<0.2	<10	210	0.49	0.13	0.25	0.09	22.9	8.2	29
FGL030 05+75E		0.53	0.002	0.13	1.31	8.3	<0.2	<10	170	0.37	0.09	0.34	0.07	21.4	6.4	21
FGL030 06+00E		0.44	0.001	0.14	0.91	6.7	<0.2	<10	120	0.13	0.11	0.16	0.05	14.00	2.7	15
FGL030 06+25E		0.63	0.002	0.42	1.79	13.3	<0.2	<10	140	0.32	0.12	0.17	0.12	20.2	6.2	24
FGL030 06+50E		0.53	0.006	0.42	1.34	55.6	<0.2	<10	120	0.29	0.11	0.16	0.30	15.60	7.3	20
FGL030 06+75E		0.46	0.006	0.66	1.71	26.6	<0.2	<10	200	0.52	0.13	0.18	0.71	22.6	11.6	25
FGL030 07+00E		0.40	0.001	0.11	1.47	17.7	<0.2	<10	140	0.23	0.10	0.24	0.17	16.60	6.4	22

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

ALS Canada Ltd.
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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 17- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13157931

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
FGL031 08+50E		2.76	18.8	2.31	4.84	<0.05	<0.02	0.06	0.016	0.06	11.6	8.9	0.41	376	1.09	0.02
FGL031 08+75E		2.64	26.4	2.55	6.32	<0.05	<0.02	0.07	0.022	0.06	14.6	10.0	0.48	410	1.36	0.02
FGL031 09+00E		4.54	46.8	4.29	9.19	<0.05	0.02	0.08	0.041	0.11	16.9	17.9	0.58	640	1.95	0.02
FGL031 09+25E		0.91	9.9	1.11	3.48	<0.05	<0.02	0.02	0.008	0.05	4.6	3.2	0.16	161	0.51	0.02
FGL031 09+50E		1.13	10.1	1.71	4.98	<0.05	<0.02	0.02	0.012	0.05	6.3	6.6	0.26	314	0.55	0.03
FGL031 09+75E		0.74	8.3	1.70	4.50	<0.05	<0.02	0.02	0.009	0.04	4.6	4.0	0.17	286	0.40	0.02
FGL031 10+00E		0.95	7.7	1.18	3.04	<0.05	<0.02	0.02	0.007	0.04	3.2	2.9	0.11	105	0.26	0.04
FGL031 10+25E		3.68	18.7	2.78	6.81	<0.05	0.02	0.06	0.025	0.08	13.9	12.0	0.58	357	0.62	0.02
FGL031 10+50E		1.28	6.9	1.07	2.48	<0.05	<0.02	0.03	0.007	0.04	3.8	2.7	0.14	117	0.21	0.04
FGL031 10+75E		4.88	10.7	3.46	6.82	<0.05	0.03	0.05	0.022	0.14	16.9	14.2	1.06	528	0.50	0.02
FGL031 11+00E		5.90	24.7	2.88	5.95	<0.05	<0.02	0.31	0.023	0.09	20.1	11.4	0.52	580	0.85	0.02
FGL030 00+00		2.33	18.7	2.90	5.78	<0.05	0.03	0.08	0.026	0.10	12.0	14.3	0.54	296	0.75	0.01
FGL030 00+25E		1.84	15.2	2.26	5.04	<0.05	<0.02	0.02	0.015	0.09	7.4	9.0	0.43	202	0.73	0.02
FGL030 00+50E		2.62	20.0	2.55	5.59	<0.05	<0.02	0.03	0.021	0.10	9.8	11.9	0.51	401	0.78	0.01
FGL030 00+75E		2.62	16.1	2.89	6.59	<0.05	0.02	0.01	0.021	0.10	10.1	14.1	0.55	443	0.96	0.01
FGL030 01+00E		1.77	12.4	2.23	6.22	<0.05	<0.02	0.01	0.019	0.07	9.6	10.2	0.43	231	0.66	0.01
FGL030 01+25E		2.27	16.4	1.53	4.65	<0.05	<0.02	0.03	0.014	0.06	9.6	6.2	0.25	206	0.64	0.02
FGL030 01+50E		1.17	9.1	0.74	1.96	<0.05	<0.02	0.01	<0.005	0.04	3.1	1.8	0.07	115	0.23	0.03
FGL030 01+75E		1.41	10.2	0.81	2.48	<0.05	<0.02	0.03	0.007	0.05	3.1	2.7	0.11	224	0.35	0.03
FGL030 02+00E		2.65	18.1	1.83	4.76	<0.05	<0.02	0.02	0.016	0.07	8.4	7.2	0.32	334	0.75	0.02
FGL030 02+25E		1.72	13.2	1.42	3.36	<0.05	<0.02	0.02	0.010	0.06	5.7	4.8	0.19	250	0.41	0.03
FGL030 02+50E		1.20	11.0	1.43	3.61	<0.05	<0.02	0.02	0.011	0.05	4.6	6.5	0.20	211	0.54	0.02
FGL030 02+75E		1.92	13.9	2.40	6.86	<0.05	0.02	0.03	0.019	0.06	10.8	12.2	0.34	312	1.04	0.01
FGL030 03+00E		1.76	16.7	2.15	6.58	<0.05	<0.02	0.02	0.016	0.07	8.3	10.7	0.34	182	1.22	0.01
FGL030 03+25E		1.45	15.3	2.72	6.94	<0.05	0.03	0.02	0.021	0.07	9.5	13.1	0.40	213	0.90	0.01
FGL030 03+50E		2.47	20.8	3.13	6.45	<0.05	0.03	0.03	0.022	0.08	8.4	18.3	0.56	314	0.89	0.01
FGL030 03+75E		1.64	22.9	2.59	5.39	<0.05	0.02	0.04	0.022	0.06	8.4	15.8	0.37	407	0.84	0.01
FGL030 04+00E		1.43	17.0	1.91	5.73	<0.05	<0.02	0.01	0.015	0.04	7.2	8.3	0.24	126	0.85	0.01
FGL030 04+25E		1.17	9.6	1.43	4.26	<0.05	<0.02	0.01	0.011	0.05	6.1	6.4	0.19	185	0.48	0.02
FGL030 04+50E		1.09	11.4	1.94	4.95	<0.05	<0.02	0.01	0.016	0.05	8.8	9.1	0.30	155	0.75	0.02
FGL030 04+75E		2.74	19.9	2.31	5.08	<0.05	0.03	0.01	0.021	0.08	10.1	11.2	0.47	326	0.79	0.01
FGL030 05+00E		1.13	9.8	1.62	3.57	<0.05	<0.02	0.01	0.012	0.05	5.5	6.4	0.23	229	0.40	0.03
FGL030 05+25E		1.35	10.6	2.24	5.75	<0.05	<0.02	0.01	0.017	0.06	7.2	9.4	0.41	240	0.80	0.02
FGL030 05+50E		2.25	18.0	2.65	6.50	<0.05	0.02	0.03	0.023	0.07	12.3	13.2	0.44	348	0.83	0.01
FGL030 05+75E		1.79	17.1	1.83	4.31	<0.05	<0.02	0.04	0.016	0.05	10.0	8.4	0.36	295	0.59	0.02
FGL030 06+00E		1.14	8.5	1.28	5.00	<0.05	<0.02	0.01	0.012	0.04	6.5	4.7	0.23	130	0.60	0.01
FGL030 06+25E		2.05	14.5	2.19	6.08	<0.05	0.03	0.02	0.022	0.06	8.7	11.2	0.40	246	0.70	0.01
FGL030 06+50E		3.21	20.0	2.04	5.22	<0.05	<0.02	0.04	0.017	0.05	6.7	7.7	0.23	688	1.08	0.02
FGL030 06+75E		4.27	34.2	2.44	5.92	<0.05	<0.02	0.07	0.023	0.06	11.5	9.2	0.26	1010	2.56	0.01
FGL030 07+00E		1.94	15.5	2.27	5.13	<0.05	<0.02	0.02	0.019	0.05	7.0	10.5	0.30	287	0.90	0.02

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

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 17- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13157931

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
FGL031 08+50E		0.73	14.3	760	6.3	8.3	<0.001	0.03	0.84	3.4	0.7	0.3	23.2	<0.01	0.03	0.8
FGL031 08+75E		1.02	17.9	480	9.7	9.9	<0.001	0.02	0.87	3.9	0.6	0.5	35.1	<0.01	0.02	1.1
FGL031 09+00E		1.23	25.5	750	19.2	12.7	<0.001	0.02	0.87	5.9	0.6	0.6	40.5	<0.01	0.04	1.9
FGL031 09+25E		0.45	5.4	260	4.3	10.8	<0.001	0.01	0.30	0.9	0.3	0.3	11.5	<0.01	0.01	<0.2
FGL031 09+50E		0.77	8.3	280	4.9	10.2	<0.001	0.01	0.28	2.1	0.2	0.4	16.2	<0.01	0.02	0.5
FGL031 09+75E		0.61	5.9	270	3.7	9.6	<0.001	0.01	0.20	1.2	<0.2	0.3	13.6	<0.01	0.01	0.3
FGL031 10+00E		0.39	4.9	490	2.1	4.8	<0.001	0.02	0.15	1.2	0.2	0.2	13.6	<0.01	0.02	0.2
FGL031 10+25E		0.97	15.0	740	7.2	11.6	<0.001	0.04	0.57	5.0	0.4	0.5	63.4	<0.01	0.01	1.1
FGL031 10+50E		0.36	4.2	480	2.0	4.3	<0.001	0.03	0.19	1.2	<0.2	0.2	34.7	<0.01	<0.01	0.2
FGL031 10+75E		1.84	13.3	760	6.5	16.5	<0.001	0.02	0.90	6.2	0.4	0.8	33.7	<0.01	0.02	4.7
FGL031 11+00E		0.83	15.8	750	15.4	12.1	<0.001	0.03	1.51	5.3	0.7	0.5	34.3	<0.01	0.02	1.6
FGL030 00+00		1.41	17.9	500	8.3	12.2	<0.001	0.02	1.86	4.6	0.6	0.5	13.8	<0.01	0.01	3.0
FGL030 00+25E		0.78	12.3	510	5.7	10.2	<0.001	0.02	1.02	2.7	0.4	0.4	18.3	<0.01	0.02	0.4
FGL030 00+50E		0.94	15.5	590	7.7	13.0	<0.001	0.02	1.18	3.9	0.5	0.4	20.1	<0.01	0.03	1.2
FGL030 00+75E		1.38	14.9	390	7.5	15.7	<0.001	0.01	1.30	4.3	0.3	0.5	14.5	<0.01	0.03	2.2
FGL030 01+00E		1.27	11.0	360	7.5	12.7	<0.001	0.01	1.11	3.2	0.3	0.6	13.3	<0.01	0.01	1.5
FGL030 01+25E		0.77	7.8	340	6.7	12.5	<0.001	0.01	0.75	2.6	0.4	0.4	12.2	<0.01	0.02	0.4
FGL030 01+50E		0.09	3.0	270	1.5	4.9	<0.001	0.01	0.20	0.4	0.3	<0.2	8.2	<0.01	0.02	<0.2
FGL030 01+75E		0.16	3.8	420	2.1	6.2	<0.001	0.03	0.30	0.5	<0.2	0.2	12.7	<0.01	0.03	<0.2
FGL030 02+00E		0.69	8.1	400	5.1	13.9	<0.001	0.02	0.53	2.6	0.7	0.4	16.9	<0.01	0.02	0.4
FGL030 02+25E		0.34	6.2	300	3.9	9.5	<0.001	0.02	0.39	1.6	0.5	0.2	14.1	<0.01	0.03	<0.2
FGL030 02+50E		0.71	7.0	370	4.3	9.2	<0.001	0.01	0.41	1.5	0.2	0.3	11.1	<0.01	0.02	0.5
FGL030 02+75E		1.55	11.0	340	8.4	16.5	<0.001	0.01	0.86	2.8	0.4	0.6	17.2	<0.01	0.02	2.0
FGL030 03+00E		1.51	10.8	270	8.6	12.3	<0.001	0.01	0.66	2.5	0.4	0.6	12.7	<0.01	0.03	1.3
FGL030 03+25E		1.83	12.8	410	7.9	10.9	<0.001	0.01	0.52	3.4	0.6	0.7	17.2	0.01	0.03	2.4
FGL030 03+50E		1.56	17.6	400	7.5	10.7	<0.001	0.01	0.87	3.6	0.3	0.5	15.9	<0.01	0.03	2.5
FGL030 03+75E		1.46	15.0	650	7.8	9.6	<0.001	0.02	1.12	2.5	0.5	0.5	20.0	0.01	0.04	1.5
FGL030 04+00E		1.06	8.0	400	6.4	9.5	<0.001	0.01	0.42	1.8	0.3	0.5	16.8	<0.01	0.02	0.5
FGL030 04+25E		0.75	6.2	430	3.7	10.1	<0.001	0.01	0.42	1.4	<0.2	0.3	11.1	<0.01	0.03	0.3
FGL030 04+50E		1.04	9.0	290	5.3	8.2	<0.001	0.01	0.41	2.0	0.5	0.4	14.2	<0.01	0.04	0.8
FGL030 04+75E		1.21	15.4	500	6.9	13.2	<0.001	0.01	0.94	3.5	0.2	0.5	17.7	<0.01	0.02	2.8
FGL030 05+00E		0.66	7.6	590	3.7	8.9	<0.001	0.01	0.53	1.5	0.2	0.3	14.1	<0.01	0.03	0.6
FGL030 05+25E		1.12	10.7	410	5.0	15.3	<0.001	0.01	0.44	2.4	0.3	0.5	14.0	<0.01	0.05	1.1
FGL030 05+50E		1.30	14.5	440	8.0	11.4	<0.001	0.01	0.51	3.6	0.7	0.5	17.7	<0.01	0.04	1.6
FGL030 05+75E		0.74	11.2	660	4.7	6.7	<0.001	0.03	0.47	2.6	0.6	0.4	22.2	<0.01	0.02	0.6
FGL030 06+00E		0.95	6.0	190	5.5	7.7	<0.001	0.01	0.42	1.6	0.2	0.5	12.2	<0.01	0.03	0.5
FGL030 06+25E		1.35	12.6	290	9.4	10.1	<0.001	0.01	0.75	3.4	0.5	0.6	13.2	<0.01	0.02	2.1
FGL030 06+50E		0.34	9.5	530	14.2	9.0	<0.001	0.02	1.32	0.9	0.5	0.4	14.4	<0.01	0.03	<0.2
FGL030 06+75E		0.81	13.8	570	15.8	12.7	<0.001	0.02	1.40	2.7	0.7	0.5	17.4	<0.01	0.04	0.5
FGL030 07+00E		1.14	12.9	380	6.1	9.3	<0.001	0.02	0.76	2.3	0.4	0.4	22.4	<0.01	0.03	1.4

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

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 17- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13157931

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
FGL031 08+50E		0.057	0.12	0.64	54	0.14	5.84	64	<0.5
FGL031 08+75E		0.058	0.12	0.69	61	0.15	7.17	71	<0.5
FGL031 09+00E		0.036	0.19	1.06	86	0.22	8.76	109	0.7
FGL031 09+25E		0.042	0.05	0.27	33	0.08	1.88	28	<0.5
FGL031 09+50E		0.054	0.08	0.32	48	0.10	2.87	37	<0.5
FGL031 09+75E		0.076	0.05	0.22	58	0.09	1.78	37	<0.5
FGL031 10+00E		0.044	0.04	0.21	34	0.06	1.79	22	<0.5
FGL031 10+25E		0.048	0.15	0.54	61	0.19	7.65	64	0.6
FGL031 10+50E		0.037	0.06	0.26	29	0.05	2.24	19	<0.5
FGL031 10+75E		0.126	0.21	0.44	61	0.29	7.91	83	1.2
FGL031 11+00E		0.035	0.31	0.86	55	0.19	9.95	97	<0.5
FGL030 00+00		0.073	0.26	0.61	60	0.62	4.88	62	1.0
FGL030 00+25E		0.068	0.10	0.43	55	0.11	3.43	49	<0.5
FGL030 00+50E		0.071	0.14	0.51	58	0.15	5.11	60	<0.5
FGL030 00+75E		0.078	0.13	0.44	70	0.16	3.98	67	0.7
FGL030 01+00E		0.077	0.12	0.42	56	0.15	3.35	44	<0.5
FGL030 01+25E		0.049	0.10	0.61	41	0.15	4.90	36	<0.5
FGL030 01+50E		0.021	0.04	0.28	21	<0.05	1.58	16	<0.5
FGL030 01+75E		0.022	0.07	0.30	21	0.07	1.90	19	<0.5
FGL030 02+00E		0.059	0.10	0.47	48	0.13	4.35	37	<0.5
FGL030 02+25E		0.045	0.07	0.35	37	0.08	3.54	26	<0.5
FGL030 02+50E		0.052	0.06	0.25	37	0.11	1.82	26	<0.5
FGL030 02+75E		0.070	0.11	0.40	64	0.16	3.22	47	0.7
FGL030 03+00E		0.074	0.11	0.40	59	0.18	2.69	40	0.6
FGL030 03+25E		0.097	0.11	0.49	69	0.20	3.24	45	1.3
FGL030 03+50E		0.085	0.10	0.45	72	0.20	3.03	56	1.0
FGL030 03+75E		0.073	0.09	0.43	58	0.26	3.12	45	0.7
FGL030 04+00E		0.064	0.10	0.38	52	0.16	2.25	30	<0.5
FGL030 04+25E		0.055	0.06	0.28	38	0.14	2.51	24	<0.5
FGL030 04+50E		0.064	0.07	0.35	49	0.15	3.66	30	<0.5
FGL030 04+75E		0.079	0.10	0.46	55	0.19	4.42	47	1.3
FGL030 05+00E		0.061	0.06	0.25	44	0.15	2.24	30	<0.5
FGL030 05+25E		0.090	0.08	0.31	63	0.18	2.37	46	0.5
FGL030 05+50E		0.077	0.11	0.58	65	0.23	5.90	57	0.6
FGL030 05+75E		0.059	0.09	0.64	44	0.16	5.06	40	<0.5
FGL030 06+00E		0.060	0.08	0.28	42	0.11	1.83	24	<0.5
FGL030 06+25E		0.069	0.12	0.43	55	0.14	3.11	50	0.9
FGL030 06+50E		0.032	0.16	0.39	53	0.14	2.65	61	<0.5
FGL030 06+75E		0.041	0.16	0.90	59	0.17	6.30	89	<0.5
FGL030 07+00E		0.058	0.08	0.33	54	0.19	2.44	43	<0.5

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

ALS Canada Ltd.
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 17- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13157931

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- TL44 Au ppm 0.001	ME- MS41 Ag ppm 0.01	ME- MS41 Al % 0.01	ME- MS41 As ppm 0.1	ME- MS41 Au ppm 0.2	ME- MS41 B ppm 10	ME- MS41 Ba ppm 10	ME- MS41 Be ppm 0.05	ME- MS41 Bi ppm 0.01	ME- MS41 Ca % 0.01	ME- MS41 Cd ppm 0.01	ME- MS41 Ce ppm 0.02	ME- MS41 Co ppm 0.1	ME- MS41 Cr ppm 1
FGL030 07+25E		0.51	0.001	0.07	1.60	26.3	<0.2	<10	130	0.31	0.11	0.21	0.13	18.30	6.5	23
FGL030 07+50E		0.55	0.002	0.29	2.12	22.4	<0.2	<10	210	0.44	0.16	0.14	0.37	19.20	6.6	28
FGL030 07+75E		0.35	0.001	0.07	2.00	26.7	<0.2	<10	120	0.39	0.09	0.22	0.25	18.55	9.5	26
FGL030 08+00E		0.29	<0.001	0.08	0.65	4.9	<0.2	<10	50	0.11	0.05	0.08	0.13	6.68	2.5	6
FGL030 08+25E		0.44	0.004	0.11	2.22	16.6	<0.2	<10	200	0.52	0.12	0.22	0.11	24.8	10.5	32
FGL030 08+50E		0.52	0.002	0.04	1.47	12.2	<0.2	<10	140	0.29	0.10	0.25	0.11	19.85	7.8	22
FGL030 08+75E		0.48	0.002	0.06	1.16	11.4	<0.2	<10	220	0.31	0.08	0.27	0.11	21.2	6.0	19
FGL030 09+00E		0.38	0.001	0.09	1.12	7.6	<0.2	<10	200	0.24	0.09	0.32	0.10	15.30	6.0	15
FGL030 09+25E		0.50	0.001	0.04	0.45	2.7	<0.2	<10	100	0.11	0.04	0.25	0.05	10.40	4.2	7
FGL030 09+50E		0.49	0.001	0.11	1.08	9.1	<0.2	<10	430	0.45	0.07	0.59	0.21	24.9	6.4	17
FGL030 09+75E		0.52	0.002	0.08	1.03	7.3	<0.2	<10	290	0.25	0.08	0.47	0.11	15.15	6.8	17
FGL030 10+00E		0.62	0.002	0.08	1.77	12.6	<0.2	<10	320	0.42	0.11	0.50	0.11	24.9	7.9	30
FGL030 10+25E		0.58	<0.001	0.03	0.36	0.9	<0.2	<10	110	0.09	0.02	0.33	0.05	4.43	1.6	4
FGL030 10+50E		0.46	0.002	0.14	1.53	9.6	<0.2	<10	400	0.55	0.08	0.52	0.17	19.50	4.9	17
FGL030 10+75E		0.60	0.004	0.05	1.07	20.5	<0.2	<10	220	0.20	0.06	0.39	0.07	12.10	4.8	17
FGL030 11+00E		0.51	0.017	0.11	1.25	63.2	<0.2	<10	470	0.49	0.07	0.42	0.06	25.1	7.9	22
FGL030 11+25E		0.57	0.012	0.12	1.54	44.4	<0.2	<10	710	0.65	0.08	0.55	0.11	29.4	9.2	21
FGL026 00+00		0.45	0.003	0.12	1.93	20.0	<0.2	<10	150	0.40	0.11	0.19	0.12	22.3	8.2	28
FGL026 00+25E		0.74	0.004	0.18	2.08	25.7	<0.2	<10	190	0.36	0.15	0.21	0.12	18.80	7.6	34
FGL026 00+50E		0.43	0.001	0.09	1.26	13.1	<0.2	<10	100	0.20	0.12	0.14	0.09	14.15	4.1	20
FGL026 00+75E		0.57	0.002	0.16	1.41	27.1	<0.2	<10	140	0.32	0.11	0.19	0.15	18.15	6.4	24
FGL026 01+00E		0.51	0.003	0.21	2.04	17.9	<0.2	<10	160	0.41	0.11	0.25	0.11	24.0	8.5	31
FGL026 01+25E		0.72	0.004	0.68	2.12	64.6	<0.2	<10	190	0.37	0.13	0.19	0.18	18.90	7.8	33
FGL026 01+50E		0.55	0.004	0.60	1.89	58.0	<0.2	<10	170	0.28	0.13	0.17	0.16	17.55	5.8	29
FGL026 01+75E		0.43	0.002	0.31	1.50	35.3	<0.2	<10	150	0.39	0.09	0.18	0.36	18.10	6.6	24
FGL026 02+00E		0.63	0.005	0.48	1.17	25.6	<0.2	<10	120	0.22	0.08	0.17	0.24	13.60	5.6	20
FGL026 02+25E		0.52	0.002	0.26	1.37	38.5	<0.2	<10	180	0.29	0.10	0.20	0.28	21.1	8.2	25
FGL026 02+50E		0.48	0.003	0.26	0.97	22.0	<0.2	<10	150	0.20	0.07	0.15	0.20	15.25	4.3	15
FGL026 02+75E		0.58	0.003	0.26	1.50	32.3	<0.2	<10	170	0.33	0.09	0.22	0.22	24.9	7.1	25
FGL026 03+00E		0.45	0.002	0.09	1.65	51.9	<0.2	<10	120	0.35	0.08	0.22	0.20	28.1	11.5	33
FGL026 03+25E		0.48	0.004	0.23	1.65	47.0	<0.2	<10	140	0.30	0.11	0.19	0.21	19.35	6.7	29
FGL026 03+50E		0.57	0.006	0.07	1.69	86.5	<0.2	<10	160	0.31	0.10	0.18	0.22	19.75	7.9	30
FGL026 03+75E		0.82	0.005	0.20	1.59	113.0	<0.2	<10	190	0.33	0.10	0.18	0.25	22.9	7.2	25
FGL026 04+00E		0.52	0.003	0.31	0.92	30.6	<0.2	<10	130	0.18	0.07	0.13	0.07	11.90	2.4	12
FGL026 04+25E		0.47	0.001	0.05	0.39	7.3	<0.2	<10	60	0.10	0.04	0.09	0.06	6.10	2.8	6
FGL026 04+50E		0.44	0.002	0.18	0.98	18.3	<0.2	<10	150	0.19	0.08	0.16	0.18	10.85	3.7	14
FGL026 04+75E		0.68	0.003	0.06	1.87	32.7	<0.2	<10	180	0.40	0.09	0.20	0.18	19.00	7.8	27
FGL026 05+00E		0.44	0.006	0.18	0.90	12.1	<0.2	<10	140	0.22	0.07	0.25	0.19	14.95	4.4	13
FGL026 05+25E		0.40	0.004	0.21	0.93	20.6	<0.2	<10	140	0.21	0.09	0.16	0.21	14.20	4.7	16
FGL026 05+50E		0.61	0.005	0.13	1.85	57.0	<0.2	<10	220	0.36	0.10	0.27	0.24	20.6	8.4	30

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

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 17- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13157931

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
FGL030 07+25E		1.56	16.8	2.23	5.64	<0.05	0.02	0.02	0.017	0.05	8.4	9.4	0.33	222	0.85	0.01
FGL030 07+50E		4.16	17.3	2.92	7.19	<0.05	0.03	0.02	0.023	0.06	8.6	14.1	0.37	187	1.09	0.01
FGL030 07+75E		5.05	20.2	3.57	8.53	0.05	0.03	0.04	0.031	0.07	8.3	19.5	0.51	313	1.40	0.01
FGL030 08+00E		0.92	7.9	1.10	3.08	<0.05	<0.02	0.03	0.007	0.03	3.3	3.0	0.08	84	0.48	0.03
FGL030 08+25E		1.68	19.5	2.62	5.50	<0.05	0.05	0.03	0.028	0.07	10.2	13.5	0.50	334	0.82	0.01
FGL030 08+50E		1.85	20.8	2.36	5.29	<0.05	<0.02	0.01	0.017	0.06	8.8	11.1	0.41	386	0.77	0.02
FGL030 08+75E		1.78	17.0	1.99	3.92	<0.05	<0.02	0.02	0.015	0.05	8.8	8.5	0.34	272	0.54	0.01
FGL030 09+00E		1.64	15.4	1.83	4.69	<0.05	<0.02	0.02	0.012	0.04	6.8	6.7	0.22	272	0.55	0.02
FGL030 09+25E		0.51	8.7	1.19	2.13	<0.05	<0.02	0.02	0.006	0.03	5.0	2.3	0.13	294	0.30	0.03
FGL030 09+50E		0.96	20.8	1.75	3.67	<0.05	0.04	0.05	0.013	0.04	13.3	6.2	0.27	550	0.46	0.02
FGL030 09+75E		0.98	15.0	1.70	4.04	<0.05	0.02	0.04	0.014	0.04	6.4	7.4	0.30	861	0.56	0.02
FGL030 10+00E		1.54	18.6	2.28	5.84	<0.05	0.03	0.04	0.023	0.05	12.2	14.0	0.55	232	0.71	0.01
FGL030 10+25E		0.23	8.8	0.61	1.59	<0.05	<0.02	0.02	<0.005	0.02	2.2	0.9	0.05	87	0.21	0.03
FGL030 10+50E		1.72	31.4	1.63	4.75	<0.05	<0.02	0.04	0.016	0.06	8.9	6.7	0.23	332	0.73	0.03
FGL030 10+75E		1.74	9.8	1.57	3.62	<0.05	<0.02	0.05	0.012	0.06	5.6	7.1	0.28	241	0.59	0.02
FGL030 11+00E		2.78	15.8	2.27	3.96	<0.05	0.02	0.14	0.017	0.07	14.0	7.6	0.30	330	0.67	0.01
FGL030 11+25E		5.86	24.4	2.47	5.08	<0.05	0.04	0.19	0.018	0.07	16.4	8.9	0.30	487	0.76	0.01
FGL026 00+00		2.40	16.1	2.69	6.43	<0.05	<0.02	0.02	0.023	0.10	11.4	11.9	0.45	307	0.76	0.01
FGL026 00+25E		2.97	20.2	2.97	7.62	<0.05	<0.02	0.02	0.024	0.08	8.5	15.5	0.50	273	1.14	0.01
FGL026 00+50E		1.82	13.1	2.02	5.78	<0.05	<0.02	0.01	0.017	0.05	6.6	8.8	0.30	145	0.71	0.02
FGL026 00+75E		2.77	21.9	2.21	5.85	<0.05	<0.02	0.02	0.018	0.05	7.8	9.7	0.31	256	1.11	0.02
FGL026 01+00E		2.59	20.6	2.74	5.76	<0.05	0.04	0.02	0.023	0.10	11.2	14.3	0.56	354	0.84	0.01
FGL026 01+25E		5.46	18.6	3.30	7.46	<0.05	<0.02	0.04	0.024	0.08	8.7	14.2	0.45	481	1.89	0.01
FGL026 01+50E		4.24	17.6	2.71	6.68	<0.05	<0.02	0.05	0.023	0.07	8.0	12.3	0.38	239	1.48	0.01
FGL026 01+75E		2.53	16.0	2.38	5.03	<0.05	0.02	0.03	0.020	0.06	8.1	9.6	0.33	344	1.02	0.01
FGL026 02+00E		2.93	12.5	2.11	4.47	<0.05	<0.02	0.06	0.015	0.05	6.2	7.3	0.26	302	0.86	0.01
FGL026 02+25E		3.84	18.1	2.67	5.87	<0.05	<0.02	0.02	0.023	0.06	9.5	9.0	0.34	761	1.42	0.01
FGL026 02+50E		2.39	13.9	1.73	4.03	<0.05	<0.02	0.02	0.013	0.05	7.7	5.1	0.19	246	0.66	0.02
FGL026 02+75E		3.00	19.4	2.30	5.68	<0.05	<0.02	0.02	0.020	0.08	12.2	9.9	0.38	290	0.75	0.02
FGL026 03+00E		6.04	22.3	3.43	6.57	0.05	<0.02	0.01	0.027	0.14	12.9	12.2	0.54	723	1.55	0.01
FGL026 03+25E		4.35	14.9	2.66	6.58	<0.05	<0.02	0.03	0.023	0.07	8.7	12.4	0.41	281	1.31	0.01
FGL026 03+50E		3.99	15.3	2.79	6.20	<0.05	0.02	0.02	0.021	0.07	8.9	14.0	0.46	359	1.04	0.01
FGL026 03+75E		4.69	16.3	2.87	6.04	<0.05	<0.02	0.04	0.024	0.07	11.3	12.4	0.38	354	1.29	0.01
FGL026 04+00E		3.17	11.1	1.10	3.86	<0.05	<0.02	0.04	0.010	0.05	5.6	4.4	0.15	82	0.52	0.02
FGL026 04+25E		0.77	4.1	1.03	2.54	<0.05	<0.02	0.01	<0.005	0.03	3.0	1.6	0.05	142	0.21	0.02
FGL026 04+50E		2.88	14.9	1.48	4.38	<0.05	<0.02	0.04	0.011	0.06	5.4	4.6	0.18	177	0.58	0.02
FGL026 04+75E		2.15	15.2	2.62	5.88	<0.05	0.03	0.02	0.022	0.07	8.7	12.0	0.48	304	0.72	0.01
FGL026 05+00E		1.60	11.9	1.54	4.86	<0.05	<0.02	0.07	0.008	0.05	7.5	4.3	0.20	266	0.45	0.02
FGL026 05+25E		1.91	16.0	1.48	4.93	<0.05	<0.02	0.09	0.013	0.05	6.7	6.1	0.24	221	0.67	0.01
FGL026 05+50E		2.76	19.5	2.88	6.56	<0.05	<0.02	0.03	0.021	0.08	9.8	12.8	0.52	509	0.98	0.01

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

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 17- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13157931

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
FGL030 07+25E		1.33	13.1	310	6.8	9.4	<0.001	0.01	0.74	2.5	0.2	0.5	19.5	<0.01	0.02	2.0
FGL030 07+50E		1.79	15.8	290	16.5	9.8	<0.001	0.01	1.03	3.0	0.3	0.7	17.0	<0.01	0.03	2.5
FGL030 07+75E		1.17	13.6	480	8.2	14.3	<0.001	0.03	0.72	4.0	0.4	0.5	16.6	<0.01	0.07	2.1
FGL030 08+00E		0.49	3.2	270	2.3	4.3	<0.001	0.02	0.24	0.8	0.4	0.2	9.2	<0.01	0.03	0.2
FGL030 08+25E		1.46	20.6	280	7.3	9.4	<0.001	0.01	0.68	3.9	0.4	0.5	21.5	0.01	0.04	3.1
FGL030 08+50E		1.02	12.1	620	5.7	8.9	<0.001	0.01	0.54	2.5	0.2	0.4	15.9	<0.01	0.03	1.4
FGL030 08+75E		0.55	12.2	520	7.2	6.7	<0.001	0.01	0.68	1.9	0.3	0.3	19.4	<0.01	0.03	0.4
FGL030 09+00E		0.53	8.4	390	5.5	8.1	<0.001	0.02	0.37	1.5	0.3	0.3	28.1	<0.01	0.02	0.2
FGL030 09+25E		0.28	4.0	660	1.7	2.4	<0.001	0.02	0.26	1.2	0.2	<0.2	15.5	<0.01	0.01	0.2
FGL030 09+50E		0.66	11.0	740	4.4	5.0	<0.001	0.05	0.65	2.9	1.1	0.2	41.6	<0.01	0.01	0.9
FGL030 09+75E		0.63	9.3	820	5.1	4.9	<0.001	0.04	0.52	2.0	0.3	0.3	32.4	<0.01	0.02	0.7
FGL030 10+00E		1.05	15.5	730	8.4	7.9	<0.001	0.03	0.80	3.9	0.9	0.5	32.3	<0.01	0.01	1.6
FGL030 10+25E		0.27	2.6	400	0.9	1.8	<0.001	0.03	0.14	0.5	0.2	<0.2	25.3	<0.01	<0.01	<0.2
FGL030 10+50E		0.62	12.7	610	4.3	7.9	<0.001	0.06	0.42	1.9	0.3	0.3	38.1	<0.01	0.01	0.2
FGL030 10+75E		0.68	8.2	550	4.4	6.9	<0.001	0.03	0.48	1.8	<0.2	0.3	25.7	<0.01	0.01	0.6
FGL030 11+00E		0.63	12.6	670	5.4	7.0	<0.001	0.02	0.76	4.1	0.6	0.3	28.3	<0.01	0.01	1.2
FGL030 11+25E		0.74	13.5	840	6.0	8.7	<0.001	0.04	0.82	5.1	1.2	0.4	43.1	<0.01	0.01	1.3
FGL026 00+00		1.17	14.1	530	6.8	12.5	<0.001	0.01	0.84	4.1	0.4	0.5	15.9	<0.01	0.02	1.3
FGL026 00+25E		1.19	16.2	550	8.0	11.1	<0.001	0.02	0.89	3.7	0.3	0.6	19.8	<0.01	0.02	0.8
FGL026 00+50E		1.00	9.0	400	6.3	9.4	<0.001	0.01	0.55	2.1	<0.2	0.5	12.6	<0.01	0.01	0.5
FGL026 00+75E		0.71	14.9	530	8.7	8.9	<0.001	0.01	1.13	2.5	0.3	0.4	17.6	<0.01	0.03	0.5
FGL026 01+00E		1.40	17.9	640	7.5	12.0	<0.001	0.01	1.03	4.3	0.3	0.5	15.3	<0.01	0.02	3.1
FGL026 01+25E		1.29	16.5	430	14.7	15.1	<0.001	0.01	1.91	4.1	0.6	0.6	17.0	<0.01	0.04	1.4
FGL026 01+50E		0.98	14.4	450	15.0	13.1	<0.001	0.02	1.63	3.1	0.3	0.6	16.1	<0.01	0.03	0.7
FGL026 01+75E		0.88	14.6	550	17.9	10.7	<0.001	0.01	1.95	2.9	0.5	0.4	13.7	<0.01	0.03	1.1
FGL026 02+00E		0.50	13.1	540	13.8	7.6	<0.001	0.01	1.75	1.8	0.4	0.3	12.5	<0.01	0.03	0.4
FGL026 02+25E		0.78	12.0	460	17.5	12.6	<0.001	0.01	2.12	3.1	0.3	0.4	16.1	<0.01	0.04	0.7
FGL026 02+50E		0.47	7.7	430	8.0	8.4	<0.001	0.02	1.15	1.9	0.2	0.3	12.8	<0.01	0.01	0.2
FGL026 02+75E		0.82	14.1	480	8.7	11.8	<0.001	0.01	1.12	3.7	0.6	0.4	17.3	<0.01	0.03	0.8
FGL026 03+00E		0.92	15.8	850	10.1	21.4	<0.001	0.01	2.10	4.5	0.4	0.4	11.6	<0.01	0.04	1.9
FGL026 03+25E		1.11	15.0	400	11.8	12.1	<0.001	0.01	1.37	3.5	0.3	0.5	15.9	<0.01	0.03	1.3
FGL026 03+50E		1.24	15.8	330	9.1	10.7	<0.001	0.01	1.29	3.9	0.3	0.5	16.2	<0.01	0.04	2.3
FGL026 03+75E		0.92	14.7	460	21.2	12.9	<0.001	0.01	2.07	3.6	0.3	0.5	16.2	<0.01	0.02	1.3
FGL026 04+00E		0.41	5.9	380	4.5	11.7	<0.001	0.02	0.48	1.3	<0.2	0.3	13.9	<0.01	0.01	<0.2
FGL026 04+25E		0.43	2.1	260	1.8	3.7	<0.001	0.01	0.13	0.7	<0.2	0.2	8.9	<0.01	0.01	0.3
FGL026 04+50E		0.43	6.7	480	4.0	13.7	<0.001	0.02	0.38	1.5	0.3	0.3	14.1	<0.01	0.02	<0.2
FGL026 04+75E		1.20	16.2	430	7.4	9.9	<0.001	0.01	0.86	3.8	0.3	0.5	16.1	<0.01	0.02	2.2
FGL026 05+00E		0.54	5.9	520	4.3	8.4	<0.001	0.02	0.36	1.6	0.2	0.4	20.5	<0.01	0.01	0.2
FGL026 05+25E		0.64	8.3	430	5.6	8.5	<0.001	0.02	0.49	1.7	0.3	0.4	15.5	<0.01	0.01	0.2
FGL026 05+50E		0.92	15.1	640	13.7	11.1	<0.001	0.02	1.03	3.6	0.5	0.5	20.1	<0.01	<0.01	1.0

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

ALS Canada Ltd.
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 17- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13157931

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
FGL030 07+25E		0.067	0.11	0.36	58	0.20	2.63	40	0.7
FGL030 07+50E		0.072	0.12	0.52	71	0.20	3.02	61	1.2
FGL030 07+75E		0.041	0.10	0.32	87	0.14	2.78	86	1.1
FGL030 08+00E		0.040	0.04	0.18	32	0.07	1.14	19	<0.5
FGL030 08+25E		0.079	0.12	0.52	57	0.21	3.86	51	2.0
FGL030 08+50E		0.066	0.08	0.35	60	0.23	3.49	52	0.5
FGL030 08+75E		0.045	0.07	0.43	43	0.10	4.06	46	<0.5
FGL030 09+00E		0.047	0.08	0.40	50	0.12	3.29	37	<0.5
FGL030 09+25E		0.047	0.03	0.27	37	0.05	3.18	23	<0.5
FGL030 09+50E		0.039	0.06	1.05	41	0.09	9.15	40	1.0
FGL030 09+75E		0.050	0.06	0.44	49	0.28	3.54	41	0.6
FGL030 10+00E		0.056	0.10	0.68	58	0.15	5.57	58	0.8
FGL030 10+25E		0.031	0.03	0.20	20	0.05	1.41	11	0.5
FGL030 10+50E		0.031	0.08	0.49	36	0.12	5.42	35	<0.5
FGL030 10+75E		0.036	0.11	0.28	37	0.14	2.36	36	<0.5
FGL030 11+00E		0.032	0.18	0.87	45	0.15	9.68	53	0.6
FGL030 11+25E		0.020	0.21	1.48	47	0.16	15.20	43	1.0
FGL026 00+00		0.085	0.13	0.45	66	0.21	4.26	56	0.5
FGL026 00+25E		0.067	0.16	0.47	72	0.19	3.53	61	<0.5
FGL026 00+50E		0.063	0.11	0.31	52	0.16	2.19	37	<0.5
FGL026 00+75E		0.050	0.13	0.41	58	0.14	3.26	55	<0.5
FGL026 01+00E		0.078	0.13	0.54	61	0.17	5.27	59	1.6
FGL026 01+25E		0.054	0.26	0.41	80	0.21	3.70	102	<0.5
FGL026 01+50E		0.047	0.24	0.48	67	0.17	3.21	85	<0.5
FGL026 01+75E		0.055	0.24	0.45	60	0.15	3.30	102	<0.5
FGL026 02+00E		0.051	0.21	0.37	58	0.12	2.77	91	<0.5
FGL026 02+25E		0.048	0.22	0.36	65	0.12	4.18	136	<0.5
FGL026 02+50E		0.048	0.13	0.36	47	0.10	3.43	54	<0.5
FGL026 02+75E		0.068	0.13	0.52	58	0.12	5.96	65	<0.5
FGL026 03+00E		0.078	0.20	0.52	77	0.13	5.20	117	<0.5
FGL026 03+25E		0.047	0.19	0.43	63	0.21	3.45	71	<0.5
FGL026 03+50E		0.059	0.16	0.39	64	0.22	3.68	75	0.7
FGL026 03+75E		0.036	0.18	0.46	59	0.16	4.13	107	<0.5
FGL026 04+00E		0.027	0.10	0.40	27	0.09	2.87	27	<0.5
FGL026 04+25E		0.053	0.03	0.14	36	0.08	1.74	15	<0.5
FGL026 04+50E		0.043	0.07	0.39	39	0.10	3.15	37	<0.5
FGL026 04+75E		0.069	0.11	0.40	59	0.15	3.55	61	0.9
FGL026 05+00E		0.063	0.06	0.37	44	0.34	4.73	33	<0.5
FGL026 05+25E		0.042	0.08	0.43	39	0.35	2.95	38	<0.5
FGL026 05+50E		0.061	0.12	0.55	70	0.15	4.30	85	<0.5

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

ALS Canada Ltd.
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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 17- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13157931

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- TL44 Au ppm 0.001	ME- MS41 Ag ppm 0.01	ME- MS41 Al % 0.01	ME- MS41 As ppm 0.1	ME- MS41 Au ppm 0.2	ME- MS41 B ppm 10	ME- MS41 Ba ppm 10	ME- MS41 Be ppm 0.05	ME- MS41 Bi ppm 0.01	ME- MS41 Ca % 0.01	ME- MS41 Cd ppm 0.01	ME- MS41 Ce ppm 0.02	ME- MS41 Co ppm 0.1	ME- MS41 Cr ppm 1
FGL026 05+75E		0.54	0.005	0.34	1.86	36.3	<0.2	<10	340	0.36	0.12	0.35	0.36	20.4	7.0	27
FGL026 06+00E		0.52	0.002	0.17	1.08	17.9	<0.2	<10	220	0.19	0.09	0.23	0.30	15.00	4.8	19
FGL026 06+25E		0.60	0.004	0.22	1.58	27.1	<0.2	<10	350	0.36	0.08	0.33	0.38	20.9	6.9	26
FGL026 06+50E		0.54	0.003	0.11	1.74	30.6	<0.2	<10	410	0.49	0.14	0.39	0.33	27.8	8.6	31
FGL026 06+75E		0.57	0.005	0.20	1.66	18.7	<0.2	<10	390	0.45	0.12	0.31	0.18	25.5	5.9	23
FGL026 07+00E		0.66	0.007	0.18	2.15	37.2	<0.2	<10	790	0.64	0.13	0.40	0.23	34.9	9.2	30
FGL026 07+25E		0.73	0.007	0.10	1.61	29.6	<0.2	<10	570	0.45	0.11	0.47	0.11	28.3	8.0	25
FGL026 07+50E		0.83	0.006	0.15	1.57	19.1	<0.2	<10	670	0.49	0.13	0.61	0.23	34.5	6.3	24
FGL026 07+75E		0.48	0.001	0.08	0.95	8.2	<0.2	<10	360	0.29	0.07	0.22	0.06	17.90	3.8	12
FGL026 08+00E		0.32	0.002	0.20	1.40	10.7	<0.2	<10	1020	0.71	0.09	0.98	0.19	72.5	4.8	14

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

ALS Canada Ltd.
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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 17- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13157931

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
FGL026 05+75E		2.88	22.3	2.46	7.20	<0.05	<0.02	0.06	0.019	0.10	10.1	10.5	0.40	409	0.96	0.02
FGL026 06+00E		1.78	16.3	1.65	4.61	<0.05	<0.02	0.03	0.013	0.07	7.2	6.5	0.29	289	0.61	0.02
FGL026 06+25E		2.23	21.6	2.45	5.74	<0.05	<0.02	0.04	0.022	0.08	10.0	10.3	0.46	382	0.81	0.01
FGL026 06+50E		2.80	23.5	2.79	6.53	0.05	0.02	0.03	0.030	0.08	15.3	14.8	0.56	456	0.99	0.01
FGL026 06+75E		3.71	19.0	2.29	6.02	<0.05	<0.02	0.06	0.026	0.08	14.3	9.8	0.40	230	0.75	0.01
FGL026 07+00E		5.99	23.5	2.86	6.80	0.06	0.02	0.15	0.037	0.09	21.7	13.6	0.50	390	0.80	0.01
FGL026 07+25E		4.53	17.3	2.25	5.33	0.05	0.02	0.08	0.026	0.07	16.1	10.7	0.42	300	0.51	0.02
FGL026 07+50E		4.47	22.4	2.33	6.25	0.06	<0.02	0.05	0.025	0.06	18.8	10.8	0.41	231	0.52	0.01
FGL026 07+75E		3.26	9.3	1.47	3.91	<0.05	<0.02	0.03	0.014	0.05	10.5	4.9	0.20	138	0.28	0.03
FGL026 08+00E		6.15	20.4	1.66	4.91	0.11	<0.02	0.07	0.021	0.07	43.6	6.1	0.24	191	0.43	0.02

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

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 17- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13157931

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
FGL026 05+75E		0.85	14.5	640	9.2	16.8	<0.001	0.04	0.84	3.3	<0.2	0.5	30.5	<0.01	0.04	0.4
FGL026 06+00E		0.50	10.0	470	6.3	13.1	<0.001	0.02	0.53	1.5	<0.2	0.4	20.2	<0.01	0.02	<0.2
FGL026 06+25E		0.74	14.7	560	9.4	9.4	<0.001	0.02	0.92	3.2	<0.2	0.4	27.0	<0.01	0.01	0.6
FGL026 06+50E		0.98	17.5	590	10.6	12.0	<0.001	0.02	0.95	4.8	0.5	0.5	31.4	<0.01	0.01	2.5
FGL026 06+75E		0.77	13.2	640	7.8	11.3	<0.001	0.04	0.68	3.6	0.6	0.4	27.0	<0.01	0.01	0.7
FGL026 07+00E		0.87	18.7	740	9.0	12.5	<0.001	0.03	1.01	7.3	0.9	0.5	31.9	<0.01	0.02	2.2
FGL026 07+25E		0.92	15.2	580	6.5	8.9	<0.001	0.03	0.78	5.4	0.7	0.4	32.1	<0.01	0.01	1.9
FGL026 07+50E		0.87	14.8	510	7.8	9.6	<0.001	0.02	0.76	4.7	0.9	0.5	31.0	<0.01	0.02	1.0
FGL026 07+75E		0.41	6.6	370	3.1	5.5	<0.001	0.02	0.39	2.0	0.5	0.3	20.4	<0.01	0.01	0.2
FGL026 08+00E		0.59	10.5	720	4.5	9.1	0.001	0.08	0.61	3.1	1.8	0.3	61.2	<0.01	0.01	0.3

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

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 17- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13157931

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
FGL026 05+75E		0.056	0.12	0.61	63	0.17	6.33	80	<0.5
FGL026 06+00E		0.040	0.09	0.38	42	0.13	3.61	51	<0.5
FGL026 06+25E		0.048	0.10	0.53	57	0.11	5.21	78	<0.5
FGL026 06+50E		0.048	0.11	0.68	63	0.30	6.82	81	0.5
FGL026 06+75E		0.033	0.09	0.68	49	0.23	7.91	54	<0.5
FGL026 07+00E		0.033	0.16	0.82	58	0.27	13.15	77	0.7
FGL026 07+25E		0.046	0.12	0.61	48	0.15	10.70	55	0.7
FGL026 07+50E		0.043	0.12	0.68	54	0.28	15.05	55	<0.5
FGL026 07+75E		0.036	0.07	0.37	36	0.09	7.33	30	<0.5
FGL026 08+00E		0.021	0.09	0.74	31	0.12	31.6	35	<0.5

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

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

To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 17- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13157931

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: Gold determinations by this method are semi- quantitative due to the small sample weight used (0.5g).
ME- MS41

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
LOG- 22 SCR- 41 WEI- 21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- TL44 ME- MS41

ALS Canada Ltd.
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North Vancouver BC V7H 0A7
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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 20- SEP- 2013
Account: TELOEX

CERTIFICATE WH13157932

Project: ALSM- CW13- 0422- R1- TELOEX

P.O. No.: FG13- 006

This report is for 199 Soil samples submitted to our lab in Whitehorse, YT, Canada on 29- AUG- 2013.

The following have access to data associated with this certificate:

JESSE CAMPBELL MIKE MCCUAIG	CHRIS GALLAGHER	GRAEME HOPKINS

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SCR- 41	Screen to - 180um and save both

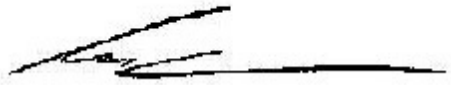
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- TL44	Trace Level Au - 50 g AR	ICP- MS
ME- MS41	51 anal. aqua regia ICPMS	

To: **TERRALOGIC EXPLORATION SERVICES INC.**
ATTN: CHRIS GALLAGHER
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

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

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 20- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 0422- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13157932

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- TL44 Au ppm 0.001	ME- MS41 Ag ppm 0.01	ME- MS41 Al % 0.01	ME- MS41 As ppm 0.1	ME- MS41 Au ppm 0.2	ME- MS41 B ppm 10	ME- MS41 Ba ppm 10	ME- MS41 Be ppm 0.05	ME- MS41 Bi ppm 0.01	ME- MS41 Ca % 0.01	ME- MS41 Cd ppm 0.01	ME- MS41 Ce ppm 0.02	ME- MS41 Co ppm 0.1	ME- MS41 Cr ppm 1
FGL032 00+00		0.65	0.005	0.25	1.91	50.1	<0.2	<10	190	0.60	0.15	0.31	0.10	29.7	10.4	41
FGL032 00+25E		0.52	0.005	0.16	1.59	167.0	<0.2	<10	150	0.55	0.11	0.37	0.47	33.1	13.2	52
FGL032 00+50E		0.74	0.004	0.22	1.36	119.5	<0.2	<10	140	0.41	0.11	0.33	0.44	24.2	9.5	32
FGL032 00+75E		0.62	0.004	0.30	1.72	125.0	<0.2	<10	180	0.47	0.16	0.19	0.42	22.8	8.2	40
FGL032 01+00E		0.75	0.006	0.23	1.86	70.5	<0.2	<10	190	0.57	0.15	0.19	0.25	25.4	8.5	33
FGL032 01+25E		0.57	0.006	0.17	1.41	99.1	<0.2	<10	150	0.34	0.13	0.18	0.29	21.2	8.9	28
FGL032 01+50E		0.53	0.007	0.39	1.53	82.6	<0.2	<10	210	0.51	0.12	0.22	0.27	24.1	9.0	31
FGL032 01+75E		0.45	0.003	0.78	1.21	50.5	<0.2	<10	140	0.32	0.09	0.15	0.17	11.70	4.4	17
FGL032 02+00E		0.65	0.008	0.73	1.78	91.9	<0.2	<10	240	0.47	0.12	0.24	0.29	22.6	8.7	31
FGL032 02+25E		0.55	0.006	0.88	1.57	105.5	<0.2	<10	270	0.43	0.19	0.19	0.63	20.4	8.4	28
FGL032 02+50E		0.61	0.005	0.26	1.47	106.0	<0.2	<10	120	0.31	0.18	0.16	0.28	19.90	10.9	28
FGL032 02+75E		0.70	0.004	0.49	1.41	65.2	<0.2	<10	160	0.32	0.15	0.17	0.34	19.70	6.1	25
FGL032 03+00E		0.34	0.004	0.39	1.29	62.0	<0.2	<10	160	0.42	0.11	0.15	0.35	23.3	5.8	19
FGL032 03+25E		0.77	0.008	0.32	1.93	142.0	<0.2	<10	240	0.54	0.14	0.28	0.30	26.8	7.7	31
FGL032 03+50E		0.69	0.005	0.17	1.94	87.9	<0.2	<10	210	0.45	0.16	0.23	0.28	23.5	9.0	35
FGL032 03+75E		0.60	0.004	0.10	1.73	52.6	<0.2	<10	220	0.38	0.13	0.25	0.21	24.4	8.7	31
FGL032 04+00E		0.55	0.006	0.13	1.80	57.3	<0.2	<10	240	0.41	0.14	0.23	0.34	26.5	9.5	32
FGL032 04+25E		0.50	0.003	0.09	1.53	64.2	<0.2	<10	160	0.34	0.10	0.23	0.29	23.7	9.7	26
FGL032 04+50E		0.63	0.005	0.32	2.00	68.0	<0.2	<10	250	0.51	0.14	0.34	0.43	27.4	11.5	30
FGL032 04+75E		0.59	0.006	0.38	2.02	49.2	<0.2	<10	600	0.75	0.11	0.44	0.45	39.8	10.5	30
FGL032 05+00E		0.64	0.004	0.27	1.27	33.1	<0.2	<10	320	0.34	0.10	0.31	0.37	19.85	4.6	18
FGL032 05+25E		0.55	0.002	0.26	1.25	37.3	<0.2	<10	330	0.39	0.13	0.23	0.38	18.80	3.8	18
FGL032 05+50E		0.64	0.002	0.17	1.42	21.3	<0.2	<10	270	0.36	0.10	0.31	0.36	21.0	6.7	20
FGL032 05+75E		0.44	0.003	0.17	1.16	10.4	<0.2	<10	320	0.34	0.08	0.29	0.15	23.4	4.9	15
FGL032 06+00E		0.61	0.005	0.15	1.37	20.6	<0.2	<10	330	0.43	0.09	0.27	0.17	26.5	6.1	21
FGL032 06+25E		0.42	0.006	0.35	1.83	24.3	<0.2	<10	430	0.47	0.11	0.28	0.37	32.2	9.6	24
FGL032 06+50E		0.49	0.005	0.19	1.47	22.7	<0.2	<10	410	0.35	0.10	0.30	0.29	23.8	7.5	19
FGL032 06+75E		0.60	0.023	0.21	1.50	50.5	<0.2	<10	540	0.46	0.11	0.25	0.19	26.6	5.4	20
FGL032 07+00E		0.49	0.011	0.21	1.54	31.5	<0.2	<10	480	0.61	0.11	0.56	0.13	30.0	5.3	19
FGL032 07+25E		0.56	0.012	0.16	1.50	46.8	<0.2	<10	560	0.44	0.10	0.38	0.24	32.2	9.2	22
FGL032 07+50E		0.48	0.021	0.13	1.35	46.8	<0.2	<10	730	0.43	0.08	0.46	0.29	54.1	12.5	18
FGL032 07+75E		0.47	0.007	0.13	1.35	31.5	<0.2	<10	780	0.58	0.07	0.45	0.29	41.1	6.4	17
FGL032 08+00E		0.37	0.005	0.13	1.37	24.8	<0.2	<10	780	0.46	0.08	0.48	0.24	38.6	8.8	19
FGL025 00+00		0.56	0.004	0.11	2.48	20.2	<0.2	<10	260	0.62	0.17	0.25	0.11	28.7	10.5	41
FGL025 00+25E		0.47	0.003	0.36	1.86	16.9	<0.2	<10	200	0.45	0.18	0.18	0.14	25.9	6.4	29
FGL025 00+50E		0.63	0.004	0.30	1.49	23.7	<0.2	<10	150	0.38	0.11	0.16	0.12	20.5	6.9	25
FGL025 00+75E		0.48	0.002	0.12	1.15	14.4	<0.2	<10	90	0.20	0.10	0.17	0.10	16.25	5.9	20
FGL025 01+00E		0.59	0.002	0.29	1.71	19.0	<0.2	<10	210	0.45	0.15	0.23	0.14	26.3	6.9	25
FGL025 01+25E		0.45	0.002	0.92	1.52	13.0	<0.2	<10	250	0.47	0.13	0.18	0.19	27.8	5.7	22
FGL025 01+50E		0.50	0.002	0.33	1.39	9.7	<0.2	<10	180	0.30	0.14	0.17	0.14	15.90	5.8	21

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 20- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 0422- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13157932

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
FGL032 00+00		3.57	31.1	3.14	6.11	0.05	0.05	0.04	0.034	0.09	15.9	14.7	0.55	399	1.67	0.01
FGL032 00+25E		9.06	36.5	3.64	5.45	0.05	<0.02	0.04	0.037	0.11	16.6	12.2	0.52	786	3.91	0.01
FGL032 00+50E		5.35	25.3	2.67	4.81	0.05	<0.02	0.04	0.023	0.09	12.3	9.6	0.41	402	2.23	0.01
FGL032 00+75E		7.78	26.1	3.55	7.05	<0.05	<0.02	0.03	0.032	0.08	12.4	17.4	0.46	451	3.55	0.01
FGL032 01+00E		4.50	23.7	2.87	5.81	<0.05	<0.02	0.05	0.033	0.07	12.9	12.3	0.43	309	1.87	0.01
FGL032 01+25E		3.90	23.2	3.04	5.95	<0.05	<0.02	0.01	0.023	0.06	10.6	10.0	0.35	367	3.24	0.02
FGL032 01+50E		6.79	23.8	2.67	5.08	<0.05	<0.02	0.05	0.027	0.07	12.3	12.0	0.40	473	1.92	0.01
FGL032 01+75E		6.58	15.2	1.81	4.54	<0.05	<0.02	0.06	0.017	0.06	6.7	7.0	0.21	215	0.98	0.03
FGL032 02+00E		8.48	25.9	2.84	5.40	<0.05	<0.02	0.06	0.027	0.08	12.3	12.7	0.42	579	1.40	0.02
FGL032 02+25E		7.60	29.5	2.74	6.83	<0.05	<0.02	0.07	0.024	0.09	10.9	8.8	0.29	661	1.88	0.01
FGL032 02+50E		4.03	14.8	2.59	6.84	<0.05	<0.02	0.03	0.025	0.07	10.1	10.2	0.38	764	1.74	0.01
FGL032 02+75E		3.64	13.0	2.27	6.03	<0.05	<0.02	0.03	0.019	0.06	11.1	12.5	0.37	402	1.00	0.01
FGL032 03+00E		3.94	17.4	2.18	5.16	<0.05	<0.02	0.04	0.019	0.07	12.5	7.1	0.24	344	0.92	0.02
FGL032 03+25E		9.72	24.0	3.04	6.58	0.05	<0.02	0.06	0.034	0.10	14.8	13.7	0.48	423	1.45	0.02
FGL032 03+50E		8.44	19.9	3.03	6.72	<0.05	<0.02	0.04	0.030	0.09	12.5	14.6	0.51	481	1.39	0.01
FGL032 03+75E		5.18	18.4	2.74	5.57	<0.05	0.02	0.02	0.026	0.09	12.4	14.2	0.51	396	1.10	0.01
FGL032 04+00E		5.57	25.2	3.07	6.41	0.05	0.03	0.03	0.030	0.11	13.5	17.6	0.59	449	1.54	0.01
FGL032 04+25E		4.52	21.5	2.88	6.04	0.05	0.02	0.01	0.027	0.10	11.7	14.1	0.55	518	1.33	0.01
FGL032 04+50E		6.71	34.6	3.14	6.97	0.05	<0.02	0.06	0.036	0.09	14.5	16.9	0.56	717	1.52	0.02
FGL032 04+75E		7.19	31.3	3.26	6.55	0.07	0.03	0.09	0.040	0.09	24.0	15.0	0.58	534	0.86	0.01
FGL032 05+00E		3.64	24.4	2.02	5.22	<0.05	<0.02	0.07	0.019	0.07	11.1	6.7	0.33	199	0.64	0.02
FGL032 05+25E		3.04	22.2	1.87	5.37	<0.05	<0.02	0.05	0.019	0.08	11.0	6.2	0.25	148	0.65	0.03
FGL032 05+50E		4.07	18.0	2.20	5.65	<0.05	<0.02	0.03	0.020	0.08	11.6	9.7	0.39	377	0.58	0.02
FGL032 05+75E		3.02	13.1	1.60	4.61	<0.05	<0.02	0.08	0.015	0.06	13.1	5.9	0.23	334	0.61	0.02
FGL032 06+00E		3.13	15.6	2.23	5.84	0.05	<0.02	0.08	0.020	0.07	15.3	8.6	0.39	220	0.58	0.02
FGL032 06+25E		4.33	21.7	2.24	6.32	<0.05	<0.02	0.10	0.027	0.07	16.1	11.2	0.39	779	0.90	0.02
FGL032 06+50E		4.29	15.3	2.02	5.46	<0.05	<0.02	0.07	0.019	0.07	12.1	9.3	0.31	468	0.65	0.02
FGL032 06+75E		4.00	17.0	2.07	5.55	0.05	<0.02	0.09	0.020	0.08	18.0	7.7	0.32	208	0.60	0.02
FGL032 07+00E		4.26	16.0	2.11	5.27	0.05	<0.02	0.09	0.023	0.06	18.0	6.9	0.23	246	0.65	0.02
FGL032 07+25E		5.25	17.5	2.33	5.74	0.05	<0.02	0.08	0.027	0.07	18.9	8.1	0.38	502	0.65	0.02
FGL032 07+50E		4.94	14.7	2.31	4.79	0.06	0.02	0.16	0.024	0.06	29.3	6.9	0.28	968	0.59	0.02
FGL032 07+75E		5.62	18.7	1.95	4.45	0.07	0.02	0.24	0.026	0.06	27.5	6.5	0.25	467	0.53	0.02
FGL032 08+00E		4.60	17.4	2.38	4.94	0.06	0.02	0.09	0.024	0.06	23.2	7.9	0.37	847	0.47	0.01
FGL025 00+00		3.84	24.5	2.99	6.87	<0.05	0.07	0.01	0.034	0.11	14.1	15.0	0.68	352	0.66	0.01
FGL025 00+25E		3.16	17.2	2.65	7.30	<0.05	<0.02	0.02	0.027	0.07	13.9	13.2	0.45	215	0.95	0.01
FGL025 00+50E		2.69	16.2	2.19	5.06	<0.05	<0.02	0.02	0.023	0.06	10.4	9.4	0.40	258	0.72	0.02
FGL025 00+75E		2.16	13.1	2.30	5.99	<0.05	<0.02	0.01	0.020	0.08	7.7	8.5	0.41	251	0.78	0.01
FGL025 01+00E		4.26	23.6	2.52	6.73	<0.05	<0.02	0.02	0.027	0.07	13.4	11.9	0.41	365	1.32	0.01
FGL025 01+25E		3.42	30.2	2.20	5.89	<0.05	<0.02	0.03	0.023	0.06	19.5	9.4	0.35	217	1.37	0.01
FGL025 01+50E		2.97	16.0	2.07	5.47	<0.05	<0.02	0.02	0.018	0.05	8.2	8.1	0.30	241	0.96	0.02

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Finalized Date: 20- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 0422- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13157932

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
FGL032 00+00		1.22	29.2	630	12.6	11.9	<0.001	0.02	1.74	6.3	1.0	0.5	20.6	<0.01	0.02	3.5
FGL032 00+25E		0.89	41.1	1030	18.5	17.0	<0.001	0.01	5.15	5.6	1.6	0.4	18.5	<0.01	0.07	3.7
FGL032 00+50E		0.77	27.2	840	16.5	12.5	<0.001	0.02	3.47	4.1	0.9	0.4	17.4	<0.01	0.04	1.4
FGL032 00+75E		1.19	26.6	450	14.6	15.6	<0.001	0.02	3.41	4.6	0.8	0.6	17.7	<0.01	0.04	1.3
FGL032 01+00E		1.11	22.2	560	12.4	11.6	<0.001	0.01	2.21	5.1	0.8	0.5	16.9	<0.01	0.03	2.1
FGL032 01+25E		0.89	21.0	540	13.1	11.1	<0.001	0.01	3.52	4.0	0.7	0.4	17.3	<0.01	0.03	1.3
FGL032 01+50E		0.89	22.1	560	13.8	14.4	<0.001	0.01	3.04	4.6	0.6	0.4	18.5	<0.01	0.03	2.1
FGL032 01+75E		0.47	10.3	430	9.2	11.4	<0.001	0.02	1.45	2.1	0.4	0.3	15.1	<0.01	0.02	0.2
FGL032 02+00E		0.77	21.8	560	20.1	16.6	<0.001	0.02	3.40	4.4	0.8	0.4	20.8	<0.01	0.02	1.2
FGL032 02+25E		0.55	14.5	730	37.7	19.7	<0.001	0.03	2.42	1.8	0.7	0.5	21.2	<0.01	0.02	<0.2
FGL032 02+50E		1.03	14.5	460	19.2	15.4	<0.001	0.02	1.96	3.0	0.4	0.5	16.6	<0.01	0.02	0.9
FGL032 02+75E		1.17	13.2	380	17.2	15.1	<0.001	0.02	1.32	3.1	0.4	0.5	16.8	<0.01	0.03	1.2
FGL032 03+00E		0.67	10.8	540	8.2	14.1	<0.001	0.02	1.23	2.7	0.5	0.4	15.0	<0.01	0.02	0.7
FGL032 03+25E		1.13	17.5	690	14.0	16.3	<0.001	0.03	1.65	4.5	0.5	0.5	24.4	<0.01	0.02	1.8
FGL032 03+50E		1.25	20.0	380	16.5	15.3	<0.001	0.02	1.53	4.5	0.4	0.6	21.1	<0.01	0.02	2.2
FGL032 03+75E		1.24	19.6	440	11.5	10.9	<0.001	0.02	1.37	4.5	0.5	0.5	20.5	<0.01	0.02	2.9
FGL032 04+00E		1.43	20.2	500	12.5	13.5	<0.001	0.02	1.41	5.4	1.0	0.5	20.1	<0.01	0.03	3.6
FGL032 04+25E		1.15	16.5	570	10.0	12.4	<0.001	0.02	1.38	4.7	0.6	0.4	16.8	<0.01	0.03	2.6
FGL032 04+50E		1.00	19.9	660	12.0	15.0	<0.001	0.03	1.29	5.4	0.8	0.5	29.0	<0.01	0.04	1.4
FGL032 04+75E		0.68	19.4	1070	13.2	13.1	<0.001	0.04	1.54	8.1	1.2	0.4	35.0	<0.01	0.02	2.4
FGL032 05+00E		0.58	10.9	720	5.5	10.8	<0.001	0.03	0.69	2.6	0.6	0.3	24.8	<0.01	0.02	0.3
FGL032 05+25E		0.76	9.9	460	6.4	10.5	<0.001	0.03	0.58	2.9	0.5	0.4	22.6	<0.01	0.01	0.4
FGL032 05+50E		0.60	11.0	930	6.7	10.6	<0.001	0.03	0.57	2.6	0.4	0.4	22.4	<0.01	0.01	0.4
FGL032 05+75E		0.47	7.5	600	4.4	9.3	<0.001	0.05	0.39	1.9	0.4	0.3	26.2	<0.01	0.01	<0.2
FGL032 06+00E		0.61	10.5	760	6.5	9.3	<0.001	0.04	0.65	3.5	0.6	0.3	22.5	<0.01	<0.01	0.5
FGL032 06+25E		0.68	13.1	890	9.0	14.5	<0.001	0.07	0.67	3.3	0.8	0.4	27.1	<0.01	0.01	0.4
FGL032 06+50E		0.68	10.9	620	8.0	11.1	<0.001	0.05	0.57	2.7	0.5	0.4	25.8	<0.01	0.01	0.4
FGL032 06+75E		0.64	11.9	470	6.8	9.6	<0.001	0.03	1.30	3.1	0.5	0.4	23.2	<0.01	0.02	0.3
FGL032 07+00E		0.64	9.7	690	7.1	9.0	<0.001	0.05	1.29	3.0	0.9	0.4	37.8	<0.01	0.02	0.3
FGL032 07+25E		0.72	12.2	760	8.8	10.2	<0.001	0.04	0.96	3.5	0.5	0.3	29.3	<0.01	0.01	0.9
FGL032 07+50E		0.67	11.0	700	6.1	9.7	<0.001	0.04	0.90	4.9	0.8	0.3	34.5	<0.01	0.01	1.3
FGL032 07+75E		0.58	11.4	830	6.1	9.6	<0.001	0.05	1.38	3.9	1.0	0.2	35.6	<0.01	<0.01	0.8
FGL032 08+00E		0.73	11.9	850	6.7	9.6	<0.001	0.04	1.10	4.5	0.8	0.3	32.7	<0.01	0.01	1.4
FGL025 00+00		1.74	23.7	580	9.7	16.2	<0.001	0.01	1.00	6.2	0.4	0.6	19.0	<0.01	0.02	5.3
FGL025 00+25E		1.78	14.2	350	11.6	12.6	<0.001	0.01	0.78	4.0	0.3	0.6	17.1	<0.01	0.02	2.7
FGL025 00+50E		0.92	14.8	440	8.0	9.6	<0.001	0.01	0.97	3.0	0.2	0.4	14.4	<0.01	0.01	0.9
FGL025 00+75E		0.99	9.7	450	5.5	12.6	<0.001	0.01	1.04	2.9	0.2	0.4	12.2	<0.01	0.02	0.9
FGL025 01+00E		1.37	13.4	380	9.2	15.8	<0.001	0.01	0.98	4.0	0.5	0.5	21.0	<0.01	0.02	1.9
FGL025 01+25E		0.86	11.7	490	8.9	9.4	<0.001	0.01	0.62	2.4	0.5	0.4	17.7	<0.01	0.02	0.5
FGL025 01+50E		0.89	10.2	470	6.8	9.6	<0.001	0.01	0.51	2.1	0.3	0.4	17.7	<0.01	0.01	0.4

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

ALS Canada Ltd.
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 20- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 0422- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13157932

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
FGL032 00+00		0.067	0.19	0.99	78	0.22	7.06	85	1.3
FGL032 00+25E		0.054	0.36	0.68	92	0.26	8.31	195	0.6
FGL032 00+50E		0.056	0.21	0.63	68	0.20	6.77	131	<0.5
FGL032 00+75E		0.048	0.23	0.62	91	0.39	5.24	137	<0.5
FGL032 01+00E		0.055	0.22	0.73	62	0.22	6.69	91	<0.5
FGL032 01+25E		0.048	0.18	0.49	73	0.18	5.02	110	<0.5
FGL032 01+50E		0.042	0.22	0.65	60	0.19	6.45	98	<0.5
FGL032 01+75E		0.030	0.22	0.43	45	0.12	3.90	62	<0.5
FGL032 02+00E		0.036	0.28	0.66	59	0.23	8.53	124	<0.5
FGL032 02+25E		0.035	0.29	0.71	69	0.20	5.57	122	<0.5
FGL032 02+50E		0.058	0.23	0.44	66	0.48	3.53	87	<0.5
FGL032 02+75E		0.057	0.18	0.46	56	0.20	4.46	94	<0.5
FGL032 03+00E		0.057	0.14	0.63	57	0.14	4.80	68	<0.5
FGL032 03+25E		0.063	0.21	0.79	63	0.18	7.76	93	<0.5
FGL032 03+50E		0.066	0.20	0.62	70	0.19	4.75	96	0.6
FGL032 03+75E		0.072	0.17	0.59	62	0.16	5.58	84	0.8
FGL032 04+00E		0.093	0.19	0.67	73	0.15	6.33	99	1.0
FGL032 04+25E		0.091	0.14	0.56	70	0.17	5.82	92	0.7
FGL032 04+50E		0.065	0.14	0.96	74	0.18	8.55	100	<0.5
FGL032 04+75E		0.040	0.15	1.22	64	0.13	15.25	116	0.7
FGL032 05+00E		0.040	0.09	0.68	46	0.11	7.38	56	<0.5
FGL032 05+25E		0.046	0.10	0.65	45	0.14	6.40	50	<0.5
FGL032 05+50E		0.051	0.09	0.55	50	0.51	5.90	63	<0.5
FGL032 05+75E		0.036	0.09	0.54	38	0.11	6.50	34	<0.5
FGL032 06+00E		0.060	0.13	0.82	54	0.11	7.27	65	<0.5
FGL032 06+25E		0.032	0.14	0.89	52	0.16	8.27	61	<0.5
FGL032 06+50E		0.037	0.11	0.54	48	0.19	5.98	54	<0.5
FGL032 06+75E		0.033	0.12	0.68	47	0.14	9.76	51	<0.5
FGL032 07+00E		0.035	0.11	0.82	49	0.20	10.75	43	<0.5
FGL032 07+25E		0.025	0.13	0.58	48	0.23	9.79	63	<0.5
FGL032 07+50E		0.030	0.15	0.67	46	0.12	20.7	57	0.6
FGL032 07+75E		0.025	0.16	0.78	38	0.09	20.8	58	0.6
FGL032 08+00E		0.034	0.12	0.62	47	0.12	18.40	59	0.7
FGL025 00+00		0.094	0.17	0.69	64	0.24	6.67	67	2.5
FGL025 00+25E		0.073	0.14	0.58	61	0.18	5.06	53	0.6
FGL025 00+50E		0.059	0.15	0.55	51	0.18	3.93	57	<0.5
FGL025 00+75E		0.080	0.08	0.37	60	0.23	3.65	51	<0.5
FGL025 01+00E		0.055	0.13	0.57	59	0.17	7.36	58	0.5
FGL025 01+25E		0.053	0.10	0.71	52	0.14	8.62	44	<0.5
FGL025 01+50E		0.060	0.10	0.45	53	0.16	4.83	43	<0.5

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

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 20- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 0422- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13157932

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- TL44 Au ppm 0.001	ME- MS41 Ag ppm 0.01	ME- MS41 Al % 0.01	ME- MS41 As ppm 0.1	ME- MS41 Au ppm 0.2	ME- MS41 B ppm 10	ME- MS41 Ba ppm 10	ME- MS41 Be ppm 0.05	ME- MS41 Bi ppm 0.01	ME- MS41 Ca % 0.01	ME- MS41 Cd ppm 0.01	ME- MS41 Ce ppm 0.02	ME- MS41 Co ppm 0.1	ME- MS41 Cr ppm 1
FGL025 01+75E		0.58	0.002	0.27	1.95	23.7	<0.2	<10	150	0.42	0.18	0.22	0.24	19.95	7.7	35
FGL025 02+00E		0.40	0.009	0.10	1.42	15.9	<0.2	<10	120	0.34	0.12	0.15	0.14	18.05	8.2	24
FGL025 02+25E		0.49	0.005	0.18	1.45	15.9	<0.2	<10	160	0.31	0.13	0.19	0.16	15.20	7.6	22
FGL025 02+50E		0.46	0.012	0.16	1.57	68.7	<0.2	<10	160	0.33	0.14	0.15	0.24	17.85	7.5	22
FGL025 02+75E		0.39	0.003	0.14	0.97	12.3	<0.2	<10	130	0.21	0.13	0.15	0.10	18.80	4.1	16
FGL025 03+00E		0.37	0.003	0.19	1.54	13.0	<0.2	<10	220	0.40	0.13	0.20	0.13	21.0	6.9	24
FGL025 03+25E		0.39	0.004	0.13	1.47	14.7	<0.2	<10	160	0.33	0.14	0.19	0.13	19.60	7.3	23
FGL025 03+50E		0.54	0.002	0.16	1.33	10.5	<0.2	<10	190	0.30	0.13	0.23	0.08	19.25	7.5	20
FGL025 03+75E		0.49	0.005	0.12	1.75	13.2	<0.2	<10	210	0.35	0.13	0.45	0.11	21.5	10.3	26
FGL025 04+00E		0.54	0.002	0.17	1.57	11.3	<0.2	<10	230	0.38	0.18	0.27	0.14	29.8	7.2	27
FGL025 04+25E		0.47	0.003	0.13	1.68	12.6	<0.2	<10	150	0.42	0.14	0.30	0.11	24.4	8.4	28
FGL025 04+50E		0.55	0.004	0.07	1.84	15.1	<0.2	<10	190	0.48	0.13	0.33	0.11	26.6	9.5	30
FGL025 04+75E		0.55	0.005	0.12	1.57	14.8	<0.2	<10	150	0.33	0.15	0.22	0.13	20.7	7.3	27
FGL025 05+00E		0.53	0.005	0.22	1.61	22.1	<0.2	<10	180	0.36	0.16	0.22	0.12	27.3	6.3	27
FGL025 05+25E		0.43	0.005	0.25	1.63	21.8	<0.2	<10	190	0.32	0.12	0.50	0.12	22.3	8.1	27
FGL025 05+50E		0.56	0.003	0.12	1.66	18.7	<0.2	<10	170	0.31	0.14	0.26	0.12	22.7	7.7	27
FGL025 05+75E		0.54	0.004	0.11	1.20	35.8	<0.2	<10	130	0.28	0.08	0.23	0.17	17.70	6.6	21
FGL025 06+00E		0.67	0.008	0.11	1.68	31.2	<0.2	<10	190	0.43	0.13	0.29	0.14	25.5	7.9	32
FGL025 06+25E		0.47	0.009	0.35	1.68	44.2	<0.2	<10	190	0.39	0.13	0.21	0.27	21.2	7.7	30
FGL025 06+50E		0.55	0.004	0.35	1.38	27.2	<0.2	<10	190	0.34	0.14	0.20	0.24	19.95	6.3	23
FGL025 06+75E		0.45	0.005	0.21	1.26	15.0	<0.2	<10	160	0.32	0.11	0.28	0.19	24.6	7.8	27
FGL025 07+00E		0.44	0.002	0.32	0.95	11.4	<0.2	<10	180	0.32	0.09	0.27	0.36	17.95	5.4	15
FGL025 07+25E		0.34	0.002	0.23	0.64	4.3	<0.2	<10	170	0.19	0.05	0.31	0.23	13.25	5.0	9
FGL025 07+50E		0.37	0.002	0.21	1.04	9.3	<0.2	<10	200	0.32	0.08	0.29	0.12	19.90	5.9	16
FGL025 07+75E		0.57	0.019	0.13	1.60	17.1	<0.2	<10	330	0.41	0.14	0.42	0.15	25.7	9.3	28
FGL025 08+00E		0.37	0.003	0.09	1.21	11.4	<0.2	<10	220	0.39	0.08	0.49	0.18	24.0	8.1	21
FGL025 08+25E		0.29	0.002	0.17	1.01	6.0	<0.2	<10	230	0.35	0.07	0.45	0.08	19.15	5.1	13
FGL025 08+50E		0.49	0.002	0.05	1.46	14.8	<0.2	<10	220	0.29	0.10	0.43	0.10	17.40	7.1	25
FGL025 08+75E		0.45	0.006	0.05	1.31	11.7	<0.2	<10	280	0.29	0.09	0.53	0.09	18.10	7.2	23
FGL025 09+00E		0.54	0.003	0.17	1.64	19.3	<0.2	<10	530	0.50	0.12	0.58	0.17	25.5	9.9	28
FGL025 09+25E		0.57	0.007	0.06	1.71	14.8	<0.2	<10	360	0.34	0.11	0.37	0.12	21.1	8.6	29
FGL025 09+50E		0.40	0.010	0.09	1.37	35.9	<0.2	<10	300	0.25	0.10	0.35	0.12	16.80	6.6	23
FGL025 09+75E		0.66	0.005	0.06	1.42	25.9	<0.2	<10	390	0.33	0.12	0.26	0.12	18.25	7.4	24
FGL025 10+00E		0.54	0.068	0.29	1.73	187.5	<0.2	<10	600	0.46	0.11	0.54	0.23	17.45	7.6	23
FGL025 10+25E		0.48	0.007	0.07	1.31	89.9	<0.2	<10	180	0.30	0.16	0.22	0.20	20.1	11.7	24
FGL029 00+00		0.51	0.003	0.12	1.14	9.3	<0.2	<10	200	0.35	0.08	0.26	0.11	16.40	5.3	19
FGL029 00+25E		0.67	0.002	0.03	1.14	13.2	<0.2	<10	200	0.27	0.10	0.35	0.12	19.90	6.7	22
FGL029 00+50E		0.51	0.002	0.05	1.43	14.3	<0.2	<10	270	0.29	0.13	0.38	0.07	17.35	6.9	23
FGL029 00+75E		0.38	0.003	0.11	1.55	9.3	<0.2	<10	320	0.37	0.12	0.39	0.10	17.30	11.1	23
FGL029 01+00E		0.53	0.002	0.09	1.48	11.4	<0.2	<10	290	0.37	0.10	0.38	0.14	19.85	9.3	23

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Finalized Date: 20- SEP- 2013
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Project: ALSM- CW13- 0422- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13157932

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
FGL025 01+75E		3.88	21.5	3.11	7.50	<0.05	0.02	0.02	0.028	0.07	10.3	15.8	0.49	284	1.33	0.01
FGL025 02+00E		1.66	16.6	2.11	4.40	<0.05	0.02	0.02	0.021	0.06	8.3	9.4	0.41	243	0.68	0.01
FGL025 02+25E		2.67	19.3	2.25	5.72	<0.05	0.02	0.01	0.023	0.06	7.3	10.4	0.36	344	0.98	0.02
FGL025 02+50E		3.24	24.7	2.68	6.37	<0.05	0.06	0.02	0.024	0.07	8.2	11.2	0.36	311	1.15	0.01
FGL025 02+75E		2.33	14.5	1.56	5.21	<0.05	<0.02	0.01	0.014	0.05	11.0	5.7	0.22	141	0.73	0.02
FGL025 03+00E		2.61	16.7	2.52	6.35	<0.05	<0.02	0.02	0.022	0.07	11.2	13.1	0.44	294	0.89	0.02
FGL025 03+25E		2.28	16.9	2.31	6.20	<0.05	<0.02	0.01	0.022	0.07	9.9	11.3	0.43	269	0.88	0.01
FGL025 03+50E		2.39	19.5	2.33	5.79	<0.05	<0.02	0.01	0.020	0.05	9.2	10.1	0.37	376	0.86	0.02
FGL025 03+75E		3.88	19.5	3.01	6.59	<0.05	0.02	0.01	0.031	0.07	10.3	14.6	0.58	534	0.88	0.01
FGL025 04+00E		2.16	22.7	2.24	6.84	<0.05	<0.02	0.02	0.026	0.06	14.9	11.0	0.47	281	0.91	0.01
FGL025 04+25E		2.07	18.8	2.51	5.43	<0.05	0.02	0.01	0.026	0.08	11.0	11.5	0.52	283	0.71	0.01
FGL025 04+50E		2.55	21.5	2.74	5.85	<0.05	0.03	0.01	0.027	0.12	12.4	12.7	0.62	341	0.62	0.01
FGL025 04+75E		2.21	14.9	2.61	6.61	<0.05	<0.02	0.01	0.027	0.08	10.2	11.7	0.49	289	0.87	0.01
FGL025 05+00E		2.57	16.2	2.47	6.55	<0.05	<0.02	0.02	0.025	0.07	15.5	12.4	0.46	199	0.79	0.01
FGL025 05+25E		2.32	21.3	2.41	5.58	<0.05	<0.02	0.03	0.025	0.09	10.6	10.6	0.46	318	0.75	0.02
FGL025 05+50E		2.26	14.8	2.54	5.97	<0.05	0.02	0.01	0.026	0.07	11.6	13.0	0.54	287	0.71	0.01
FGL025 05+75E		2.59	15.2	2.10	4.35	<0.05	<0.02	0.02	0.020	0.06	8.8	7.8	0.38	366	0.77	0.02
FGL025 06+00E		2.82	22.1	2.62	5.27	<0.05	0.04	0.01	0.026	0.08	12.6	11.7	0.55	332	0.81	0.01
FGL025 06+25E		4.59	21.8	2.68	5.80	<0.05	<0.02	0.04	0.027	0.07	11.0	11.2	0.43	393	1.48	0.01
FGL025 06+50E		3.77	20.8	2.18	5.47	<0.05	<0.02	0.05	0.022	0.06	10.7	9.8	0.35	303	1.77	0.01
FGL025 06+75E		2.39	20.2	2.19	4.86	<0.05	<0.02	0.03	0.021	0.06	12.8	10.0	0.40	312	0.95	0.02
FGL025 07+00E		2.13	24.1	1.38	3.62	<0.05	<0.02	0.10	0.016	0.05	10.1	4.8	0.21	302	0.92	0.03
FGL025 07+25E		1.36	14.7	1.00	2.33	<0.05	<0.02	0.07	0.009	0.04	6.6	2.7	0.13	370	0.48	0.04
FGL025 07+50E		1.61	20.3	1.68	3.78	<0.05	<0.02	0.04	0.018	0.05	10.0	6.1	0.29	285	0.64	0.03
FGL025 07+75E		2.15	26.3	2.48	5.72	<0.05	0.02	0.03	0.029	0.06	13.2	12.2	0.52	391	1.14	0.02
FGL025 08+00E		1.27	19.8	1.95	3.98	<0.05	0.02	0.03	0.017	0.05	9.4	9.2	0.42	505	0.67	0.02
FGL025 08+25E		1.09	19.6	1.46	3.46	<0.05	0.02	0.05	0.011	0.04	10.6	3.8	0.15	302	0.63	0.03
FGL025 08+50E		1.39	16.7	2.23	4.75	<0.05	0.03	0.01	0.020	0.05	8.2	13.0	0.52	280	0.61	0.01
FGL025 08+75E		1.30	14.9	2.16	4.31	<0.05	0.03	0.02	0.020	0.05	8.7	11.0	0.50	407	0.54	0.02
FGL025 09+00E		1.64	22.0	2.64	5.21	0.05	0.03	0.06	0.026	0.06	13.4	11.3	0.51	447	0.71	0.01
FGL025 09+25E		1.61	16.8	2.53	5.19	<0.05	0.03	0.02	0.023	0.06	10.6	13.7	0.60	375	0.51	0.01
FGL025 09+50E		1.70	16.5	2.18	4.76	<0.05	<0.02	0.03	0.019	0.05	8.3	9.6	0.44	327	0.60	0.01
FGL025 09+75E		3.74	13.1	2.43	5.60	<0.05	<0.02	0.02	0.020	0.06	10.0	9.4	0.42	411	0.88	0.01
FGL025 10+00E		6.62	18.0	2.43	4.96	<0.05	0.02	0.60	0.026	0.08	9.9	9.8	0.33	421	0.90	0.02
FGL025 10+25E		3.31	11.0	2.68	5.18	<0.05	<0.02	0.10	0.019	0.08	10.4	9.9	0.46	706	0.91	0.01
FGL029 00+00		1.74	13.8	1.65	3.58	<0.05	<0.02	0.02	0.014	0.05	7.5	7.2	0.33	252	0.37	0.02
FGL029 00+25E		3.37	12.4	2.16	4.15	<0.05	0.02	0.01	0.015	0.07	8.9	10.0	0.44	362	0.50	0.01
FGL029 00+50E		2.77	13.3	2.34	5.24	<0.05	0.02	0.01	0.019	0.05	8.1	10.8	0.45	351	0.66	0.01
FGL029 00+75E		2.14	18.5	2.19	5.11	<0.05	0.02	0.04	0.020	0.04	8.3	9.1	0.35	661	0.80	0.02
FGL029 01+00E		2.21	15.6	2.51	4.54	<0.05	0.03	0.05	0.018	0.04	10.0	9.1	0.41	584	0.68	0.02

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

ALS Canada Ltd.
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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 20- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 0422- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13157932

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
FGL025 01+75E		1.84	17.6	410	9.9	13.3	<0.001	0.01	0.97	3.6	0.3	0.6	19.9	<0.01	0.04	2.2
FGL025 02+00E		1.29	16.6	280	7.2	9.0	<0.001	0.01	0.72	2.9	0.2	0.4	14.8	<0.01	0.01	2.7
FGL025 02+25E		1.43	13.1	260	7.1	11.7	<0.001	0.01	0.85	2.8	<0.2	0.4	20.1	<0.01	0.02	1.9
FGL025 02+50E		1.40	11.8	320	9.1	16.9	<0.001	0.01	1.18	3.0	0.2	0.5	17.9	<0.01	0.02	1.7
FGL025 02+75E		1.07	7.4	280	5.8	11.6	<0.001	0.01	0.38	2.5	0.3	0.4	16.1	<0.01	0.02	0.9
FGL025 03+00E		1.33	11.8	450	7.6	12.3	<0.001	0.01	1.29	3.4	0.3	0.5	16.7	<0.01	0.02	1.4
FGL025 03+25E		1.19	12.9	470	7.2	13.4	<0.001	0.01	0.56	2.7	0.3	0.4	17.5	<0.01	0.02	0.7
FGL025 03+50E		1.05	10.7	460	6.5	12.0	<0.001	0.01	0.47	2.6	<0.2	0.4	17.6	<0.01	0.01	1.3
FGL025 03+75E		1.30	15.5	610	7.2	14.4	<0.001	0.01	0.79	4.3	0.3	0.4	25.5	<0.01	0.02	2.5
FGL025 04+00E		1.25	14.6	280	8.5	12.3	<0.001	0.01	0.68	3.7	0.4	0.5	21.3	<0.01	0.01	1.3
FGL025 04+25E		1.38	17.4	560	7.2	9.5	<0.001	0.01	0.73	3.7	0.4	0.4	20.1	<0.01	0.03	2.4
FGL025 04+50E		1.33	20.4	780	7.1	13.4	<0.001	0.01	0.85	4.7	0.3	0.4	21.7	<0.01	0.02	3.6
FGL025 04+75E		1.47	13.3	430	7.9	13.3	<0.001	0.01	0.63	3.8	<0.2	0.5	16.7	<0.01	0.01	2.0
FGL025 05+00E		1.53	14.7	300	9.2	12.0	<0.001	0.01	0.76	4.5	0.5	0.6	18.0	<0.01	0.02	2.2
FGL025 05+25E		0.88	17.7	610	7.4	10.7	<0.001	0.02	0.86	3.2	0.4	0.4	32.2	<0.01	0.02	0.7
FGL025 05+50E		1.42	15.5	480	10.2	9.8	<0.001	0.01	0.83	4.0	0.3	0.5	18.1	<0.01	0.02	3.0
FGL025 05+75E		0.68	12.2	450	13.1	9.2	<0.001	0.01	1.27	2.6	0.3	0.3	17.1	<0.01	0.01	0.5
FGL025 06+00E		1.20	20.8	600	11.7	10.2	<0.001	0.01	1.07	4.6	0.4	0.4	19.2	<0.01	0.01	4.0
FGL025 06+25E		1.00	17.1	510	25.0	11.5	<0.001	0.01	1.50	3.6	0.4	0.4	18.8	<0.01	0.03	1.1
FGL025 06+50E		1.00	14.5	480	14.5	13.1	<0.001	0.02	1.35	3.1	0.4	0.4	18.1	<0.01	0.02	1.1
FGL025 06+75E		0.93	15.2	490	6.8	9.2	<0.001	0.01	0.53	3.1	0.3	0.3	22.1	<0.01	0.01	1.3
FGL025 07+00E		0.40	10.1	650	6.4	7.2	<0.001	0.04	0.47	1.4	0.5	0.2	23.5	<0.01	0.01	<0.2
FGL025 07+25E		0.37	7.1	570	3.1	4.4	<0.001	0.03	0.33	1.8	0.4	<0.2	24.7	<0.01	0.01	0.2
FGL025 07+50E		0.53	10.6	660	5.3	6.2	<0.001	0.04	0.45	2.0	0.4	0.2	23.2	<0.01	0.01	0.2
FGL025 07+75E		1.16	18.2	620	9.0	8.7	<0.001	0.02	0.60	4.5	0.6	0.4	31.1	<0.01	0.02	1.7
FGL025 08+00E		0.80	14.2	690	6.2	5.9	<0.001	0.02	0.72	3.0	0.5	0.3	32.8	<0.01	0.02	1.1
FGL025 08+25E		0.50	8.6	720	3.2	4.9	<0.001	0.04	0.35	2.2	0.6	0.2	33.6	<0.01	0.01	0.5
FGL025 08+50E		1.05	15.6	570	6.0	7.0	<0.001	<0.01	0.63	3.2	0.3	0.4	26.7	<0.01	0.02	1.7
FGL025 08+75E		0.91	12.9	670	5.9	7.1	<0.001	<0.01	0.58	3.0	0.3	0.3	31.8	<0.01	0.02	1.5
FGL025 09+00E		0.93	17.0	780	8.5	7.7	<0.001	0.01	0.82	5.0	0.5	0.4	39.4	<0.01	0.02	1.8
FGL025 09+25E		0.96	15.4	670	6.6	7.8	<0.001	<0.01	0.58	4.0	0.3	0.4	24.6	<0.01	0.01	2.0
FGL025 09+50E		0.85	12.1	600	6.4	7.8	<0.001	<0.01	0.58	2.8	0.2	0.4	24.5	<0.01	<0.01	1.1
FGL025 09+75E		1.06	11.3	330	9.0	8.7	<0.001	<0.01	0.66	3.4	0.2	0.5	20.0	<0.01	0.02	1.3
FGL025 10+00E		0.63	12.1	630	46.6	10.2	<0.001	0.03	1.57	4.6	0.6	0.3	45.9	<0.01	0.01	1.2
FGL025 10+25E		1.29	12.8	430	15.8	12.5	<0.001	<0.01	1.13	3.1	0.2	0.4	18.7	<0.01	0.02	1.5
FGL029 00+00		0.66	10.8	630	7.0	6.0	<0.001	<0.01	0.51	2.2	0.4	0.3	18.3	<0.01	<0.01	0.7
FGL029 00+25E		0.88	13.9	770	10.2	7.8	<0.001	<0.01	0.97	2.7	0.2	0.4	21.0	<0.01	0.02	1.9
FGL029 00+50E		1.01	13.2	660	7.7	7.2	<0.001	<0.01	0.85	2.9	0.3	0.4	24.2	<0.01	0.01	1.8
FGL029 00+75E		0.63	11.7	1100	7.1	5.6	<0.001	0.03	0.57	2.1	0.6	0.4	29.0	<0.01	0.01	0.4
FGL029 01+00E		0.75	12.1	1030	7.5	5.7	<0.001	0.03	0.75	2.7	0.6	0.3	27.7	<0.01	0.01	0.8

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

ALS Canada Ltd.
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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 20- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 0422- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13157932

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
FGL025 01+75E		0.083	0.12	0.47	71	0.20	4.15	58	0.8
FGL025 02+00E		0.071	0.09	0.50	47	0.18	2.90	44	0.9
FGL025 02+25E		0.070	0.11	0.38	56	0.15	2.62	47	0.9
FGL025 02+50E		0.064	0.11	0.42	64	0.16	3.12	58	0.6
FGL025 02+75E		0.072	0.08	0.43	47	0.11	4.93	30	<0.5
FGL025 03+00E		0.075	0.10	0.49	62	0.22	4.88	49	<0.5
FGL025 03+25E		0.073	0.10	0.47	57	0.42	4.40	47	0.5
FGL025 03+50E		0.075	0.09	0.41	61	0.13	3.96	46	0.5
FGL025 03+75E		0.080	0.12	0.44	65	0.16	4.82	67	0.9
FGL025 04+00E		0.061	0.11	0.65	58	0.47	6.66	48	<0.5
FGL025 04+25E		0.075	0.11	0.54	55	0.17	5.40	52	0.7
FGL025 04+50E		0.090	0.14	0.60	57	0.16	6.13	66	1.2
FGL025 04+75E		0.085	0.12	0.46	63	0.17	4.02	54	0.6
FGL025 05+00E		0.078	0.13	0.58	59	0.17	7.49	52	0.5
FGL025 05+25E		0.068	0.13	0.62	53	0.15	5.45	61	<0.5
FGL025 05+50E		0.075	0.14	0.48	57	0.15	4.32	65	0.9
FGL025 05+75E		0.060	0.12	0.46	46	0.10	4.07	73	<0.5
FGL025 06+00E		0.071	0.14	0.67	55	0.19	5.38	69	1.4
FGL025 06+25E		0.049	0.17	0.66	59	0.16	4.92	96	<0.5
FGL025 06+50E		0.039	0.17	0.60	51	0.15	5.16	81	<0.5
FGL025 06+75E		0.069	0.10	0.63	53	0.12	5.35	56	<0.5
FGL025 07+00E		0.031	0.08	1.40	33	0.11	6.54	41	<0.5
FGL025 07+25E		0.032	0.06	0.49	26	0.05	6.23	30	<0.5
FGL025 07+50E		0.042	0.08	0.76	39	0.12	7.16	39	<0.5
FGL025 07+75E		0.058	0.11	0.74	58	0.72	8.74	58	0.6
FGL025 08+00E		0.055	0.07	0.51	45	0.10	5.43	50	0.8
FGL025 08+25E		0.041	0.06	0.57	36	0.07	6.30	29	0.8
FGL025 08+50E		0.059	0.08	0.39	51	0.75	3.74	56	0.9
FGL025 08+75E		0.057	0.08	0.40	48	0.13	3.94	53	1.0
FGL025 09+00E		0.050	0.09	0.76	56	0.13	8.27	59	1.0
FGL025 09+25E		0.059	0.10	0.52	56	0.13	4.67	64	0.9
FGL025 09+50E		0.051	0.09	0.43	52	0.19	3.90	53	<0.5
FGL025 09+75E		0.047	0.17	0.39	59	0.13	3.52	54	<0.5
FGL025 10+00E		0.021	0.45	0.67	44	0.23	6.52	100	0.6
FGL025 10+25E		0.062	0.18	0.36	62	0.16	3.95	80	0.5
FGL029 00+00		0.044	0.09	0.41	38	0.10	3.99	43	<0.5
FGL029 00+25E		0.054	0.09	0.37	46	0.11	3.94	66	0.8
FGL029 00+50E		0.046	0.12	0.39	53	0.28	3.38	52	0.9
FGL029 00+75E		0.038	0.11	0.67	53	0.14	4.26	44	0.5
FGL029 01+00E		0.037	0.11	0.80	51	0.12	5.82	51	0.8

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

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 20- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 0422- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13157932

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- TL44 Au ppm 0.001	ME- MS41 Ag ppm 0.01	ME- MS41 Al % 0.01	ME- MS41 As ppm 0.1	ME- MS41 Au ppm 0.2	ME- MS41 B ppm 10	ME- MS41 Ba ppm 10	ME- MS41 Be ppm 0.05	ME- MS41 Bi ppm 0.01	ME- MS41 Ca % 0.01	ME- MS41 Cd ppm 0.01	ME- MS41 Ce ppm 0.02	ME- MS41 Co ppm 0.1	ME- MS41 Cr ppm 1
FGL029 01+25E		0.38	0.002	0.17	1.61	6.8	<0.2	<10	430	0.56	0.10	0.69	0.33	22.3	7.7	22
FGL029 01+50E		0.33	<0.001	0.05	0.38	1.0	<0.2	<10	140	0.11	0.03	0.36	0.06	5.11	3.2	5
FGL029 01+75E		0.26	0.001	0.05	0.64	1.9	<0.2	<10	220	0.16	0.05	0.48	0.11	7.52	2.1	8
FGL029 02+00E		0.52	0.001	0.07	0.69	2.4	<0.2	<10	210	0.19	0.05	0.46	0.06	6.95	2.4	8
FGL029 02+25E		0.43	0.001	0.08	0.62	1.6	<0.2	<10	280	0.19	0.05	0.41	0.10	7.37	2.8	7
FGL029 02+50E		0.48	0.005	0.24	1.74	12.0	<0.2	<10	760	0.54	0.11	0.72	0.40	22.1	8.4	28
FGL029 02+75E		0.48	0.006	0.24	1.94	12.4	<0.2	<10	1010	0.69	0.13	0.64	0.37	28.7	13.4	31
FGL029 03+00E		0.65	0.004	0.15	1.75	11.7	<0.2	<10	650	0.62	0.11	0.50	0.25	26.4	8.1	28
FGL029 03+25E		0.40	0.001	0.15	0.62	1.1	<0.2	<10	560	0.31	0.03	0.85	0.26	11.70	2.9	4
FGL029 03+50E		0.43	0.004	0.18	1.63	7.3	<0.2	<10	1080	0.62	0.10	0.87	0.49	28.5	11.1	24
FGL029 03+75E		0.80	0.017	0.12	1.63	24.3	<0.2	<10	920	0.52	0.11	0.75	0.21	25.5	8.4	27
FGL029 04+00E		0.87	0.041	0.06	1.42	35.0	<0.2	<10	760	0.38	0.10	0.48	0.15	19.70	8.6	24
FGL029 04+25E		0.44	0.008	0.06	1.21	11.4	<0.2	<10	810	0.38	0.07	0.41	0.09	21.0	5.7	20
FGL029 04+50E		0.46	0.003	0.08	0.84	4.6	<0.2	<10	620	0.32	0.06	0.57	0.24	14.65	5.1	11
FGL029 04+75E		0.56	0.003	0.04	1.20	11.1	<0.2	<10	360	0.28	0.08	0.42	0.10	18.15	6.6	21
FGL029 05+00E		0.29	0.006	0.14	1.67	11.0	<0.2	<10	900	0.45	0.09	1.05	0.24	19.60	5.9	20
FGL033 00+00		0.41	0.002	0.05	1.04	12.3	<0.2	<10	460	0.26	0.07	0.64	0.13	12.15	4.5	14
FGL033 00+25W		0.54	0.004	0.08	1.32	11.0	<0.2	<10	560	0.40	0.08	0.60	0.20	19.60	6.5	20
FGL033 00+50W		0.41	0.002	0.09	1.30	8.3	<0.2	<10	530	0.34	0.10	0.63	0.19	16.45	5.9	19
FGL033 00+75W		0.62	0.002	0.09	1.21	9.9	<0.2	<10	350	0.33	0.10	0.41	0.14	15.70	5.9	18
FGL033 01+00W		0.47	0.002	0.04	1.59	12.8	<0.2	<10	380	0.40	0.09	0.51	0.14	20.7	7.7	24
FGL033 01+25W		0.43	0.006	0.11	1.17	7.6	<0.2	<10	350	0.29	0.07	0.80	0.29	16.95	6.1	16
FGL033 01+50W		0.31	0.004	0.26	1.26	21.4	<0.2	<10	450	0.56	0.07	0.82	0.45	23.8	6.6	18
FGL033 01+75W		0.43	0.010	0.24	1.34	114.5	<0.2	<10	520	0.42	0.09	0.78	0.60	19.10	6.2	20
FGL033 02+00W		0.55	0.082	0.25	1.16	299	<0.2	<10	520	0.51	0.08	0.68	0.43	24.0	7.5	23
FGL033 02+25W		0.63	0.038	0.27	1.42	133.0	<0.2	<10	590	0.50	0.08	0.70	0.20	25.2	7.5	21
FGL033 02+50W		0.55	0.013	0.39	1.39	74.0	<0.2	<10	420	0.49	0.09	0.68	0.41	19.50	6.6	21
FGL033 02+75W		0.45	0.011	0.50	1.33	61.8	<0.2	<10	290	0.40	0.07	0.69	0.45	17.95	6.2	19
FGL033 03+00W		0.38	0.027	1.26	1.10	60.3	<0.2	<10	250	0.41	0.10	0.59	0.98	16.20	6.4	15
FGL033 03+25W		0.52	0.015	0.70	1.12	57.5	<0.2	<10	270	0.47	0.18	0.47	0.82	15.10	4.3	18
FGL033 03+50W		0.54	0.013	0.44	1.74	50.6	<0.2	<10	250	0.47	0.07	0.47	0.31	42.0	6.8	52
FGL033 03+75W		0.38	0.008	0.42	1.18	38.5	<0.2	<10	200	0.32	0.08	0.66	0.44	22.8	5.5	18
FGL033 04+00W		0.50	0.030	1.41	2.05	193.0	<0.2	<10	290	0.55	0.08	0.53	0.56	40.3	9.2	55
FGL033 04+25W		0.63	0.026	3.21	1.76	131.5	<0.2	<10	230	0.35	0.07	0.18	0.32	22.7	5.2	37
FGL033 04+50W		0.55	0.007	0.36	2.03	82.0	<0.2	<10	300	0.42	0.07	0.41	0.57	32.7	8.5	53
FGL033 04+75W		0.48	0.008	0.54	1.95	44.0	<0.2	<10	380	0.42	0.09	0.26	0.23	39.3	8.3	28
FGL033 05+00W		0.64	0.004	0.23	2.43	91.7	<0.2	<10	270	0.60	0.05	0.70	0.31	43.3	11.8	35
CSFGS001		0.46	0.018	0.73	1.41	155.5	<0.2	<10	190	0.37	0.07	0.41	0.37	22.3	8.4	26
FGL034 00+00		0.60	0.016	0.15	1.63	149.5	<0.2	<10	220	0.39	0.15	0.33	0.19	18.90	6.7	30
FGL034 00+25E		0.56	0.009	0.37	1.73	109.0	<0.2	<10	300	0.60	0.10	0.48	0.28	25.3	8.0	31

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

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 20- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 0422- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13157932

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
FGL029 01+25E		4.11	27.0	2.31	4.73	<0.05	0.04	0.08	0.024	0.05	11.5	8.7	0.37	842	0.50	0.02
FGL029 01+50E		0.60	7.5	1.06	2.06	<0.05	<0.02	0.02	<0.005	0.02	2.6	1.0	0.07	191	0.22	0.04
FGL029 01+75E		1.29	9.2	0.71	2.17	<0.05	<0.02	0.05	0.007	0.04	3.6	2.6	0.12	121	0.29	0.03
FGL029 02+00E		1.48	9.2	0.84	2.58	<0.05	<0.02	0.03	0.007	0.03	3.4	3.6	0.14	118	0.20	0.03
FGL029 02+25E		0.94	14.8	0.96	2.45	<0.05	0.02	0.04	0.008	0.03	3.9	1.7	0.09	176	0.32	0.03
FGL029 02+50E		5.25	21.1	3.17	5.63	<0.05	0.05	0.09	0.029	0.07	11.7	10.7	0.43	524	0.37	0.01
FGL029 02+75E		6.64	26.8	3.19	5.56	0.05	0.06	0.10	0.030	0.09	16.6	11.8	0.50	1010	0.47	0.01
FGL029 03+00E		5.11	14.6	2.50	5.39	<0.05	0.04	0.05	0.024	0.07	15.8	12.1	0.54	596	0.33	0.01
FGL029 03+25E		0.68	22.4	0.56	1.34	<0.05	0.03	0.07	0.005	0.02	6.6	0.7	0.06	359	0.26	0.03
FGL029 03+50E		4.20	23.2	2.26	4.82	<0.05	0.06	0.12	0.025	0.06	15.7	8.5	0.40	1550	0.38	0.02
FGL029 03+75E		4.10	17.5	2.53	5.11	<0.05	0.05	0.08	0.023	0.08	12.6	9.8	0.48	522	0.47	0.02
FGL029 04+00E		2.67	12.6	2.28	4.37	<0.05	0.04	0.05	0.021	0.07	10.3	10.0	0.46	560	0.34	0.01
FGL029 04+25E		2.08	12.0	2.00	3.63	<0.05	0.03	0.04	0.017	0.07	11.3	8.2	0.42	261	0.27	0.01
FGL029 04+50E		1.19	16.5	1.20	2.85	<0.05	0.03	0.04	0.010	0.04	6.9	3.5	0.19	842	0.37	0.03
FGL029 04+75E		1.64	9.9	1.92	4.04	<0.05	0.02	0.01	0.015	0.06	8.5	9.8	0.46	367	0.36	0.01
FGL029 05+00E		2.39	19.4	1.75	4.22	<0.05	0.04	0.05	0.017	0.09	10.3	7.6	0.32	370	0.45	0.03
FGL033 00+00		3.12	12.0	1.28	3.35	<0.05	0.02	0.04	0.012	0.06	5.8	6.9	0.26	285	0.38	0.03
FGL033 00+25W		5.81	12.2	2.12	4.22	<0.05	0.02	0.08	0.020	0.08	10.1	8.1	0.37	402	0.38	0.03
FGL033 00+50W		2.80	14.4	1.72	4.35	<0.05	0.02	0.03	0.016	0.07	8.2	8.0	0.34	381	0.40	0.03
FGL033 00+75W		3.78	11.3	1.85	4.82	<0.05	<0.02	0.03	0.015	0.07	7.8	9.1	0.37	348	0.38	0.02
FGL033 01+00W		3.98	10.5	2.53	5.84	<0.05	0.02	0.02	0.019	0.06	8.5	13.1	0.56	387	0.40	0.02
FGL033 01+25W		3.32	13.5	1.53	3.99	<0.05	0.03	0.04	0.014	0.06	7.8	7.7	0.30	514	0.40	0.02
FGL033 01+50W		6.19	15.3	2.13	4.36	0.05	0.04	0.11	0.017	0.06	16.0	7.9	0.33	616	0.38	0.02
FGL033 01+75W		5.84	17.5	2.10	4.30	<0.05	0.04	0.14	0.020	0.07	10.8	9.0	0.36	483	0.46	0.01
FGL033 02+00W		4.82	16.5	2.42	3.70	0.05	0.04	0.18	0.021	0.08	14.1	8.5	0.36	536	0.59	0.01
FGL033 02+25W		5.24	17.1	2.17	4.24	<0.05	0.04	0.15	0.019	0.07	14.5	9.0	0.35	520	0.56	0.01
FGL033 02+50W		6.03	20.2	2.12	4.09	<0.05	0.04	0.13	0.021	0.07	10.4	8.6	0.34	471	0.70	0.01
FGL033 02+75W		4.60	18.4	2.10	3.97	<0.05	0.04	0.11	0.017	0.06	8.8	7.4	0.31	441	0.83	0.02
FGL033 03+00W		6.13	20.9	1.42	3.38	<0.05	0.02	0.14	0.014	0.06	7.5	5.4	0.19	923	1.11	0.02
FGL033 03+25W		9.38	15.8	1.68	3.71	<0.05	0.02	0.11	0.016	0.07	8.6	6.0	0.22	346	1.47	0.02
FGL033 03+50W		10.25	18.4	2.74	6.65	0.05	<0.02	0.09	0.030	0.18	25.0	11.8	0.51	467	1.09	0.02
FGL033 03+75W		5.47	15.6	1.75	4.48	<0.05	0.02	0.08	0.017	0.07	15.2	6.8	0.25	345	0.86	0.02
FGL033 04+00W		10.90	29.1	3.46	7.32	0.07	0.02	0.19	0.037	0.11	26.7	12.6	0.66	619	3.10	0.01
FGL033 04+25W		8.17	31.3	2.41	6.52	0.05	<0.02	0.22	0.024	0.15	12.1	7.6	0.43	197	1.60	0.02
FGL033 04+50W		5.21	26.6	3.19	7.25	0.06	0.02	0.04	0.029	0.33	17.5	13.3	0.87	418	0.87	0.01
FGL033 04+75W		4.67	24.6	3.12	8.19	0.06	<0.02	0.07	0.033	0.26	22.0	9.3	0.67	954	1.16	0.02
FGL033 05+00W		8.20	26.5	4.31	8.87	0.08	<0.02	0.04	0.039	0.63	22.1	14.8	0.92	782	0.82	0.02
CSFGS001		6.83	17.4	2.48	5.27	<0.05	<0.02	0.14	0.023	0.07	13.0	8.6	0.32	944	1.47	0.02
FGL034 00+00		5.20	16.5	2.64	4.59	<0.05	0.03	0.04	0.021	0.07	8.7	11.9	0.50	280	2.24	0.01
FGL034 00+25E		6.01	25.4	2.96	5.54	0.05	0.02	0.12	0.029	0.08	14.7	13.9	0.62	343	2.10	0.01

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

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 20- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 0422- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13157932

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
FGL029 01+25E		0.58	11.2	1610	8.2	6.3	<0.001	0.08	0.96	2.6	1.0	0.3	53.0	<0.01	0.01	0.6
FGL029 01+50E		0.29	2.8	590	1.1	1.6	<0.001	0.03	0.21	0.6	0.4	<0.2	34.7	<0.01	<0.01	<0.2
FGL029 01+75E		0.38	4.2	650	2.3	5.2	<0.001	0.05	0.23	0.6	<0.2	<0.2	48.1	<0.01	0.01	<0.2
FGL029 02+00E		0.38	4.2	530	2.6	4.4	<0.001	0.01	0.23	0.8	0.2	0.2	41.1	<0.01	0.01	<0.2
FGL029 02+25E		0.34	4.5	680	1.8	2.7	<0.001	0.05	0.24	0.8	0.2	<0.2	45.9	<0.01	<0.01	<0.2
FGL029 02+50E		0.88	13.6	1240	11.1	10.3	<0.001	0.06	1.00	4.2	0.8	0.4	70.0	<0.01	0.02	1.0
FGL029 02+75E		0.83	18.0	1010	13.5	11.9	<0.001	0.04	0.99	6.1	0.8	0.4	56.2	<0.01	0.02	1.6
FGL029 03+00E		0.77	14.3	690	11.3	12.0	<0.001	0.01	0.77	4.8	0.6	0.4	39.3	<0.01	0.01	1.7
FGL029 03+25E		0.29	7.6	630	1.3	1.6	<0.001	0.09	0.85	0.8	0.6	<0.2	75.9	<0.01	0.01	<0.2
FGL029 03+50E		0.68	14.5	1100	9.1	8.2	<0.001	0.07	1.41	4.1	1.0	0.3	88.1	<0.01	0.01	1.1
FGL029 03+75E		0.76	15.2	910	8.8	9.6	<0.001	0.04	0.96	4.2	0.9	0.4	68.6	<0.01	0.01	1.1
FGL029 04+00E		0.73	13.4	680	8.5	8.3	<0.001	0.01	0.88	3.4	0.3	0.3	39.0	<0.01	0.02	1.5
FGL029 04+25E		0.62	11.1	710	6.9	7.0	<0.001	0.01	0.82	2.9	0.2	0.3	35.2	<0.01	<0.01	1.5
FGL029 04+50E		0.39	7.1	760	3.4	4.4	<0.001	0.04	0.42	1.5	0.4	0.2	61.3	<0.01	0.01	0.4
FGL029 04+75E		0.85	11.1	700	7.0	6.7	<0.001	<0.01	0.64	2.6	0.2	0.3	38.6	<0.01	<0.01	1.7
FGL029 05+00E		0.74	12.5	760	6.4	9.7	0.001	0.06	0.80	2.9	0.3	0.3	131.5	<0.01	<0.01	0.6
FGL033 00+00		0.59	8.0	570	4.0	8.9	<0.001	0.03	0.57	1.8	0.3	0.2	52.9	<0.01	0.01	0.3
FGL033 00+25W		0.66	11.0	730	5.9	9.9	<0.001	0.02	0.69	3.5	0.3	0.3	48.9	<0.01	0.01	0.9
FGL033 00+50W		0.72	10.0	620	6.8	9.3	<0.001	0.03	0.48	2.3	0.2	0.3	55.0	<0.01	0.01	0.5
FGL033 00+75W		0.72	9.3	640	7.0	9.8	<0.001	0.01	0.50	2.4	<0.2	0.3	34.4	<0.01	0.01	0.6
FGL033 01+00W		0.87	12.3	810	7.4	7.8	<0.001	<0.01	0.78	3.7	0.4	0.4	36.7	<0.01	<0.01	1.4
FGL033 01+25W		0.65	8.7	790	7.2	10.5	<0.001	0.06	0.66	2.4	0.4	0.3	76.7	<0.01	0.03	0.5
FGL033 01+50W		0.68	10.3	940	12.8	12.0	<0.001	0.07	1.31	3.6	0.6	0.3	71.7	<0.01	0.02	0.8
FGL033 01+75W		0.72	12.6	860	12.0	14.6	<0.001	0.06	2.38	3.9	0.8	0.3	66.1	<0.01	0.02	1.0
FGL033 02+00W		0.68	13.4	890	13.7	10.1	<0.001	0.04	4.16	5.6	1.0	0.3	50.9	<0.01	0.02	1.8
FGL033 02+25W		0.73	12.5	730	10.4	11.8	<0.001	0.05	2.36	5.0	0.6	0.3	51.4	<0.01	0.01	1.3
FGL033 02+50W		0.75	12.4	810	13.1	11.7	<0.001	0.06	2.91	4.3	0.7	0.3	49.1	<0.01	0.02	1.2
FGL033 02+75W		0.63	11.5	840	13.0	12.3	<0.001	0.07	2.16	3.8	0.8	0.3	50.0	<0.01	0.03	0.9
FGL033 03+00W		0.59	11.6	830	25.8	12.1	<0.001	0.07	1.87	2.5	0.9	0.2	45.1	<0.01	0.04	0.5
FGL033 03+25W		0.59	11.6	770	25.3	15.3	<0.001	0.06	1.98	2.6	0.7	0.3	34.5	<0.01	0.01	0.5
FGL033 03+50W		0.82	21.0	1050	9.2	19.8	<0.001	0.04	2.52	6.3	0.9	0.4	27.1	<0.01	0.01	2.8
FGL033 03+75W		0.70	10.6	850	9.7	14.5	<0.001	0.07	1.32	3.4	0.8	0.3	44.1	<0.01	0.01	1.0
FGL033 04+00W		0.89	24.1	1290	28.2	18.0	<0.001	0.05	5.36	7.8	1.4	0.4	32.6	<0.01	0.05	2.9
FGL033 04+25W		0.67	19.3	930	16.8	13.8	<0.001	0.07	4.34	4.6	1.2	0.4	20.1	<0.01	0.04	0.4
FGL033 04+50W		1.22	22.9	1030	17.4	24.1	<0.001	0.04	3.08	6.3	0.7	0.6	28.2	<0.01	0.03	1.6
FGL033 04+75W		0.68	10.0	1120	9.0	18.4	<0.001	0.06	1.44	5.8	1.0	0.7	21.3	<0.01	0.03	0.3
FGL033 05+00W		0.65	13.2	2550	8.5	38.8	<0.001	0.03	2.73	9.2	0.7	0.5	30.9	<0.01	0.04	2.0
CSFGS001		0.55	11.3	1170	20.8	10.0	0.001	0.08	2.64	3.7	0.8	0.3	25.6	<0.01	0.04	0.4
FGL034 00+00		0.97	20.5	740	11.0	9.8	<0.001	0.02	2.96	3.7	0.6	0.4	22.9	<0.01	0.04	1.7
FGL034 00+25E		0.85	22.3	990	17.4	10.4	<0.001	0.03	2.37	6.4	1.3	0.4	26.5	<0.01	0.04	1.5

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

ALS Canada Ltd.
2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 20- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 0422- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13157932

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
FGL029 01+25E		0.035	0.12	1.04	54	0.08	8.98	57	1.3
FGL029 01+50E		0.046	0.03	0.21	35	<0.05	1.82	19	0.7
FGL029 01+75E		0.024	0.05	0.23	15	0.06	1.83	24	<0.5
FGL029 02+00E		0.029	0.05	0.26	21	0.05	1.83	23	<0.5
FGL029 02+25E		0.032	0.04	0.34	25	0.06	3.00	23	0.6
FGL029 02+50E		0.041	0.16	0.76	62	0.11	8.17	81	1.6
FGL029 02+75E		0.033	0.24	0.93	56	0.13	15.10	105	1.8
FGL029 03+00E		0.036	0.23	0.64	51	0.12	7.22	96	1.1
FGL029 03+25E		0.020	0.05	0.31	10	<0.05	12.00	20	1.2
FGL029 03+50E		0.027	0.19	0.77	46	0.10	15.20	72	1.9
FGL029 03+75E		0.037	0.18	0.60	51	0.14	8.76	75	1.4
FGL029 04+00E		0.035	0.14	0.42	44	0.16	5.27	68	1.1
FGL029 04+25E		0.031	0.09	0.38	38	0.10	6.30	57	0.9
FGL029 04+50E		0.030	0.05	0.35	27	0.06	5.67	39	1.0
FGL029 04+75E		0.049	0.09	0.38	41	0.18	3.57	56	0.7
FGL029 05+00E		0.029	0.12	0.48	31	0.11	7.62	71	1.3
FGL033 00+00		0.029	0.10	0.33	27	0.11	3.87	45	0.7
FGL033 00+25W		0.037	0.10	0.41	40	0.14	7.24	73	0.7
FGL033 00+50W		0.040	0.10	0.42	38	0.11	4.89	54	0.6
FGL033 00+75W		0.045	0.09	0.38	41	0.13	4.18	58	<0.5
FGL033 01+00W		0.056	0.09	0.40	57	0.12	4.57	72	0.6
FGL033 01+25W		0.035	0.11	0.42	36	0.09	5.74	71	0.9
FGL033 01+50W		0.037	0.22	0.69	46	0.10	15.60	110	1.3
FGL033 01+75W		0.032	0.31	0.84	39	0.11	10.00	129	1.2
FGL033 02+00W		0.034	0.26	0.81	41	0.14	10.10	115	1.1
FGL033 02+25W		0.033	0.23	0.81	42	0.12	10.35	87	1.2
FGL033 02+50W		0.034	0.22	0.73	42	0.15	10.25	111	1.3
FGL033 02+75W		0.030	0.17	0.68	42	0.10	7.67	115	1.1
FGL033 03+00W		0.023	0.24	0.65	29	0.09	7.69	125	0.8
FGL033 03+25W		0.028	0.23	0.67	34	0.10	8.15	189	0.5
FGL033 03+50W		0.056	0.23	1.03	62	0.14	13.05	125	<0.5
FGL033 03+75W		0.039	0.17	0.77	40	0.09	8.16	88	0.8
FGL033 04+00W		0.053	0.56	1.52	108	0.10	17.20	200	0.6
FGL033 04+25W		0.062	0.51	1.20	82	0.08	7.06	126	<0.5
FGL033 04+50W		0.119	0.30	0.71	88	0.12	10.25	175	0.6
FGL033 04+75W		0.091	0.21	0.89	86	0.09	12.35	115	<0.5
FGL033 05+00W		0.155	0.41	0.55	105	0.07	13.45	204	<0.5
CSFGS001		0.045	0.26	0.67	63	0.09	8.62	109	<0.5
FGL034 00+00		0.048	0.23	0.48	52	0.26	4.19	109	0.9
FGL034 00+25E		0.056	0.22	0.85	72	0.13	11.35	144	<0.5

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 20- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 0422- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13157932

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- TL44 Au ppm 0.001	ME- MS41 Ag ppm 0.01	ME- MS41 Al % 0.01	ME- MS41 As ppm 0.1	ME- MS41 Au ppm 0.2	ME- MS41 B ppm 10	ME- MS41 Ba ppm 10	ME- MS41 Be ppm 0.05	ME- MS41 Bi ppm 0.01	ME- MS41 Ca % 0.01	ME- MS41 Cd ppm 0.01	ME- MS41 Ce ppm 0.02	ME- MS41 Co ppm 0.1	ME- MS41 Cr ppm 1
FGL034 00+50E		0.58	0.008	0.32	1.69	37.3	<0.2	<10	270	0.44	0.10	0.35	0.20	24.5	8.3	29
FGL034 00+75E		0.55	0.001	0.08	0.69	7.1	<0.2	<10	110	0.17	0.04	0.28	0.22	13.00	3.8	10
FGL034 01+00E		0.60	0.004	0.16	1.70	20.3	<0.2	<10	300	0.42	0.10	0.45	0.34	20.4	8.8	26
FGL034 01+25E		0.52	0.001	0.08	0.25	1.2	<0.2	<10	60	0.07	0.03	0.15	0.10	3.42	1.9	4
FGL034 01+50E		0.55	0.002	0.25	1.37	9.3	<0.2	<10	330	0.48	0.11	0.33	0.10	20.4	5.5	22
FGL034 01+75E		0.64	0.002	0.11	1.19	10.9	<0.2	<10	360	0.35	0.09	0.37	0.12	18.70	5.4	19
FGL034 02+00E		0.43	0.004	0.11	1.61	10.1	<0.2	<10	400	0.42	0.11	0.56	0.23	20.6	7.3	23
FGL034 02+25E		0.63	0.002	0.12	1.14	7.0	<0.2	<10	350	0.32	0.08	0.72	0.25	14.90	5.9	18
FGL034 02+50E		0.50	0.001	0.05	0.92	5.9	<0.2	<10	180	0.21	0.06	0.48	0.11	12.30	5.2	15
FGL034 02+75E		0.53	0.002	0.14	0.97	5.4	<0.2	<10	340	0.23	0.06	0.58	0.18	11.30	3.9	11
FGL034 03+00E		0.41	0.002	0.17	1.15	6.2	<0.2	<10	440	0.37	0.07	0.81	0.18	14.65	4.3	13
FGL034 03+25E		0.52	0.002	0.14	1.33	11.1	<0.2	<10	530	0.37	0.08	0.83	0.30	17.75	7.5	19
FGL034 03+50E		0.46	0.003	0.21	1.16	7.2	<0.2	<10	580	0.41	0.07	0.65	0.31	18.45	5.4	18
FGL034 03+75E		0.58	0.002	0.16	1.07	9.6	<0.2	<10	480	0.40	0.07	0.50	0.22	17.25	4.3	16
FGL034 04+00E		0.57	0.006	0.14	1.26	9.7	<0.2	<10	620	0.53	0.09	0.49	0.28	28.7	9.7	22
FGL034 04+25E		0.68	0.003	0.04	1.15	6.8	<0.2	<10	380	0.35	0.06	0.47	0.18	23.4	7.5	20
FGL034 04+50E		0.38	0.001	0.04	0.51	6.6	<0.2	<10	460	0.19	0.04	0.66	0.51	10.70	7.6	6
FGL034 04+75E		0.57	0.032	0.08	1.22	81.4	<0.2	<10	600	0.40	0.09	0.50	0.13	21.9	7.7	22
FGL034 05+00E		0.47	0.053	0.10	1.23	84.9	<0.2	<10	920	0.41	0.10	0.78	0.26	19.25	10.1	20
FGL027 00+00		0.42	0.018	0.36	1.98	132.5	<0.2	<10	250	0.70	0.15	0.36	0.34	32.9	9.8	38
FGL027 00+25E		0.46	0.009	0.52	2.13	104.0	<0.2	<10	160	0.47	0.17	0.24	0.33	23.0	9.8	39
FGL027 00+50E		0.38	0.008	0.51	1.27	80.9	<0.2	<10	180	0.51	0.14	0.31	0.35	33.5	4.3	25
FGL027 00+75E		0.46	0.003	0.19	1.68	143.5	<0.2	<10	160	0.57	0.09	0.37	0.40	26.2	10.5	27
FGL027 01+00E		0.39	0.011	0.65	1.69	235	<0.2	<10	230	0.72	0.11	0.60	0.45	29.4	8.4	35
FGL027 01+25E		0.33	0.014	1.50	1.65	244	<0.2	<10	250	0.61	0.11	0.42	0.50	26.4	6.6	34
FGL027 01+50E		0.44	0.032	0.84	1.70	400	<0.2	<10	280	0.67	0.14	0.37	0.47	27.1	7.1	38
FGL027 01+75E		0.58	0.006	0.15	1.72	100.5	<0.2	<10	140	0.33	0.14	0.17	0.33	19.95	9.3	33
FGL027 02+00E		0.55	0.007	0.88	1.22	104.0	<0.2	<10	240	0.39	0.12	0.21	0.84	23.9	6.3	20
FGL027 02+25E		0.45	0.009	1.02	1.43	133.5	<0.2	<10	310	0.43	0.12	0.21	0.76	23.1	10.9	23
FGL027 02+50E		0.39	0.016	1.08	1.44	78.1	<0.2	<10	220	0.28	0.09	0.24	0.19	11.85	6.2	20
FGL027 02+75E		0.34	0.008	1.39	1.76	90.8	<0.2	<10	310	0.40	0.10	0.47	0.33	28.6	7.6	22
FGL027 03+00E		0.52	0.010	1.26	1.39	128.5	<0.2	<10	240	0.37	0.09	0.26	0.25	21.8	8.4	18
FGL027 03+25E		0.37	0.007	0.87	1.84	222	<0.2	<10	360	0.56	0.09	0.49	0.65	42.9	18.5	28
FGL027 03+50E		0.31	0.006	1.17	1.53	55.6	<0.2	<10	260	0.37	0.12	0.26	0.31	24.1	13.2	19
FGL027 03+75E		0.52	0.005	0.76	1.15	55.6	<0.2	<10	220	0.28	0.10	0.34	0.31	22.2	6.6	17
FGL027 04+00E		0.18	0.005	0.62	1.27	33.9	<0.2	<10	210	0.33	0.09	0.22	0.32	25.9	7.1	16
FGL027 04+25E		0.53	0.007	0.63	1.96	80.2	<0.2	<10	320	0.42	0.15	0.37	0.31	29.0	10.5	26
FGL027 04+50E		0.46	0.017	0.66	1.50	75.0	<0.2	<10	380	0.42	0.10	0.67	0.33	31.9	6.9	22
FGL027 04+75E		0.39	0.014	0.60	1.73	78.2	<0.2	<10	600	0.62	0.10	0.94	0.92	49.4	10.8	22
FGL027 05+00E		0.56	0.004	0.12	1.63	17.2	<0.2	<10	600	0.62	0.09	0.46	0.21	34.0	10.7	25

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CERTIFICATE OF ANALYSIS WH13157932

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
FGL034 00+50E		3.89	19.8	2.41	4.95	<0.05	0.02	0.05	0.021	0.06	11.9	11.2	0.47	387	1.37	0.01
FGL034 00+75E		1.73	8.8	1.35	2.58	<0.05	0.02	0.02	0.012	0.04	5.7	4.3	0.20	217	0.52	0.03
FGL034 01+00E		3.34	17.3	2.86	5.40	<0.05	0.04	0.04	0.027	0.06	8.9	12.8	0.49	350	0.94	0.01
FGL034 01+25E		0.48	4.6	0.62	1.38	<0.05	<0.02	0.01	<0.005	0.02	1.8	1.1	0.05	119	0.16	0.03
FGL034 01+50E		5.11	19.0	1.87	4.46	<0.05	<0.02	0.06	0.018	0.06	10.3	7.4	0.31	268	0.53	0.02
FGL034 01+75E		5.01	13.4	1.81	3.70	<0.05	0.03	0.05	0.015	0.06	8.7	7.6	0.34	221	0.37	0.02
FGL034 02+00E		4.94	18.2	2.27	5.12	<0.05	0.04	0.05	0.021	0.06	10.5	10.3	0.43	405	0.43	0.02
FGL034 02+25E		2.78	17.3	1.69	3.71	<0.05	0.03	0.05	0.015	0.05	7.2	6.7	0.28	390	0.41	0.02
FGL034 02+50E		1.89	11.5	1.56	3.45	<0.05	0.03	0.01	0.013	0.04	5.5	6.6	0.28	250	0.30	0.02
FGL034 02+75E		3.16	14.3	1.09	3.23	<0.05	0.02	0.05	0.009	0.05	5.8	4.8	0.17	227	0.27	0.03
FGL034 03+00E		2.63	19.3	1.66	3.43	<0.05	0.02	0.06	0.012	0.04	7.7	4.5	0.20	333	0.52	0.03
FGL034 03+25E		2.62	16.8	2.13	4.52	<0.05	0.03	0.06	0.015	0.05	8.6	7.7	0.32	551	0.50	0.02
FGL034 03+50E		2.27	14.3	1.72	3.77	<0.05	0.03	0.04	0.014	0.06	9.5	6.6	0.29	466	0.30	0.03
FGL034 03+75E		3.00	15.9	1.42	3.83	<0.05	0.04	0.05	0.014	0.05	8.0	6.2	0.25	276	0.32	0.02
FGL034 04+00E		2.58	14.7	1.92	4.34	<0.05	0.05	0.04	0.017	0.06	15.4	8.3	0.35	771	0.35	0.01
FGL034 04+25E		2.20	6.7	2.08	4.47	<0.05	0.04	0.02	0.016	0.06	11.9	9.4	0.47	530	0.24	0.01
FGL034 04+50E		0.60	8.8	1.44	2.50	<0.05	0.03	0.02	0.005	0.03	4.0	2.2	0.13	2080	0.47	0.03
FGL034 04+75E		2.90	11.2	2.22	4.13	<0.05	0.06	0.10	0.020	0.07	11.9	8.5	0.44	404	0.43	0.02
FGL034 05+00E		1.99	17.8	1.99	4.16	<0.05	0.07	0.12	0.019	0.06	10.3	7.0	0.32	959	0.51	0.02
FGL027 00+00		5.78	31.6	3.03	5.76	0.05	0.06	0.07	0.031	0.08	17.8	14.2	0.57	473	1.33	0.02
FGL027 00+25E		4.30	18.7	3.27	6.76	<0.05	0.05	0.04	0.031	0.08	11.5	15.8	0.56	403	1.40	0.01
FGL027 00+50E		8.22	23.7	1.88	5.58	0.05	0.03	0.08	0.022	0.06	21.8	5.0	0.23	282	1.18	0.02
FGL027 00+75E		12.15	34.7	4.32	7.40	0.06	0.03	0.04	0.042	0.19	12.3	12.2	0.59	1000	1.67	0.01
FGL027 01+00E		14.40	36.3	2.97	5.97	0.05	0.03	0.12	0.036	0.10	18.6	11.3	0.40	574	1.67	0.02
FGL027 01+25E		14.70	34.8	3.20	5.61	0.06	0.04	0.16	0.033	0.10	17.3	7.9	0.31	413	1.96	0.02
FGL027 01+50E		11.10	35.2	3.01	6.39	0.05	0.03	0.11	0.030	0.11	15.5	9.3	0.37	511	1.91	0.02
FGL027 01+75E		3.85	14.6	2.92	6.12	<0.05	0.04	0.03	0.026	0.09	10.3	13.9	0.48	422	1.18	0.01
FGL027 02+00E		7.35	25.2	1.96	4.60	<0.05	0.03	0.08	0.017	0.06	13.7	7.1	0.25	550	1.14	0.02
FGL027 02+25E		11.95	20.0	2.32	5.59	<0.05	0.03	0.15	0.022	0.08	13.1	7.1	0.22	1140	1.68	0.02
FGL027 02+50E		12.25	12.1	2.09	4.59	<0.05	0.03	0.18	0.020	0.07	7.1	6.4	0.19	471	1.20	0.03
FGL027 02+75E		14.45	16.8	2.52	5.67	0.05	0.03	0.16	0.025	0.08	22.0	7.8	0.22	500	1.54	0.03
FGL027 03+00E		10.30	16.7	2.61	4.48	<0.05	0.04	0.26	0.022	0.06	13.3	6.2	0.17	632	1.59	0.03
FGL027 03+25E		16.10	23.5	3.62	6.59	0.06	0.04	0.12	0.035	0.15	21.7	15.3	0.61	2120	2.48	0.02
FGL027 03+50E		11.85	17.5	2.19	4.71	<0.05	0.04	0.16	0.023	0.06	14.9	7.8	0.26	1290	1.66	0.03
FGL027 03+75E		8.38	11.6	2.11	4.43	<0.05	0.04	0.12	0.018	0.05	14.2	7.6	0.26	968	1.24	0.02
FGL027 04+00E		4.26	16.6	1.63	4.30	<0.05	0.04	0.11	0.017	0.05	14.8	7.0	0.24	587	0.91	0.03
FGL027 04+25E		11.25	18.0	2.73	6.52	0.05	0.06	0.12	0.030	0.07	17.2	17.2	0.52	845	1.72	0.02
FGL027 04+50E		7.43	15.5	2.34	4.68	0.05	0.05	0.18	0.025	0.06	21.0	11.1	0.39	598	0.76	0.02
FGL027 04+75E		7.61	20.4	2.28	4.83	0.07	0.06	0.18	0.024	0.07	26.6	11.3	0.39	1930	0.95	0.02
FGL027 05+00E		3.83	13.0	3.22	5.87	0.05	0.05	0.07	0.024	0.06	21.3	10.4	0.51	895	0.50	0.02

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

ALS Canada Ltd.
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 20- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 0422- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13157932

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
FGL034 00+50E		0.75	20.7	930	22.2	8.8	<0.001	0.03	1.96	4.4	0.8	0.4	21.2	<0.01	0.02	1.5
FGL034 00+75E		0.47	5.9	620	6.9	4.6	<0.001	0.03	0.86	1.7	0.4	0.2	15.4	<0.01	0.02	0.8
FGL034 01+00E		1.08	15.1	700	12.3	8.8	<0.001	0.04	1.44	4.5	0.6	0.4	28.0	<0.01	0.04	2.3
FGL034 01+25E		0.23	2.1	320	1.3	1.9	<0.001	0.03	0.17	0.6	0.2	<0.2	12.5	<0.01	<0.01	<0.2
FGL034 01+50E		0.53	10.5	850	6.8	8.3	<0.001	0.04	1.05	3.8	0.6	0.3	23.9	<0.01	0.03	0.7
FGL034 01+75E		0.68	10.2	640	12.4	9.4	<0.001	0.03	1.30	3.2	0.5	0.3	26.2	<0.01	0.02	1.5
FGL034 02+00E		0.85	11.7	840	11.4	11.6	<0.001	0.05	0.92	3.8	0.5	0.4	43.0	<0.01	0.02	1.3
FGL034 02+25E		0.66	9.8	870	6.1	6.6	<0.001	0.07	0.65	2.0	0.6	0.3	61.5	<0.01	0.01	0.5
FGL034 02+50E		0.66	8.1	580	5.8	5.5	<0.001	0.04	0.48	1.8	0.4	0.2	41.1	<0.01	0.02	0.7
FGL034 02+75E		0.52	6.6	560	4.9	7.7	<0.001	0.05	0.38	1.6	0.5	0.2	54.3	<0.01	0.02	0.2
FGL034 03+00E		0.57	8.2	920	4.7	5.8	<0.001	0.09	0.58	1.6	0.6	0.2	77.2	<0.01	0.01	0.2
FGL034 03+25E		0.77	11.3	860	7.8	8.3	<0.001	0.07	0.67	2.6	0.7	0.3	79.5	<0.01	0.02	0.6
FGL034 03+50E		0.61	9.4	770	10.5	7.5	<0.001	0.06	0.59	2.5	0.6	0.3	56.3	<0.01	0.02	0.7
FGL034 03+75E		0.64	9.4	740	11.1	8.5	<0.001	0.06	0.61	2.2	0.6	0.3	45.4	<0.01	0.01	0.6
FGL034 04+00E		0.76	12.6	650	12.2	9.5	<0.001	0.04	0.75	4.3	0.8	0.3	39.4	<0.01	0.02	1.3
FGL034 04+25E		0.79	10.1	790	8.5	8.5	<0.001	0.03	0.91	3.1	0.4	0.3	33.4	<0.01	0.02	1.9
FGL034 04+50E		0.37	5.4	830	2.6	2.9	<0.001	0.06	0.43	0.8	0.3	<0.2	54.1	<0.01	0.02	0.3
FGL034 04+75E		0.88	13.2	780	7.1	9.2	<0.001	0.03	1.31	3.4	0.5	0.3	42.2	<0.01	0.01	1.4
FGL034 05+00E		0.78	12.5	950	5.8	7.4	<0.001	0.07	0.97	2.7	0.6	0.3	78.0	<0.01	0.02	0.7
FGL027 00+00		1.19	30.2	580	20.9	12.7	<0.001	0.01	3.40	7.4	0.6	0.5	25.1	<0.01	0.03	4.0
FGL027 00+25E		1.69	26.3	460	23.0	14.2	<0.001	0.02	2.49	4.5	0.5	0.5	19.3	<0.01	0.04	2.5
FGL027 00+50E		0.78	13.5	350	15.0	16.7	<0.001	0.02	2.68	4.5	0.7	0.4	23.3	<0.01	0.02	0.4
FGL027 00+75E		0.70	12.8	1110	37.4	19.5	<0.001	0.02	7.13	7.8	0.7	0.4	16.7	<0.01	0.03	1.9
FGL027 01+00E		0.75	24.9	940	16.2	16.4	<0.001	0.05	4.43	5.6	0.8	0.4	30.8	<0.01	0.05	0.7
FGL027 01+25E		0.69	24.9	990	22.1	29.0	<0.001	0.05	5.66	6.1	1.1	0.3	27.4	<0.01	0.04	0.7
FGL027 01+50E		0.82	22.8	680	15.8	27.7	<0.001	0.03	3.24	4.6	0.8	0.4	26.0	<0.01	0.04	0.6
FGL027 01+75E		1.54	18.2	420	13.8	13.3	<0.001	0.01	1.80	3.5	0.5	0.5	14.2	<0.01	0.03	2.0
FGL027 02+00E		0.68	13.1	470	21.4	13.3	<0.001	0.02	2.39	2.5	0.5	0.3	18.6	<0.01	0.02	0.4
FGL027 02+25E		0.56	12.8	600	33.2	23.5	<0.001	0.03	2.99	3.0	0.7	0.4	20.8	<0.01	0.02	0.3
FGL027 02+50E		0.52	11.4	750	13.2	14.8	<0.001	0.03	2.19	2.9	0.4	0.3	19.2	<0.01	0.02	0.4
FGL027 02+75E		0.70	15.2	890	12.8	15.2	<0.001	0.05	2.14	5.6	0.9	0.3	30.2	<0.01	0.03	0.8
FGL027 03+00E		0.63	12.9	720	12.9	10.9	<0.001	0.05	2.66	4.2	1.0	0.3	21.3	<0.01	0.03	0.6
FGL027 03+25E		0.91	18.6	1100	17.6	16.9	0.001	0.04	3.46	7.0	1.3	0.4	29.3	<0.01	0.04	2.1
FGL027 03+50E		0.59	12.2	1020	8.7	10.5	0.001	0.07	1.41	3.6	1.0	0.3	22.7	<0.01	0.02	0.4
FGL027 03+75E		0.48	10.1	950	8.8	6.9	0.001	0.05	0.96	3.4	1.4	0.2	23.3	<0.01	0.01	0.6
FGL027 04+00E		0.57	8.5	970	5.6	5.7	0.001	0.07	0.80	3.0	1.0	0.2	21.0	<0.01	0.02	0.5
FGL027 04+25E		0.89	15.7	1040	11.2	12.6	0.001	0.05	1.30	5.7	1.7	0.4	27.5	<0.01	0.03	1.7
FGL027 04+50E		0.72	13.9	1050	12.5	12.7	<0.001	0.07	1.76	4.5	1.3	0.3	50.5	<0.01	0.02	1.1
FGL027 04+75E		0.76	14.9	960	14.0	17.4	<0.001	0.08	1.81	4.6	1.7	0.3	78.7	<0.01	0.01	0.9
FGL027 05+00E		0.89	11.5	1050	8.8	9.4	<0.001	0.05	1.07	4.9	0.9	0.4	33.7	<0.01	0.02	1.5

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

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 20- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 0422- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13157932

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
FGL034 00+50E		0.038	0.24	0.60	58	0.12	6.10	104	0.6
FGL034 00+75E		0.042	0.07	0.40	33	0.06	3.91	59	0.6
FGL034 01+00E		0.050	0.16	0.86	61	0.19	5.49	85	1.5
FGL034 01+25E		0.030	0.03	0.12	21	<0.05	1.30	15	<0.5
FGL034 01+50E		0.033	0.15	0.63	46	0.14	5.51	63	<0.5
FGL034 01+75E		0.036	0.16	0.47	41	0.10	5.96	67	0.9
FGL034 02+00E		0.038	0.15	0.65	52	0.15	5.21	77	1.1
FGL034 02+25E		0.042	0.09	0.53	42	0.10	4.52	58	1.2
FGL034 02+50E		0.047	0.09	0.29	40	0.08	2.33	46	0.9
FGL034 02+75E		0.033	0.08	0.37	27	0.08	4.96	47	0.5
FGL034 03+00E		0.031	0.10	0.47	32	0.11	6.21	42	0.9
FGL034 03+25E		0.041	0.13	0.47	46	0.12	5.93	67	1.1
FGL034 03+50E		0.038	0.10	0.43	41	0.08	5.92	66	1.0
FGL034 03+75E		0.030	0.13	0.44	31	0.10	5.11	59	1.4
FGL034 04+00E		0.038	0.14	0.61	41	0.11	11.10	74	1.3
FGL034 04+25E		0.040	0.13	0.35	43	0.12	3.80	76	1.2
FGL034 04+50E		0.033	0.05	0.23	34	0.07	2.54	72	1.0
FGL034 04+75E		0.041	0.13	0.43	43	0.13	7.60	67	1.1
FGL034 05+00E		0.036	0.11	0.48	42	0.10	8.11	56	1.4
FGL027 00+00		0.059	0.27	0.88	65	0.18	9.80	143	1.3
FGL027 00+25E		0.061	0.23	0.50	72	0.18	5.27	132	0.9
FGL027 00+50E		0.038	0.24	0.90	50	0.14	11.20	103	<0.5
FGL027 00+75E		0.063	0.25	0.47	82	0.15	8.50	282	<0.5
FGL027 01+00E		0.030	0.41	0.78	65	0.13	11.85	164	<0.5
FGL027 01+25E		0.026	0.32	0.85	67	0.14	14.25	212	0.5
FGL027 01+50E		0.031	0.38	0.97	71	0.16	10.10	148	<0.5
FGL027 01+75E		0.067	0.23	0.41	70	0.19	3.65	110	0.5
FGL027 02+00E		0.029	0.29	0.49	48	0.14	8.25	140	<0.5
FGL027 02+25E		0.022	0.55	0.68	57	0.13	10.30	171	<0.5
FGL027 02+50E		0.025	0.34	0.41	51	0.11	3.77	126	<0.5
FGL027 02+75E		0.027	0.33	0.72	61	0.13	12.05	114	<0.5
FGL027 03+00E		0.029	0.25	0.74	50	0.13	9.93	105	<0.5
FGL027 03+25E		0.067	0.38	1.07	82	0.12	14.50	163	<0.5
FGL027 03+50E		0.028	0.25	0.99	44	0.12	10.05	83	<0.5
FGL027 03+75E		0.053	0.18	0.97	60	0.07	9.68	78	<0.5
FGL027 04+00E		0.032	0.15	0.95	40	0.08	8.03	49	<0.5
FGL027 04+25E		0.053	0.24	1.13	63	0.15	11.00	113	0.9
FGL027 04+50E		0.037	0.22	1.31	49	0.29	16.30	132	0.7
FGL027 04+75E		0.030	0.25	2.15	44	0.09	27.4	140	1.0
FGL027 05+00E		0.038	0.13	0.68	64	0.61	15.20	79	0.8

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

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 20- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 0422- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13157932

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- TL44 Au ppm 0.001	ME- MS41 Ag ppm 0.01	ME- MS41 Al % 0.01	ME- MS41 As ppm 0.1	ME- MS41 Au ppm 0.2	ME- MS41 B ppm 10	ME- MS41 Ba ppm 10	ME- MS41 Be ppm 0.05	ME- MS41 Bi ppm 0.01	ME- MS41 Ca % 0.01	ME- MS41 Cd ppm 0.01	ME- MS41 Ce ppm 0.02	ME- MS41 Co ppm 0.1	ME- MS41 Cr ppm 1
FGL028 00+00		0.68	0.004	0.12	1.65	7.5	<0.2	<10	770	0.50	0.11	0.88	0.18	26.1	8.9	26
FGL028 00+25W		0.41	0.002	0.08	0.66	2.1	<0.2	<10	560	0.23	0.05	1.28	0.50	10.05	3.9	7
FGL028 00+50W		0.41	0.002	0.12	1.29	8.6	<0.2	<10	620	0.39	0.09	0.88	0.28	20.0	8.8	21
FGL028 00+75W		0.39	0.003	0.29	1.17	5.7	<0.2	<10	680	0.54	0.08	0.57	0.17	22.6	4.0	13
FGL028 01+00W		0.40	0.002	0.12	1.16	6.7	<0.2	<10	540	0.32	0.08	0.63	0.12	15.55	4.2	14
FGL028 01+25W		0.55	0.002	0.02	1.49	11.2	<0.2	<10	160	0.30	0.10	0.23	0.10	17.45	7.2	21
FGL028 01+50W		0.46	0.003	0.13	1.58	13.2	<0.2	<10	350	0.36	0.11	0.48	0.11	19.80	7.4	27
FGL028 01+75W		0.45	0.001	0.08	0.46	2.2	<0.2	<10	170	0.15	0.04	0.47	0.11	7.94	2.1	6
FGL028 02+00W		0.30	0.001	0.09	0.69	5.6	<0.2	<10	400	0.23	0.06	0.89	0.57	8.56	6.1	6
FGL028 02+25W		0.38	0.001	0.03	0.34	1.4	<0.2	<10	140	0.12	0.04	0.37	0.10	5.09	2.5	3
FGL028 02+50W		0.34	0.005	0.40	1.03	6.3	<0.2	<10	450	0.35	0.08	0.65	0.39	16.00	3.4	14
FGL028 02+75W		0.48	0.007	0.24	1.55	29.5	<0.2	<10	460	0.45	0.12	0.58	0.25	23.7	9.0	24
FGL028 03+00W		0.61	0.008	0.30	1.49	51.6	<0.2	<10	320	0.55	0.12	0.58	0.45	28.5	9.6	25
FGL028 03+25W		0.41	0.008	0.56	0.95	57.0	<0.2	<10	220	0.36	0.04	0.47	0.26	17.60	4.4	14
FGL028 03+50W		0.78	0.021	0.19	1.24	111.5	<0.2	<10	220	0.34	0.07	0.39	0.31	21.3	9.2	23
FGL028 03+75W		0.37	0.016	0.24	0.78	32.4	<0.2	<10	140	0.19	0.05	0.27	0.24	8.69	3.1	9
FGL028 04+00W		0.55	0.017	0.19	1.58	69.7	<0.2	<10	280	0.43	0.11	0.42	0.18	20.2	7.9	29
FGL028 04+25W		0.53	0.011	0.29	1.56	60.7	<0.2	<10	260	0.47	0.09	0.41	0.14	23.2	6.3	28
FGL028 04+50W		0.53	0.028	0.49	1.43	94.7	<0.2	<10	310	0.47	0.05	0.56	0.46	28.1	10.2	21
FGL028 04+75W		0.56	0.009	0.39	0.94	36.5	<0.2	<10	130	0.28	0.03	0.46	0.17	33.3	4.6	14
FGL028 05+00W		0.48	0.002	0.12	0.62	14.5	<0.2	<10	60	0.14	0.03	0.12	0.13	12.95	3.3	10
FGL035 00+00		0.82	0.010	0.30	1.61	221	<0.2	<10	130	0.47	0.07	0.26	0.47	21.7	9.5	34
FGL035 00+25E		0.44	0.004	0.33	0.86	41.1	<0.2	<10	90	0.24	0.06	0.17	0.31	12.05	4.2	15
FGL035 00+50E		0.44	0.010	0.86	1.27	97.3	<0.2	<10	160	0.28	0.06	0.25	0.29	11.85	4.1	20
FGL035 00+75E		0.48	0.012	0.57	1.75	150.5	<0.2	<10	230	0.72	0.08	0.35	0.49	32.0	10.6	38
FGL035 01+00E		0.52	0.007	0.18	1.50	169.5	<0.2	<10	160	0.51	0.07	0.29	0.35	26.3	9.6	27
FGL035 01+25E		0.44	0.094	0.16	1.95	488	<0.2	<10	120	0.68	0.10	0.26	0.69	27.4	11.6	62
FGL035 01+50E		0.52	0.009	0.18	1.65	157.0	<0.2	<10	210	0.38	0.06	0.37	0.44	25.2	9.1	37
FGL035 01+75E		0.56	0.015	0.54	1.49	126.0	<0.2	<10	190	0.48	0.07	0.35	0.46	27.7	11.1	32
FGL035 02+00E		0.53	0.013	0.44	1.53	37.5	<0.2	<10	180	0.37	0.05	0.41	0.45	30.6	4.9	27
FGL035 02+25E		0.34	0.035	0.90	1.04	90.7	<0.2	<10	250	0.34	0.05	0.68	0.49	17.65	3.3	14
FGL035 02+50E		0.51	0.013	0.46	1.31	78.0	<0.2	<10	340	0.50	0.06	0.81	0.71	23.8	10.1	20
FGL035 02+75E		0.42	0.018	0.23	1.17	83.5	<0.2	<10	520	0.36	0.06	0.98	0.42	17.50	6.7	17
FGL035 03+00E		0.56	0.033	0.31	1.38	140.0	<0.2	<10	800	0.63	0.07	0.93	0.33	29.4	7.6	21
FGL035 03+25E		0.51	0.026	0.27	1.15	137.5	<0.2	<10	520	0.40	0.07	0.93	0.53	18.45	6.4	17
FGL035 03+50E		0.64	0.005	0.23	1.42	30.6	<0.2	<10	470	0.49	0.07	0.66	0.47	26.2	7.0	23
FGL035 03+75E		0.41	0.005	0.21	1.42	46.8	<0.2	<10	370	0.46	0.06	0.89	0.18	21.4	7.4	23
FGL035 04+00E		0.33	0.001	0.06	0.85	3.0	<0.2	<10	110	0.19	0.03	0.13	0.11	9.69	2.2	8
FGL035 04+25E		0.44	0.001	0.06	1.13	6.5	<0.2	<10	280	0.27	0.06	0.28	0.12	11.40	4.1	14

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

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To: TERRALOGIC EXPLORATION SERVICES INC.
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 20- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 0422- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13157932

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
FGL028 00+00		2.18	15.5	2.41	5.57	0.05	0.08	0.05	0.022	0.07	14.1	10.2	0.57	498	0.41	0.02
FGL028 00+25W		0.85	15.7	0.98	2.21	<0.05	0.06	0.05	0.008	0.03	5.4	2.1	0.15	576	0.25	0.04
FGL028 00+50W		2.94	17.3	2.08	4.33	<0.05	0.06	0.06	0.018	0.05	10.4	7.6	0.37	1070	0.44	0.02
FGL028 00+75W		2.27	18.2	1.34	3.38	0.05	0.05	0.09	0.014	0.06	14.9	4.2	0.16	314	0.38	0.04
FGL028 01+00W		2.57	14.3	1.26	3.46	<0.05	0.05	0.04	0.013	0.05	9.0	5.9	0.25	293	0.34	0.03
FGL028 01+25W		2.43	10.3	2.10	4.72	<0.05	0.05	0.01	0.017	0.05	8.4	9.5	0.40	335	0.40	0.01
FGL028 01+50W		3.38	13.9	2.20	5.21	<0.05	0.06	0.04	0.020	0.06	10.4	11.1	0.50	415	0.44	0.01
FGL028 01+75W		0.86	10.9	0.89	1.86	<0.05	0.05	0.04	0.005	0.03	4.8	1.5	0.10	206	0.22	0.03
FGL028 02+00W		1.24	19.5	0.98	2.13	<0.05	0.06	0.05	0.008	0.03	4.7	2.5	0.12	2990	0.52	0.04
FGL028 02+25W		0.31	8.0	0.54	1.45	<0.05	0.06	0.02	<0.005	0.02	2.5	0.8	0.06	358	0.20	0.04
FGL028 02+50W		5.47	15.6	1.27	3.81	<0.05	0.05	0.13	0.013	0.05	9.4	3.7	0.18	300	0.28	0.03
FGL028 02+75W		8.59	23.5	2.50	5.20	<0.05	0.06	0.07	0.024	0.07	13.4	9.8	0.44	473	0.59	0.02
FGL028 03+00W		6.74	23.9	2.63	4.87	0.05	0.06	0.07	0.025	0.07	14.4	11.1	0.49	870	1.01	0.01
FGL028 03+25W		4.04	22.5	1.82	3.26	<0.05	0.04	0.15	0.019	0.04	10.1	4.5	0.18	283	0.89	0.02
FGL028 03+50W		3.21	17.4	2.33	4.00	<0.05	0.03	0.08	0.021	0.05	10.7	9.1	0.43	806	1.17	0.01
FGL028 03+75W		4.42	10.9	1.03	2.69	<0.05	<0.02	0.09	0.010	0.04	4.0	2.7	0.10	202	0.58	0.02
FGL028 04+00W		4.10	20.3	2.29	4.40	<0.05	0.03	0.09	0.024	0.06	10.8	10.5	0.48	385	1.02	<0.01
FGL028 04+25W		4.54	21.0	2.18	4.86	<0.05	0.03	0.08	0.023	0.06	11.0	10.5	0.47	359	0.86	<0.01
FGL028 04+50W		6.06	24.2	2.99	5.16	<0.05	0.03	0.12	0.030	0.07	13.9	6.9	0.33	845	1.11	0.01
FGL028 04+75W		4.71	14.2	1.60	3.36	0.05	<0.02	0.06	0.019	0.08	19.6	6.1	0.23	225	0.80	0.02
FGL028 05+00W		1.53	9.2	1.36	2.73	<0.05	<0.02	0.05	0.011	0.04	6.3	3.2	0.15	136	0.41	0.01
FGL035 00+00		4.36	24.2	3.02	4.52	0.05	0.02	0.07	0.028	0.06	10.3	10.7	0.43	435	1.52	<0.01
FGL035 00+25E		2.46	13.7	1.75	3.98	<0.05	<0.02	0.06	0.014	0.04	6.5	4.8	0.16	183	0.62	0.01
FGL035 00+50E		9.75	17.1	1.98	4.56	<0.05	<0.02	0.13	0.018	0.05	6.8	4.7	0.18	204	1.21	0.02
FGL035 00+75E		10.65	32.0	3.20	5.78	0.05	<0.02	0.10	0.033	0.07	19.3	13.5	0.46	1130	1.88	<0.01
FGL035 01+00E		6.51	26.8	3.23	5.20	0.05	<0.02	0.05	0.032	0.07	14.6	11.1	0.42	597	1.30	<0.01
FGL035 01+25E		8.66	32.0	4.34	6.82	0.05	<0.02	0.08	0.048	0.17	13.8	16.4	0.63	483	2.01	<0.01
FGL035 01+50E		4.74	32.0	3.06	6.26	0.05	<0.02	0.06	0.028	0.22	12.8	12.1	0.64	400	0.95	0.01
FGL035 01+75E		7.08	17.1	2.55	5.01	0.05	0.02	0.14	0.029	0.06	15.8	11.8	0.46	950	1.58	<0.01
FGL035 02+00E		5.97	26.2	1.76	5.36	0.06	0.02	0.12	0.026	0.06	19.2	11.5	0.40	207	0.93	0.01
FGL035 02+25E		7.15	23.1	1.57	3.07	<0.05	0.03	0.16	0.017	0.05	10.1	4.9	0.19	219	0.86	0.02
FGL035 02+50E		5.39	25.8	2.31	4.07	0.05	0.04	0.11	0.025	0.07	12.0	8.1	0.35	1360	1.00	0.01
FGL035 02+75E		4.53	16.0	1.91	3.75	<0.05	0.04	0.12	0.020	0.06	9.6	7.8	0.34	497	0.49	0.01
FGL035 03+00E		5.25	25.4	2.23	4.03	0.06	0.05	0.22	0.025	0.07	19.6	9.0	0.36	870	0.54	0.01
FGL035 03+25E		5.32	17.3	1.90	3.58	<0.05	0.05	0.19	0.020	0.06	10.2	7.0	0.30	481	0.40	0.01
FGL035 03+50E		7.04	16.7	2.31	4.67	0.05	0.05	0.16	0.022	0.07	15.0	10.3	0.44	388	0.34	0.01
FGL035 03+75E		4.17	15.4	2.73	4.43	0.05	0.04	0.09	0.021	0.06	12.0	9.2	0.45	634	0.50	0.01
FGL035 04+00E		1.41	10.0	0.93	2.75	<0.05	<0.02	0.04	0.009	0.04	4.9	3.1	0.09	95	0.26	0.02
FGL035 04+25E		2.24	11.1	1.30	3.70	<0.05	<0.02	0.04	0.012	0.05	5.9	6.7	0.24	160	0.34	0.02

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

ALS Canada Ltd.
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44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 20- SEP- 2013
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Project: ALSM- CW13- 0422- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13157932

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
FGL028 00+00		0.97	14.3	990	7.9	9.7	<0.001	0.06	0.72	4.0	0.6	0.4	69.7	<0.01	0.02	1.2
FGL028 00+25W		0.48	7.2	790	1.9	4.6	<0.001	0.10	0.44	1.1	0.4	<0.2	109.0	<0.01	0.01	0.2
FGL028 00+50W		0.79	11.6	970	7.4	7.8	<0.001	0.06	0.92	3.1	0.6	0.3	76.9	<0.01	0.02	0.8
FGL028 00+75W		0.66	9.5	630	3.9	6.6	0.001	0.05	0.54	2.5	0.9	0.2	51.7	<0.01	0.01	0.4
FGL028 01+00W		0.76	8.7	540	6.1	9.2	<0.001	0.05	0.52	1.9	0.4	0.2	57.1	<0.01	0.02	0.4
FGL028 01+25W		1.28	12.0	540	11.4	8.0	<0.001	0.01	0.72	2.5	0.3	0.3	19.8	<0.01	0.01	1.7
FGL028 01+50W		1.04	13.5	850	10.8	9.8	<0.001	0.03	0.75	3.4	0.5	0.4	44.1	<0.01	0.02	1.3
FGL028 01+75W		0.39	3.9	810	2.0	2.6	<0.001	0.06	0.41	0.8	0.4	<0.2	40.3	<0.01	0.01	0.2
FGL028 02+00W		0.42	8.0	780	4.1	3.4	<0.001	0.08	0.58	0.8	0.3	<0.2	97.4	<0.01	0.02	0.2
FGL028 02+25W		0.38	2.5	510	1.2	1.6	<0.001	0.04	0.21	0.4	0.2	<0.2	32.4	<0.01	0.01	<0.2
FGL028 02+50W		0.62	8.0	1050	8.8	7.9	<0.001	0.08	0.80	2.3	0.6	0.2	58.9	<0.01	0.01	0.4
FGL028 02+75W		0.88	14.9	880	10.5	12.5	<0.001	0.04	1.66	5.4	0.6	0.4	43.2	<0.01	0.02	1.3
FGL028 03+00W		0.96	15.9	870	17.3	12.8	<0.001	0.04	2.83	5.7	0.8	0.3	38.0	<0.01	0.03	1.9
FGL028 03+25W		0.57	10.5	840	6.7	7.1	0.001	0.04	2.00	3.3	1.0	0.2	41.0	<0.01	0.03	0.7
FGL028 03+50W		0.86	14.1	890	14.0	7.9	<0.001	<0.01	2.14	3.5	0.9	0.3	29.3	<0.01	0.03	1.6
FGL028 03+75W		0.34	6.9	620	11.6	5.2	<0.001	0.01	0.78	0.9	0.5	0.2	22.8	<0.01	0.02	<0.2
FGL028 04+00W		0.86	18.4	770	17.3	9.4	<0.001	<0.01	1.49	3.8	0.9	0.4	33.9	<0.01	0.03	1.3
FGL028 04+25W		0.86	16.4	860	15.6	10.1	<0.001	0.01	1.52	3.9	0.7	0.4	30.8	<0.01	0.02	1.3
FGL028 04+50W		0.56	11.7	1390	34.0	12.7	<0.001	0.04	2.66	4.2	0.7	0.3	44.1	<0.01	0.03	1.5
FGL028 04+75W		0.46	7.4	720	5.1	10.0	<0.001	<0.01	1.29	3.0	0.6	0.2	25.1	<0.01	0.02	1.0
FGL028 05+00W		0.30	4.9	420	5.0	5.1	<0.001	<0.01	0.51	0.8	0.3	0.2	11.8	<0.01	0.01	<0.2
FGL035 00+00		0.87	26.8	620	31.2	9.7	<0.001	<0.01	5.95	4.2	0.6	0.3	18.2	<0.01	0.04	2.3
FGL035 00+25E		0.35	8.3	530	11.0	7.4	<0.001	<0.01	1.08	1.1	0.4	0.3	15.1	<0.01	0.02	<0.2
FGL035 00+50E		0.42	13.5	630	17.3	10.9	<0.001	0.02	2.77	2.1	0.6	0.3	22.6	<0.01	0.03	<0.2
FGL035 00+75E		0.69	24.2	940	33.2	12.7	<0.001	<0.01	4.04	7.3	1.2	0.4	26.5	<0.01	0.03	1.5
FGL035 01+00E		0.77	17.4	680	23.7	13.2	<0.001	<0.01	4.48	5.1	0.8	0.4	21.3	<0.01	0.03	1.6
FGL035 01+25E		0.95	37.5	1150	30.6	17.9	<0.001	<0.01	8.28	7.0	0.7	0.4	14.2	<0.01	0.06	2.5
FGL035 01+50E		0.86	18.5	950	10.8	17.6	<0.001	<0.01	2.06	5.2	0.5	0.4	23.5	<0.01	0.04	1.6
FGL035 01+75E		0.70	15.6	1070	27.1	12.0	0.001	0.01	2.85	4.8	0.9	0.4	23.1	<0.01	0.02	1.2
FGL035 02+00E		0.73	11.9	1130	18.4	11.7	<0.001	0.04	2.10	3.9	0.8	0.3	26.6	<0.01	0.02	1.5
FGL035 02+25E		0.64	10.5	880	14.7	10.9	0.001	0.06	1.90	2.6	1.0	0.2	53.5	<0.01	0.02	0.5
FGL035 02+50E		0.62	13.3	960	16.7	14.6	<0.001	0.04	2.85	4.3	0.9	0.3	63.8	<0.01	0.03	1.0
FGL035 02+75E		0.68	10.1	860	12.4	12.0	<0.001	0.04	2.09	3.6	0.6	0.3	75.8	<0.01	0.01	1.0
FGL035 03+00E		0.77	14.3	820	12.6	12.9	<0.001	0.04	3.16	5.5	1.2	0.3	74.1	<0.01	0.02	1.4
FGL035 03+25E		0.64	10.5	850	14.2	12.1	<0.001	0.04	2.37	3.3	0.6	0.3	73.4	<0.01	0.02	0.9
FGL035 03+50E		0.78	13.0	970	17.3	12.8	<0.001	0.02	1.55	4.7	0.9	0.3	60.7	<0.01	0.03	1.5
FGL035 03+75E		0.79	11.1	1050	19.5	10.4	<0.001	0.03	1.54	3.7	0.7	0.3	88.0	<0.01	0.02	1.1
FGL035 04+00E		0.55	3.8	510	2.9	6.1	<0.001	0.01	0.24	0.8	0.3	0.2	19.1	<0.01	0.02	<0.2
FGL035 04+25E		0.74	7.8	390	7.1	7.6	<0.001	<0.01	0.42	1.8	0.4	0.3	36.4	<0.01	0.02	0.5

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Finalized Date: 20- SEP- 2013
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Project: ALSM- CW13- 0422- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13157932

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
FGL028 00+00		0.043	0.10	0.61	51	0.13	9.55	78	1.5
FGL028 00+25W		0.032	0.05	0.30	25	<0.05	4.95	47	1.3
FGL028 00+50W		0.037	0.13	0.54	48	0.10	7.03	65	1.1
FGL028 00+75W		0.033	0.08	0.60	28	0.08	16.05	34	1.0
FGL028 01+00W		0.032	0.09	0.37	26	0.10	6.75	49	0.8
FGL028 01+25W		0.054	0.11	0.31	48	0.36	3.24	59	0.9
FGL028 01+50W		0.045	0.15	0.54	50	0.14	4.80	77	0.9
FGL028 01+75W		0.040	0.04	0.24	26	<0.05	3.64	26	0.8
FGL028 02+00W		0.022	0.09	0.34	18	<0.05	3.77	64	1.4
FGL028 02+25W		0.025	0.03	0.18	16	0.67	1.79	15	1.1
FGL028 02+50W		0.060	0.15	0.90	31	0.06	8.65	74	1.2
FGL028 02+75W		0.040	0.18	0.79	52	0.30	10.15	86	1.0
FGL028 03+00W		0.046	0.20	0.91	51	0.13	14.15	125	1.2
FGL028 03+25W		0.031	0.17	0.89	39	0.10	10.50	60	1.1
FGL028 03+50W		0.054	0.17	0.62	52	0.17	6.35	90	1.0
FGL028 03+75W		0.032	0.11	0.45	27	0.07	3.42	57	<0.5
FGL028 04+00W		0.045	0.15	0.78	48	0.18	6.02	79	0.8
FGL028 04+25W		0.045	0.20	0.70	50	0.22	6.18	83	0.8
FGL028 04+50W		0.048	0.23	0.90	68	0.08	8.41	151	0.8
FGL028 04+75W		0.039	0.16	0.60	35	0.06	8.11	57	<0.5
FGL028 05+00W		0.044	0.08	0.32	38	0.08	2.76	34	<0.5
FGL035 00+00		0.042	0.35	0.48	62	0.14	5.44	175	0.5
FGL035 00+25E		0.047	0.12	0.37	51	0.08	3.30	61	<0.5
FGL035 00+50E		0.026	0.22	0.47	48	0.11	4.67	130	<0.5
FGL035 00+75E		0.032	0.26	0.89	66	0.15	13.15	191	<0.5
FGL035 01+00E		0.034	0.25	0.50	63	0.15	9.57	147	<0.5
FGL035 01+25E		0.053	0.37	0.56	86	0.40	8.60	251	<0.5
FGL035 01+50E		0.093	0.25	0.49	84	0.10	7.89	116	<0.5
FGL035 01+75E		0.037	0.30	0.77	57	0.24	10.60	155	<0.5
FGL035 02+00E		0.043	0.25	0.98	51	0.14	11.65	100	0.5
FGL035 02+25E		0.025	0.20	0.75	28	0.08	8.93	75	1.0
FGL035 02+50E		0.031	0.20	0.84	45	0.10	12.30	121	1.0
FGL035 02+75E		0.030	0.18	0.66	36	0.09	8.30	99	1.2
FGL035 03+00E		0.029	0.25	1.20	40	0.11	22.5	89	1.5
FGL035 03+25E		0.030	0.27	0.73	35	0.11	10.20	112	1.3
FGL035 03+50E		0.038	0.26	0.84	50	0.12	12.20	111	1.2
FGL035 03+75E		0.035	0.19	0.73	52	0.24	8.00	95	1.0
FGL035 04+00E		0.032	0.06	0.25	22	0.09	1.82	23	<0.5
FGL035 04+25E		0.031	0.09	0.32	28	0.10	2.85	39	0.5

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CERTIFICATE OF ANALYSIS WH13157932

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: Gold determinations by this method are semi- quantitative due to the small sample weight used (0.5g).
ME- MS41

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
LOG- 22 SCR- 41 WEI- 21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- TL44 ME- MS41

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

To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 19- SEP- 2013
Account: TELOEX

CERTIFICATE WH13157933

Project: ALSM- CW13- 042- R1- TELOEX

P.O. No.: FG13- 007

This report is for 109 Soil samples submitted to our lab in Whitehorse, YT, Canada on 29- AUG- 2013.

The following have access to data associated with this certificate:

JESSE CAMPBELL MIKE MCCUAIG	CHRIS GALLAGHER	GRAEME HOPKINS

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SCR- 41	Screen to - 180um and save both

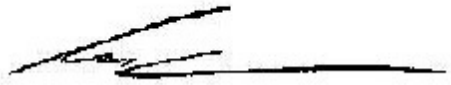
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- TL44	Trace Level Au - 50 g AR	ICP- MS
ME- MS41	51 anal. aqua regia ICPMS	

To: **TERRALOGIC EXPLORATION SERVICES INC.**
ATTN: MIKE MCCUAIG
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

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

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS WH13157933

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- TL44 Au ppm 0.001	ME- MS41 Ag ppm 0.01	ME- MS41 Al % 0.01	ME- MS41 As ppm 0.1	ME- MS41 Au ppm 0.2	ME- MS41 B ppm 10	ME- MS41 Ba ppm 10	ME- MS41 Be ppm 0.05	ME- MS41 Bi ppm 0.01	ME- MS41 Ca % 0.01	ME- MS41 Cd ppm 0.01	ME- MS41 Ce ppm 0.02	ME- MS41 Co ppm 0.1	ME- MS41 Cr ppm 1
FGL016 00+00		0.37	0.003	0.13	0.47	30.6	<0.2	<10	210	0.13	0.04	0.45	0.38	11.65	17.4	7
FGL016 01+00W		0.39	0.002	0.07	0.59	58.5	<0.2	<10	100	0.15	0.12	0.20	0.17	14.95	3.4	14
FGL016 02+00W		0.40	0.009	0.58	1.87	75.2	<0.2	<10	180	0.32	0.12	0.17	0.51	15.35	7.4	54
FGL016 03+00W		0.40	0.003	0.60	1.18	32.6	<0.2	<10	180	0.33	0.12	0.18	0.36	19.25	3.9	18
FGL016 04+00W		0.40	0.001	0.10	0.74	4.7	<0.2	<10	100	0.13	0.08	0.19	0.09	10.55	2.7	11
FGL016 05+00W		0.39	0.009	0.23	1.51	17.1	<0.2	<10	290	0.48	0.11	0.37	0.14	35.3	7.5	23
FGL016 06+00W		0.52	0.005	0.15	1.37	17.3	<0.2	<10	180	0.44	0.12	0.34	0.17	25.3	8.0	25
FGL016 07+00W		0.40	0.003	0.25	0.69	15.8	<0.2	<10	80	0.19	0.05	0.18	0.16	13.95	5.4	9
FGL016 01+00E		0.40	0.003	0.27	1.76	17.1	<0.2	<10	300	0.47	0.09	0.68	0.18	31.3	7.7	27
FGL016 02+00E		0.66	0.005	0.06	1.54	15.5	<0.2	<10	250	0.34	0.11	0.44	0.14	21.2	7.9	27
FGL035 00+00		0.81	0.011	0.29	1.59	163.5	<0.2	<10	130	0.44	0.11	0.24	0.43	21.3	8.5	30
FGL035 01+00W		0.47	0.010	0.25	1.66	128.5	<0.2	<10	170	0.55	0.10	0.31	0.35	27.1	8.8	28
FGL035 02+00W		0.60	0.016	0.55	1.82	57.3	<0.2	<10	220	0.41	0.10	0.42	0.60	38.9	5.2	34
FGL035 03+00W		0.38	0.035	0.35	1.44	140.0	<0.2	<10	780	0.53	0.10	0.93	0.33	26.4	7.4	21
FGL035 04+00W		0.33	0.001	0.05	0.82	2.9	<0.2	<10	120	0.17	0.06	0.13	0.12	7.96	2.1	8
FGL018 00+00		0.41	0.003	0.13	1.61	10.9	<0.2	<10	140	0.37	0.13	0.34	0.06	21.4	8.1	28
FGL018 01+00E		0.43	0.002	0.14	1.27	17.7	<0.2	<10	200	0.37	0.12	0.20	0.10	33.1	7.1	21
FGL018 02+00E		0.26	0.002	0.24	1.16	8.0	<0.2	<10	220	0.30	0.08	0.38	0.21	23.9	6.5	19
FGL018 03+00E		0.25	0.004	0.56	1.16	17.4	<0.2	<10	260	0.29	0.08	0.38	0.22	14.25	6.1	16
FGL018 04+00E		0.59	0.006	0.44	1.28	23.1	<0.2	<10	290	0.36	0.10	0.28	0.31	25.1	6.7	26
FGL018 05+00E		0.28	0.006	0.73	0.87	17.9	<0.2	<10	240	0.26	0.07	0.22	0.34	21.5	17.6	14
FGL018 06+00E		0.35	0.005	0.36	1.73	9.8	<0.2	<10	220	0.25	0.06	0.45	0.15	15.80	4.9	18
FGL018 07+00E		0.41	0.003	0.06	1.54	14.5	<0.2	<10	190	0.29	0.10	0.25	0.12	20.1	6.7	22
FGL018 01+00W		0.40	0.002	0.12	0.94	5.2	<0.2	<10	130	0.31	0.06	0.19	0.03	22.7	2.8	9
FGL018 02+00W		0.40	0.004	0.27	1.20	11.9	<0.2	<10	160	0.28	0.10	0.24	0.14	22.4	5.8	16
FGL018 03+00W		0.50	0.002	0.22	1.10	14.0	<0.2	<10	160	0.26	0.08	0.17	0.11	16.40	5.2	16
FGL031 00+00		0.43	0.004	0.17	2.07	20.9	<0.2	<10	210	0.55	0.15	0.19	0.16	27.5	7.9	33
FGL031 01+00E		0.36	0.001	0.08	1.48	13.1	<0.2	<10	90	0.23	0.12	0.14	0.11	15.15	4.6	23
FGL031 02+00E		0.45	0.002	0.23	1.99	12.3	<0.2	<10	130	0.38	0.18	0.17	0.17	20.0	6.3	30
FGL031 03+00E		0.38	0.002	0.64	1.55	10.6	<0.2	<10	150	0.38	0.13	0.16	0.13	17.75	4.6	20
FGL031 04+00E		0.49	0.001	0.06	0.54	5.0	<0.2	<10	60	0.13	0.03	0.14	0.04	8.70	3.1	9
FGL031 05+00E		0.51	0.008	0.43	1.88	42.9	<0.2	<10	170	0.36	0.13	0.22	0.16	21.4	6.4	28
FGL031 06+00E		0.49	0.007	0.21	2.23	46.0	<0.2	<10	230	0.48	0.14	0.23	0.15	26.6	8.4	35
FGL031 07+00E		0.37	0.003	0.22	1.00	15.6	<0.2	<10	120	0.21	0.07	0.15	0.09	12.50	4.6	15
FGL031 08+00E		0.60	0.007	0.27	1.95	59.7	<0.2	<10	430	0.51	0.10	0.36	0.21	35.2	9.3	33
FGL031 09+00E		0.49	0.003	0.30	1.56	27.6	<0.2	<10	290	0.39	0.12	0.29	0.39	21.1	5.2	21
FGL031 10+00E		0.42	0.001	0.08	0.48	2.3	<0.2	<10	90	0.08	0.03	0.17	0.03	5.52	2.0	6
FGL031 11+00E		0.46	0.037	0.15	1.69	140.5	<0.2	<10	460	0.45	0.09	0.32	0.38	30.4	8.0	25
FGL026 00+00		0.39	0.007	0.09	1.92	20.4	<0.2	<10	150	0.40	0.11	0.20	0.16	23.9	7.7	26
FGL026 01+00E		0.50	0.002	0.32	1.53	25.5	<0.2	<10	150	0.38	0.11	0.16	0.13	19.25	6.0	24

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SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 19- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13157933

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
FGL016 00+00		1.41	24.2	1.43	2.15	<0.05	<0.02	0.06	0.007	0.03	5.0	3.0	0.12	2250	3.93	0.04
FGL016 01+00W		2.09	20.1	1.60	4.76	<0.05	<0.02	0.03	0.016	0.04	7.1	2.3	0.14	137	2.02	0.02
FGL016 02+00W		1.84	26.2	3.05	7.02	<0.05	<0.02	0.05	0.023	0.06	7.4	13.9	0.48	259	2.02	0.02
FGL016 03+00W		3.40	21.7	1.50	4.40	<0.05	<0.02	0.08	0.014	0.05	10.0	5.2	0.20	240	1.77	0.02
FGL016 04+00W		1.06	13.4	1.05	3.09	<0.05	<0.02	0.02	0.008	0.04	5.0	5.9	0.18	106	0.43	0.03
FGL016 05+00W		2.40	25.7	2.10	4.78	0.06	0.03	0.11	0.021	0.05	19.9	10.8	0.42	423	0.79	0.02
FGL016 06+00W		3.45	23.3	2.19	4.88	<0.05	0.02	0.04	0.020	0.06	14.0	11.8	0.43	384	1.00	0.02
FGL016 07+00W		3.24	18.2	1.10	2.56	<0.05	<0.02	0.04	0.009	0.03	8.4	4.9	0.13	280	0.65	0.03
FGL016 01+00E		5.01	21.7	2.58	5.79	0.05	0.04	0.11	0.027	0.05	20.2	11.5	0.54	733	1.31	0.02
FGL016 02+00E		5.07	17.5	2.40	5.67	<0.05	0.02	0.02	0.020	0.06	11.1	13.5	0.58	367	0.68	0.02
FGL035 00+00		4.21	22.0	2.60	4.72	<0.05	0.02	0.05	0.024	0.06	10.2	10.8	0.42	409	1.39	0.02
FGL035 01+00W		6.67	24.6	2.88	5.26	<0.05	<0.02	0.05	0.027	0.08	15.2	12.1	0.47	552	1.18	0.02
FGL035 02+00W		7.64	26.2	1.97	6.56	0.06	<0.02	0.15	0.030	0.08	25.6	13.3	0.46	180	0.95	0.02
FGL035 03+00W		5.99	22.7	2.16	4.42	<0.05	0.05	0.21	0.025	0.07	16.9	9.5	0.36	598	0.59	0.02
FGL035 04+00W		1.51	9.8	0.83	2.93	<0.05	<0.02	0.03	0.009	0.04	3.9	3.2	0.10	74	0.28	0.03
FGL018 00+00		2.27	21.8	2.41	5.34	<0.05	0.03	0.02	0.021	0.05	10.5	13.1	0.48	331	0.63	0.02
FGL018 01+00E		2.13	21.2	2.06	4.88	<0.05	<0.02	0.02	0.017	0.05	13.1	8.3	0.29	530	1.37	0.02
FGL018 02+00E		1.81	20.8	1.80	3.86	<0.05	<0.02	0.05	0.016	0.08	12.9	7.8	0.37	400	0.65	0.02
FGL018 03+00E		2.48	15.3	1.45	3.69	<0.05	0.02	0.05	0.016	0.04	6.4	5.9	0.22	570	0.98	0.02
FGL018 04+00E		2.72	17.0	1.96	4.44	<0.05	0.03	0.07	0.018	0.05	13.8	13.5	0.47	255	1.04	0.01
FGL018 05+00E		2.30	13.5	2.18	3.63	<0.05	<0.02	0.12	0.020	0.03	7.7	3.7	0.15	3240	1.81	0.03
FGL018 06+00E		1.85	11.3	1.99	6.75	<0.05	<0.02	0.06	0.019	0.04	8.7	8.1	0.43	209	0.92	0.02
FGL018 07+00E		1.29	11.1	2.30	5.29	<0.05	<0.02	0.02	0.019	0.05	10.3	9.9	0.40	253	0.67	0.02
FGL018 01+00W		1.65	18.0	1.05	2.92	0.05	<0.02	0.03	0.011	0.03	19.7	3.6	0.12	117	0.29	0.03
FGL018 02+00W		1.97	21.6	1.61	4.37	<0.05	<0.02	0.03	0.015	0.07	11.6	5.7	0.24	393	0.77	0.03
FGL018 03+00W		2.38	17.5	1.79	4.31	<0.05	<0.02	0.02	0.018	0.07	7.8	6.3	0.28	232	0.59	0.03
FGL031 00+00		2.34	20.6	2.74	6.26	<0.05	<0.02	0.03	0.028	0.07	14.5	11.5	0.47	368	1.01	0.02
FGL031 01+00E		1.44	14.3	2.11	5.95	<0.05	<0.02	0.02	0.017	0.05	7.0	9.6	0.37	149	0.79	0.02
FGL031 02+00E		1.22	13.1	2.85	7.43	<0.05	0.03	0.03	0.023	0.05	10.1	11.7	0.34	231	1.23	0.01
FGL031 03+00E		2.31	16.3	2.08	5.70	<0.05	<0.02	0.03	0.020	0.05	8.7	8.8	0.28	201	1.01	0.02
FGL031 04+00E		0.52	6.9	0.98	2.00	<0.05	<0.02	0.01	0.007	0.04	3.9	2.9	0.16	125	0.20	0.03
FGL031 05+00E		2.67	16.0	2.71	6.94	<0.05	0.02	0.04	0.026	0.08	10.9	14.8	0.52	214	0.91	0.01
FGL031 06+00E		2.70	23.0	3.04	6.95	<0.05	0.02	0.03	0.033	0.08	13.6	14.0	0.56	374	1.10	0.02
FGL031 07+00E		1.73	11.0	1.53	3.57	<0.05	<0.02	0.04	0.012	0.05	5.6	5.5	0.20	243	0.68	0.03
FGL031 08+00E		4.55	26.5	3.07	5.90	0.05	0.02	0.05	0.029	0.07	19.6	14.8	0.60	527	1.32	0.02
FGL031 09+00E		2.74	33.8	1.98	5.19	<0.05	<0.02	0.05	0.022	0.06	12.1	7.3	0.24	238	1.20	0.02
FGL031 10+00E		0.63	4.6	0.84	2.20	<0.05	<0.02	0.01	0.006	0.04	2.6	1.8	0.08	51	0.16	0.04
FGL031 11+00E		5.48	21.9	2.48	5.19	<0.05	<0.02	0.30	0.024	0.08	17.0	10.0	0.44	497	0.77	0.02
FGL026 00+00		2.47	16.0	2.77	6.20	<0.05	<0.02	0.02	0.026	0.10	12.4	11.9	0.48	303	0.78	0.02
FGL026 01+00E		2.51	14.3	2.10	5.00	<0.05	<0.02	0.03	0.017	0.05	9.7	8.5	0.37	287	0.76	0.02

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Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
FGL016 00+00		0.27	8.0	520	3.1	2.7	0.002	0.05	1.42	1.4	1.1	<0.2	28.0	<0.01	0.01	0.4
FGL016 01+00W		0.39	12.1	320	9.2	7.7	<0.001	0.01	4.14	1.1	0.4	0.4	16.5	<0.01	0.03	<0.2
FGL016 02+00W		1.34	23.4	390	60.9	8.0	<0.001	0.02	12.80	3.7	0.4	0.5	19.9	<0.01	0.05	1.4
FGL016 03+00W		0.40	9.1	460	29.8	9.2	<0.001	0.02	3.31	1.5	0.3	0.4	17.4	<0.01	0.01	<0.2
FGL016 04+00W		0.41	5.8	360	3.9	6.4	<0.001	0.03	0.33	1.0	<0.2	0.2	18.2	<0.01	0.01	<0.2
FGL016 05+00W		0.72	15.0	810	7.3	8.5	<0.001	0.04	0.88	4.8	1.0	0.3	26.5	<0.01	0.02	1.3
FGL016 06+00W		0.82	15.0	690	8.8	11.2	<0.001	0.03	0.74	3.8	0.5	0.4	24.0	<0.01	0.01	1.2
FGL016 07+00W		0.36	6.6	590	3.9	4.3	<0.001	0.04	0.63	1.7	0.5	0.2	16.0	<0.01	0.01	0.2
FGL016 01+00E		0.64	12.8	1140	8.0	7.7	<0.001	0.06	1.26	6.2	1.2	0.4	45.1	<0.01	<0.01	1.2
FGL016 02+00E		0.98	14.8	610	9.2	11.1	<0.001	0.02	0.73	4.3	0.3	0.5	31.5	<0.01	0.02	1.4
FGL035 00+00		0.86	24.8	510	27.0	9.3	<0.001	0.01	3.96	4.2	0.7	0.4	17.5	<0.01	0.02	2.1
FGL035 01+00W		0.93	21.8	740	22.8	11.5	<0.001	0.01	3.06	6.2	0.6	0.5	19.2	<0.01	0.03	2.5
FGL035 02+00W		0.81	14.8	1160	24.2	14.2	<0.001	0.07	2.02	5.7	0.9	0.4	27.7	<0.01	0.02	2.0
FGL035 03+00W		0.68	14.5	820	12.5	13.3	0.001	0.06	2.94	5.7	1.0	0.3	72.9	<0.01	0.02	1.3
FGL035 04+00W		0.46	4.1	460	3.3	6.2	<0.001	0.04	0.18	0.7	<0.2	0.2	18.7	<0.01	0.01	<0.2
FGL018 00+00		1.26	16.6	640	8.2	8.5	<0.001	0.01	0.58	3.9	0.6	0.5	20.5	<0.01	0.05	2.4
FGL018 01+00E		0.92	11.6	420	8.7	10.5	<0.001	0.02	1.23	3.0	0.2	0.4	16.2	<0.01	0.02	1.3
FGL018 02+00E		0.66	11.9	830	6.7	8.3	<0.001	0.04	0.68	3.1	0.4	0.3	27.5	<0.01	0.02	0.6
FGL018 03+00E		0.61	10.1	710	29.3	7.5	<0.001	0.04	1.48	2.4	0.2	0.3	30.3	<0.01	0.01	0.6
FGL018 04+00E		1.02	16.5	480	28.3	8.4	<0.001	0.01	1.66	4.5	0.6	0.4	20.0	<0.01	0.02	2.5
FGL018 05+00E		0.24	8.4	980	10.8	4.3	<0.001	0.06	1.04	2.1	1.6	0.2	21.0	<0.01	0.02	0.2
FGL018 06+00E		0.57	9.1	900	6.5	5.4	<0.001	0.05	0.35	2.8	0.6	0.4	42.4	<0.01	<0.01	0.3
FGL018 07+00E		0.97	13.7	580	6.9	6.5	<0.001	0.01	0.64	3.1	0.2	0.4	23.5	<0.01	0.02	1.7
FGL018 01+00W		0.46	4.7	380	2.7	5.4	<0.001	0.03	0.37	1.8	0.6	0.2	19.9	<0.01	<0.01	0.2
FGL018 02+00W		0.62	10.7	390	5.3	12.5	<0.001	0.03	0.82	2.2	0.5	0.4	21.0	<0.01	0.01	0.3
FGL018 03+00W		0.49	8.9	500	4.7	11.7	<0.001	0.02	0.64	2.3	0.4	0.3	15.9	<0.01	0.01	0.3
FGL031 00+00		1.31	15.5	590	8.7	12.1	<0.001	0.01	0.92	5.3	0.5	0.6	19.0	<0.01	0.02	2.3
FGL031 01+00E		1.23	11.4	410	6.5	8.5	<0.001	0.01	0.59	2.5	0.2	0.5	14.6	<0.01	0.02	0.8
FGL031 02+00E		1.87	13.7	380	10.4	10.9	<0.001	0.01	0.58	3.3	0.5	0.7	20.1	<0.01	0.02	2.2
FGL031 03+00E		0.77	10.4	330	7.9	10.3	<0.001	0.02	0.61	2.4	0.3	0.5	17.7	<0.01	0.01	0.3
FGL031 04+00E		0.19	5.5	420	2.0	3.8	<0.001	0.01	0.32	0.7	0.2	<0.2	11.2	<0.01	<0.01	<0.2
FGL031 05+00E		1.38	16.0	430	9.6	12.0	<0.001	0.01	0.99	4.6	0.3	0.6	18.5	<0.01	0.02	2.1
FGL031 06+00E		1.33	18.0	430	11.3	11.4	<0.001	0.01	0.98	5.4	0.6	0.6	21.3	<0.01	0.02	3.2
FGL031 07+00E		0.36	8.0	420	5.7	6.3	<0.001	0.02	0.44	1.7	0.4	0.3	14.1	<0.01	0.01	<0.2
FGL031 08+00E		0.91	19.1	680	13.4	10.1	<0.001	0.02	1.15	6.9	0.8	0.4	27.4	<0.01	0.04	2.5
FGL031 09+00E		0.57	12.1	460	10.0	8.4	<0.001	0.03	0.51	2.1	0.4	0.4	28.0	<0.01	0.03	0.3
FGL031 10+00E		0.28	3.4	480	1.3	3.2	<0.001	0.01	0.10	0.8	<0.2	<0.2	12.5	<0.01	0.01	<0.2
FGL031 11+00E		0.71	13.7	650	16.1	11.0	<0.001	0.03	1.54	4.7	0.6	0.4	29.9	<0.01	0.01	1.7
FGL026 00+00		1.04	14.4	520	7.6	12.6	<0.001	0.01	0.71	4.1	0.4	0.5	19.5	<0.01	0.02	1.0
FGL026 01+00E		0.64	12.8	430	8.0	9.8	<0.001	0.01	0.90	2.5	0.3	0.4	15.2	<0.01	0.01	0.3

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

ALS Canada Ltd.
2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 19- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13157933

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
FGL016 00+00		0.031	0.08	0.56	27	0.05	4.18	30	<0.5
FGL016 01+00W		0.042	0.11	0.32	54	0.09	2.86	69	<0.5
FGL016 02+00W		0.083	0.17	0.40	82	0.12	2.92	153	0.5
FGL016 03+00W		0.027	0.25	0.70	39	0.12	4.06	88	<0.5
FGL016 04+00W		0.033	0.06	0.28	26	0.08	2.03	25	<0.5
FGL016 05+00W		0.041	0.15	1.65	45	0.17	15.15	53	0.9
FGL016 06+00W		0.052	0.10	0.99	51	0.13	7.63	56	0.5
FGL016 07+00W		0.037	0.07	1.48	30	0.05	5.71	25	<0.5
FGL016 01+00E		0.037	0.13	0.89	58	0.12	15.55	79	1.1
FGL016 02+00E		0.065	0.11	0.52	57	0.11	4.93	78	0.7
FGL035 00+00		0.042	0.31	0.50	56	0.12	4.84	142	0.5
FGL035 01+00W		0.043	0.26	0.58	56	0.14	9.55	128	<0.5
FGL035 02+00W		0.047	0.32	1.35	61	0.11	13.50	126	0.5
FGL035 03+00W		0.027	0.25	1.14	39	0.11	17.60	94	1.4
FGL035 04+00W		0.031	0.06	0.26	21	0.08	1.58	25	<0.5
FGL018 00+00		0.068	0.11	0.58	54	0.17	4.47	50	1.1
FGL018 01+00E		0.049	0.11	0.67	48	0.37	5.05	46	<0.5
FGL018 02+00E		0.052	0.08	0.67	41	0.26	7.26	52	<0.5
FGL018 03+00E		0.034	0.16	0.49	34	0.15	3.64	74	0.7
FGL018 04+00E		0.059	0.13	0.71	44	0.26	6.57	106	0.8
FGL018 05+00E		0.048	0.12	0.73	54	0.09	5.25	54	<0.5
FGL018 06+00E		0.062	0.11	0.52	56	0.15	4.21	60	<0.5
FGL018 07+00E		0.063	0.08	0.41	57	0.35	4.91	51	<0.5
FGL018 01+00W		0.035	0.06	0.54	26	0.07	15.05	12	<0.5
FGL018 02+00W		0.054	0.09	0.60	41	0.13	6.35	27	<0.5
FGL018 03+00W		0.057	0.09	0.51	48	0.09	3.51	36	<0.5
FGL031 00+00		0.078	0.15	0.85	64	0.20	6.56	52	0.6
FGL031 01+00E		0.077	0.09	0.34	56	0.29	2.63	34	<0.5
FGL031 02+00E		0.079	0.12	0.49	75	0.17	3.17	39	1.2
FGL031 03+00E		0.056	0.15	0.43	56	0.12	4.37	35	<0.5
FGL031 04+00E		0.038	0.04	0.20	27	0.05	1.92	19	<0.5
FGL031 05+00E		0.072	0.15	0.47	64	0.47	4.19	57	0.7
FGL031 06+00E		0.067	0.18	0.75	68	0.16	5.53	66	0.9
FGL031 07+00E		0.043	0.08	0.36	41	0.08	3.00	40	<0.5
FGL031 08+00E		0.057	0.15	0.96	64	0.12	11.25	86	0.6
FGL031 09+00E		0.031	0.10	0.67	47	0.11	5.33	60	<0.5
FGL031 10+00E		0.041	0.03	0.14	27	<0.05	1.42	20	<0.5
FGL031 11+00E		0.032	0.26	0.76	50	0.13	8.37	93	<0.5
FGL026 00+00		0.087	0.12	0.48	64	0.14	5.11	58	<0.5
FGL026 01+00E		0.056	0.16	0.49	56	0.12	2.98	56	<0.5

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

ALS Canada Ltd.
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 19- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13157933

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- TL44 Au ppm 0.001	ME- MS41 Ag ppm 0.01	ME- MS41 Al % 0.01	ME- MS41 As ppm 0.1	ME- MS41 Au ppm 0.2	ME- MS41 B ppm 10	ME- MS41 Ba ppm 10	ME- MS41 Be ppm 0.05	ME- MS41 Bi ppm 0.01	ME- MS41 Ca % 0.01	ME- MS41 Cd ppm 0.01	ME- MS41 Ce ppm 0.02	ME- MS41 Co ppm 0.1	ME- MS41 Cr ppm 1
FGL026 02+00E		0.60	0.006	0.50	1.64	38.0	<0.2	<10	170	0.47	0.08	0.25	0.41	21.7	7.0	30
FGL026 03+00E		0.47	0.006	0.12	1.60	50.0	<0.2	<10	120	0.39	0.08	0.21	0.21	27.7	10.2	30
FGL026 04+00E		0.46	0.005	0.36	1.17	41.5	<0.2	<10	180	0.29	0.08	0.16	0.09	15.85	2.9	14
FGL026 05+00E		0.48	0.004	0.10	1.71	16.7	<0.2	<10	190	0.44	0.16	0.53	0.21	21.4	7.6	22
FGL026 06+00E		0.42	0.009	0.25	1.03	18.8	<0.2	<10	200	0.22	0.09	0.22	0.32	14.50	4.2	17
FGL026 07+00E		0.57	0.007	0.18	2.10	36.6	<0.2	<10	730	0.61	0.10	0.39	0.20	33.5	8.4	30
FGL026 08+00E		0.26	0.004	0.18	1.36	10.1	<0.2	<10	960	0.63	0.07	0.88	0.15	67.7	4.4	14
FGL025 00+00		0.44	0.004	0.16	2.37	21.7	<0.2	<10	180	0.56	0.12	0.22	0.14	23.5	9.1	35
FGL025 01+00E		0.52	0.002	0.23	2.13	28.1	<0.2	<10	220	0.48	0.12	0.24	0.12	26.5	7.5	30
FGL025 02+00E		0.45	0.002	0.23	1.91	16.4	<0.2	<10	210	0.37	0.15	0.17	0.14	19.80	7.6	30
FGL025 03+00E		0.42	0.003	0.19	1.38	11.6	<0.2	<10	170	0.28	0.12	0.17	0.11	18.10	5.0	20
FGL025 04+00E		0.57	0.003	0.13	1.70	14.2	<0.2	<10	200	0.40	0.13	0.24	0.09	25.1	6.6	27
FGL025 05+00E		0.52	0.005	0.18	1.53	21.8	<0.2	<10	180	0.35	0.13	0.27	0.11	28.5	5.7	26
FGL025 06+00E		0.55	0.011	0.10	1.82	45.2	<0.2	<10	180	0.34	0.12	0.27	0.16	22.8	8.9	31
FGL025 07+00E		0.37	0.002	0.27	1.13	16.6	<0.2	<10	180	0.31	0.08	0.26	0.30	18.55	6.4	19
FGL025 08+00E		0.39	0.001	0.13	0.98	6.9	<0.2	<10	190	0.34	0.06	0.46	0.18	20.9	5.4	13
FGL025 09+00E		0.58	0.003	0.13	1.70	18.1	<0.2	<10	520	0.50	0.12	0.54	0.16	30.7	8.4	31
FGL025 10+00E		0.45	0.089	0.38	2.08	253	<0.2	<10	820	0.73	0.14	0.64	0.39	35.1	9.7	32
FGL029 00+00		0.51	0.002	0.08	1.04	11.4	<0.2	<10	150	0.27	0.08	0.29	0.14	19.35	5.0	18
FGL029 01+00E		0.39	0.002	0.10	1.52	11.7	<0.2	<10	270	0.38	0.12	0.36	0.13	21.6	9.3	23
FGL029 02+00E		0.35	0.001	0.07	0.74	3.4	<0.2	<10	200	0.18	0.06	0.40	0.09	9.74	2.9	10
FGL029 03+00E		0.48	0.004	0.16	1.67	11.6	<0.2	<10	620	0.58	0.10	0.53	0.30	31.2	7.5	28
FGL029 04+00E		0.55	0.045	0.07	1.52	41.5	<0.2	<10	760	0.54	0.10	0.49	0.13	28.1	9.3	26
FGL029 05+00E		0.18	0.006	0.15	1.55	11.1	<0.2	<10	760	0.47	0.09	0.92	0.21	19.45	5.6	18
FGL028 00+00		0.33	0.002	0.14	1.39	6.1	<0.2	<10	730	0.43	0.08	0.96	0.21	22.5	7.0	21
FGL028 01+00W		0.26	0.001	0.11	1.03	8.0	<0.2	<10	440	0.30	0.06	0.63	0.16	14.90	4.7	13
FGL028 02+00W		0.32	0.003	0.10	0.83	5.9	<0.2	<10	300	0.27	0.06	0.92	0.26	12.10	5.4	11
FGL028 03+00W		0.32	0.012	0.46	1.10	35.3	<0.2	<10	300	0.37	0.07	0.81	0.29	19.40	5.2	14
FGL028 04+00W		0.51	0.019	0.24	1.76	81.8	<0.2	<10	290	0.50	0.14	0.48	0.21	23.9	9.2	34
FGL028 05+00W		0.56	0.004	0.15	1.39	35.6	<0.2	<10	110	0.32	0.08	0.24	0.31	31.6	7.0	24
FGL027 00+00		0.47	0.011	0.32	1.49	104.0	<0.2	<10	160	0.40	0.09	0.26	0.28	23.1	6.8	28
FGL027 01+00E		0.43	0.008	0.70	1.81	196.0	<0.2	<10	250	0.72	0.10	0.61	0.46	31.3	7.6	35
FGL027 02+00E		0.37	0.002	0.35	0.41	18.6	<0.2	<10	50	0.10	0.03	0.12	0.12	5.88	2.6	5
FGL027 03+00E		0.42	0.007	0.82	1.13	75.5	<0.2	<10	180	0.29	0.06	0.20	0.19	15.90	7.1	14
FGL027 04+00E		0.26	0.002	0.43	1.03	29.7	<0.2	<10	160	0.25	0.07	0.24	0.32	19.90	4.9	14
FGL027 05+00E		0.54	0.003	0.11	1.60	12.9	<0.2	<10	490	0.51	0.07	0.46	0.18	29.0	7.9	25
FGL034 00+00		0.59	0.008	0.12	1.32	105.5	<0.2	<10	160	0.29	0.13	0.33	0.16	20.6	6.1	24
FGL034 01+00E		0.37	0.003	0.13	1.64	18.6	<0.2	<10	280	0.34	0.10	0.47	0.29	24.2	7.9	25
FGL034 02+00E		0.55	0.002	0.09	1.23	7.5	<0.2	<10	320	0.33	0.08	0.53	0.25	16.70	5.5	16
FGL034 03+00E		0.42	0.001	0.13	1.35	7.1	<0.2	<10	410	0.34	0.08	0.58	0.19	18.60	4.9	18

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44 - 12TH AVENUE SOUTH
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Finalized Date: 19- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13157933

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
FGL026 02+00E		3.92	19.1	2.43	4.47	<0.05	<0.02	0.07	0.024	0.08	10.9	11.3	0.46	423	1.08	0.02
FGL026 03+00E		5.62	21.6	3.18	6.01	<0.05	<0.02	0.02	0.028	0.13	12.9	11.5	0.53	626	1.40	0.02
FGL026 04+00E		3.56	14.6	1.29	3.80	<0.05	<0.02	0.04	0.014	0.06	7.8	5.0	0.17	129	0.66	0.03
FGL026 05+00E		2.18	9.9	2.82	6.96	<0.05	<0.02	0.06	0.021	0.14	11.6	13.2	0.63	480	0.49	0.02
FGL026 06+00E		1.77	14.5	1.47	4.49	<0.05	<0.02	0.03	0.014	0.07	7.0	6.0	0.27	245	0.56	0.03
FGL026 07+00E		5.15	21.3	2.77	6.34	0.05	0.02	0.16	0.031	0.09	19.9	12.7	0.50	386	0.74	0.02
FGL026 08+00E		5.10	17.4	1.58	4.53	0.10	<0.02	0.07	0.019	0.06	40.9	5.6	0.24	184	0.38	0.03
FGL025 00+00		2.55	18.6	2.69	5.61	<0.05	0.05	0.03	0.024	0.09	11.6	14.8	0.58	283	0.61	0.01
FGL025 01+00E		4.25	20.2	2.96	6.24	<0.05	0.03	0.02	0.027	0.09	12.5	16.6	0.55	309	1.26	0.01
FGL025 02+00E		1.97	21.2	2.78	6.54	<0.05	0.05	0.02	0.025	0.07	9.9	14.0	0.45	294	1.13	0.02
FGL025 03+00E		1.93	14.0	2.05	5.63	<0.05	<0.02	0.02	0.016	0.06	9.5	10.2	0.33	229	0.76	0.02
FGL025 04+00E		2.00	17.8	2.32	5.95	<0.05	<0.02	0.03	0.024	0.07	12.7	12.3	0.49	233	0.79	0.02
FGL025 05+00E		2.08	17.8	2.18	5.52	0.05	<0.02	0.02	0.022	0.07	16.5	11.6	0.46	202	0.71	0.02
FGL025 06+00E		2.88	18.0	2.74	5.53	<0.05	0.02	0.02	0.027	0.08	11.2	13.0	0.54	378	0.96	0.02
FGL025 07+00E		1.99	20.6	1.71	3.88	<0.05	<0.02	0.09	0.016	0.05	10.1	6.9	0.28	347	1.08	0.03
FGL025 08+00E		0.87	19.5	1.45	3.00	<0.05	0.02	0.05	0.012	0.04	7.9	4.6	0.21	361	0.63	0.03
FGL025 09+00E		1.90	27.2	2.45	5.66	0.06	0.04	0.05	0.028	0.07	17.7	12.8	0.55	325	0.66	0.02
FGL025 10+00E		7.84	25.0	3.19	6.36	0.06	0.02	0.72	0.036	0.10	20.5	14.5	0.52	481	1.36	0.02
FGL029 00+00		2.09	15.2	1.68	3.97	<0.05	<0.02	0.03	0.016	0.06	9.1	7.1	0.33	224	0.47	0.03
FGL029 01+00E		2.44	15.2	2.40	5.02	<0.05	0.02	0.08	0.020	0.04	10.9	8.9	0.39	500	0.73	0.03
FGL029 02+00E		1.90	12.1	0.93	2.85	<0.05	<0.02	0.04	0.010	0.04	4.7	3.8	0.17	125	0.24	0.04
FGL029 03+00E		5.38	14.8	2.46	5.68	0.06	0.03	0.07	0.029	0.09	19.2	11.4	0.54	641	0.47	0.02
FGL029 04+00E		3.43	13.6	2.48	5.18	0.05	0.04	0.08	0.024	0.08	14.5	11.3	0.51	509	0.40	0.02
FGL029 05+00E		2.62	19.2	1.56	4.43	<0.05	0.04	0.06	0.020	0.08	10.1	7.0	0.29	316	0.49	0.04
FGL028 00+00		1.87	16.7	1.95	4.98	<0.05	0.05	0.06	0.019	0.06	11.9	8.1	0.44	518	0.44	0.03
FGL028 01+00W		2.45	12.6	1.31	3.54	<0.05	0.02	0.06	0.012	0.05	7.9	5.4	0.23	382	0.38	0.04
FGL028 02+00W		2.05	19.1	1.29	3.24	<0.05	0.04	0.07	0.010	0.04	5.9	3.9	0.18	689	0.36	0.04
FGL028 03+00W		5.92	24.6	1.75	3.83	0.06	0.03	0.12	0.019	0.05	12.0	5.2	0.23	450	0.84	0.03
FGL028 04+00W		5.21	25.7	2.56	5.59	0.05	0.02	0.08	0.027	0.08	12.8	11.3	0.53	514	1.32	0.02
FGL028 05+00W		3.57	18.9	2.50	5.37	0.06	<0.02	0.03	0.021	0.10	14.3	8.7	0.40	378	0.91	0.03
FGL027 00+00		4.48	19.9	2.27	4.75	<0.05	<0.02	0.04	0.023	0.06	11.3	9.0	0.38	325	1.10	0.03
FGL027 01+00E		15.65	33.6	2.83	6.71	0.06	<0.02	0.11	0.037	0.10	20.3	12.1	0.40	483	1.65	0.03
FGL027 02+00E		1.75	5.0	0.94	2.02	<0.05	<0.02	0.05	0.006	0.03	2.9	1.4	0.06	118	0.26	0.04
FGL027 03+00E		7.07	12.7	2.00	4.00	<0.05	<0.02	0.13	0.018	0.05	8.6	4.9	0.14	430	1.37	0.04
FGL027 04+00E		3.99	13.1	1.43	3.95	<0.05	<0.02	0.09	0.015	0.05	11.3	7.2	0.25	340	0.91	0.03
FGL027 05+00E		4.21	12.0	2.50	6.50	0.06	0.02	0.07	0.027	0.07	17.5	11.6	0.57	374	0.35	0.03
FGL034 00+00		3.88	15.7	2.33	4.55	<0.05	<0.02	0.05	0.021	0.07	10.7	9.7	0.45	247	2.09	0.02
FGL034 01+00E		3.82	15.7	2.61	5.92	<0.05	0.03	0.05	0.028	0.06	12.0	13.2	0.52	309	0.81	0.03
FGL034 02+00E		3.89	17.2	1.86	4.10	<0.05	0.03	0.05	0.016	0.05	8.1	6.9	0.31	373	0.44	0.04
FGL034 03+00E		3.61	19.1	1.78	4.52	<0.05	0.02	0.06	0.017	0.06	10.2	6.9	0.32	221	0.37	0.04

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

ALS Canada Ltd.
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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 19- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13157933

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
FGL026 02+00E		0.89	24.5	690	16.5	10.7	<0.001	0.01	2.30	4.0	0.3	0.4	17.4	<0.01	0.03	2.2
FGL026 03+00E		0.84	16.1	740	10.3	22.2	<0.001	0.01	1.78	4.5	0.4	0.4	13.3	<0.01	0.04	1.6
FGL026 04+00E		0.48	7.8	450	5.5	12.1	<0.001	0.03	0.52	1.9	0.4	0.3	18.7	<0.01	0.01	<0.2
FGL026 05+00E		0.93	10.0	1450	4.8	12.6	<0.001	0.02	0.47	4.1	0.3	0.4	24.7	<0.01	<0.01	1.4
FGL026 06+00E		0.60	9.8	400	6.7	13.2	<0.001	0.02	0.46	1.9	0.4	0.3	20.6	<0.01	0.01	0.2
FGL026 07+00E		0.84	18.5	700	8.5	11.1	<0.001	0.03	0.73	6.6	0.7	0.4	32.7	<0.01	0.02	1.8
FGL026 08+00E		0.54	9.8	630	4.3	8.1	0.001	0.07	0.50	2.9	1.0	0.3	53.6	<0.01	0.02	0.3
FGL025 00+00		1.55	21.9	550	8.3	13.1	<0.001	0.01	1.11	4.9	0.4	0.5	16.5	<0.01	0.03	3.3
FGL025 01+00E		1.37	18.7	440	9.1	14.1	<0.001	0.01	1.15	4.9	0.4	0.5	20.3	<0.01	0.02	3.0
FGL025 02+00E		1.91	15.9	310	8.7	12.9	<0.001	0.01	0.57	3.4	0.2	0.6	20.2	<0.01	0.03	2.7
FGL025 03+00E		1.00	9.5	370	6.6	11.1	<0.001	0.01	0.57	2.5	0.3	0.4	16.5	<0.01	0.02	0.6
FGL025 04+00E		1.20	15.7	310	7.7	10.9	<0.001	0.01	0.69	3.9	0.4	0.5	19.6	<0.01	0.02	1.8
FGL025 05+00E		1.12	16.2	380	9.0	10.3	<0.001	0.01	0.71	4.6	0.4	0.5	21.3	<0.01	0.02	1.8
FGL025 06+00E		1.11	21.1	530	16.2	11.4	<0.001	0.01	1.21	4.2	0.5	0.5	21.1	<0.01	0.01	2.0
FGL025 07+00E		0.46	12.3	670	6.9	6.6	<0.001	0.03	0.55	2.3	0.6	0.3	22.1	<0.01	0.01	0.3
FGL025 08+00E		0.52	9.6	720	3.7	4.3	<0.001	0.05	0.47	1.8	0.5	0.2	33.7	<0.01	<0.01	0.4
FGL025 09+00E		1.18	20.7	720	10.4	9.3	<0.001	0.02	0.83	5.4	0.8	0.5	33.9	<0.01	0.02	2.5
FGL025 10+00E		0.90	19.2	700	72.4	14.1	<0.001	0.04	2.35	7.4	0.8	0.5	53.3	<0.01	0.02	2.1
FGL029 00+00		0.68	12.8	690	8.6	7.2	<0.001	0.02	0.86	2.0	0.3	0.3	20.2	<0.01	0.01	0.6
FGL029 01+00E		0.83	13.1	890	8.2	7.0	<0.001	0.05	0.86	2.9	0.6	0.4	27.2	<0.01	0.03	0.8
FGL029 02+00E		0.46	5.5	440	3.6	6.5	<0.001	0.03	0.34	1.1	0.2	0.2	35.9	<0.01	0.01	0.2
FGL029 03+00E		0.86	15.6	730	15.9	14.0	<0.001	0.03	0.92	5.0	0.6	0.4	40.7	<0.01	0.02	2.0
FGL029 04+00E		0.99	16.1	660	10.0	10.9	<0.001	0.02	1.05	4.5	0.4	0.4	40.0	<0.01	0.02	2.4
FGL029 05+00E		0.76	12.9	670	6.9	11.0	<0.001	0.07	0.75	2.8	0.5	0.3	114.5	<0.01	0.02	0.6
FGL028 00+00		0.72	12.8	920	6.5	7.9	<0.001	0.07	0.63	3.1	0.5	0.3	76.3	<0.01	0.02	0.8
FGL028 01+00W		0.63	8.2	600	6.3	8.5	<0.001	0.04	0.46	1.9	0.3	0.3	53.3	<0.01	0.01	0.5
FGL028 02+00W		0.57	7.3	810	7.7	4.8	<0.001	0.07	0.67	1.6	0.3	0.2	86.3	<0.01	<0.01	0.4
FGL028 03+00W		0.63	10.3	890	8.5	8.5	0.001	0.08	2.02	3.2	1.1	0.2	59.3	<0.01	0.02	0.6
FGL028 04+00W		1.03	22.4	760	18.2	10.9	0.001	0.03	1.75	4.5	0.4	0.5	36.3	<0.01	0.03	1.5
FGL028 05+00W		0.87	13.5	640	11.5	14.1	<0.001	0.02	1.31	3.3	0.5	0.4	16.4	<0.01	0.01	1.1
FGL027 00+00		0.83	21.5	440	15.4	9.3	<0.001	0.01	2.84	3.8	0.5	0.4	18.4	<0.01	0.02	1.4
FGL027 01+00E		0.69	24.5	820	16.5	18.9	<0.001	0.04	4.27	5.9	0.7	0.4	31.0	<0.01	0.03	0.7
FGL027 02+00E		0.23	3.2	420	4.1	3.6	0.001	0.01	0.59	0.7	<0.2	<0.2	10.2	<0.01	<0.01	<0.2
FGL027 03+00E		0.47	10.5	600	9.5	8.4	0.001	0.04	1.94	3.2	0.6	0.2	16.6	<0.01	0.02	0.6
FGL027 04+00E		0.46	8.7	770	5.9	5.8	<0.001	0.04	0.69	2.8	0.9	0.2	18.8	<0.01	0.01	0.5
FGL027 05+00E		0.84	12.0	970	9.0	9.7	<0.001	0.04	1.07	5.0	0.5	0.4	31.2	<0.01	0.01	1.9
FGL034 00+00		0.99	18.1	710	10.7	8.5	<0.001	0.02	2.55	3.1	0.5	0.4	21.8	<0.01	0.02	1.7
FGL034 01+00E		1.16	14.9	680	14.8	9.8	<0.001	0.03	1.43	4.5	0.5	0.5	27.2	<0.01	0.02	3.3
FGL034 02+00E		0.69	9.5	750	7.9	8.2	0.001	0.05	0.73	2.5	0.2	0.3	43.6	<0.01	0.02	0.8
FGL034 03+00E		0.74	10.6	840	7.1	8.9	<0.001	0.05	0.66	2.7	<0.2	0.3	48.3	<0.01	0.01	0.6

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

ALS Canada Ltd.
2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 19- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13157933

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
FGL026 02+00E		0.056	0.24	0.53	53	0.14	5.08	137	<0.5
FGL026 03+00E		0.077	0.19	0.55	71	0.10	5.52	104	<0.5
FGL026 04+00E		0.030	0.10	0.51	30	0.10	4.51	29	<0.5
FGL026 05+00E		0.128	0.08	0.41	67	0.14	6.71	91	<0.5
FGL026 06+00E		0.048	0.09	0.38	40	0.11	3.59	46	<0.5
FGL026 07+00E		0.035	0.15	0.71	57	0.12	12.40	70	0.6
FGL026 08+00E		0.022	0.09	0.64	33	0.09	29.8	34	<0.5
FGL025 00+00		0.079	0.13	0.53	59	0.16	4.96	55	1.6
FGL025 01+00E		0.055	0.14	0.52	64	0.18	6.22	61	1.2
FGL025 02+00E		0.093	0.10	0.43	67	0.20	2.82	47	2.0
FGL025 03+00E		0.067	0.10	0.40	56	0.19	3.22	36	<0.5
FGL025 04+00E		0.066	0.12	0.52	58	0.24	4.51	49	<0.5
FGL025 05+00E		0.074	0.12	0.58	54	0.14	7.96	55	<0.5
FGL025 06+00E		0.068	0.15	0.45	60	0.21	4.21	75	0.5
FGL025 07+00E		0.041	0.08	1.09	44	0.56	5.85	47	<0.5
FGL025 08+00E		0.044	0.05	0.50	38	0.07	5.42	28	0.6
FGL025 09+00E		0.067	0.11	0.93	57	0.16	11.45	62	1.2
FGL025 10+00E		0.029	0.61	1.17	59	0.21	14.55	135	0.5
FGL029 00+00		0.054	0.09	0.41	40	0.12	4.16	52	<0.5
FGL029 01+00E		0.044	0.14	0.79	54	0.16	5.92	51	0.6
FGL029 02+00E		0.035	0.08	0.27	24	0.07	2.27	31	<0.5
FGL029 03+00E		0.045	0.25	0.71	51	0.15	10.05	120	1.0
FGL029 04+00E		0.047	0.18	0.55	49	0.15	7.51	73	1.2
FGL029 05+00E		0.030	0.12	0.46	29	0.11	7.52	62	1.2
FGL028 00+00		0.038	0.09	0.56	43	0.10	8.85	62	1.4
FGL028 01+00W		0.039	0.08	0.35	31	0.10	5.52	48	0.8
FGL028 02+00W		0.038	0.12	0.49	30	0.06	3.97	49	1.7
FGL028 03+00W		0.035	0.15	0.85	38	0.09	16.40	72	1.2
FGL028 04+00W		0.058	0.17	1.00	55	0.17	5.94	89	0.8
FGL028 05+00W		0.087	0.21	0.66	60	0.11	6.37	80	<0.5
FGL027 00+00		0.053	0.22	0.51	52	0.25	5.75	111	<0.5
FGL027 01+00E		0.032	0.45	0.81	64	0.18	11.50	164	<0.5
FGL027 02+00E		0.041	0.08	0.14	32	<0.05	1.68	38	<0.5
FGL027 03+00E		0.038	0.20	0.52	46	0.10	6.33	84	<0.5
FGL027 04+00E		0.042	0.12	0.69	35	0.08	6.62	51	<0.5
FGL027 05+00E		0.046	0.13	0.59	59	0.12	10.95	82	0.8
FGL034 00+00		0.060	0.18	0.44	50	0.14	4.47	81	0.5
FGL034 01+00E		0.065	0.17	0.70	60	0.15	5.89	87	1.2
FGL034 02+00E		0.038	0.13	0.57	40	0.09	4.91	54	1.0
FGL034 03+00E		0.056	0.15	0.49	49	0.11	6.25	63	0.7

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 19- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13157933

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- TL44 Au ppm 0.001	ME- MS41 Ag ppm 0.01	ME- MS41 Al % 0.01	ME- MS41 As ppm 0.1	ME- MS41 Au ppm 0.2	ME- MS41 B ppm 10	ME- MS41 Ba ppm 10	ME- MS41 Be ppm 0.05	ME- MS41 Bi ppm 0.01	ME- MS41 Ca % 0.01	ME- MS41 Cd ppm 0.01	ME- MS41 Ce ppm 0.02	ME- MS41 Co ppm 0.1	ME- MS41 Cr ppm 1
FGL034 04+00E		0.69	0.005	0.11	1.55	12.0	<0.2	<10	520	0.34	0.10	0.51	0.17	24.1	7.7	26
FGL034 05+00E		0.44	0.039	0.08	1.23	76.7	<0.2	<10	790	0.37	0.09	0.69	0.19	19.40	5.9	20
FGL030 00+00		0.52	0.005	0.14	1.65	52.1	<0.2	<10	160	0.35	0.13	0.20	0.13	23.8	6.8	27
FGL030 01+00E		0.42	0.006	0.16	1.64	22.8	<0.2	<10	150	0.40	0.11	0.26	0.14	26.7	10.0	29
FGL030 02+00E		0.55	0.001	0.36	1.21	8.3	<0.2	<10	170	0.31	0.11	0.29	0.11	19.25	5.8	17
FGL030 03+00E		0.41	0.002	0.16	1.45	13.1	<0.2	<10	130	0.28	0.12	0.13	0.12	16.90	5.8	22
FGL030 04+00E		0.38	0.001	0.09	1.58	9.5	<0.2	<10	140	0.37	0.14	0.21	0.10	20.6	6.2	24
FGL030 05+00E		0.32	<0.001	0.07	0.89	6.2	<0.2	<10	100	0.19	0.07	0.21	0.09	14.50	5.2	15
FGL030 06+00E		0.52	0.001	0.22	1.60	12.7	<0.2	<10	150	0.28	0.15	0.23	0.09	22.8	5.7	26
FGL030 07+00E		0.40	0.001	0.15	1.42	16.4	<0.2	<10	130	0.31	0.10	0.24	0.25	18.25	6.8	21
FGL030 08+00E		0.31	<0.001	0.07	0.65	5.1	<0.2	<10	40	0.10	0.04	0.07	0.14	6.08	2.6	6
FGL030 09+00E		0.43	0.002	0.08	1.38	11.0	<0.2	<10	240	0.30	0.11	0.37	0.11	18.95	6.7	20
FGL030 10+00E		0.47	0.002	0.08	1.65	13.8	<0.2	<10	330	0.44	0.12	0.52	0.12	25.5	9.6	28
FGL030 11+00E		0.63	0.013	0.10	1.35	63.0	<0.2	<10	440	0.53	0.10	0.40	0.07	26.0	10.1	22
FGL032 00+00		0.61	0.004	0.22	1.68	59.7	<0.2	<10	180	0.50	0.12	0.32	0.12	26.7	13.7	46
FGL032 01+00E		0.63	0.006	0.27	1.69	54.0	<0.2	<10	160	0.46	0.13	0.15	0.23	20.7	8.2	28
FGL032 02+00E		0.70	0.008	0.62	1.63	82.0	<0.2	<10	230	0.50	0.11	0.25	0.30	23.3	9.5	32
FGL032 03+00E		0.42	0.004	0.36	1.22	65.3	<0.2	<10	150	0.37	0.10	0.15	0.33	20.7	6.9	21
FGL032 04+00E		0.58	0.003	0.16	1.49	54.8	<0.2	<10	220	0.30	0.13	0.18	0.34	21.3	8.3	27
FGL032 05+00E		0.40	0.002	0.33	1.23	38.8	<0.2	<10	300	0.30	0.09	0.29	0.41	21.2	5.3	19
FGL032 06+00E		0.44	0.007	0.21	1.15	17.4	<0.2	<10	320	0.39	0.08	0.18	0.15	23.3	3.7	15
FGL032 07+00E		0.45	0.008	0.22	1.48	32.8	<0.2	<10	460	0.49	0.11	0.50	0.14	32.3	6.0	19
FGL032 08+00E		0.39	0.003	0.15	1.52	39.2	<0.2	<10	900	0.55	0.09	0.50	0.26	49.5	14.9	21
FGL033 00+00		0.26	0.002	0.06	1.05	14.3	<0.2	<10	470	0.28	0.08	0.59	0.17	13.65	4.9	14
FGL033 01+00W		0.43	0.001	0.06	1.39	10.6	<0.2	<10	320	0.37	0.10	0.40	0.14	17.70	6.7	19
FGL033 02+00W		0.57	0.067	0.19	0.89	241	<0.2	<10	390	0.37	0.09	0.61	0.42	22.2	7.3	18
FGL033 03+00W		0.31	0.025	1.44	1.10	57.6	<0.2	<10	280	0.39	0.11	0.68	1.31	18.80	7.7	16
FGL033 04+00W		0.43	0.021	1.30	1.86	172.5	<0.2	<10	280	0.52	0.08	0.56	0.63	43.0	9.8	50
FGL033 05+00W		0.57	0.005	0.36	1.55	68.3	<0.2	<10	160	0.39	0.06	0.40	0.22	27.5	7.7	21

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

ALS Canada Ltd.
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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 19- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13157933

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
FGL034 04+00E		3.38	13.2	2.25	5.07	0.05	0.04	0.06	0.022	0.08	11.3	11.4	0.51	535	0.36	0.03
FGL034 05+00E		1.98	13.7	1.88	4.24	<0.05	0.03	0.09	0.018	0.07	10.2	7.9	0.37	448	0.42	0.03
FGL030 00+00		2.42	17.5	2.70	6.14	<0.05	<0.02	0.06	0.023	0.09	12.3	11.8	0.45	258	0.85	0.02
FGL030 01+00E		2.42	16.8	2.54	5.32	0.05	0.04	0.04	0.025	0.10	12.9	12.4	0.56	489	0.64	0.02
FGL030 02+00E		2.97	22.8	1.76	4.96	<0.05	<0.02	0.03	0.017	0.07	10.8	6.2	0.29	319	0.82	0.04
FGL030 03+00E		1.95	15.6	2.18	5.53	<0.05	<0.02	0.04	0.018	0.07	7.7	9.7	0.36	191	1.04	0.03
FGL030 04+00E		1.63	18.5	2.31	6.04	<0.05	<0.02	0.02	0.019	0.05	10.8	9.9	0.34	189	0.94	0.02
FGL030 05+00E		1.27	10.8	1.74	3.87	<0.05	<0.02	0.02	0.015	0.06	6.7	6.5	0.27	234	0.49	0.03
FGL030 06+00E		1.66	11.8	2.33	6.50	<0.05	<0.02	0.03	0.020	0.06	11.5	12.6	0.47	228	0.82	0.02
FGL030 07+00E		1.66	22.4	2.11	4.68	<0.05	<0.02	0.03	0.021	0.05	7.7	8.7	0.30	278	0.79	0.03
FGL030 08+00E		0.92	8.9	1.20	3.07	<0.05	<0.02	0.03	0.007	0.03	3.0	3.6	0.09	80	0.43	0.04
FGL030 09+00E		1.98	15.3	2.19	5.34	<0.05	<0.02	0.03	0.018	0.05	9.1	9.1	0.34	322	0.75	0.03
FGL030 10+00E		1.71	22.2	2.23	6.02	<0.05	0.03	0.04	0.026	0.05	13.1	12.5	0.53	329	0.76	0.01
FGL030 11+00E		3.27	17.5	2.31	5.01	<0.05	0.03	0.14	0.020	0.06	14.3	9.1	0.38	388	0.74	0.01
FGL032 00+00		5.00	30.8	3.03	6.62	<0.05	<0.02	0.03	0.034	0.08	14.0	11.8	0.51	533	2.27	0.01
FGL032 01+00E		4.25	21.5	2.36	5.94	<0.05	<0.02	0.05	0.023	0.06	10.0	11.5	0.37	239	1.46	0.01
FGL032 02+00E		7.08	28.7	2.57	5.77	<0.05	<0.02	0.07	0.024	0.07	12.4	11.4	0.45	454	1.48	0.01
FGL032 03+00E		4.00	17.4	2.27	5.65	<0.05	<0.02	0.04	0.015	0.07	10.8	8.1	0.28	370	1.02	0.01
FGL032 04+00E		5.54	19.4	2.48	6.05	<0.05	0.02	0.03	0.024	0.08	11.1	12.4	0.47	389	1.47	0.01
FGL032 05+00E		3.87	24.8	1.99	5.39	<0.05	<0.02	0.04	0.017	0.07	11.7	6.5	0.34	212	0.73	0.01
FGL032 06+00E		3.65	17.1	1.41	4.67	<0.05	<0.02	0.14	0.014	0.05	13.9	5.9	0.19	138	0.54	0.02
FGL032 07+00E		4.96	17.3	1.97	5.77	<0.05	<0.02	0.09	0.031	0.06	19.3	6.6	0.24	285	0.67	0.02
FGL032 08+00E		4.67	18.6	2.60	5.55	0.07	0.03	0.10	0.021	0.06	29.6	9.2	0.39	925	0.67	0.01
FGL033 00+00		4.08	14.0	1.21	4.07	<0.05	0.02	0.04	0.009	0.06	7.1	6.9	0.26	256	0.41	0.02
FGL033 01+00W		4.25	13.3	1.88	5.82	<0.05	<0.02	0.02	0.014	0.06	8.4	10.3	0.37	246	0.45	0.02
FGL033 02+00W		4.90	15.4	2.05	3.48	<0.05	0.03	0.12	0.015	0.06	13.2	6.6	0.32	415	0.51	0.01
FGL033 03+00W		7.49	26.7	1.39	4.00	<0.05	0.03	0.16	0.015	0.06	10.2	5.7	0.20	851	1.14	0.02
FGL033 04+00W		10.80	33.1	3.18	7.77	0.08	0.02	0.17	0.035	0.10	28.6	10.9	0.62	692	3.45	0.01
FGL033 05+00W		7.26	25.1	2.53	6.92	0.05	<0.02	0.05	0.020	0.24	15.8	8.6	0.43	400	0.74	0.02

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

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44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 19- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13157933

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
FGL034 04+00E		1.06	15.2	560	12.7	11.5	<0.001	0.03	0.67	3.9	0.2	0.4	40.0	<0.01	0.02	2.0
FGL034 05+00E		0.76	12.1	730	6.4	7.9	<0.001	0.05	0.85	2.8	0.3	0.3	64.3	<0.01	0.03	0.9
FGL030 00+00		1.12	15.0	480	8.7	13.8	<0.001	0.01	2.49	3.7	0.2	0.6	16.9	<0.01	0.01	1.5
FGL030 01+00E		1.32	17.2	630	8.3	12.9	<0.001	0.01	1.43	4.5	0.3	0.5	15.5	<0.01	0.02	3.7
FGL030 02+00E		0.66	8.7	400	5.5	16.4	<0.001	0.02	0.55	2.7	0.3	0.4	21.3	<0.01	0.02	0.4
FGL030 03+00E		1.38	12.2	280	7.4	11.2	<0.001	0.02	0.72	2.6	0.2	0.5	13.4	<0.01	0.02	1.5
FGL030 04+00E		1.27	11.9	450	8.0	10.9	<0.001	0.01	0.58	2.5	0.2	0.6	19.6	<0.01	0.02	1.0
FGL030 05+00E		0.68	8.8	550	4.2	9.9	<0.001	0.01	0.38	1.8	0.2	0.3	16.0	<0.01	0.01	0.6
FGL030 06+00E		1.62	13.1	300	8.0	9.4	<0.001	0.01	0.61	3.3	0.2	0.6	16.7	<0.01	0.01	2.0
FGL030 07+00E		1.08	14.6	370	6.4	8.2	<0.001	0.02	0.75	2.4	0.2	0.4	24.0	<0.01	0.02	1.4
FGL030 08+00E		0.48	3.1	170	2.3	3.7	0.001	0.02	0.21	0.8	<0.2	0.2	9.0	<0.01	0.02	0.3
FGL030 09+00E		0.74	11.0	370	7.6	10.1	<0.001	0.02	0.44	2.3	0.2	0.4	27.0	<0.01	0.02	0.5
FGL030 10+00E		1.14	16.6	780	9.1	8.8	<0.001	0.03	0.67	4.2	0.8	0.4	36.3	<0.01	0.02	1.7
FGL030 11+00E		0.89	14.9	600	7.7	8.8	<0.001	0.02	0.82	5.2	0.9	0.4	29.9	<0.01	0.01	2.2
FGL032 00+00		1.04	33.5	600	13.4	12.7	<0.001	0.01	2.07	6.5	1.0	0.5	21.1	<0.01	0.03	2.8
FGL032 01+00E		1.33	21.5	450	11.0	11.3	<0.001	<0.01	1.53	5.0	0.8	0.5	15.1	<0.01	0.02	2.4
FGL032 02+00E		0.87	25.4	560	18.9	14.2	<0.001	0.01	2.91	5.7	0.7	0.4	21.7	<0.01	0.03	1.9
FGL032 03+00E		0.75	12.7	510	9.4	14.9	<0.001	0.01	1.30	3.0	0.4	0.4	15.1	<0.01	0.02	0.6
FGL032 04+00E		1.40	17.6	380	11.6	12.9	<0.001	0.01	1.23	4.4	0.5	0.5	17.9	<0.01	0.02	2.6
FGL032 05+00E		0.62	12.3	620	6.0	11.8	<0.001	0.02	0.89	2.7	0.4	0.4	24.9	<0.01	0.01	0.3
FGL032 06+00E		0.48	8.0	680	5.3	9.9	<0.001	0.04	0.48	2.5	0.4	0.3	19.4	<0.01	0.01	0.2
FGL032 07+00E		0.76	9.8	600	7.4	10.0	<0.001	0.03	1.51	3.4	0.7	0.4	36.1	<0.01	0.02	0.6
FGL032 08+00E		0.83	15.4	830	7.3	10.8	<0.001	0.04	1.14	5.6	0.9	0.4	40.5	<0.01	0.02	1.4
FGL033 00+00		0.69	9.2	550	5.1	11.2	<0.001	0.04	0.64	2.1	0.4	0.3	53.9	<0.01	0.01	0.4
FGL033 01+00W		0.96	11.8	570	7.3	9.8	<0.001	0.02	0.55	2.9	0.3	0.4	37.8	<0.01	0.01	0.9
FGL033 02+00W		0.76	12.7	850	12.9	9.7	<0.001	0.02	4.34	4.7	0.7	0.3	46.4	<0.01	0.01	2.3
FGL033 03+00W		0.71	15.2	860	27.5	14.6	<0.001	0.07	2.18	3.3	0.9	0.2	53.8	<0.01	0.01	0.7
FGL033 04+00W		0.94	25.3	1240	23.2	17.5	<0.001	0.04	5.44	8.3	1.5	0.5	35.1	<0.01	0.03	3.1
FGL033 05+00W		0.42	10.9	1410	8.9	19.2	<0.001	0.03	2.47	4.5	0.7	0.4	26.0	<0.01	0.02	0.4

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

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To: **TERRALOGIC EXPLORATION SERVICES INC.**
44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 19- SEP- 2013
Account: TELOEX

Project: ALSM- CW13- 042- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13157933

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
FGL034 04+00E		0.058	0.17	0.49	48	0.33	4.00	82	1.2
FGL034 05+00E		0.040	0.12	0.45	39	0.16	6.40	58	0.9
FGL030 00+00		0.079	0.21	0.57	62	0.17	4.72	57	<0.5
FGL030 01+00E		0.083	0.14	0.56	55	0.15	5.25	57	1.4
FGL030 02+00E		0.061	0.11	0.58	47	0.11	4.99	34	<0.5
FGL030 03+00E		0.079	0.09	0.39	54	0.16	2.66	40	0.6
FGL030 04+00E		0.078	0.10	0.49	57	0.20	3.12	38	<0.5
FGL030 05+00E		0.069	0.06	0.30	47	0.28	2.73	34	<0.5
FGL030 06+00E		0.084	0.14	0.47	59	0.17	3.49	42	0.5
FGL030 07+00E		0.060	0.08	0.36	50	0.16	2.82	42	<0.5
FGL030 08+00E		0.042	0.03	0.16	33	0.07	1.02	21	<0.5
FGL030 09+00E		0.058	0.10	0.44	58	0.13	4.06	48	<0.5
FGL030 10+00E		0.056	0.10	0.82	54	0.14	7.04	57	0.8
FGL030 11+00E		0.037	0.18	0.93	46	0.18	9.28	51	0.8
FGL032 00+00		0.054	0.23	0.78	83	0.16	7.13	106	0.5
FGL032 01+00E		0.052	0.20	0.64	52	0.20	6.16	69	<0.5
FGL032 02+00E		0.044	0.26	0.72	59	0.21	8.80	122	<0.5
FGL032 03+00E		0.061	0.14	0.62	59	0.13	4.91	75	<0.5
FGL032 04+00E		0.072	0.18	0.57	61	0.14	5.55	87	0.7
FGL032 05+00E		0.041	0.09	0.65	47	0.11	7.03	61	<0.5
FGL032 06+00E		0.030	0.16	0.93	34	0.09	7.56	40	<0.5
FGL032 07+00E		0.032	0.12	0.81	47	0.14	11.20	44	<0.5
FGL032 08+00E		0.028	0.13	0.73	46	0.13	23.8	62	0.7
FGL033 00+00		0.029	0.10	0.41	27	0.11	5.19	46	0.8
FGL033 01+00W		0.049	0.09	0.42	47	0.29	4.36	56	0.5
FGL033 02+00W		0.034	0.25	0.74	36	0.59	9.54	96	1.2
FGL033 03+00W		0.026	0.29	0.87	31	0.10	10.90	130	1.0
FGL033 04+00W		0.056	0.52	1.87	97	0.09	21.4	182	0.6
FGL033 05+00W		0.072	0.26	0.63	63	0.08	11.90	127	<0.5

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44 - 12TH AVENUE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 19- SEP- 2013
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Project: ALSM- CW13- 042- R1- TELOEX

CERTIFICATE OF ANALYSIS WH13157933

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: Gold determinations by this method are semi- quantitative due to the small sample weight used (0.5g).
ME- MS41

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
LOG- 22 SCR- 41 WEI- 21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- TL44 ME- MS41

Appendix VI – Bedrock Geologic Mapping

6.1 Station Locations
6.2 Lithology
6.3 Structure
- 6.3.1 Structural Data Table
- 6.3.2 Stereonet Plots
  - 6.3.2.1 Irene Structure
  - 6.3.2.2 Irene Vein
  - 6.3.2.3 Slickenline
  - 6.3.2.4 Vein
  - 6.3.2.5 Vein/Cleavage
  - 6.3.2.6 Vein/Dyke
  - 6.3.2.7 Vein/Dyke/Foliation
  - 6.3.2.8 Vein/Fault
  - 6.3.2.9 Vein/Foliation
  - 6.3.2.10 Vein/Fracture
  - 6.3.2.11 Vein/Mineralization

Appendix 6.1 - Station Locations and Descriptions

Station Number	Project	User	Date	Time	Location Method	Map Datum	UTM Zone	Elevation (M)	Easting	Northing	Accuracy (m)	Notes
AHFGG001	FG	AH	13-Aug-13	2:58:07 PM	GPS	NAD83	8N		386568	6910444	8	exposed fault zone in placer workings
AHFGG002	FG	AH	14-Aug-13	5:39:42 PM	GPS	NAD83	8N	739	380218	6913963	7	
AHFGG003	FG	AH	19-Aug-13	7:54:44 PM	GPS	NAD83	8N		387711	6910714	3	Candy trench
AHFGG004	FG	AH	19-Aug-13	10:12:28 AM	GPS	NAD83	8N	1453	389947	6907881	3	Summit zone trench, trends 355
AHFGG005	FG	AH	20-Aug-13	9:19:09 AM	GPS	NAD83	8N	4	387762	6910454	3	
AHFGG006	FG	AH	22-Aug-13	7:29:51 PM	GPS	NAD83	8N		393605	6904680	2	
AHFGG007	FG	AH	22-Aug-13	7:31:46 PM	GPS	NAD83	8N		393486	6904453	3	
AHFGG008	FG	AH	22-Aug-13	7:37:17 PM	GPS	NAD83	8N		393657	6904494	3	western trench hole, golden bunny zone
AHFGG009	FG	AH	22-Aug-13	7:47:31 PM	GPS	NAD83	8N		393486	6904453	3	western end of trench 88-2
AHFGG010	FG	AH	22-Aug-13	7:48:24 PM	GPS	NAD83	8N		393679	6904455	8	eastern end of trench 88-2
AHFGG011	FG	AH	22-Aug-13	9:50:30 AM	GPS	NAD83	8N		393680	6904494	2	eastern pit at golden bunny zone
AHFGG012	FG	AH	22-Aug-13	11:50:32 AM	GPS	NAD83	8N		393680	6904630	3	sample pit, 2m deep to c horizon
AHFGG013	FG	AH	25-Aug-13	12:45:40 PM	GPS	NAD83	8N	1228	393180	6904494	4	
AHFGG014	FG	AH	25-Aug-13	1:58:32 PM	GPS	NAD83	8N	1253	393157	6904610	3	following up as geochem, hut permafrost, rock types pieces out of pit
AHFGG015	FG	AH	26-Aug-13	9:49:15 AM	GPS	NAD83	8N	824	386585	6910444		fault zone is pre min, large crstals of stibnite and bi in ductile gouge
AHFGG016	FG	AH	27-Aug-13	3:22:42 PM	GPS	NAD83	8N		386550	6910470	10	50 m trending 127 to station AHFGG015
AHFGG017	FG	AH	27-Aug-13	4:56:15 PM	GPS	NAD83	8N	821	386586	6910433	9	10 m due south from station AHFGG015
CRFGG001	FG	CR	16-Aug-13	9:35:26 PM	GPS	NAD83	8N	1066	387165	6911188		
CRFGG002	FG	CR	16-Aug-13	10:03:15 PM	GPS	NAD83	8N	1049	387113	6911197	7	
CRFGG003	FG	CR	16-Aug-13	10:14:12 PM	GPS	NAD83	8N		387679	6911193		
CRFGG004	FG	CR	18-Aug-13	6:55:57 PM	GPS	NAD83	8N	1077	387982	6911459		
CRFGG005	FG	CR	18-Aug-13	6:54:06 PM	GPS	NAD83	8N	940	387866	6906928	4	
CRFGG006	FG	CR	21-Aug-13	1:06:54 PM	GPS	NAD83	8N	1044	387515	6911713	3	
CRFGG007	FG	CR	23-Aug-13	8:18:53 PM	GPS	NAD83	8N	1299	393354	6905599	3	
CRFGG008	FG	CR	23-Aug-13	8:32:28 PM	GPS	NAD83	8N	1309	393400	6905598	3	
CRFGG009	FG	CR	23-Aug-13	8:52:14 PM	GPS	NAD83	8N		393401	6905515	3	
CRFGG010	FG	CR	23-Aug-13	9:07:58 PM		NAD83			393396	6905603		
MMFGG001	FG	MM	13-Aug-13	2:26:10 PM	GPS	NAD83	8N	808	386568	6910444	4	
MMFGG002	FG	MM	15-Aug-13	2:28:58 PM	GPS	NAD83	8N	1299	390061	6908380	4	
MMFGG003	FG	MM	15-Aug-13	2:50:25 PM	GPS	NAD83	8N	1296	390045	6908413	3	
MMFGG004	FG	MM	15-Aug-13	3:10:59 PM	GPS	NAD83	8N	1300	390071	6908423	3	
MMFGG005	FG	MM	15-Aug-13	5:46:24 PM	GPS	NAD83	8N	1297	390070	6908392	3	
MMFGG006	FG	MM	16-Aug-13	9:03:19 PM	GPS	NAD83	8N	1300	390074	6908400	5	
MMFGG007	FG	MM	17-Aug-13	1:19:41 PM	GPS	NAD83	8N	1299	390071	6908378	6	
MMFGG008	FG	MM	17-Aug-13	5:14:42 PM	GPS	NAD83	8N	1297	390078	6908409	6	End of trench!
MMFGG009	FG	MM	17-Aug-13	8:43:19 PM	GPS	NAD83	8N	1302	390111	6908374	3	Guder trench (southern end). 10 m x 0.5 m x 0.3 m deep. Overgrown with moss and labrador tea. Az - 005. Quartz monzonite boulders in waste pile as described in MMFGG007.
MMFGG010	FG	MM	17-Aug-13	8:49:20 PM	GPS	NAD83	8N	1303	390133	6908350	3	Guder trench - southern end. 7 m x 0.5 m x 0.3 m. Az 080.
MMFGG011	FG	MM	17-Aug-13	8:53:08 PM	GPS	NAD83	8N	1292	390229	6908364	3	Water source - potential drill source.
MMFGG012	FG	MM	20-Aug-13	11:28:58 AM	GPS	NAD83	8N	1184	387760	6910450	6	Outcrop south of trench.
MMFGG013	FG	MM	20-Aug-13	12:35:47 PM	GPS	NAD83	8N	1186	387794	6910407	4	
MMFGG014	FG	MM	20-Aug-13	1:32:13 PM	GPS	NAD83	8N	1191	387748	6910498	4	
MMFGG015	FG	MM	20-Aug-13	3:34:56 PM	GPS	NAD83	8N	1186	387719	6910535	3	North end of trench. Trench bearing Az 155.
MMFGG016	FG	MM	20-Aug-13	5:46:36 PM	GPS	NAD83	8N	1185	387731	6910506	3	Southern end of trench.
MMFGG017	FG	MM	17-Aug-13	2:39:14 PM	GPS	NAD83	8N	1050	387112	6911204	4	Melissa Showing
MMFGG018	FG	MM	17-Aug-13	3:15:35 PM	GPS	NAD83	8N	1169	387268	6910997	4	Road to Melissa.

Station Number	Project	User	Date	Time	Location Method	Map Datum	UTM Zone	Elevation (M)	Easting	Northing	Accuracy (m)	Notes
MMFGG019	FG	MM	17-Aug-13	4:03:10 PM	GPS	NAD83	8N	1192	387709	6910737	3	Trench location to follow up on Au-As-Sb anomaly.
MMFGG020	FG	MM	17-Aug-13	5:30:42 PM	GPS	NAD83	8N	1190	387707	6910721	4	
MMFGG021	FG	MM	21-Aug-13	7:39:49 PM	GPS	NAD83	8N	1229	388711	6909697	5	
MMFGG022	FG	MM	21-Aug-13	9:34:33 AM	GPS	NAD83	8N	1047	387116	6911202	3	Historic Guder trench at the Melissa Showing. Abundant quartz vein float in spoil pile. Pyrite and arsenopyrite observed in smokey grey laminated quartz veins. TRS04-04.
MMFGG023	FG	MM	22-Aug-13	1:22:50 PM	GPS	NAD83	8N	1046	387093	6911229	3	Historic Trench. Deepened and resampled to confirm historic assay results.
MMFGG024	FG	MM	22-Aug-13	4:21:25 PM	GPS	NAD83	8N	1054	387131	6911185	7	
MMFGG025	FG	MM	23-Aug-13	2:44:55 PM	GPS	NAD83	8N	1280	393647	6904725	6	Trench following up on 95 th percentile Au anomaly.
MMFGG026	FG	MM	23-Aug-13	8:02:10 PM	GPS	NAD83	8N	1283	393623	6904726	3	Outcrop located west of trench described in previous station. Approximately 2.0 x 3.5 meters elongated north - south.
MMFGG027	FG	MM	24-Aug-13	11:35:28 AM	GPS	NAD83	8N	1308	393448	6905632	11	
MMFGG028	FG	MM	24-Aug-13	11:59:49 AM	GPS	NAD83	8N	1293	393443	6905630	3	
MMFGG029	FG	MM	24-Aug-13	2:55:14 PM	GPS	NAD83	8N	1297	394237	6904363	2	TRFG13-
MMFGG030	FG	MM	24-Aug-13	9:32:16 AM	GPS	NAD83	8N	1278	393796	6904830	3	MMFGD001- Permafrost prevented reaching bedrock. Dirt collected from permafrost interface - B-horizon.
MMFGG031	FG	MM	25-Aug-13	10:20:44 AM	GPS	NAD83	8N		393275	6904210	10	Trench targeting 0.22 opt Au/ 2.0 m in 88G-13. Looking for additional breccia systems parallet to the DDH intercept. Overburden too thick to penetrate with the Kubota. Dirt sample collected.
MMFGG032	FG	MM	25-Aug-13	4:53:42 PM	GPS	NAD83	8N	810	386583	6910447	12	
MMFGG033	FG	MM	25-Aug-13	5:16:47 PM	GPS	NAD83	8N	816	386588	6910436	10	
MMFGG034	FG	MM	25-Aug-13	9:26:03 AM	GPS	NAD83	8N	1241	393437	6905934	4	Beginning of Dart trench. E-W x-cutting trench, 38.5 meters long oriented along azimuth 265.
MMFGG035	FG	MM	28-Aug-13	2:40:51 PM	GPS	NAD83	8N	1248	393400	6905922	3	
MMFGG036	FG	MM	24-Sep-13	11:21:07 AM	GPS	NAD83	8N	828	386608	6910424	8	TR13-019 Dodge placer operation.
MMFGG037	FG	MM	24-Sep-13	2:18:22 PM	GPS	NAD83	8N	818	386598	6910430	14	Trench TR13-019 Dodge placer operation.
MMFGG038	FG	MM	24-Sep-13	4:32:59 PM	GPS	NAD83	8N	817	386570	6910461	11	Trench TR13-020 Dodge placer operation.

Appendix 6.2 - Lithology

Station Number	Project	Date	Degree of Transport	Proportion of Rocktype	Major Rock Type	Minor Rock Type	Colour Weathered	Coloured Fresh	Grain Size	Notes
AHFGG001	FG	13-Aug-13	outcrop		gouge					
AHFGG002	FG	14-Aug-13	outcrop		quartz monzonite			N 3/28	medium	
AHFGG003	FG	19-Aug-13	outcrop		quartz arenite			7.5BG 5/4	medium-fine	variable mineralization, increases with proximity to porphyry dykes
AHFGG003	FG	19-Aug-13	outcrop		porphyry			7.5Y 9/2	medium	
AHFGG003	FG	19-Aug-13	outcrop		paragneiss			7.5BG 3/4		
AHFGG004	FG	19-Aug-13	outcrop		quartz arenite			7.5BG 8/2	medium	
AHFGG004	FG	19-Aug-13	rubble		quartz syenite				coarse	
AHFGG004	FG	19-Aug-13	subcrop		porphyry			7.5Y 9/2	medium-fine	
AHFGG004	FG	19-Aug-13	rubble		wackestone			7.5Y 9/2	fine	
AHFGG005	FG	20-Aug-13	outcrop		quartz syenite					
AHFGG005	FG	20-Aug-13	outcrop		tonalite			7.5Y 8/2	medium	
AHFGG006	FG	22-Aug-13	outcrop		schist					
AHFGG007	FG	22-Aug-13	outcrop		schist					
AHFGG008	FG	22-Aug-13	outcrop		breccia					
AHFGG011	FG	22-Aug-13	outcrop		vein			7.5BG 4/4		
AHFGG011	FG	22-Aug-13	outcrop		schist					
AHFGG013	FG	25-Aug-13	outcrop		latite			7.5BG 6/4	coarse	found only in boulders
AHFGG013	FG	25-Aug-13	outcrop		schist					
AHFGG014	FG	25-Aug-13	outcrop		latite					
AHFGG014	FG	25-Aug-13	outcrop		felsite			7.5Y 7/4		
AHFGG015	FG	26-Aug-13	outcrop		granodiorite			7.5YR 6/4	medium	
AHFGG015	FG	26-Aug-13	outcrop		porphyry			7.5B 4/4	medium	
AHFGG015	FG	26-Aug-13	outcrop		gouge			7.5B 6/4	very fine	
AHFGG015	FG	26-Aug-13	outcrop		breccia		7.5YR 4/8	N 2/4	medium-coarse	
AHFGG016	FG	27-Aug-13	outcrop		porphyry			7.5BG 3/4	fine	
AHFGG017	FG	27-Aug-13	outcrop		porphyry			7.5BG 6/4	fine	
AHFGG017	FG	27-Aug-13	outcrop		gouge			7.5B 8/4	very fine	
CRFGG001	FG	16-Aug-13	outcrop		vein	porphyry		7.5B 3/4	coarse	
CRFGG002	FG	16-Aug-13	outcrop		vein					
CRFGG003	FG	16-Aug-13	outcrop		orthogneiss	felsic schist			medium	
CRFGG004	FG	18-Aug-13	outcrop		orthogneiss	igneous rock		7/2	medium-coarse	
CRFGG005	FG	18-Aug-13	outcrop		granite	porphyry	7/10	8/4	medium-coarse	
CRFGG006	FG	21-Aug-13	outcrop		granodiorite			7.5G 3/4	medium	
CRFGG007	FG	23-Aug-13	outcrop		granodiorite	orthogneiss	N 1/4			
CRFGG008	FG	23-Aug-13	outcrop		granodiorite	orthogneiss	7.5R 3/6	7.5Y 5/4	medium-fine	
CRFGG009	FG	23-Aug-13	outcrop		granodiorite	orthogneiss	7.5Y 5/4	7.5Y 5/4	medium-fine	
CRFGG010	FG	23-Aug-13	outcrop		granodiorite	orthogneiss	N 1/4	N 1/4	medium-fine	
MMFGG001	FG	13-Aug-13	outcrop		metasedimentary rock	metavolcanic rock	7.5R 2/2	7.5Y 7/4	medium-fine	
MMFGG003	FG	15-Aug-13	subcrop		granodiorite		N 1/8	7.5Y 8/2	medium-coarse	
MMFGG005	FG	15-Aug-13	subcrop		vein		7.5YR 6/8	7.5PB 6/2	very fine	
MMFGG006	FG	16-Aug-13	outcrop		vein		7.5YR 3/6	7.5B 8/2	fine	
MMFGG007	FG	17-Aug-13	rubble		granodiorite		7.5YR 6/2	7.5YR 7/6	medium-coarse	
MMFGG012	FG	20-Aug-13	outcrop		syenite					
MMFGG013	FG	20-Aug-13	outcrop	100	syenite					
MMFGG014	FG	20-Aug-13	outcrop		syenite					
MMFGG014	FG	20-Aug-13	outcrop		orthogneiss					
MMFGG015	FG	20-Aug-13	subcrop		metagreywacke	hornfels				Darg grey green in colour.Rock unit continues until 4.0 m south in the trench. Hornfels hosts disseminated pyrite-magnetite. Unit observed from 16.0 - m south.
MMFGG015	FG	20-Aug-13	subcrop		orthogneiss	hornblende monzonite			medium	Light beigh in color.Observed from 4.0 - 20.0 meters south and from 24.0 meters south to 30.0 m south. Generally equigranular where fresh.
MMFGG015	FG	20-Aug-13	outcrop		porphyry				medium-fine	Sheared porphyritic dyke. 20.0 - 24.0 meters.
MMFGG017	FG	17-Aug-13	subcrop		vein		7.5YR 6/4	7.5B 7/2	medium-fine	
MMFGG020	FG	17-Aug-13	outcrop		vein		7.5YR 6/14		medium-fine	
MMFGG021	FG	21-Aug-13	rubble		syenite		7.5R 2/2	7.5G 2/4	medium-coarse	
MMFGG021	FG	21-Aug-13	rubble		dacite		7.5GY 9/2	N 3/16	medium-fine	

Station Number	Project	Date	Degree of Transport	Proportion of Rocktype	Major Rock Type	Minor Rock Type	Colour Weathered	Coloured Fresh	Grain Size	Notes
MMFGG022	FG	21-Aug-13	outcrop	100	metasiltstone	vein	N 3/2	N 3/8	fine	Veining observed from 0 meters to 1.5 meters. Metasiltstone from 1.5 - 2.8 meters. Quartz veining from 2.8 - 4.0 meters. Metasiltstone has sooty black apperance on weathered surface. Very hard. Abundant fg sericite-dulphides?. Will check with microscope.
MMFGG023	FG	22-Aug-13	outcrop	90	metasiltstone	vein	7.5YR 7/6	7.5PB 4/2		0.0-0.9 meters west qtz vein. 0.9 - 4.0 meters west metasiltstone. Graphitic sheen observed within metasiltstone. Sooty appearance on weathered surfaces. 0.0 - 0.4 m east - qtz vein. 0.4 m east - 1.4 m east metasiltstone.
MMFGG024	FG	22-Aug-13	outcrop		dacite		7.5Y 9/6	7.5BG 9/2	medium-fine	
MMFGG025	FG	23-Aug-13	outcrop		porphyry		7.5Y 9/6	7.5YR 8/4	medium-fine	
MMFGG025	FG	23-Aug-13	rubble	85	schist		7.5YR 8/6	7.5G 6/4	medium-fine	Sampling begins as coordinate.
MMFGG026	FG	23-Aug-13	outcrop		orthoschist		7.5YR 6/2	7.5Y 8/8	medium-fine	
MMFGG027	FG	24-Aug-13	outcrop	100	porphyry		7.5YR 7/10	7.5GY 8/6	medium-fine	
MMFGG028	FG	24-Aug-13	outcrop	100	schist		N 3/18	7.5R 5/2	medium-fine	
MMFGG029	FG	24-Aug-13	outcrop	40	felsite		7.5Y 9/6	7.5GY 9/4		Felsite dyke outcrops from 2.9 meters to 8.0 meters. Angular blocky rubble crop-outcrop.
MMFGG029	FG	24-Aug-13	outcrop	60	schist		7.5YR 6/12	7.5Y 8/2	medium-fine	Quartz-biotite-chlorite orthoschist from 0.0-2.9 meters and 8.0-10.0 meters. Contacts with felsitecdyke are sheared and are very soft.
MMFGG032	FG	25-Aug-13	outcrop		porphyry		7.5PB 5/4	7.5PB 5/4	medium-coarse	
MMFGG033	FG	25-Aug-13	outcrop		gouge		7.5PB 8/4	7.5PB 8/2	very fine	
MMFGG034	FG	25-Aug-13	outcrop	100	schist					Schist occurs from 0.0 - 3.8 m; 17.0 - 18.0 m; 19.7 - 20 m; 25.5 - 26.5 m; 28.5 m - 31.7m; 36.9 - 38.5 m.
MMFGG034	FG	25-Aug-13	outcrop		vein					26.5 - 27.6 m.
MMFGG034	FG	25-Aug-13	outcrop		gouge					14.1 - 17.0 m. Oxidized and very friable gouge. 27.4 - 28.1 m.
MMFGG034	FG	25-Aug-13	outcrop		gouge	metasedimentary rock	7.5YR 6/12	7.5YR 6/12	medium-fine	Oxidized clay gouge 11.2 - 11.5 m. Altered metasediments from 11.5 - 14.1 m. Possibly sheared schist - originally feldspar rich.
MMFGG034	FG	25-Aug-13	outcrop	60	porphyry	vein	7.5R 3/2	7.5B 6/2		9.6 - 11.2 m. Dacite porphyry from 31.0- 36.9 m. Western contact is fresh - has not undergone shearing.
MMFGG034	FG	25-Aug-13	outcrop	100	porphyry					Altered qfp from 6.5 - 8.0 m and 8.0 - 8.8 m. HW and FW to mineralized vein. Strongly sheared qfp from 18.0 - 19.1 m and 20.1 - 25.4 m. HW/FE to mineralized vein.
MMFGG034	FG	25-Aug-13	outcrop	100	gouge	schist	7.5YR 6/12	7.5Y 8/2	fine	Interval occurs from 3.7 - 6.5 meters.
MMFGG034	FG	25-Aug-13	outcrop		vein		7.5YR 2/2	7.5B 6/2	medium-coarse	Epithermal base metal rich vein. 8.0 - 8.5 meters; 19.0 - 19.9 m.
MMFGG035	FG	28-Aug-13	subcrop	67	schist					
MMFGG035	FG	28-Aug-13	outcrop	33	porphyry	vein	7.5YR 5/10	7.5B 8/2	medium-fine	C-horison chip sample of veined porphyry.
MMFGG036	FG	24-Sep-13	outcrop		quartz diorite		7.5YR 5/6	7.5G 7/2	fine-medium	
MMFGG037	FG	24-Sep-13	outcrop		quartz diorite		7.5YR 7/16	7.5G 7/2	fine-medium	
MMFGG038	FG	24-Sep-13	outcrop		quartz diorite		7.5YR 4/4	7.5Y 7/2	fine-medium	

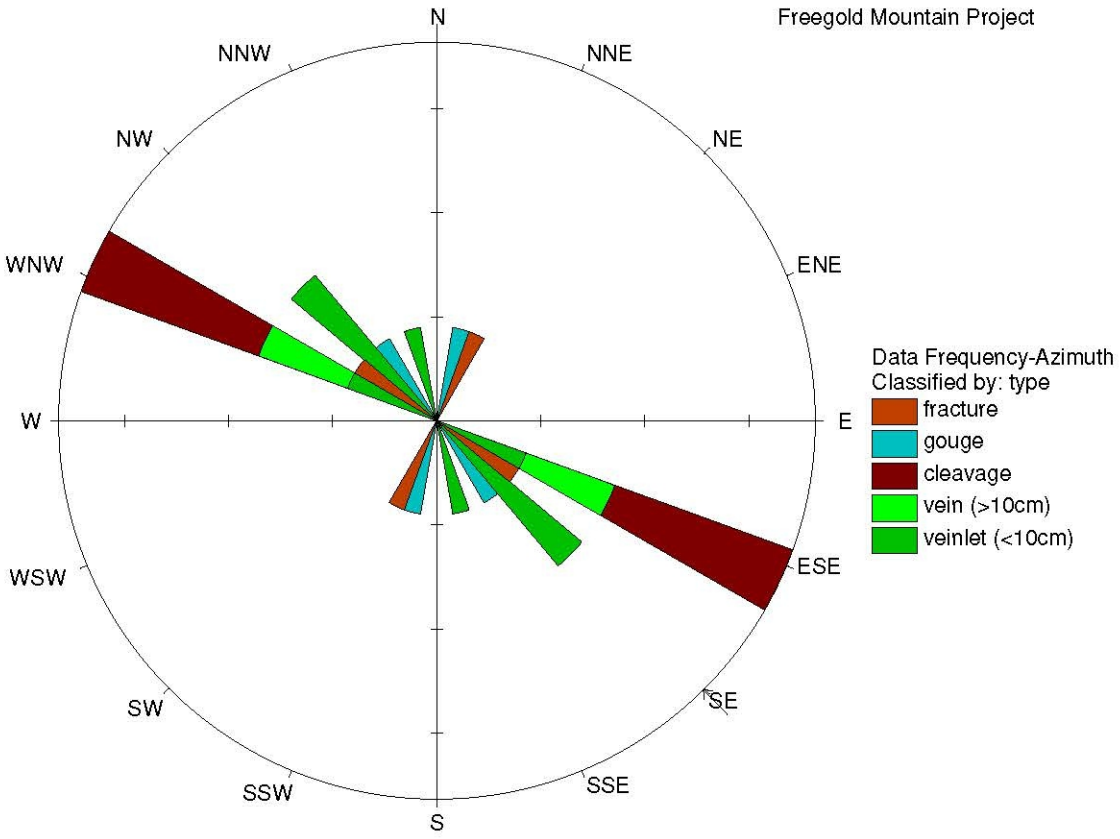
Appendix 6.3 - Structure

Station Number	Project	Date	Name	Azimuth	Dip	Quality	Notes
AHFGG002	FG	14-Aug-13	shear plane	15		moderate	
AHFGG003	FG	19-Aug-13	fracture	31	59	moderate	
AHFGG005	FG	20-Aug-13	dike	285		good	
AHFGG006	FG	22-Aug-13	foliation (dominant)	24	51	moderate	
AHFGG007	FG	22-Aug-13	foliation (dominant)	5	56	good	
AHFGG007	FG	22-Aug-13	foliation (dominant)	0	50	good	
AHFGG015	FG	26-Aug-13	fracture	23	57	good	
AHFGG015	FG	26-Aug-13	cleavage	292	86	good	found in porphyry
AHFGG015	FG	26-Aug-13	slickenline	114	35	good	right lateral slip
AHFGG015	FG	26-Aug-13	shear plane	322		good	
AHFGG015	FG	26-Aug-13	gouge	322		good	
AHFGG015	FG	26-Aug-13	cleavage	114	79	good	found in porphyry
AHFGG016	FG	27-Aug-13	veinlet (<10cm)	350	53		
AHFGG016	FG	27-Aug-13	gouge	12	53	good	
AHFGG016	FG	27-Aug-13	fracture	310	82	moderate	
CRFGG007	FG	23-Aug-13	sheeted veins	359	52	good	
CRFGG007	FG	23-Aug-13	fracture	347	78	moderate	
CRFGG008	FG	23-Aug-13	fracture	224	62		
CRFGG008	FG	23-Aug-13	fracture	3	65		
CRFGG009	FG	23-Aug-13	foliation (dominant)	357	62		
CRFGG010	FG	23-Aug-13	vein (>10cm)	91	84	good	
CRFGG010	FG	23-Aug-13	veinlet (<10cm)	9	35	moderate	
MMFGG012	FG	20-Aug-13	fracture	68	79	good	
MMFGG012	FG	20-Aug-13	joint	206	64	good	Pervasive joint set cm to dm scale.
MMFGG013	FG	20-Aug-13	fracture	97	81	good	
MMFGG013	FG	20-Aug-13	fracture	154	81	good	
MMFGG022	FG	21-Aug-13	fracture	312	76	moderate	
MMFGG022	FG	21-Aug-13	fracture	1	77	good	truncates qtz veins with local offset, right lateral
MMFGG022	FG	21-Aug-13	slickenline	335	44	moderate	right lateral offset, oblique slip. Parallel ori to NW trending veins
MMFGG022	FG	21-Aug-13	vein (>10cm)	155	80	good	
MMFGG023	FG	22-Aug-13	cleavage	126	86	good	
MMFGG023	FG	22-Aug-13	vein (>10cm)	126	86	good	
MMFGG023	FG	22-Aug-13	vein (>10cm)	126	86	good	
MMFGG023	FG	22-Aug-13	fracture	21	76	good	
MMFGG026	FG	23-Aug-13	foliation (dominant)	5	57	good	
MMFGG027	FG	24-Aug-13	fracture	30	89	good	
MMFGG027	FG	24-Aug-13	fracture	105	87	good	
MMFGG028	FG	24-Aug-13	foliation (dominant)	1	76	good	
MMFGG028	FG	24-Aug-13	contact - lithologic	1	76	poor	Contact between schist and porphyry is poorly exposed - rubble. Porphyry parallels foliation in schist.
MMFGG032	FG	25-Aug-13	vein (>10cm)	300			
MMFGG034	FG	25-Aug-13	cleavage	122	85	good	Dominant.
MMFGG034	FG	25-Aug-13	foliation (dominant)	0	39	good	Cm to dm scale frequency - pervasive foliation.
MMFGG034	FG	25-Aug-13	veinlet (<10cm)	346	61	moderate	Aspy rich vein.
MMFGG034	FG	25-Aug-13	gouge	310		poor	Approximate azimuth taken @ 17.8 meters. Dip is sub-vertical.
MMFGG034	FG	25-Aug-13	foliation (dominant)	343	72	moderate	37.0 m.
MMFGG034	FG	25-Aug-13	gouge	5	44	poor	
MMFGG034	FG	25-Aug-13	vein (>10cm)	349	40	good	
MMFGG034	FG	25-Aug-13	cleavage	194	81	good	Subordinate.
MMFGG034	FG	25-Aug-13	veinlet (<10cm)	355	58	good	
MMFGG034	FG	25-Aug-13	gouge	0	40	poor	
MMFGG034	FG	25-Aug-13	gouge	0	40	poor	Parallels dominant foliation.
MMFGG034	FG	25-Aug-13	vein (>10cm)	357	59	good	Polymetallic brecciated vein.
MMFGG034	FG	25-Aug-13	gouge	0	39	moderate	
MMFGG034	FG	25-Aug-13	gouge	0	39	good	
MMFGG034	FG	25-Aug-13	slickenline	325	73	good	
MMFGG034	FG	25-Aug-13	veinlet (<10cm)	0	39	moderate	
MMFGG034	FG	25-Aug-13	veinlet (<10cm)	343	36	moderate	
MMFGG035	FG	28-Aug-13	vein (>10cm)	335	60	moderate	
MMFGG036	FG	24-Sep-13		306		poor	
MMFGG036	FG	24-Sep-13	veinlet (<10cm)	312	69	good	

Station Number	Project	Date	Name	Azimuth	Dip	Quality	Notes
MMFGG037	FG	24-Sep-13		295		poor	
MMFGG037	FG	24-Sep-13	veinlet (<10cm)	300		poor	
MMFGG037	FG	24-Sep-13	vein (>10cm)	298		good	Dip is inferred - steeply inclined to the north.
MMFGG038	FG	24-Sep-13	veinlet (<10cm)	315	90	moderate	Approximate dip. Measurement taken at 0.5 m.

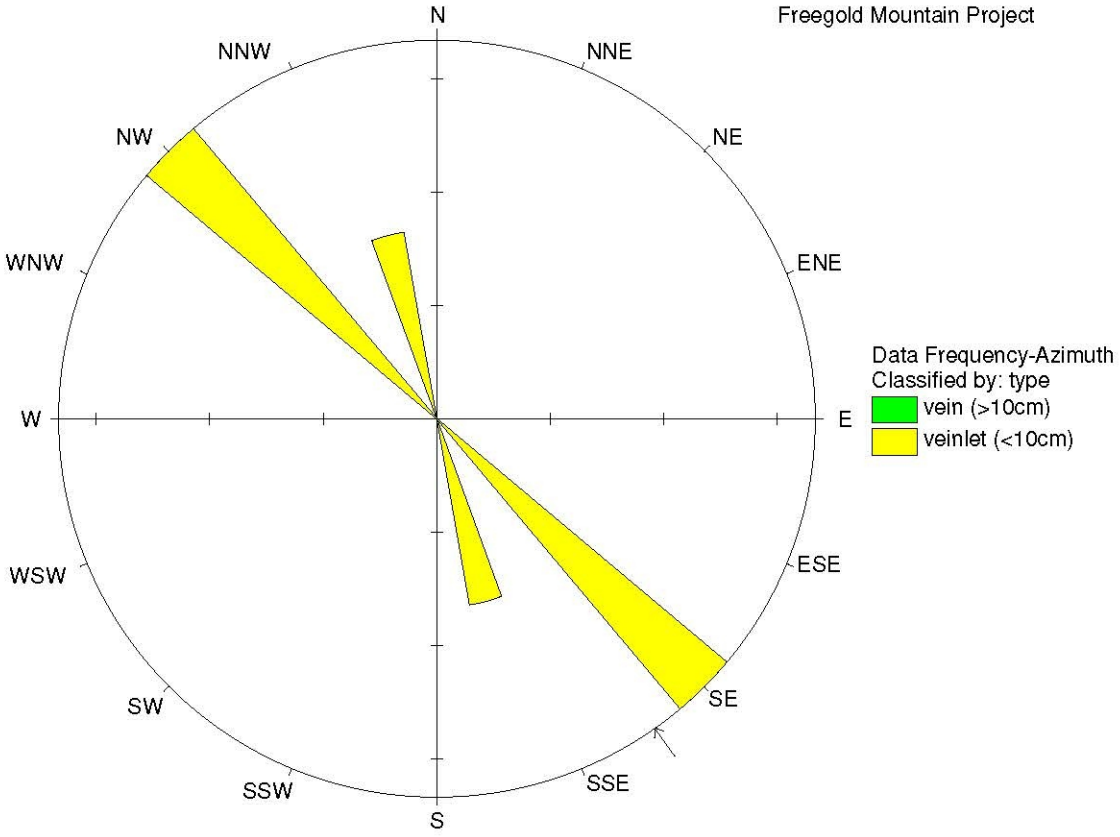
6.3.2 Stereonet Plots

Appendix 6.3.2.1-Irene Structure



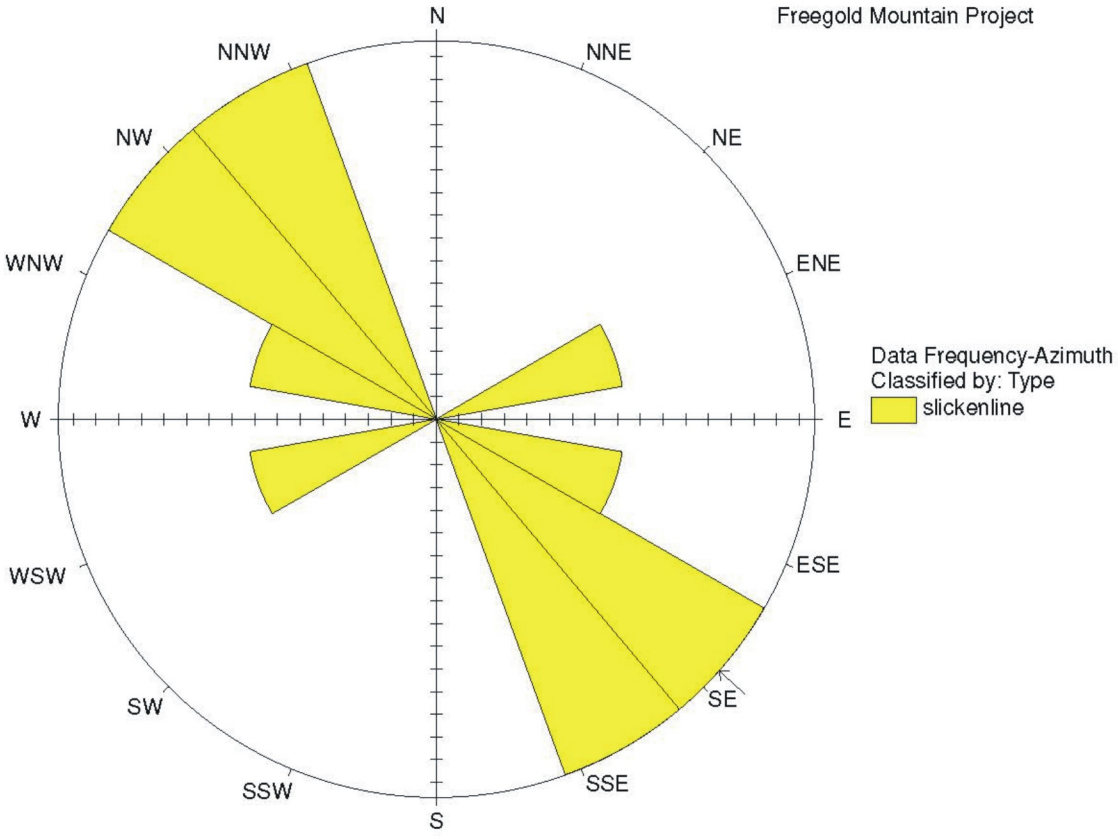
Axial (non-polar) data
No. of Data = 11
Sector angle = 10°
Scale: tick interval = 10% [1.1 data]
Maximum = 36.4% [4 data]
Mean Resultant dir'n = 135-315

Appendix 6.3.2.2-Irene Vein



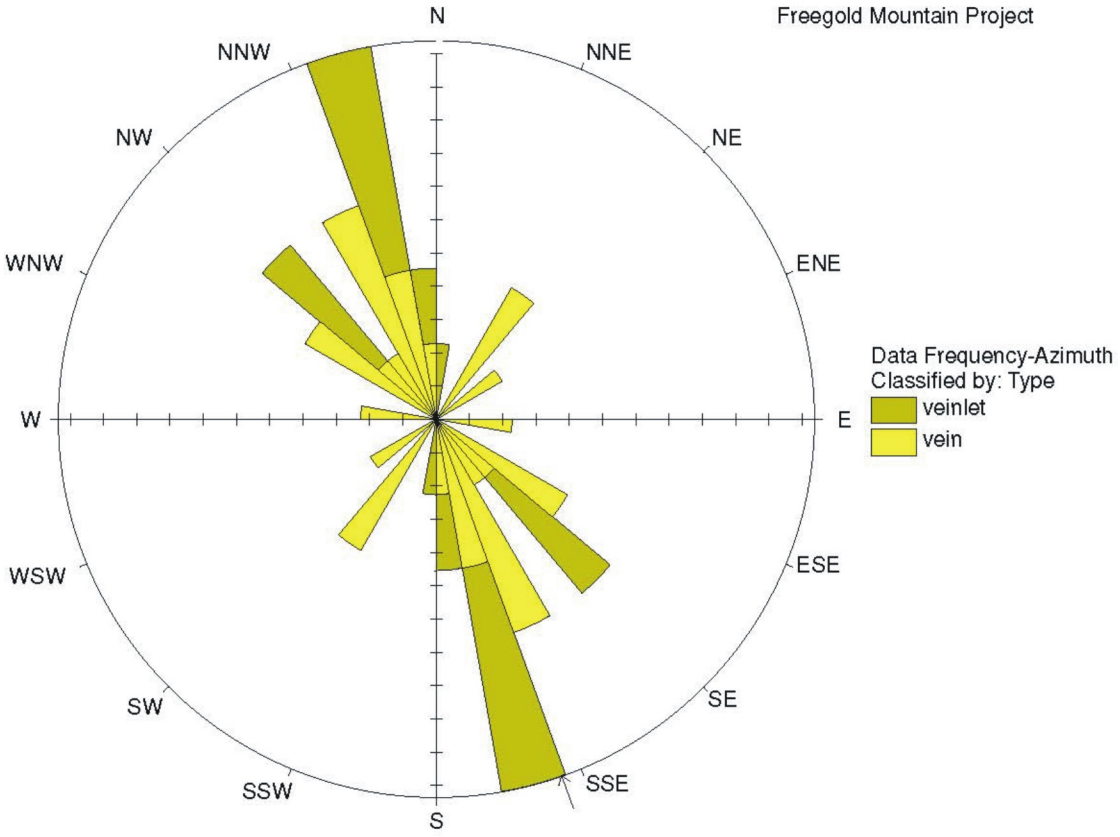
Axial (non-polar) data
No. of Data = 3
Sector angle = 10°
Scale: tick interval = 20% [0.6 data]
Maximum = 66.7% [2 data]
Mean Resultant dir'n = 145-325

Appendix 6.3.2.3-Slickenline



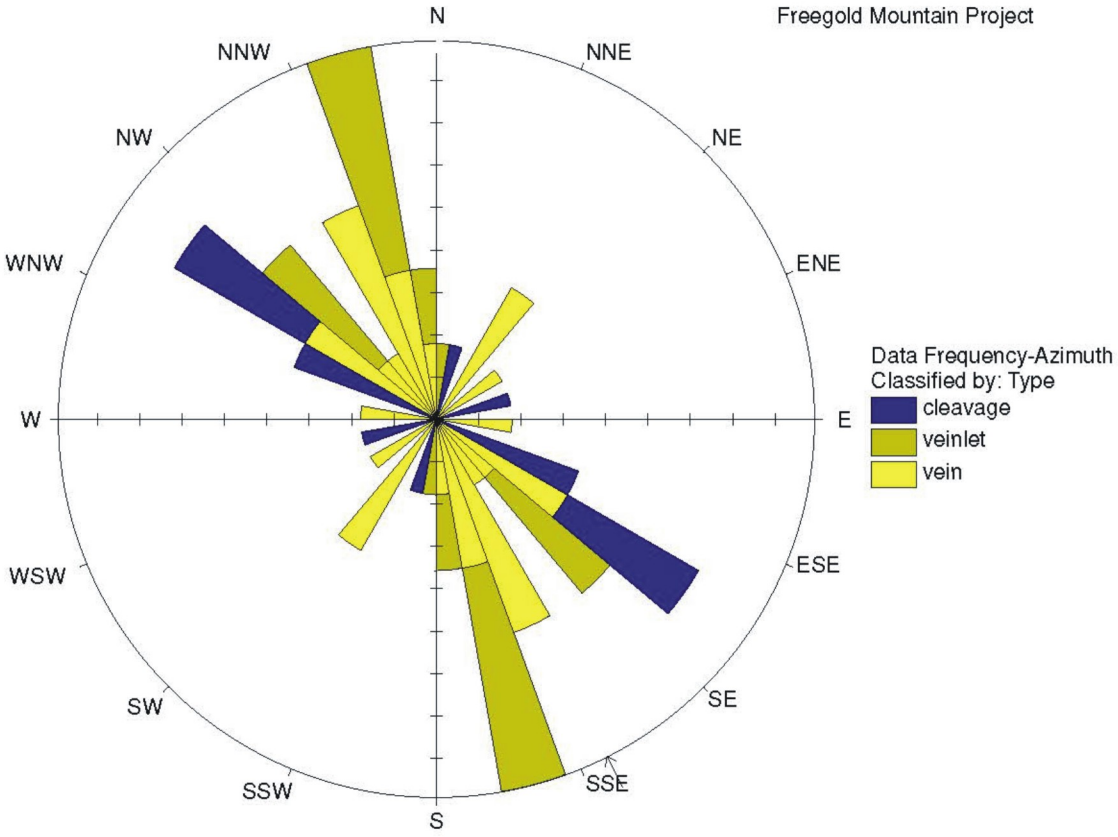
Axial (non-polar) data
No. of Data = 6
Sector angle = 20°
Scale: tick interval = 2% [0.1 data]
Maximum = 33.3% [2 data]
Mean Resultant dir'n = 132-312

Appendix 6.3.2.4-Vein



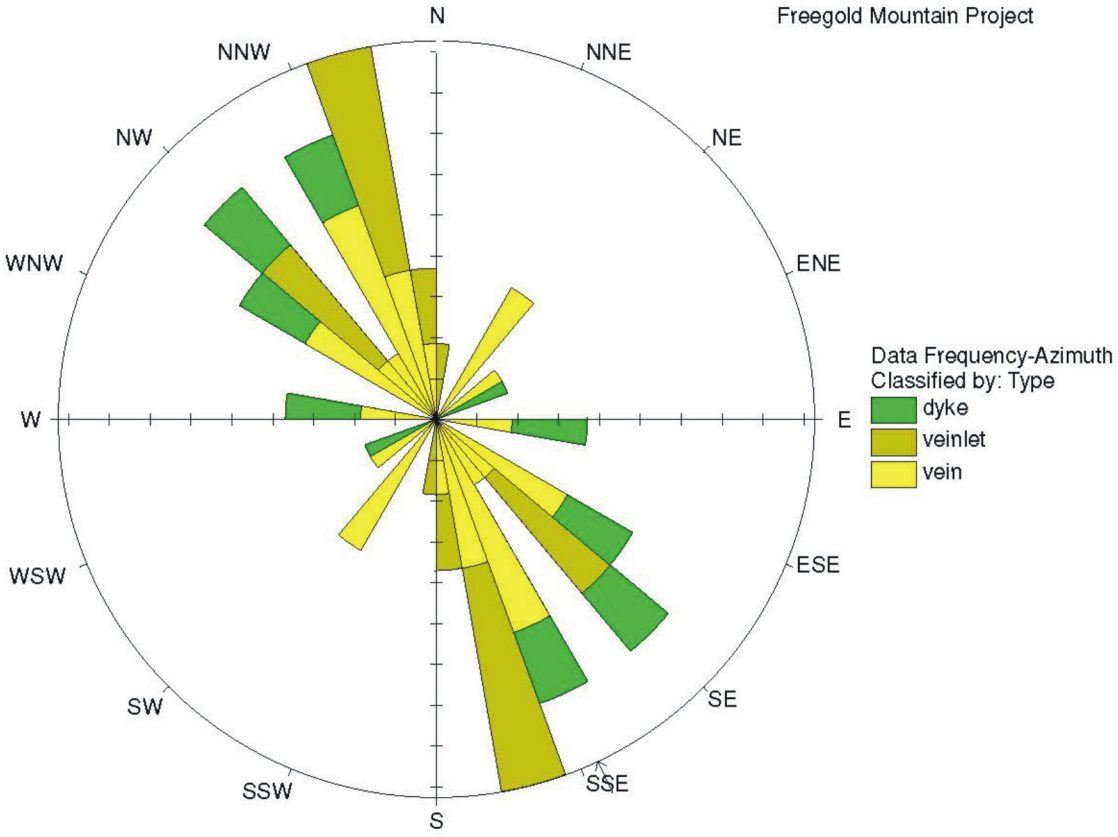
Axial (non-polar) data
No. of Data = 22
Sector angle = 10°
Scale: tick interval = 2% [0.4 data]
Maximum = 22.7% [5 data]
Mean Resultant dir'n = 161-341

Appendix 6.3.2.5-Vein/Cleavage



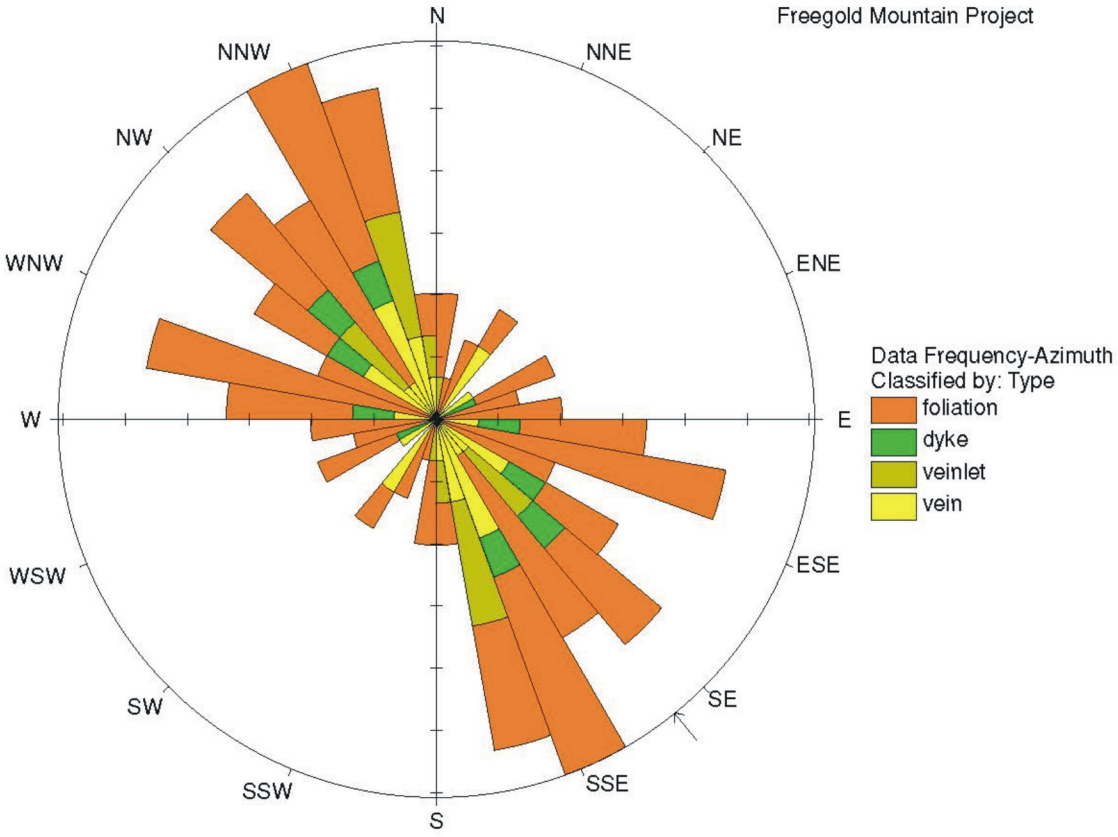
Axial (non-polar) data
No. of Data = 28
Sector angle = 10°
Scale: tick interval = 2% [0.6 data]
Maximum = 17.9% [5 data]
Mean Resultant dir'n = 153-333
[Approx. 95% Confidence interval = ±35.2°]
(valid only for unimodal data)

Appendix 6.3.2.6-Vein/Dyke



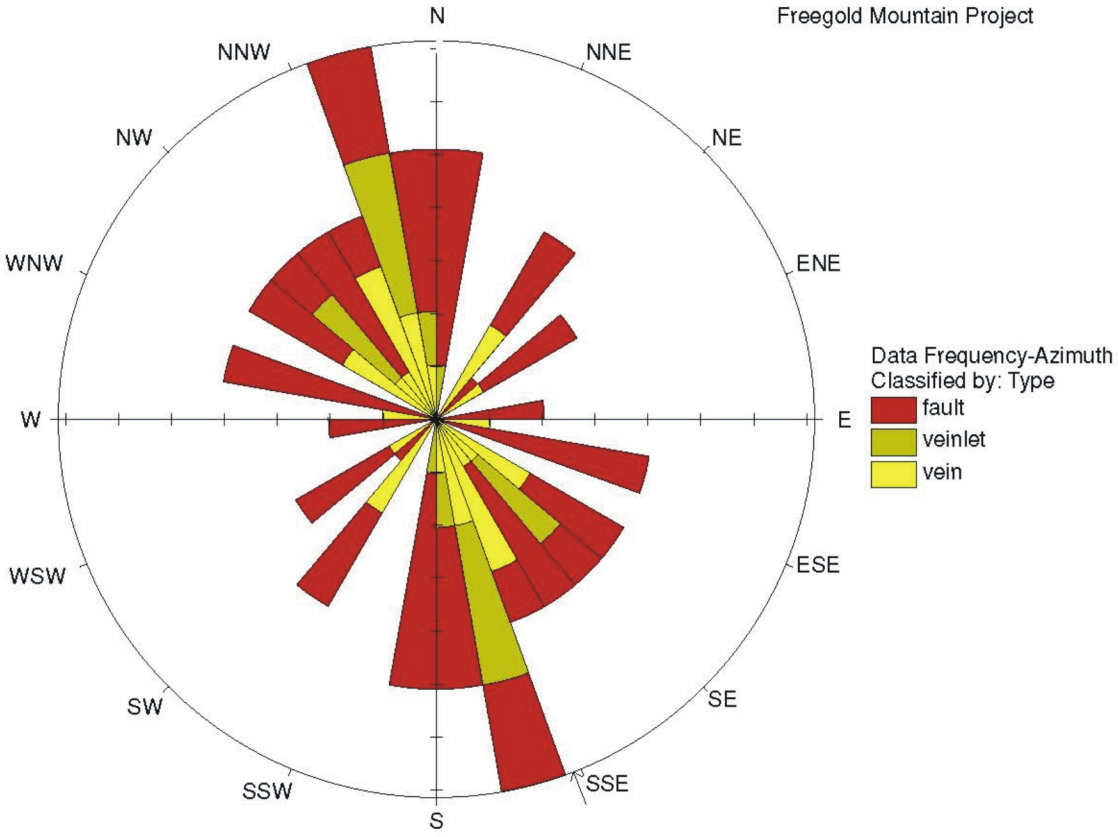
Axial (non-polar) data
No. of Data = 27
Sector angle = 10°
Scale: tick interval = 2% [0.5 data]
Maximum = 18.5% [5 data]
Mean Resultant dir'n = 155-335
[Approx. 95% Confidence interval = ±30.9°]
(valid only for unimodal data)

Appendix 6.3.2.7-Vein/Dyke/Foliation



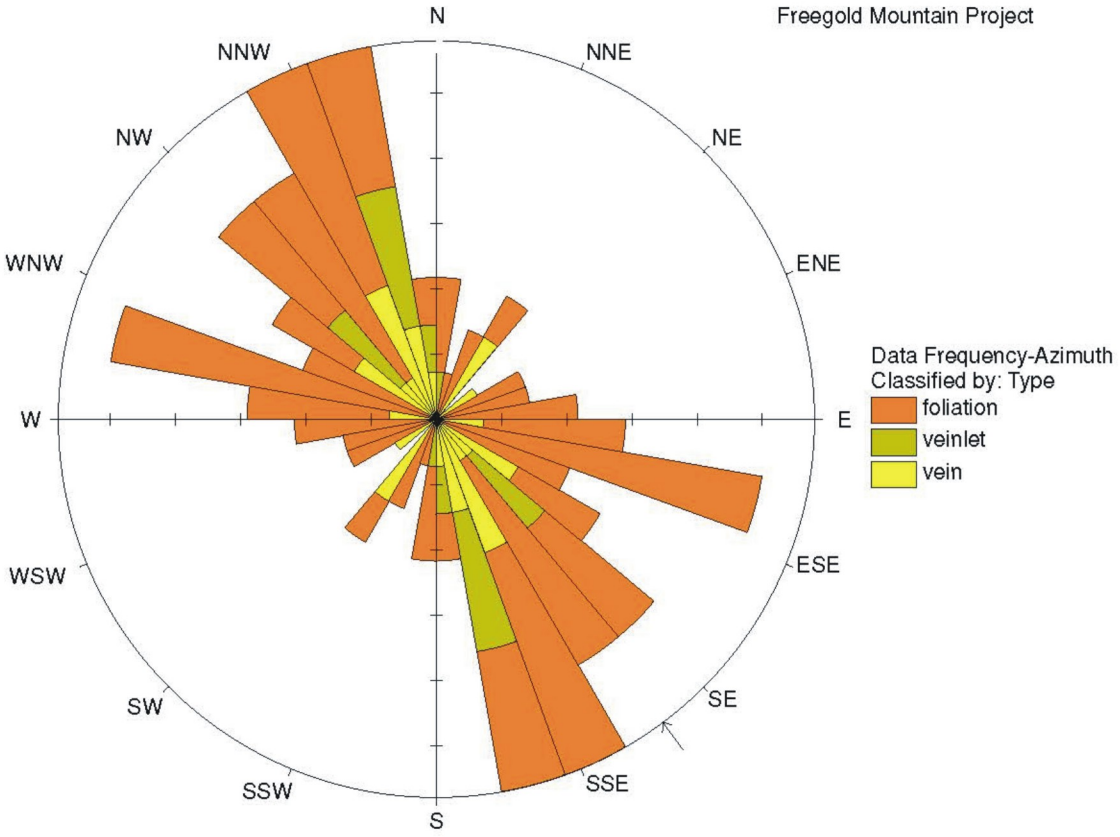
Axial (non-polar) data
No. of Data = 74
Sector angle = 10°
Scale: tick interval = 2% [1.5 data]
Maximum = 12.2% [9 data]
Mean Resultant dir'n = 141-321
[Approx. 95% Confidence interval = ±26.6°]
(valid only for unimodal data)

Appendix 6.3.2.7-Vein/Fault



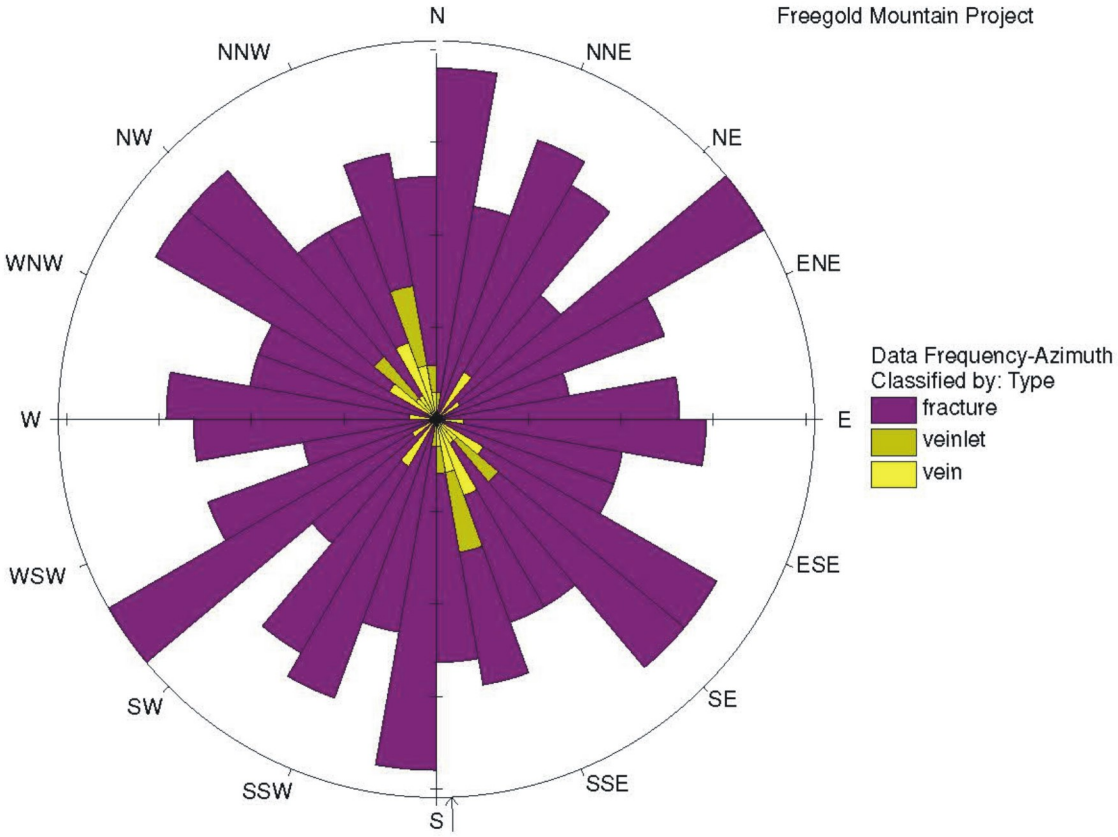
Axial (non-polar) data
No. of Data = 49
Sector angle = 10°
Scale: tick interval = 2% [1.0 data]
Maximum = 14.3% [7 data]
Mean Resultant dir'n = 159-339
[Approx. 95% Confidence interval = ±31.5°]
(valid only for unimodal data)

Appendix 6.3.2.9-Vein/Foliation



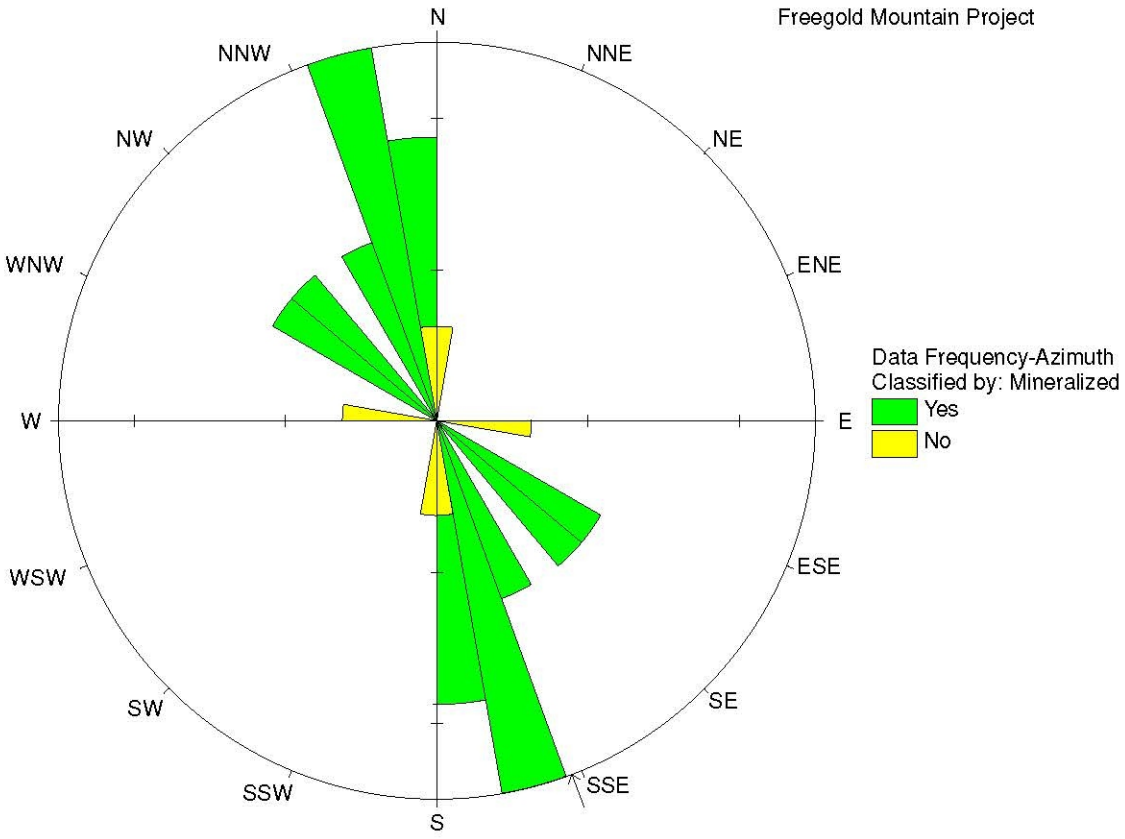
Axial (non-polar) data
No. of Data = 69
Sector angle = 10°
Scale: tick interval = 2% [1.4 data]
Maximum = 11.6% [8 data]
Mean Resultant dir'n = 143-323
[Approx. 95% Confidence interval = ±27.4°]
(valid only for unimodal data)

Appendix 6.3.2.10-Vein/Fracture



Axial (non-polar) data
No. of Data = 171
Sector angle = 10°
Scale: tick interval = 2% [3.4 data]
Maximum = 8.2% [14 data]
Mean Resultant dir'n = 178-358
[Approx. 95% Confidence interval = ±90.0°]
(valid only for unimodal data)

Appendix 6.3.2.11-Vein/Mineralization



Axial (non-polar) data
No. of Data = 16
Sector angle = 10°
Scale: tick interval = 10% [1.6 data]
Maximum = 25% [4 data]
Mean Resultant dir'n = 159-339

Appendix VII – Petrographic Report

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Sent to: Mike McCuaig
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Report 130688

October 8, 2013

Petrographic Report on Three Rock Samples

Fabrizio Colombo, Ph.D., P.Geo.

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1 Introduction

Mr. McCuaig of TerraLogic Exploration Inc. submitted three rock samples to Vancouver Petrographics for petrographic analysis. The client indicated that the samples were collected from an epithermal Au-Ag prospect located in the Yukon Territory.

The attached “Petrographic Descriptions” section provides the following for each sample: (i) the petrographic rock classification; (ii) a brief microstructural description; (iii) a table with the modal percentage and average grain size for each mineral; and (iv) a detailed description of the minerals in decreasing order of abundance.

Samples 1–3 (see Table 1) were cut and prepared as ~20 × 40 mm polished thin sections (see the image on the first page of each description).

The petrographic classification follows the recommendations of Gillespie and Styles (1999).

The microstructural terminology used in this report follows the recommendations and definitions of Vernon (2004), Passchier and Trouw (1998), and Ramdohr (1980).

2. Results

The three samples are characterized by a brecciated microstructure.

Within Samples **1** and **2**, the inequigranular, sub-rounded to sub-angular fragments are made up of (i) inequigranular, silicified aggregates and (ii) dolomite-bearing aggregates. These fragments are immersed within a quartz-rich matrix. Sample 1 shows microstructures that indicate the occurrence of a significant amount of wear abrasion/cataclastic flow. Sample 1 hosts an accessory amount of pyrite, which is preferentially crystallized within the matrix. Arsenopyrite prevails over the pyrite in Sample 2.

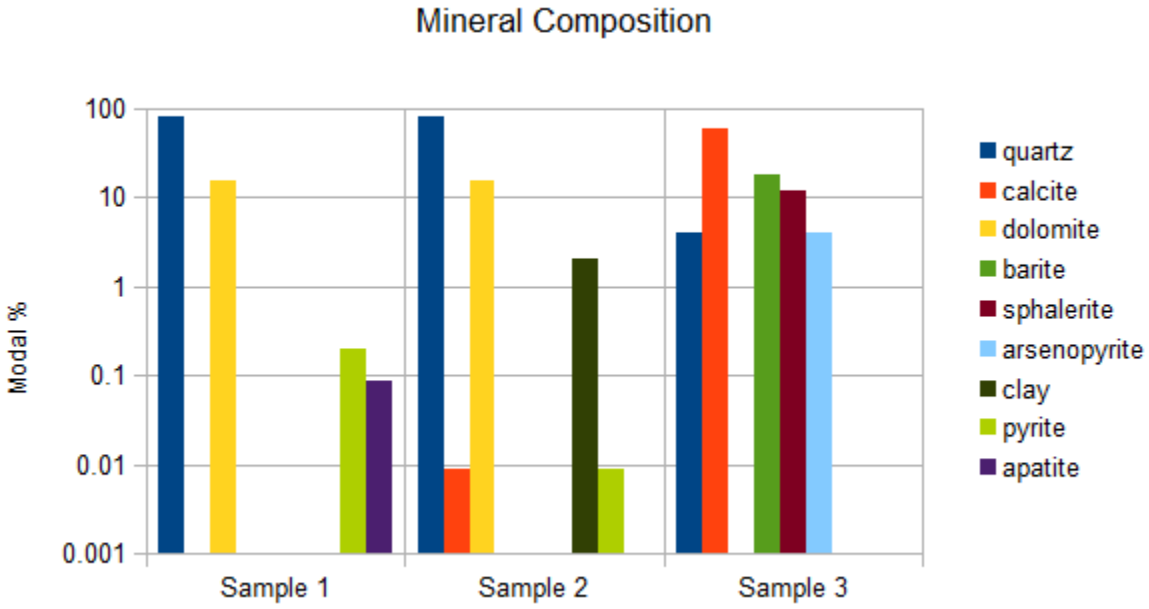
Within Sample **3**, sphalerite and arsenopyrite overprinted the dolomite-rich fragments. The fragments were then filled in by euhedral and tabular barite and quartz. The mineral composition of the three samples is summarized in Figure 1 and is detailed in each petrographic description.

The magnetic susceptibility (see Table 1) was measured with a hand-held KT Magnetic Susceptibility Meter, and is intended to provide only an approximate estimate of the relative content of magnetic minerals within each sample.

Table 1: List of samples with their magnetic susceptibility and petrographic classification.[1]

Sample No.	Sample ID	Magnetic Susceptibility ($\cdot 10^{-3}$)	Rock Type
1	AHFGR086	0.005	Quartz-dolomite-pyrite breccia
2	AHFGR087	0.067	Quartz-dolomite breccia
3	MMFGR139	0.127	Sphalerite-arsenopyrite-bearing barite-quartz breccia

Figure 1: Mineral composition of the samples.



3. Discussion

As summarized in Figure 1, Samples 1 and 2 have a similar composition, dominated by quartz and dolomite. Within Sample 3, the prevailing carbonate is calcite. The calcite was overprinted by relatively abundant sphalerite and arsenopyrite. The fragments were brecciated and filled in by abundant barite and quartz. The occurrence of barite as infill mineral indicates that the brecciation occurred at temperatures of up to 300°C and was crystallized from relatively oxidized fluids with moderate salinities.

1 Rock classification after Gillespie et al. (2011).

Sample 2 hosts accessory amount of clay. Because of the high birefringence colours, the clay is tentatively interpreted as illite; however, the clay type should be determined by short-wave infrared spectroscopy, as clay is an epithermal indicator mineral.

The mineral composition and the microstructure of the three samples are consistent with a brecciation event that occurred in conditions of neutral pH (quartz-calcite/dolomite-illite?) and low sulphidation (arsenopyrite-sphalerite-pyrite). No microstructural or mineralogic evidence of boiling was found (e.g., platy calcite).

5. Reference List

Gillespie, M.R., Barnes, R.P., and Milodowski, A., 2011, *British Geological Survey Scheme for Classifying Discontinuities and Fillings*. British Geological Survey Research Report, RR/10–05, 56 p.

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Signed by

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6. Petrographic Descriptions

Sample 1: AHFGR086



Quartz-dolomite-pyrite breccia

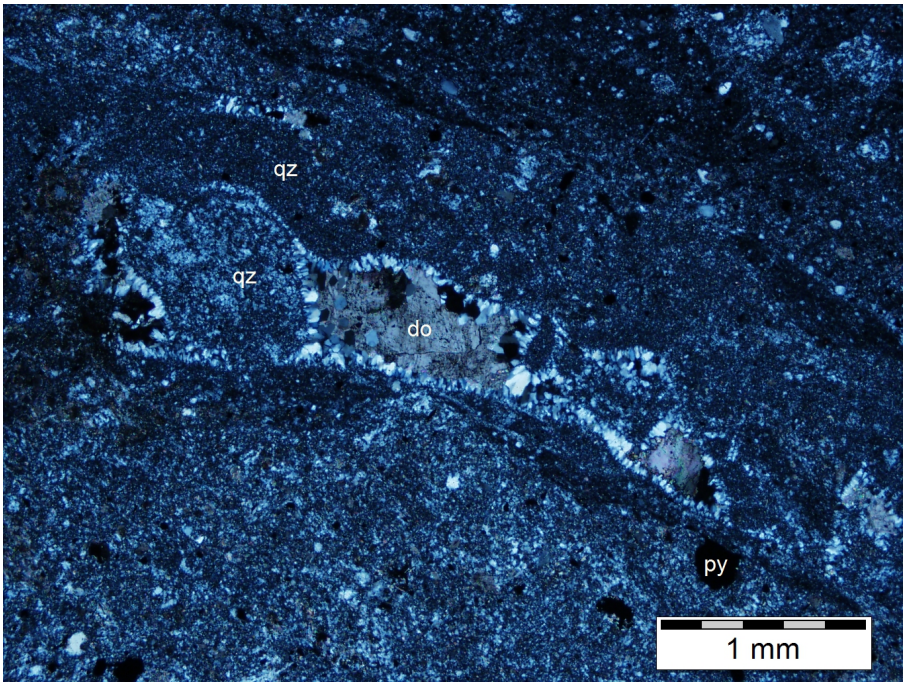
Sub-rounded to sub-angular inequigranular fragments (up to 5 mm) are immersed within a very fine-grained matrix of quartz. The polymict fragments are made up of fine-grained and inequigranular quartz, fine- to very fine-grained dolomite, dolomite, and pyrite. Fine-grained fragments of quartz, dolomite, and pyrite are dispersed within the very fine-grained matrix.

Mineral	*Modal %*	*Main Size Range (mm)*
quartz	80 – 84	up to 0.25
dolomite	15 – 16	up to 0.3
pyrite	0.2 – 0.4	up to 0.2
apatite	tr	up to 0.05

Quartz dominates the composition of the matrix as very fine-grained interlobate aggregates. The majority of the sub-rounded to sub-angular fragments are made up of fine-grained inequigranular (0.01–0.05 mm) aggregates of quartz. In some cases, the quartz occurs as quasi-monomineralic polycrystalline crystal aggregates that I interpret as recrystallized quartz crystals. Rare angular quartz crystals (up to 0.25 mm) are dispersed within the very fine-grained matrix. The presence of very fine-grained quartz-rich domains – wrapping sub-rounded fragments and defining a subparallel foliation – indicate a significant amount of wear abrasion/cataclastic flow (as defined in Jebrak, 1987). Fine-grained subhedral quartz forms comb microstructures that coat irregular cavities, filled in by very fine-grained quartz and fine-grained dolomite (Photomicrograph 1).

Dolomite forms monomineralic fine-grained and sub-rounded fragments immersed within their quartz-rich matrix. The dolomite is variably mixed with quartz within some of the fragments, and some of the dolomite-rich fragments are intergrown with fine-grained pyrite. The dolomite was distinguished by its slow reaction to cold dilute (10%) HCl.

Pyrite is fine-grained and anhedral; it preferentially occurs within the dolomite-bearing fragments and to a lesser extent is dispersed within the very fine-grained quartz-rich matrix.



***Photomicrograph 1**: Within a fine- to very fine-grained matrix of quartz (qz), irregular cavities are coated by comb microstructures defined by quartz, which projects into the quartz- and dolomite (do)-filled cavity. Crossed Nicols transmitted light.*

Sample 2: AHFGR087



Quartz-dolomite breccia

Sub-rounded to sub-angular fragments (up to 4 mm) of quartz and dolomite, as well as fine-grained crystals of quartz, are immersed within a fine-grained matrix of quartz and very fine-grained dispersions of clay(?). The heterogeneous aggregate is crosscut by sub-parallel veins and veinlets of dolomite, which are then reactivated by clay-quartz veinlets.

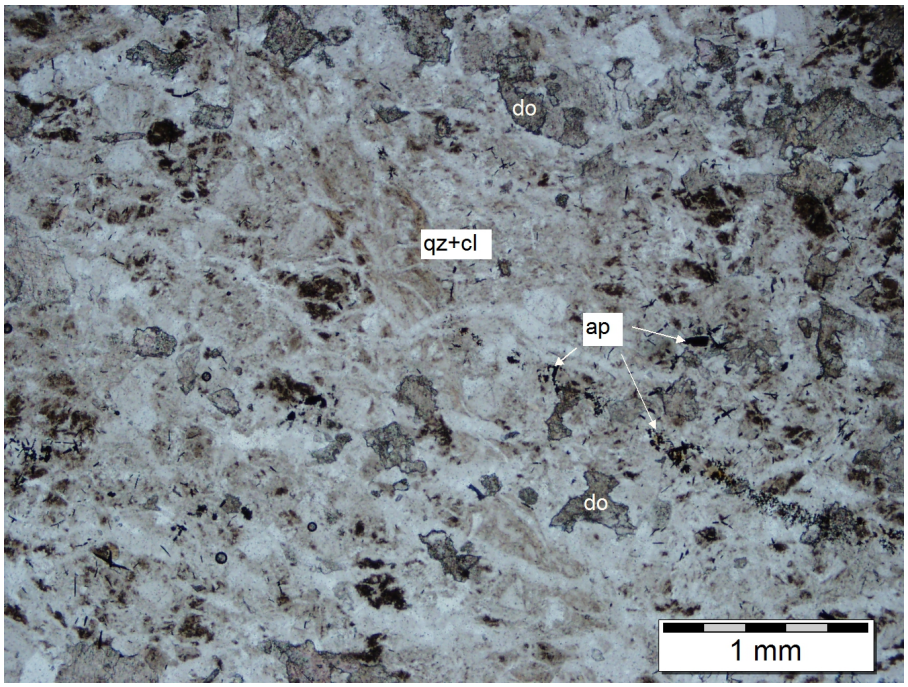
Mineral	*Modal %*	*Main Size Range (mm)*
quartz	80 – 85	0.01–0.3
dolomite	15 – 20	up to 0.7
clay (illite?)	2 – 3	up to 0.01
arsenopyrite	tr	up to 0.02
pyrite	tr	up to 0.2
calcite	tr	up to 0.2

Quartz forms inequigranular (0.01–0.1 mm) crystal aggregates, with shapes varying from interlobate to slightly elongate and sub-prismatic within the matrix. The matrix hosts inequigranular fragments of quartz (up to 0.3 mm) and dolomite-quartz aggregate in the lower part of the polished thin section and is intergrown with very fine-grained dispersions of **clay** in the upper part. Most of the quartz crystals show undulose extinction, thus indicating that the quartz crystallization was stress induced.

Dolomite filled in veins and veinlets that crosscut the quartz-rich aggregate. The veins (up to 4 mm thick) are mostly sub-parallel; however, some veinlets crosscut this sample at ~45° and branch off from the thicker veins. The dolomite tends to form sub-prismatic crystals elongated at high angles with respect to the vein walls. Most of the medium-grained dolomite crystals show undulose extinction. The dolomite was distinguished by its slow reaction to cold dilute (10%) HCl. Within some veins and veinlets, the dolomite was overprinted by subordinate and fine-grained calcite, the latter distinguished by its brisk reaction. Dolomite is variably intergrown with fine-grained quartz within the inequigranular (up to 4 mm) fragments.

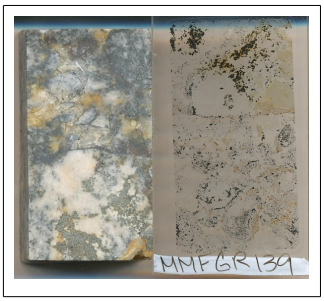
Very fine-grained (up to 0.02 mm) euhedral crystals of **arsenopyrite** are heterogeneously clustered within the fine-grained quartz and dolomite-rich aggregates. The arsenopyrite is distinguished by its high reflectance, white colour, and typical lozenge shape.

Pyrite forms anhedral crystals up to 0.2 mm that show a similar reflectance but a yellowish/creamy white colour compared with the arsenopyrite. Some of the pyrite crystals show clustered and very fine-grained inclusions that impart a porous aspect and indicate a fast growth rate at some point in the pyrite's crystallization history.



***Photomicrograph 2**: Very fine-grained crystals of arsenopyrite (ap) are clustered within the fine-grained quartz, clay (qz+cl), and dolomite (do) matrix. Plane-polarized transmitted light.*

Sample 3: MMFGR139



Sphalerite-arsenopyrite-bearing barite-quartz breccia

Angular fragments of inequigranular calcite aggregate were overprinted by coarse-grained sphalerite and fine-grained arsenopyrite and then filled in by medium-grained and euhedral barite and fine-grained quartz.

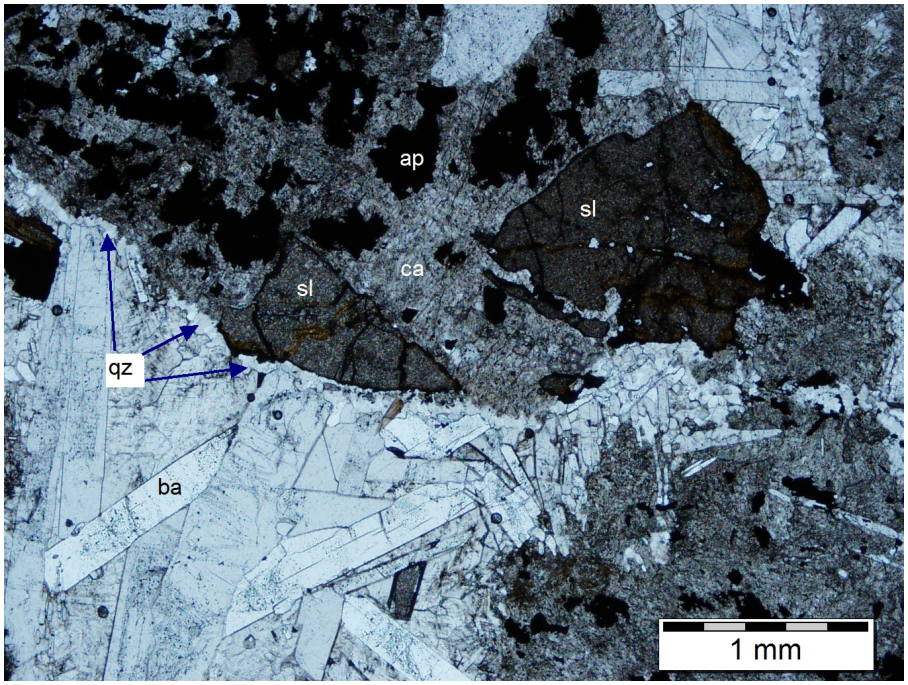
Mineral	*Modal %*	*Main Size Range (mm)*
calcite	58 – 60	up to 0.3
barite	18 – 22	up to 2.5 × 0.25
sphalerite	12 – 14	up to 5
arsenopyrite	4 – 5	up to 0.2
quartz	4 – 5	up to 0.25

Calcite is fine to medium grained and forms interlobate aggregates in which the crystals show a moderate to strong undulose extinction. The calcite aggregates were overprinted by coarse-grained sphalerite and fine-grained arsenopyrite, then were fractured and filled in by abundant barite and subordinate quartz. The calcite is distinguished by its high relief, extreme birefringence colours, and brisk reaction to cold dilute (10%) HCl.

Barite forms coarse-grained and euhedral crystals within the infill domain. The euhedral and tabular prisms reach 2.5 × 0.25 mm and are distinguished by low birefringence colours (first-order white), straight extinction, positive elongation, and three cleavage systems ({001}, {210}, and {010}). The barite is intergrown with fine-grained **quartz**, which occupies the interstices between the barite and the calcite-rich fragments. In some cases, the quartz forms comb microstructures and the subhedral crystals are projected into the infill domains, thus indicating that the quartz was probably the very first mineral crystallized within the infill domain.

Sphalerite forms anhedral and coarse-grained crystals that overprinted the calcite. Some of the sphalerite crystals are fractured and filled in by quartz. I interpret these microstructures as indicating the earlier crystallization of sphalerite with respect to the quartz and the barite.

Fine-grained and euhedral **arsenopyrite** preferentially overprinted the calcite-rich fragments. The arsenopyrite forms stellate to irregular aggregates that in some cases are intergrown with the sphalerite. In most occurrences, the arsenopyrite hosts fine- to very fine-grained inclusions of calcite and unresolved minerals.



***Photomicrograph 3**: The fine- to medium-grained aggregate of calcite (ca) is intergrown with sphalerite (sl) and arsenopyrite (ap) and is fractured and filled in by barite (ba) and quartz (qz). Plane-polarized transmitted light.*