

# **2013 GEOCHEMICAL ASSESSMENT REPORT ON THE SILVER CITY PROJECT**

**Klondike Gold Corp.**

Claims:

STEPH 1 – 100    YE71601 – YE71700

Dawson Mining District  
NTS Map Sheet 116B/05

Coordinates of the centre of the claim group are: 555000 E, 7133000 N  
UTM NAD 83 zone 7N

Work performed July 10 - 16, & September 13 - 16, 2013

Claim Owner: Klondike Gold Corp.

By: W.D. MANN, M.Sc., P.GEO.



## TABLE OF CONTENTS

1.0	Executive Summary.....	3
2.0	Introduction.....	3
3.0	Property Description and Location.....	4
4.0	Accessibility, Climate, Local Resources, Infrastructure and Physiography.....	6
5.0	History .....	7
6.0	Geological Setting and Mineralization .....	10
	Yukon-Tanana Terrane.....	10
	Geology .....	10
	Structural Geology .....	10
	Mineralization.....	11
	Quaternary Geology .....	11
	Property geology.....	11
7.0	Deposit Types.....	13
8.0	Exploration.....	13
	July 2013 Soil and Rock Sampling .....	13
	September 2013 Soil and Rock Sampling .....	14
9.0	Drilling.....	19
10.0	Sample Preparation, Analyses and Security.....	19
11.0	Data Verification.....	19
12.0	Environmental Studies, Permitting and Social or Community Impact.....	19
13.0	Adjacent Properties .....	20
14.0	Interpretation and Conclusions .....	20
15.0	Recommendations.....	21
16.0	References .....	22

## **LIST OF FIGURES**

1.	LOCATION MAP & YUKON GEOLOGICAL TERRANES	5
2.	PROPERTY PHYSIOGRAPHY                      (photograph)	7

3.	SOIL & ROCK LOCATION MAP WITH CLAIMS	(1:25,000)	15
4.	SILVER GEOCHEMISTRY MAP	(1:25,000)	16
5.	GOLD GEOCHEMISTRY MAP	(1:25,000)	17

**LIST OF TABLES**

1.	CLAIM SUMMARY	4
2.	ROCK DESCRIPTIONS AND ANOMALY FOLLOWUP RESULTS	18

**LIST OF APPENDICES**

I	STATEMENT OF QUALIFICATIONS
II	STATEMENTS OF EXPENDITURE
III	SOIL ANALYTICAL CERTIFICATES
IV	ROCK ANALYTICAL CERTIFICATES
V	SAMPLE LOCATION TABLE

## 1.0 EXECUTIVE SUMMARY

The author was engaged as a consultant by Klondike Gold Corp. to conduct and supervise a gold and silver exploration program in 2013 at the Silver City claim group on the Yukon river, northwest of Dawson City, Yukon. The one hundred claim project surrounds a block of nine claims owned by a competitor, and covers an area roughly 6 by 4km.

The presence of high grade silver-lead vein material in float has been known in the area since 1895, and considerable effort has been expended in a small area centered on the competitor's claims with the driving of several adits and hydraulic monitoring of loose material on the steep slopes nearby. There are no well documented vein showings in the area, and very little modern exploration has been conducted.

The 2013 work program was conducted in two phases, and was focused on soil and rock geochemistry with some anomaly followup. Gold and silver in soil and rock anomalies were identified, including some multiple adjacent anomalous samples. The anomaly followup work did not produce encouraging results.

The claim block warrants further examination including detailed geological mapping on the south and west sides of the claims (where outcrop and subcrop is present) and grid soil geochemistry in the southwestern part of the claims where favourable geology and geochemistry has been demonstrated.

## 2.0 INTRODUCTION

Exploration during 2013 was conducted in two short phases. The first phase in July returned 155 soils, 2 silts and 2 rock samples. The second phase in September returned 74 soils and 18 rock samples. Many of the rock samples were collected from the sites of or in the vicinity of anomalous soils collected in previous phases of exploration.

Most of the 2013 work consisted of ridge and spur auger soil samples, generally collected at about 50m intervals. The work was conducted to meet assessment requirements on the STEPH claims, and was filed to meet the July 26<sup>th</sup> claim anniversary deadline. The second phase of work will be applied to 2014 assessment.

This report is to cover the two 2013 assessment filings for the group of claims, a contiguous block of 100 claims that extends along the northern shore of the Yukon river, south and west of the Fifteenmile river.

The author, working as a consultant directed the work program on the claims and participated in the second phase.

### 3.0 PROPERTY DESCRIPTION AND LOCATION

The Silver City Project consists of a block of 100 claims that extends along the northern shore of the Yukon river about 35km downstream from Dawson City, just downstream of the mouth of the Fifteenmile river.

The claims lie on NTS map sheet 116B/05 within the Dawson mining district. Locations on the property are located by handheld GPS, using NAD 83 UTM coordinates. Property location is shown in figure 1.

The 2013 phase 2 camp was located on the ridge crest at UTM 553620, 7132710.

The property consists of the following claims:

**TABLE 1.**

Silver City Project Claim Summary		NTS 116B/05	
Claim Names	Owner	Grant Numbers	Expiry Date
Steph 1 - 18	Klondike Gold Corp.	YE71601 - YE71618	2015-07-26
Steph 19 - 24	Klondike Gold Corp.	YE71619 - YE71624	2014-07-26
Steph 25 - 30	Klondike Gold Corp.	YE71625 - YE71630	2015-07-26
Steph 31 - 34	Klondike Gold Corp.	YE71631 - YE71634	2014-07-26
Steph 35 - 40	Klondike Gold Corp.	YE71635 - YE71640	2015-07-26
Steph 41 - 48	Klondike Gold Corp.	YE71641 - YE71648	2014-07-26
Steph 49 - 56	Klondike Gold Corp.	YE71649 - YE71656	2015-07-26
Steph 57 - 62	Klondike Gold Corp.	YE71657 - YE71662	2014-07-26
Steph 63 - 80	Klondike Gold Corp.	YE71663 - YE71680	2015-07-26
Steph 81 - 100	Klondike Gold Corp.	YE71681 - YE71700	2014-07-26

The expiry dates listed above are contingent on acceptance of this assessment report.

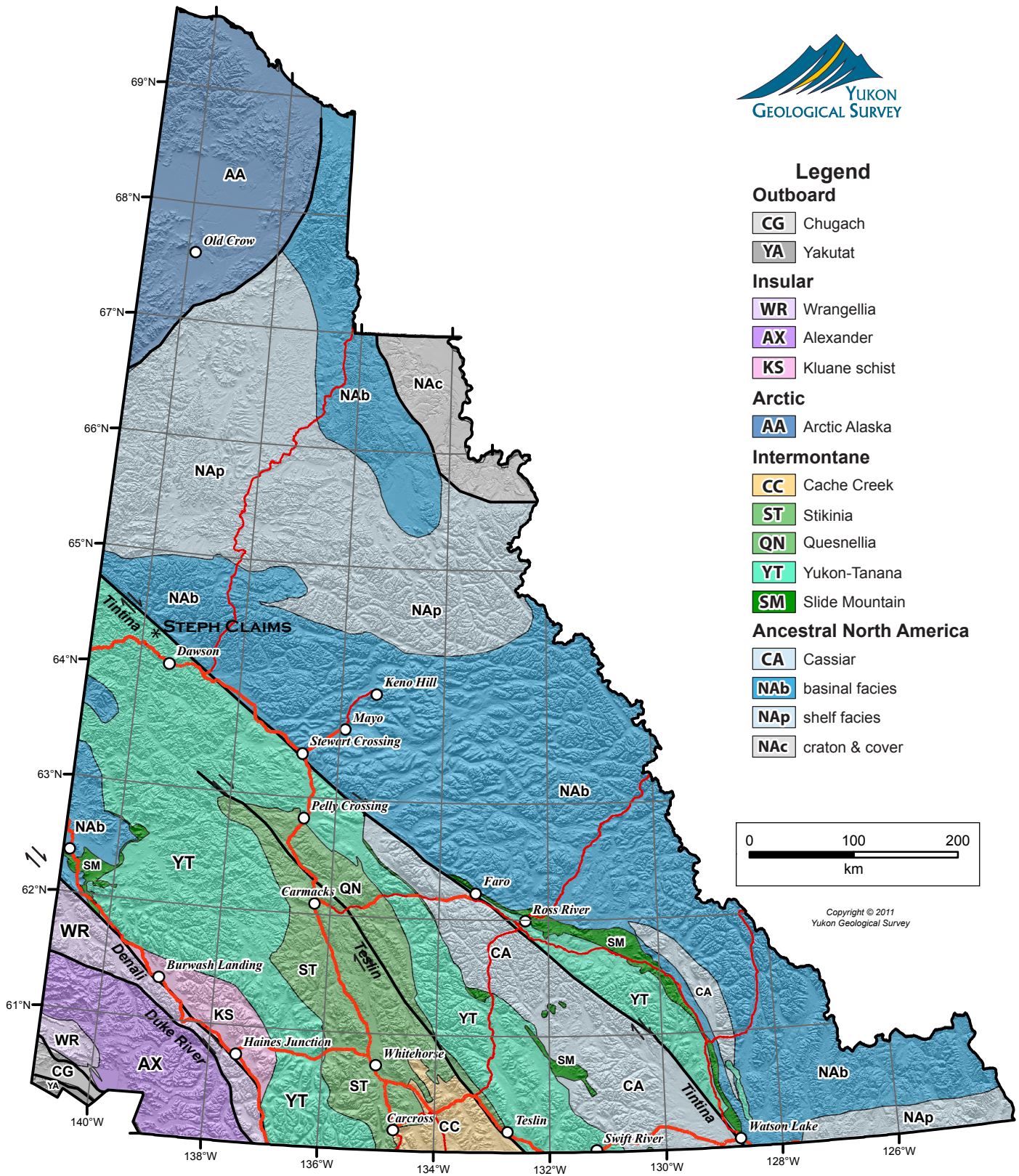


Figure 1. Location - Silver City Project - Steph Claims

## 4.0 ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY

The Silver City project area consists of rugged topography of rounded hills and V-section valleys, and lies at the contact between glaciated and non-glaciated terrane. Cliffs are prominent and common along the Yukon River valley, and this is the dominant land form on the south side of the property. The north slope of the property is gentle and mostly covered by black spruce forest with buckbrush (Fig. 2). Weathering of the region has had a lengthy history, resulting in few natural fresh rock exposures. The Silver City project is situated on the boundary between the Yukon Plateau- North and the Klondike Plateau ecoregions, both part of the Boreal Cordillera ecozone (Smith et al, 2004).

Dawson City is on the Yukon River at 1050' (320m). Elevation on the claims ranges from about 1000' (300m) at river level to about 3000' (1000m) on the ridge above the river. The region surrounding the claims is covered by spruce, poplar, birch and alder.

Dawson City is approximately 480 km from Whitehorse along the Klondike Highway which is a completely sealed two-lane road. A 5000'x100' gravel surface lighted Yukon Government airfield at 1214' (370m) elevation is located in the Klondike River valley. Dawson is served by a scheduled service of twin-engined turboprop aircraft from Whitehorse and by highway there is a regular freight service. Dawson City offers normal town facilities such as hotels, restaurants, grocery, clothing and hardware stores, engineering supplies and two bulk fuel depots.

The claim block is easily accessed by river boat or helicopter, lying about 35km downstream from Dawson City. A winter trail bulldozed from Dawson to the claims in 1973 is mostly overgrown, but could theoretically be used again in the future (with permits).

The property is within Central Yukon Basin climatic zone, characterized by a sub-arctic climate, with normally low annual precipitation (less than 400mm total precipitation). The workable exploration season extends from late May until October, by which time nightly temperatures are below freezing and there may be a few centimeters of snow on the ground. Winter temperatures may drop to at least -40°C for up to six weeks in January and February. Summer rainfall is highly variable and unpredictable.

The first phase of exploration in 2013 was conducted by boat from Dawson, with a tent camp across the river from the property. The camp site used was more level than any available on the property, and was located near a creek with fresh water. The second phase of exploration was conducted with helicopter access and a camp located in the west-central part of the claim block, near the highest point on the claims.



Figure 2. Project physiography – black spruce forest on gentle north slope.

## 5.0 HISTORY

Much of the work described below occurs on the competitors claims (Allos & SC) which are surrounded by the STEPH claims of Klondike Gold Corp's Silver City project. The Silver City occurrence is identified in the Yukon Minfile as occurrence 116B 037. Minfile occurrences 116B 074 WINAGE and 116B 075 HEALY are located on the western edge of the property, or just off the claims but on the same side of the river.

The Silver City adits are thought to be located just west of the boundary between the Step 41 and Allos 2 claims, however there are no accurate maps of the adit locations with respect to the current claims. Most of the work was either poorly documented or the documentation is not available to the author. Most work in recent decades consists of brief field examinations with little exploration work conducted. There are references to silver-lead float having been found to the northeast, perhaps near the Fifteenmile river, however no documentation is available.

- 1895 – Silver-lead float discovered on the river bank by William Ogilvie.
- 1899 - Staked as Carbonate cl (315) – location of Silver City minfile occurrence (116B 037).
- 1902 - Restaked as Yukon Beauty & Australia Girl cl (5723). Strong rumours persist that a 9.1 tonne shipment was made about 1902.
- 1905- 1906 - Restaked as Jeanerette group (Yukon Maid, Camp Bird & Yukon Chief) cl (7254) by Jeremiah O'Neill and partners, who drove a 198 m adit and a 15 m raise near the river bank. Highest assay: 800 oz/t Ag, 75% Pb, \$12 Au per ton.
- 1926 - The property was restaked as the Lava, Beaver, etc cl (15082) around the Jeanerette groups by J. Lawrence and P. Rost, which triggered a small staking rush. Rost later shipped 4.5 tonnes of hand-cobbed float from surface to the Tacoma Smelter.
- 1927 – property examined by the GSC (Cockfield, 1927).
- 1927 Black Mike Winage staked the White Owl claim that is the basis of the Winage minfile occurrence (116B 074) to the west of Silver City.
- 1927 – Four claims were staked from the western river bank to the ridge by W.H. Taylor at the HEALY minfile occurrence (116B 075).
- 1929 - J. Risco optioned the property and drove a 39.6 m adit 130 m above the river.
- 1942 - H. Wadcock restaked as Macbeth cl (4230).
- 1952 - Risco restaked as Eureka cl (57764).
- 1953 – report written by J.F.V. Millar, Mining Engineer for Y.C.G.C. (not available).
- 1958 - Risco restaked as Silver King, etc cl (78604). Attempted to reopen his adit.
- 1962 - Risco optioned his claims to L. Patnode and W. Kaufman, who drove a 84m adit 91 m above the river and performed hydraulic monitor trenching in 1962 and 1963. The first 28m of the adit was in overburden, and after that point in crumpled schist.
- 1964 - Silver City ML was formed and it continued hydraulic mining in 1964-65. The 1964 hydraulic cut exposed Risco's 1929 adit and two older adits (Mineral Industry Report 1971- 72). The hydraulic cuts totalled 75,000 cubic yards. The hydraulic cut closest to the river, below the 1963 adit exposed some galena-bearing talus.
- 1963 – report written by Ken Rose for Newmont Mining Corporation (not available).
- 1963 - report written by C. J. Brown for White Pass and Yukon Route (not available).
- 1964 - report written by Dr. W.V. Smitheringale, for Silver City ML (not available).
- 1964 - report written by Ace R. Parker, for Silver City ML (not available).
- 1961 - 1964 – Mapping and geological investigations by the Geological Survey of Canada (GSC maps 13-1962 and 1284a- 1972).
- 1965 - Silver City ML drove a 56 m adit (38 m east of the 1929 adit and also 130m above the river) at North 4°E, and drilled two underground holes (61.0 m).
- 1965 – prospectus report written by Ace R. Parker, for Silver City ML (not available).
- 1965 - report written by A.W. Poole, for Silver City ML (not available).

- 1966 - J.E.M. horizontal loop EM survey conducted by Exploration Geophysics (Yukon) Ltd.
- 1967 – summary report written for Silver City ML prospectus (Sevensma, 1967a).
- 1967 - a grid soil survey was conducted to the east of the Fifteenmile river at the Fitch minfile occurrence (Sevensma, 1967b).
- 1968- 1969 - an attempt to reopen the lower adit.
- 1971 - Restaked as Plata cl (Y65002) by L. Patnode, who carried out geochem, mag and VLF-EM surveys later that year (Ogilvy & Presunka, 1971). Four EM conductors were identified.
- 1973 - L. Patnode built a 62.8 km winter road and bulldozer trenched.
- 1974 - L. Patnode drilled 5 holes (164.6 m) in 1974.
- 1975- 1976 – L. Patnode drilled 2 short holes at the Winage occurrence.
- 1976 - L. Patnode hand trenched.
- 1977 – Regional Geochemical survey of the area (Goodfellow & Lynch, 1978). The creeks on the property were not sampled.
- 1978 - L. Patnode restaked as Allos cl (YA31737).
- 1979 – S. Kormendy added DSN & DSS cl (YA47092) to the west. L. Patnode performed bulldozer trenching. A dozer road extends from the river bank to the upper adit, with a couple of switchbacks.
- 1984, 1986 and 1988 - Patnode performed hand trenching.
- 1985 - Noranda partially restaked DSN group as SC cl (YA87471).
- 1986 – property examination by United Keno Hill Mines (Stubens & Patnode).
- 1988 - Noranda staked Kelly cl (YB4934) to the east.
- 1988 – geological mapping at 1:250,000 scale, southwest of the Tintina fault (Mortensen).
- 1989 - The Allos and SC claims were transferred to K. Potter, who holds these claims to date.
- 1989 - R. Wondga performed rotary drilling on the Kelly claims (east of the adits). No documentation of this work is available.
- 1994 - Phase I Environmental Assessment of the Silver City Abandoned Mine Site.
- 1996 – Surficial geological mapping by Geological Survey of Canada (Duk-Rodkin).
- 1997 - Phase II Environmental Assessment of the Silver City Abandoned Mine Site.
- 2011 – STEPH claims staked.
- 2012 – Ridge and spur soil geochemistry and prospecting over a large part of the property (Mann).

## 6.0 GEOLOGICAL SETTING AND MINERALIZATION

The Silver City project area has seen little modern geological investigation. The 1:250,000 scale geology was originally mapped in the 1960s (Green & Roddick, 1962) and more recently in the 1980s (Mortensen, 1988). The airborne magnetics data is from the 1960s, and is therefore of poor accuracy and resolution. No property scale geological mapping is available.

### YUKON-TANANA TERRANE

The project is underlain by the Yukon-Tanana terrane which extends from Alaska to the southern Yukon and B.C. (Fig. 1.) The terrane is now considered to be those Devonian-Mississippian strata of continental affinity which are overlain by volcanic arc successions that include backarc and island arc tectonic settings (Colpron, 2006). These units are polydeformed and, over a regional scale, show a range of metamorphic grade from lower greenschist to amphibolite facies. Structural styles are consistent with deformation during east to northeastward directed accretion and crustal shortening.

### GEOLOGY

The area is underlain by upper Devonian to lower Mississippian rocks of the Finlayson Assemblage (formerly Nasina Assemblage) of the Yukon Tanana Terrane: mafic to felsic metavolcanic rocks of arc and back-arc affinities; carbonaceous pelite, metachert, minor quartzite; metavolcaniclastic rocks; marble (Colpron, 2006). The metamorphic rocks are greenschist to lower amphibolite grade.

Late Cretaceous Carmacks volcanics (basalt & agglomerate) occur about 3km to the east of the property. This unit coincides with a prominent magnetic high in the regional airborne magnetic survey.

Mid Cretaceous granitic rocks occur as a stock along the Yukon river about 20km northwest of the property (the Mt. Carmacks pluton). A smaller stock occurs a few kilometers to the southeast at the mouth of Fresno creek.

### STRUCTURAL GEOLOGY

The project lies about 3km southwest of the Tintina fault. The metamorphic rocks have undergone at least four distinct phases of deformation, including abundant low angle thrust faults (Mortensen, 1988).

An east- west trending anticline lies central to the property, with gently dipping layers of quartzite, greenstone and schist that are bound by two or three thrust faults. Serpentinized ultramafic lenses are present within the thrusts. An east-west trending, steeply dipping zone of fault gouge is reported in one of the adits.

## MINERALIZATION

A variety of styles of mineralization occur within the region, including stratiform, porphyry and skarn base metal occurrences and gold &/or silver bearing mesothermal and epithermal veins. Asbestos occurs in serpentinite lenses, notably the Woodchopper occurrence located across the river to the southwest.

## QUATERNARY GEOLOGY

The Silver City project lies at the contact between unglaciated terrane and the edge of pre-Reid and Reid aged glaciated terrane at the western margin of the Cordilleran ice sheet limits. The Fifteenmile river valley along the northern edge of the claims was affected by glaciation, as well as the westernmost ridge top, while the upland area in the centre of the claims and the west and south-facing slopes were not glaciated (Duk-Rodkin, 1996).

The project is in the zone of widespread discontinuous permafrost, with permafrost generally present on north and east facing slopes.

Upland soils in the area, dominated by colluvium have been described further south by Bond & Sanborn (2006): *“... a thin veneer (<25 cm) of loess is preserved on moderate upland slopes. On slopes with a south-facing aspect the loess forms a distinct unit at the top of the B horizon. A minor component of coarser locally derived colluvium appears to have been incorporated in the loess by slope processes in many places. On north-facing slopes, permafrost is commonly present (or has been present), which enhances the colluviation of the surficial deposits. On these slopes, the loess has been incorporated in the underlying colluvium by cryoturbation.”*

Some active soil slumping was observed in a steep part of the west facing slope on the property by the author.

## PROPERTY GEOLOGY

On the property quartzite and carbonaceous pelite are found in the uppermost layer (Devono-Mississippian Yukon Tanana Terrane), mafic metavolcanics (greenstone) with local serpentinite in the middle layer (Carboniferous to Permian Slide Mountain Terrane) and quartz- mica schist with marble (or dolomite?) layers found in the lowest layer (Triassic Slide Mountain Terrane) (Mortensen, 1988). Some graphite-rich schist layers are reported, and chlorite is locally abundant in the schist. The ultramafic rocks do not show a magnetic anomaly on the regional airborne survey, and are thought therefore to be totally serpentinitized.

A felsic dyke was mapped by Mortensen in his field notes, but it is not shown on the final map due to the scale. The dyke cuts stratigraphy in a northeasterly trend from around river level to near the ridgetop. Examination of this trend near the ridgetop did not confirm the presence of the dyke. The unit is mainly recessive and brownish colour, with a couple of rusty brown weathering small knobs. Sevensma described this unit as a rhyolite porphyry, with very large talus blocks. A

few mafic dykes with a north-south trend are shown by Mortensen along the riverbank near the sharp southern bend in the river (on his field map). The presence of these dykes was confirmed in 2012, and some gold and silver mineralization is spatially related to the dykes. The age of these dykes is unknown.

Sporadic outcrop, subcrop and float rock along the ridge crest was prospected and examined by the author during the September program. No graphitic or ultramafic rocks were observed. The felsic dyke shown on the field map of Mortensen was not seen (on Step 20 & 22 claims), however quartz-feldspar porphyry was observed in outcrop and float further east on the Step 62 claim, along with minor aphanitic mafic dyke rock. Rocks observed along the ridge also included quartz augen schist, quartzite, laminated quartzite, greenstone and phyllite. Near minfile occurrence 116B 075 there is good outcrop of green-grey phyllite and greenstone with abundant discordant quartz-ankerite-calcite-(pyrite, limonite, hematite) veins.

The following description of mineralization at Silver City is adapted mostly from Yukon Minfile: Mineralized float has been found in the lower 150 m of a 600 m slope in an area of multiple slides caused by erosion along steep faults which strike east-west parallel to the river.

Mapping of the slide material on surface and underground indicates that the lower slope is composed of a quartz-carbonate rock, interbedded with sericite-graphite schist, which is overlain by dioritic rocks, and in turn, quartzite and argillite of probable Paleozoic age.

The quartz-carbonate rock is host to the mineralization, which consists of galena, tetrahedrite, sphalerite, chalcopyrite and siderite. The quartz-carbonate rock is interpreted as a flat-lying altered ultramafic sill that lies above the old workings. Sevensma (1967) notes that “a light-brown weathering quartz-dolomite rock with both mariposite and occasional nickel stain is the most significant member and is the host rock of all the reported mineralized occurrences”.

A stibnite showing occurs about 1.6 km to the west (therefore likely close to the felsic dyke). Specimens of silicified andesite containing 1 to 20% stibnite that were taken from the old dump in 1986 assayed 0.07 g/t Au, 1.1% As and 9.5% Sb.

Grab samples of vein float show average silver-lead ratios between 5:1 and 10:1 (oz Ag: %Pb), and silver assays as high as 27,427.8 g/t. The 1929 adit is rumoured to have cut 15.8m of disseminated mineralization before intersecting a 90 cm vein of galena which assayed 20,673 g/t Ag.

Cockfield (1927) describes one- to eight-inch seams of galena and sphalerite, with subordinate chalcopyrite, malachite and azurite in highly faulted lenses of dolomite. The shipment made (ca. 1926) of 5 tons was from material that occurred as float on the beach. Picked samples of this float have yielded 200 to 500 oz of silver per ton. Quartz stringers up to eight inches thick and sparsely mineralized with galena and chalcopyrite were noted east of the beach zone and 700 feet above the river.

## 7.0 DEPOSIT TYPES

Exploration on the Silver City Property is not sufficiently advanced to assign specific deposit types to the property, however high grade silver-lead veins are known immediately adjacent to the claims on competitors ground. Potential is thought to exist on the property for several other types of deposit, including orogenic gold and intrusion-related gold +/- silver. Stibnite is reported from the area, so antimony is also a potential target.

## 8.0 EXPLORATION

### JULY 2013 SOIL AND ROCK SAMPLING

Geologist Sandro Frizzi and prospector Max Mikhailytchev, and an assistant (Alex) mounted an expedition that spent 5 days on the claims. Access was by river boat to transport the crew, supplies, samples and equipment to and from the claims. 155 soils, 2 silts and 2 rock samples were collected.

The samples were collected mostly on the northern slopes of the property that had not previously been explored, and also the western part of the claims that had returned anomalous values. Soil samples were generally collected at 50m intervals using Dutch augers to penetrate as deep as possible, generally to collect C horizon soil.

Soil sample sites were marked with flagging tape and the location recorded by GPS. Soil and rock sample numbers and locations are presented in figure 3, with silver results presented in figure 4 and gold in figure 5, all at 1:25,000 scale.

The samples of rock and soil were delivered directly to the AcmeLabs laboratory in Whitehorse for aqua regia digestion and 36 element ICP-MS analysis. Soil and Rock sample analytical results are presented in Appendices III and IV respectively. Sample UTM locations and summary geochemical results are presented in Appendix V.

Gold and silver were found in anomalous amounts in several locations. The best (of two) rock samples returned values of 9.0 ppb Au and **1.9 ppm Ag** with highly elevated Cu (7513ppm) & Sb (223ppm).

Gold in soil was generally low, with only 12 of 157 samples above 10 ppb gold. However, there was one sample that returned **295.2 ppb Au**, collected in the southwestern part of the property. This highlight sample gives encouragement for further work on the west side of the claims. Silver in soils returned a maximum value of **1.6 ppm**. Silver values were generally low, with 72 of 157 samples below the detection limit of 0.1 ppm Ag.

Silver is associated with locally elevated Mo, Cu, Pb, Zn, Cd, Bi, Cu, Mo, Sb, Hg & Se, while gold is sporadically associated with arsenic and silver.

Another prospecting day trip was made to the property on July 23, however this work was not documented or claimed for assessment.

## SEPTEMBER 2013 SOIL AND ROCK SAMPLING

The author and prospector Max Mikhailytchev spent four days on the claims in September. Access was by helicopter to the ridge crest, where a camp was established at UTM 553620, 7132710. 74 soil and 18 rock samples were collected.

Work during this phase was focused on anomaly followup, soils from the far northern area of the claims, and soils overlying a presumed favourable lithology. Minfile occurrence 116B 075 on the Steph 11 claim near the western edge of the claim block was also examined.

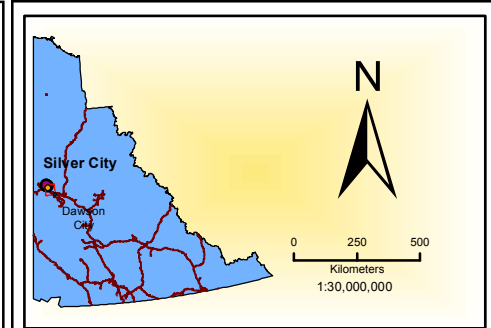
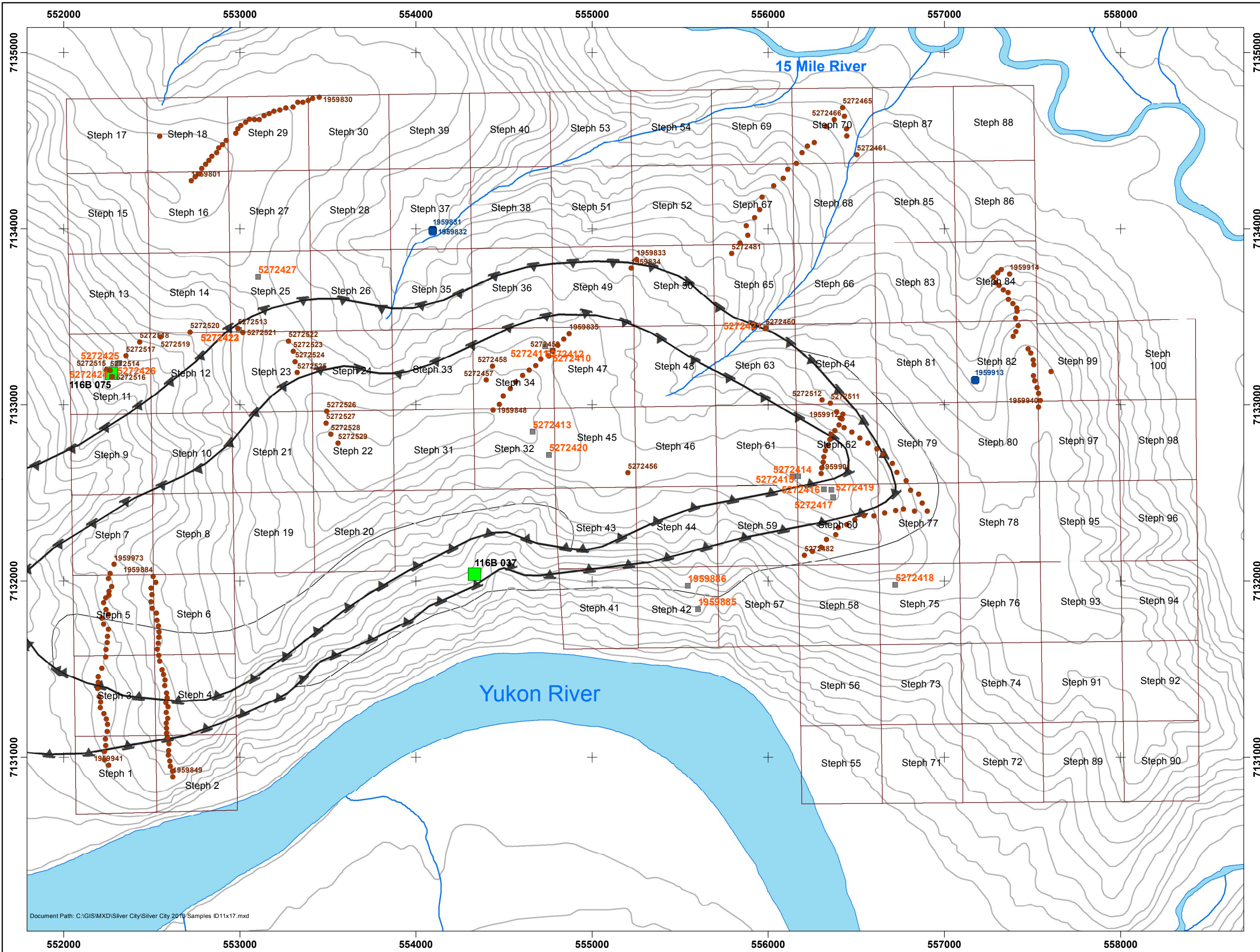
The results of followup on soil geochemical anomalies are summarized in Table 2 below. Hand pits were dug at the anomalous soil sites, with rock samples collected for analysis and duplicate soil samples in some cases. The results are generally disappointing, with only low levels of gold, silver and other metals returned from rocks and soils at the anomalous sites.

A new soil line was sampled at the far northern part of the property on the Steph 67 & 70 claims (samples 5272461- 5272481). This area had not previously been tested, and results were negative.

A contour soil line was sampled to follow the map trace of a lithology thought to be favourable for mineralization on the Steph 60, 62, 64, 77 & 79 claims (samples 5272482- 5272512). The unit is carbonate-rich and is the host rock for silver-rich veining at the Silver City occurrence to the west. It is mapped extending around the ridge on the Steph claims, however no outcrops were observed in this area. The soil analyses from this area were not significantly anomalous in gold, silver or pathfinder elements.

Followup sampling at the site of 2012 sample 1418707, which returned 780ppb Au returned negative results from both rocks and soil. The original sample had only background levels of pathfinder and base metals, therefore the negative results in 2013 are not surprising.

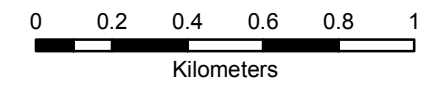
Rock and soil analyses from the area of Yukon Minfile occurrence 116B 075 on the Steph 11 claim were not significantly anomalous in gold or silver, but were elevated in Mo, Cu, Zn & Pb. The prominently outcropping rocks observed were green-grey phyllite and greenstone with abundant quartz-ankerite-calcite-(pyrite, limonite, hematite) veins discordant to foliation. This occurrence is now considered to have low economic potential.



**KLONDIKE GOLD CORP.**  
CANADIAN GOLD AND BASE METAL EXPLORATION

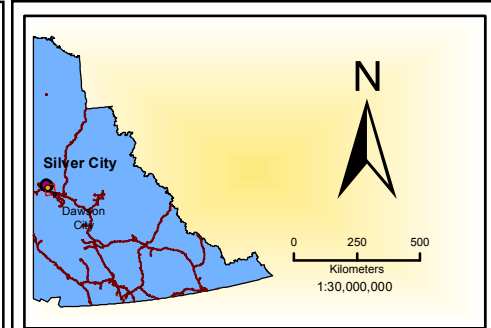
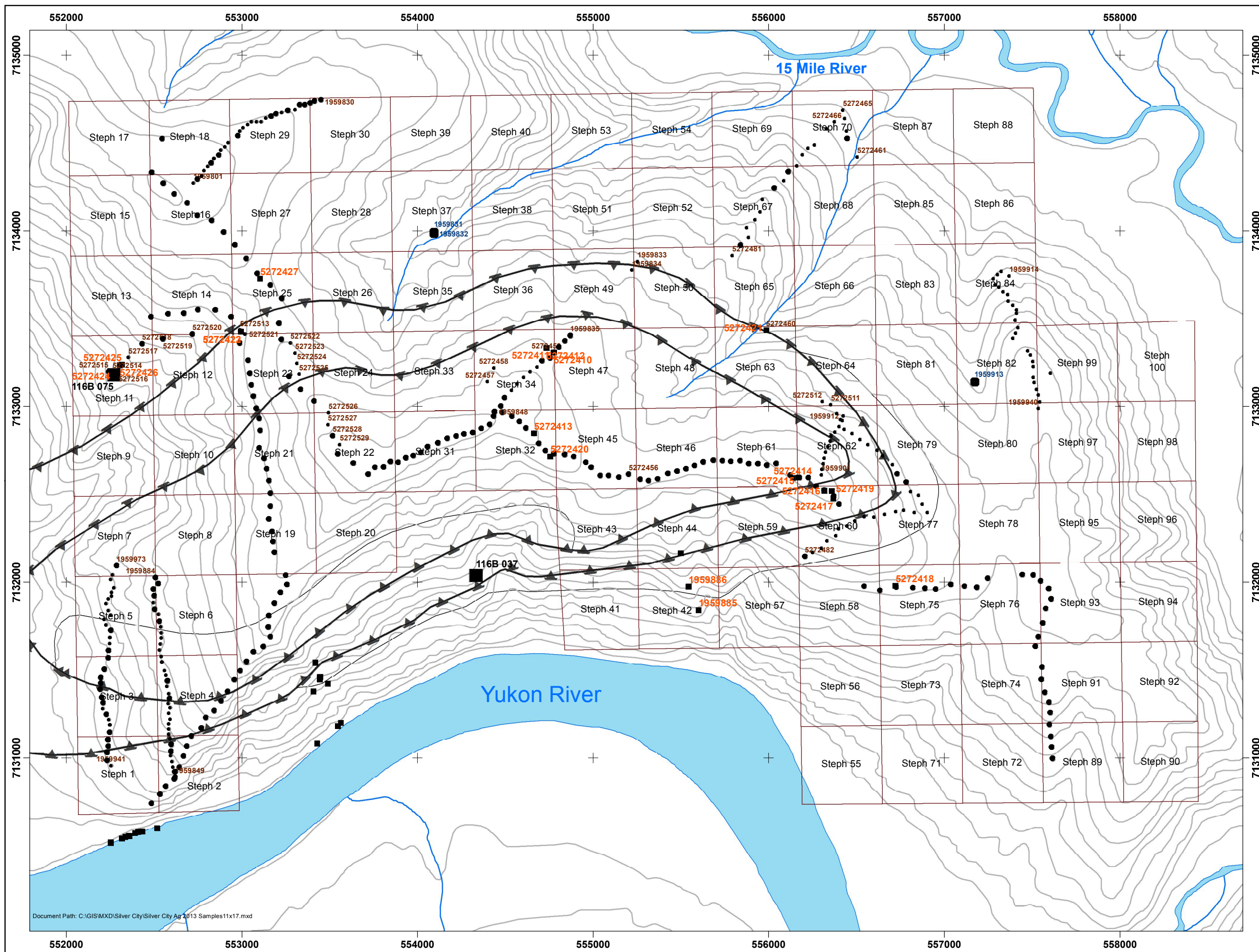
## 15 Mile Silver City 2013 Sampling

- 2013 Soils
- 2013 Rocks
- 2013 Streams Sediments
- Yukon MINFILE
- Silver City Claims



1:20,000  
Author: Katie Dodd  
Date: December 9, 2013

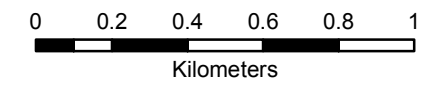
Document Path: C:\GIS\MXD\Silver City\Silver City 2013 Samples ID11x17.mxd



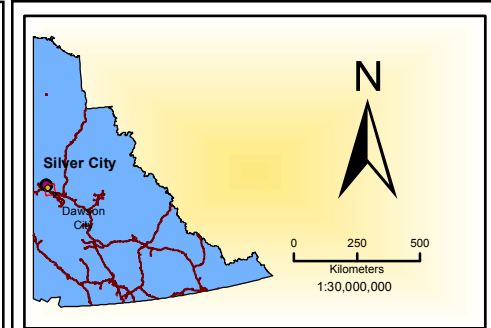
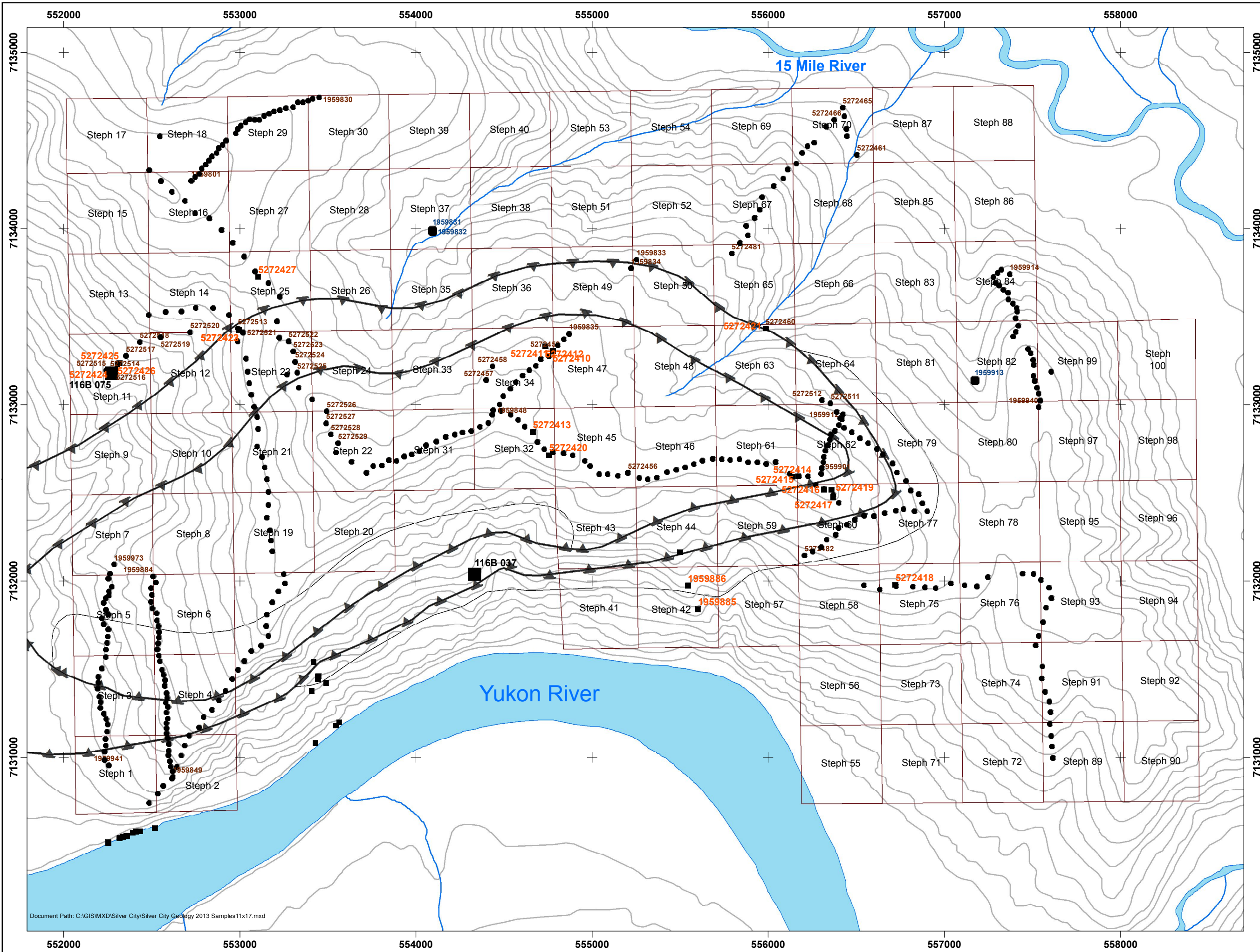
**KLONDIKE GOLD CORP.**  
CANADIAN GOLD AND BASE METAL EXPLORATION

## 15 Mile Silver City 2013 Sampling

- |                          |                      |
|--------------------------|----------------------|
| ● 2012 Soils             | ■ 2012 Rocks         |
| <b>2013 Soils</b>        | <b>2013 Rocks</b>    |
| <b>Ag ppm</b>            | <b>Ag ppm</b>        |
| ● <0.1                   | ■ <0.1               |
| ● 0.1 - 0.3              | ■ 0.1 - 0.3          |
| ● 0.3 - 0.5              | ■ 0.3 - 0.5          |
| ● 0.5 - 1.0              | ■ 0.5 - 1.0          |
| ● 1.0 - 5.0              | ■ 1.0 - 5.0          |
| ● >5                     | ■ >5                 |
| ● 2013 Streams Sediments | □ Silver City Claims |
| ■ Yukon MINFILE          |                      |



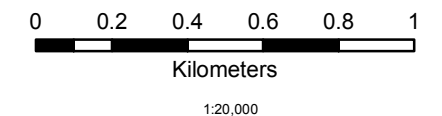
1:20,000  
Author: Katie Dodd  
Date: December 9, 2013



**KLONDIKE GOLD CORP.**  
CANADIAN GOLD AND BASE METAL EXPLORATION

## 15 Mile Silver City 2013 Sampling

- |                          |                      |
|--------------------------|----------------------|
| ● 2012 Soils             | ■ 2012 Rocks         |
| <b>2013 Soils</b>        | <b>2013 Rocks</b>    |
| <b>Au ppb</b>            | <b>Au ppm</b>        |
| ● <5                     | ■ <0.5               |
| ● 5 - 10                 | ■ 0.50 - 1.00        |
| ● 10 - 20                | ■ 1.00 - 3.00        |
| ● 2 - 50                 | ■ 3.00 - 5.00        |
| ● 50 - 75                | ■ 5.00 - 10.00       |
| ● >75                    | ■ >10                |
| ● 2013 Streams Sediments | □ Silver City Claims |
| ■ Yukon MINFILE          |                      |



Author: Katie Dodd  
Date: October 31, 2013

Document Path: C:\GIS\MXD\Silver City\Silver City Geology 2013 Samples11x17.mxd

TABLE 2.

**Silver City 2013 Rock Descriptions and Anomaly Followup Results**

Sample	E	N	Location	Description	Au ppb	Ag ppm
5272410	554776	7133308	1959838 soil site	Cobbles from hand pit. Foliated green meta-quartzite with limonite & MnOx on fractures. Soil returned multi-element anomaly (Au, Ag, As, Cu, Hg, Mo, Pb, Zn etc). Followup soil was also anomalous (5272459).	<2	<0.1
5272411	554776	7133308	1959838 soil site	Pebbles from hand pit. Limonitic stained rock with white quartz veins.	4.0	0.1
5272412	554735	7133332	on trail	30cm boulder. Silicified (?) quartzite w/ irregular white Q veinlets & rusty pits.	<2	<0.1
5272413	554664	7132846	1418541 soil site	Cobbles from hand pit. Dark grey phyllite, possibly graphitic. No mineralization note. Soil returned anomalous Au (6.3ppb), Ag (1.8ppm), Mo.	13.0	0.5
5272414	556138	7132593	outcrop in forest	Light green meta-quartzite w/ dark green flecks. Sl. Calcareous. Limonite & MnOx on fractures.	<2	<0.1
5272415	556170	7132594	1418570 soil site	Cobbles & pebbles from hand pit. Green metaquartzite. Soil returned 10ppb Au	<2	<0.1
5272416	556317	7132519	1418573 soil site	Boulder, cobbles, pebbles from hand pit. Altered QFP dyke, glassy Q eyes, pale fspar in dk. Grey silicified (?) matrix, local vugs w/ limonite & MnOx. Soil returned 33ppb Au.	<2	<0.1
5272417	556369	7132476	subcrop in forest	2m x 1m subcrop of mafic dyke. Dark grey, vfg, cherty looking but not as hard as quartz, weakly magnetic, no foliation.	<2	<0.1
5272418	556723	7131978	1418776 soil site	Cobbles from hand pit. White vein quartz with abundant orange limonite.	<2	0.2
5272419	556360	7132518	subcrop at ridge crest	2m x 1m subcrop. Quartz-feldspar porphyry dyke. Dark grey aphanitic matrix.	<2	<0.1
5272420	554756	7132714	top of south slope	Grey-green quartzite boulders cut by numerous white quartz veinlets (1 to 5mm wide), local crystalline vugs.	<2	<0.1
5272421	555987	7133434	creek bed (Max)	Cobble of Quartz Porphyry dyke. Light green, rusty weathering with ~0.5% pyrite, glassy sub-round quartz eyes, aphanitic matrix.	<2	0.1
5272422	552996	7133426	1418707 soil site	20 pebbles from hand pit. Some white QV, limonite noted. <b>Soil returned 780ppb Au</b> with no anomalous pathfinders. 2013 followup soil (5272513) returned only 5.6ppb Au.	<2	<0.1
5272423	552996	7133426	1418707 soil site	Cobbles from hand pit. Green quartz-muscovite-chlorite schist/ gneiss, slightly rusty, some MnOx.	<2	<0.1
5272424	552274	7133158	minfile 116B 075 site	Abundant outcrop and scree. Assorted vein rock from 3m x 3m area. White Qtz- (calcite, ankerite, limonite, hematite) veins. Grey-green phyllite host.	<2	<0.1
5272425	552316	7133237	minfile 116B 075 site	Boulders at cliff base. Q- ankerite- cc- pyrite veining. Trace cubic pyrite. Greenstone host, weak cleavage.	<2	<0.1
5272426	552304	7133235	minfile 116B 075 site	Chips from subcrop discordant Q- ankerite veins in phyllite host.	<2	0.2
5272427	553104	7133727	ridge crest	Large boulders of white "bull" quartz. Only rocks in area, on ridge crest.	2.0	<0.1

## 9.0 DRILLING

No drilling was conducted on the claim group in 2013. Previous drilling known on (or adjacent to) the claims includes 2 holes from underground in 1965, 5 holes in 1974, 2 holes at the Winage occurrence in 1975- 1976 and rotary drilling in 1989. No documentation of any of this drilling is available.

## 10.0 SAMPLE PREPARATION, ANALYSES AND SECURITY

Soil samples were delivered in batches by company personnel directly to the AcmeLabs preparatory facility in Whitehorse. Samples were dried in a 60°C oven, then sieved to -80 mesh. The sieved sample was sent to the AcmeLab laboratory in Vancouver. A 15g subsample was leached in aqua regia at 95°C. Analysis was by ICP-MS for 36 elements (method 1DX2). Gold was analyzed with a 0.5ppb detection limit.

Rock samples were delivered by company personnel in batches directly to the AcmeLabs preparatory facility in Whitehorse. Samples were dried, crushed to 80% passing 10 mesh, then a 250g split was pulverized to 85% passing 200 mesh. The pulverized sample was sent to the AcmeLab laboratory in Vancouver for analytical package 3B. 30g was tested by fire assay fusion for gold, with finish by ICP-ES. The detection limit for gold is 2ppb.

A 0.5g subsample was leached in aqua regia at 95°C. Analysis was by ICP-MS for 36 elements (method 1DX).

## 11.0 DATA VERIFICATION

No standard or blank samples were inserted into the sample stream by the company, as it was not considered to be necessary for a small program of early stage work. AcmeLabs presents it's internal quality control results for each sample batch, including standards, blanks and pulp and reject duplicates. This data was reviewed for major discrepancies.

## 12.0 ENVIRONMENTAL STUDIES, PERMITTING AND SOCIAL OR COMMUNITY IMPACT

The claims of the Silver City group are at an early stage of exploration, and therefore there have been no environmental studies done to date. No Social or Community Impact studies have been undertaken directly related to the Silver City group of claims.

### 13.0 ADJACENT PROPERTIES

The property partially surrounds 9 SC & Allos claims held by a competitor. These claims have silver vein mineral occurrences, but no known significant deposits.

A few other competitor properties are located within 5km of the Silver City property, however they are at an early stage of exploration. Nearby minfile occurrences include:

116B 036 ROAL – Pb-Zn skarn with adit driven in 1927, to the northwest.

116B 038 FITCH – geochem anomaly coincident with an airomag low, to the east.

116B 044 WOODCHOPPER – asbestos showing across river to the southwest.

116B 073 RISCO – unknown occurrence across river to the south.

### 14.0 INTERPRETATION AND CONCLUSIONS

The Silver City project has reasonable potential to host high grade (over 20,000 g/t Ag) silver deposits, antimony deposits and orogenic, epithermal or intrusion-related gold deposits. The presence of numerous soil and rock geochemical anomalies in several locations on the property gives some encouragement, as does the complex geological setting.

The presence of thrust faults containing lenses of serpentized ultramafics is considered to be favourable for orogenic gold. Dykes appears to be spatially associated with silver-gold anomalous rocks and soils near the riverbank, and with antimony mineralization higher on the slope.

Although the property has a long history of exploration, almost all of the known work was focused on silver-lead veins near the adits, while no modern exploration had been conducted prior to 2012. Exploration has targeted high grade silver veins, while there may be reasonable untested potential for gold based on favourable structures, lithologies and anomalous samples collected in 2012 and 2013.

The easternmost soil samples were collected from an area of morrainal veneer and gravel terrace (as mapped by Duk-Rodkin, 1996), and therefore these samples are not likely to reflect bedrock. The samples from this area (2012 samples 1418751 – 1418768 and 2013 samples 1959914-1959940) are all at or below detection limit for silver, have generally low metal values, and have a best gold value of 18ppb. This area would be better sampled at about mid slope on the east facing slope above Fifteenmile river where thin colluvium is present above bedrock.

With the completion of two phases of work in 2013 the entire property has now been covered by ridge and spur soil sampling. Gold and silver anomalies over most of the property are generally weak and sporadic, with the exception of the southwest part of the property. Minfile occurrence 116B 075 appears to have very low potential. Potential for the property to host large deposits of precious metals seems to be limited, except for on the Steph 1- 6 claims in the southwest.

## 15.0 RECOMMENDATIONS

Open ground to the west and southwest of the Silver City claim group should be staked to cover showings on the riverbank discovered in 2012 and to cover favourable ground near minfile occurrence 116B 074. Ten to twenty additional claims should be adequate for this purpose.

Prospecting to follow up on anomalies in the southwest is recommended. Specifically, prospecting should be conducted around sample sites 1959942- 1959945 which returned gold and multi-element anomalies. Sample 1959942 returned **295.2 ppb Au**, which is the highlight sample of the 2013 exploration program.

Minfile occurrence Winage (116B 074) on the slope just west of the property has little documentation and may yield showings if prospected thoroughly. This occurrence which was the subject of drilling in 1975 & 1976.

Geological mapping at a scale of 1:10,000 is recommended to help focus exploration. Outcrop, subcrop and float is almost exclusively found on the steep south and west facing slopes, with almost no rock at all present at surface on the north slope. It might be possible to trace the favourable host quartz-carbonate altered ultramafic to the east and north on the property. The dykes and adjacent altered rocks should also be mapped and sampled. The location of the adits, access road, hydraulic pipe, competitor claim posts and any drill hole collars should be mapped with GPS to determine if any of these features lie on the project claims.

Soil geochemistry is an effective exploration tool for much of the property. The deep auger method with conventional -80 mesh soil analysis is recommended. A detailed grid should be laid out in the southwest corner of the claims, uphill from the mineralization exposed on the riverbank. The talus slide on the southern slope is not suitable for soil sampling, nor is the glaciated part of the upland area on the west side of the property.

The overall geochemical database should be evaluated for more subtle elemental patterns in addition to gold and silver distribution. This might assist in identifying polymetallic mineralization.

An airborne geophysical survey (magnetics +/- radiometrics or EM) would be beneficial for further exploration.

## 16.0 REFERENCES

- Bond, J.D. and Sanborn, P.T., 2006. Morphology and geochemistry of soils formed on colluviated weathered bedrock: Case studies from unglaciated upland slopes in west-central Yukon. YGS Open File 2006-19.
- Cockfield, W.E., 1927. Silver-Lead Deposits of Fifteenmile creek. Sum. Rept., 1927, pt A, pp 1-13.
- Colpron, M. (compiler), 2006. Tectonic assemblage map of Yukon-Tanana and related terranes in Yukon and northern British Columbia (1:1,000,000 scale). Yukon Geological Survey, Open File 2006-1.
- DIAND Technical Services, 1994. Assessment Report 116-B-05-1 Silver City. Environmental Assessment.
- Duk-Rodkin, A., 1996. Surficial Geology, Dawson, Yukon Territory. Geological Survey of Canada Open File 3288, scale 1:250,000.
- Goodfellow, W.D. & Lynch, J.J., 1978. National geochemical reconnaissance release NGR 31-1977, regional stream sediment and water geochemical reconnaissance data, central Yukon Territory. Geological Survey of Canada, Open File, 520.
- Green, L. H. & Roddick, J.A., 1962. GSC Paper 62-7 (& map 13-1962).
- Green, L. H., Geology of Nash Creek, Larsen Creek and Dawson map areas. GSC Memoir 364 (& map 1284A).
- Environmental Services, Public Works and Government Services Canada, 1997. Phase II Environmental Assessment of the Silver City Abandoned Mine Site.
- Liverton, T. and Mann, W., 2011. Quartz vein gold mineralization in the Klondike Schist: The Mitchell-Sheba system, central Klondike district, Yukon. In: Yukon Exploration and Geology, K.E. MacFarlane, L.H. Weston and C. Relf (eds.), Yukon Geological Survey, p. 149-160.
- Mann, W.D., 2013. 2012 Geochemical Assessment Report On The Silver City Project. Yukon Assessment Report.
- Mortensen, J.K., 1988. Geology, southwestern Dawson map Area, Yukon. Geological Survey of Canada, Open File, 1927.
- Ogilvy, A.C. & Presunka, S., 1971. Geophysical report on the Plata 1- 4 claims. Yukon Assessment Report #061134.
- Sevensma, P.H., 1967a. Report on the Silver City Group. In 1968 prospectus for Silver City ML. Yukon Assessment Report #061677.

Sevensma, P.H., 1967b. Geochemical report on the ABW Group for Consolidated Skeena Mines Ltd. Yukon Assessment Report #017945.

Stubens, T.C., & Patnode, B.R., 1986. Silver City Project, Geology & Prospecting Report. Yukon Assessment Report #091876.

Smith, C.A.S., Meikle, J.C. & Roots, C.F. (editors), 2004. Ecoregions of the Yukon Territory: Biophysical properties of Yukon landscapes.

Yukon MINFILE - Occurrences 116B 036, 037, 038, 044, 073, 074 & 075. Yukon Geological Survey, Energy, Mines and Resources, Yukon Government. Available on the internet at: <http://data.geology.gov.yk.ca/>

## APPENDIX I

### STATEMENT OF QUALIFICATIONS

**WILLIAM D. MANN, M.Sc., P.Geo.**

**19 HAYES CRESCENT, WHITEHORSE, YUKON Y1A 0E1**

1. I am a member in good standing of the Association of Professional Engineers and Geoscientists of BC, Licence #31907.
2. I am a Graduate of Queen's University, 1986, with a Master of Science Degree in Mineral Exploration Geology.
3. I am a Graduate of the University of British Columbia, 1983, with a Bachelor of Science Degree in Geology.
4. I have worked in mineral exploration and mining continuously since 1979.
5. I designed, supervised and participated in the work program on the SILVER CITY Project in 2013.
6. I am consulting geologist for Klondike Gold Corp., owner of the claims. I hold no interest in the SILVER CITY property. I hold shares and share purchase options of Klondike Gold Corp.

December 11, 2013

-----  
William D. Mann, M.Sc., P.Geo.

**APPENDIX II****STATEMENTS OF EXPENDITURE - SILVER CITY PROJECT 2013****Phase 1 - Applied for July 26, 2013 anniversary date**

Field Work July 11- 15, 2013 &amp; July 23, 2013

<b>DATE</b>	<b>SUPPLIER</b>	<b>ITEM</b>	<b>INVOICE #</b>	<b>TOTAL</b>
24 Jul, 2013	Sandro Frizzi	labour, supplies, transport	138-5650-SF	4,500.00
27 Jul, 2013	Max Mikhailytchev	labour, supplies, transport	2013/06	4,500.00
07 Aug, 2013	Acme Analytical Laboratories	154 Samples - soil & silt	VANI173222-040602	2,835.42
07 Aug, 2013	Acme Analytical Laboratories	2 Samples - rock miscellaneous	VANI17333-040602	44.56 120.02
<b>Phase 1 Total:</b>				<b>\$12,000.00</b>

**Phase 2 - Applied for July 26, 2014 anniversary date**

Field Work September 13- 16, 2013

24 Sep, 2013	Trans North Helicopters	access	1979	1,987.50
27 Sep, 2013	Acme Analytical Laboratories	74 Samples - soil	VANI178066-40602	1,487.03
08 Oct, 2013	Acme Analytical Laboratories	18 Samples - rock	VANI178975	503.94
07 Oct, 2013	William Mann	field work portion	13-148	5,712.50
08 Oct, 2013	William Mann	expenses reimbursed	1305E	611.42
03 Nov, 2013	Max Mikhailytchev	labour	2013/08	1,400.00
31 Dec, 2013	William Mann	report writing	(estimate)	1,500.00
<b>Phase 2 Total:</b>				<b>\$13,202.39</b>



www.acmelab.com

Acme Analytical Laboratories (Vancouver) Ltd.  
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA  
PHONE (604) 253-3158

Client: **Klondike Gold Corp.**  
711 - 675 W. Hastings St.  
Vancouver BC V6B 1N2 CANADA

Submitted By: Sandro Frizzi  
Receiving Lab: Canada-Whitehorse  
Received: July 22, 2013  
Report Date: August 02, 2013  
Page: 1 of 7

## CERTIFICATE OF ANALYSIS

WHI13000171.1

### CLIENT JOB INFORMATION

Project: Silver City  
Shipment ID: KGS-13-001  
P.O. Number  
Number of Samples: 157

### SAMPLE DISPOSAL

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

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

Invoice To: Klondike Gold Corp.  
711 - 675 W. Hastings St.  
Vancouver BC V6B 1N2  
CANADA

CC: Katie Dodd  
Bill Hann

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	157	Dry at 60C			WHI
SS80	157	Dry at 60C sieve 100g to -80 mesh			WHI
1DX2	157	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

### ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted. \*\*\* asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



www.acmelab.com

Acme Analytical Laboratories (Vancouver) Ltd.  
 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA  
 PHONE (604) 253-3158

Client: **Klondike Gold Corp.**  
 711 - 675 W. Hastings St.  
 Vancouver BC V6B 1N2 CANADA

Project: Silver City  
 Report Date: August 02, 2013

Page: 2 of 7

Part: 1 of 2

# CERTIFICATE OF ANALYSIS

WHI13000171.1

Method	Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15		
				Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
				ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm		
				0.1	0.1	0.1	1	0.1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	2	0.01	0.001	1
1959801	Soil			0.6	38.3	10.1	54	0.1	43.9	13.9	633	2.93	9.4	11.5	6.2	22	<0.1	0.8	0.3	45	0.41	0.065	27
1959802	Soil			0.8	43.7	13.3	50	0.2	37.0	15.1	1196	3.29	13.4	3.8	5.5	52	<0.1	0.9	0.3	46	0.78	0.065	26
1959803	Soil			0.9	35.7	13.3	61	0.1	38.4	13.9	779	3.13	10.2	2.0	8.7	27	0.1	0.9	0.2	44	0.37	0.062	33
1959804	Soil			0.7	33.5	11.7	56	0.1	32.4	11.5	570	2.77	10.4	3.8	4.6	70	<0.1	0.7	0.2	50	0.96	0.070	23
1959805	Soil			0.6	22.0	8.7	45	<0.1	22.2	8.2	240	2.26	9.4	1.5	3.5	20	<0.1	0.6	0.1	48	0.26	0.059	15
1959806	Soil			0.9	33.8	13.7	59	0.2	34.8	14.6	674	2.90	11.0	2.7	6.4	87	0.3	0.8	0.2	47	1.15	0.074	27
1959807	Soil			0.9	29.4	10.4	54	<0.1	29.4	10.2	445	2.57	10.1	3.5	4.5	39	<0.1	0.7	0.1	52	0.45	0.071	22
1959808	Soil			0.6	35.8	17.3	82	0.2	55.7	14.7	626	3.14	9.8	4.0	5.7	51	0.3	0.8	0.1	57	0.55	0.080	33
1959809	Soil			0.5	25.9	11.9	61	0.1	36.6	11.4	356	2.70	10.4	3.6	4.6	48	0.2	0.6	0.1	49	0.70	0.067	21
1959810	Soil			0.6	30.9	13.3	59	0.1	38.0	12.8	955	3.74	10.6	4.1	5.8	48	0.1	0.8	0.2	47	0.80	0.061	27
1959811	Soil			0.7	29.2	10.8	50	<0.1	38.4	13.1	904	3.48	9.4	2.4	5.0	49	0.3	1.0	0.1	50	1.36	0.070	26
1959812	Soil			0.5	32.3	14.4	60	0.2	44.2	13.4	447	3.01	10.6	7.2	4.9	50	0.2	0.9	0.1	57	0.71	0.080	21
1959813	Soil			0.9	27.3	27.6	73	0.2	37.7	15.9	828	3.53	14.5	4.1	6.4	47	0.1	1.4	0.1	44	1.63	0.072	21
1959814	Soil			0.8	27.1	11.6	63	0.1	39.1	16.3	616	3.24	8.9	4.5	6.5	47	0.2	0.9	0.2	47	0.76	0.066	29
1959815	Soil			0.8	29.7	8.6	52	<0.1	59.6	12.9	365	2.97	8.3	0.9	4.8	40	<0.1	0.4	0.1	60	0.53	0.085	28
1959816	Soil			0.8	32.8	11.5	61	0.1	40.4	15.4	658	2.96	8.9	4.8	5.9	32	0.2	0.7	0.1	48	0.46	0.067	29
1959817	Soil			0.7	31.3	9.9	55	<0.1	38.3	11.6	453	2.71	7.7	4.0	4.7	33	0.1	0.7	<0.1	53	0.56	0.075	26
1959818	Soil			0.9	35.4	14.8	74	0.1	49.0	14.6	525	3.26	9.2	3.5	5.1	36	0.3	1.0	0.1	65	0.58	0.073	23
1959819	Soil			0.6	43.9	13.9	66	<0.1	65.0	16.5	519	3.58	10.0	5.7	4.4	52	0.2	1.2	0.1	69	1.00	0.094	23
1959820	Soil			0.5	39.1	11.5	66	0.1	59.0	15.8	618	3.41	12.9	2.6	4.7	39	0.1	1.3	<0.1	63	0.73	0.070	21
1959821	Soil			0.9	29.3	10.2	57	0.2	34.3	14.2	858	3.07	8.6	10.1	4.4	51	0.2	1.0	<0.1	49	0.83	0.067	22
1959822	Soil			0.7	26.8	12.1	51	0.2	41.6	14.2	670	3.10	10.3	1.9	2.9	48	0.1	0.7	<0.1	52	1.01	0.073	20
1959823	Soil			1.1	45.3	10.4	78	0.1	113.6	23.7	565	4.25	12.3	1.0	4.5	32	0.2	1.0	<0.1	84	0.65	0.111	29
1959824	Soil			2.3	46.0	12.3	69	0.3	47.3	14.9	558	3.53	11.5	4.0	5.6	27	0.3	1.1	0.1	63	0.50	0.076	22
1959825	Soil			1.7	50.2	9.1	84	0.1	87.5	17.8	559	3.43	12.6	5.4	4.6	25	0.3	1.0	<0.1	69	0.41	0.078	19
1959826	Soil			1.9	44.8	9.8	135	0.2	67.1	14.7	449	2.96	10.9	7.0	4.3	27	1.1	1.1	<0.1	60	0.41	0.067	18
1959827	Soil			1.4	37.3	6.3	126	0.3	94.9	29.1	1245	5.18	11.8	4.5	4.3	32	1.3	0.9	<0.1	48	0.72	0.225	32
1959828	Soil			1.5	53.9	7.4	168	0.3	87.8	19.8	634	3.78	7.8	6.8	2.9	26	1.0	0.8	<0.1	61	0.43	0.111	22
1959829	Soil			4.5	95.7	8.0	502	0.4	170.7	34.9	1192	6.45	14.7	3.3	3.5	24	4.2	2.6	<0.1	78	0.59	0.195	25
1959830	Soil			1.9	53.4	8.6	185	0.2	72.3	16.1	457	3.29	10.8	<0.5	4.0	25	0.7	1.3	<0.1	75	0.39	0.074	20

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



www.acmelab.com

Acme Analytical Laboratories (Vancouver) Ltd.  
 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA  
 PHONE (604) 253-3158

Client: **Klondike Gold Corp.**  
 711 - 675 W. Hastings St.  
 Vancouver BC V6B 1N2 CANADA

Project: Silver City  
 Report Date: August 02, 2013

Page: 2 of 7

Part: 2 of 2

# CERTIFICATE OF ANALYSIS

WHI13000171.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.2
1959801	Soil	49	0.66	224	0.042	<1	1.35	0.011	0.05	0.2	0.02	5.3	<0.1	<0.05	4	<0.5	<0.2
1959802	Soil	32	0.43	302	0.039	<1	1.28	0.020	0.04	0.2	0.03	5.1	<0.1	<0.05	4	<0.5	<0.2
1959803	Soil	38	0.42	228	0.046	2	1.38	0.010	0.06	0.1	0.02	5.7	<0.1	<0.05	4	<0.5	<0.2
1959804	Soil	33	0.44	271	0.044	<1	1.32	0.014	0.04	0.2	0.04	5.5	<0.1	<0.05	4	<0.5	<0.2
1959805	Soil	27	0.42	161	0.044	<1	1.36	0.009	0.03	0.1	0.01	3.6	<0.1	<0.05	4	<0.5	<0.2
1959806	Soil	31	0.44	249	0.044	<1	1.34	0.014	0.05	0.2	0.03	4.7	<0.1	<0.05	3	<0.5	<0.2
1959807	Soil	37	0.47	254	0.048	<1	1.38	0.013	0.04	0.2	0.04	5.0	<0.1	<0.05	4	<0.5	<0.2
1959808	Soil	62	0.78	206	0.045	<1	1.65	0.013	0.04	0.2	0.03	6.8	<0.1	<0.05	5	<0.5	<0.2
1959809	Soil	40	0.48	213	0.048	<1	1.45	0.013	0.04	0.2	0.04	5.1	<0.1	<0.05	5	<0.5	<0.2
1959810	Soil	37	0.48	270	0.050	2	1.43	0.013	0.04	0.2	0.06	5.8	<0.1	<0.05	4	<0.5	<0.2
1959811	Soil	37	0.76	266	0.046	<1	1.47	0.013	0.04	0.1	0.03	5.3	<0.1	<0.05	4	<0.5	<0.2
1959812	Soil	51	0.55	260	0.055	1	1.60	0.014	0.04	0.1	0.02	5.6	<0.1	<0.05	5	<0.5	<0.2
1959813	Soil	33	0.61	196	0.054	<1	1.32	0.013	0.05	0.2	0.02	4.4	<0.1	<0.05	4	<0.5	<0.2
1959814	Soil	39	0.45	249	0.049	<1	1.39	0.013	0.07	0.2	0.03	4.2	<0.1	<0.05	4	<0.5	<0.2
1959815	Soil	94	0.83	255	0.039	<1	1.76	0.010	0.04	0.1	0.04	6.2	<0.1	<0.05	6	<0.5	<0.2
1959816	Soil	45	0.51	270	0.047	<1	1.51	0.011	0.06	0.2	0.03	5.2	<0.1	<0.05	4	<0.5	<0.2
1959817	Soil	55	0.64	286	0.053	<1	1.69	0.013	0.05	0.2	0.02	5.3	<0.1	<0.05	5	<0.5	<0.2
1959818	Soil	63	0.58	326	0.074	<1	1.70	0.016	0.05	0.2	0.03	6.5	<0.1	<0.05	5	<0.5	<0.2
1959819	Soil	103	0.86	268	0.062	<1	1.75	0.018	0.05	0.2	0.03	5.7	<0.1	<0.05	5	<0.5	<0.2
1959820	Soil	65	0.56	270	0.061	<1	1.59	0.016	0.05	0.2	0.03	6.8	<0.1	<0.05	5	<0.5	<0.2
1959821	Soil	34	0.38	291	0.043	2	1.34	0.014	0.06	0.2	0.03	4.9	<0.1	<0.05	3	<0.5	<0.2
1959822	Soil	44	0.41	297	0.031	2	1.44	0.012	0.04	0.2	0.05	5.3	<0.1	<0.05	4	0.5	<0.2
1959823	Soil	130	0.88	408	0.043	<1	1.66	0.011	0.05	0.1	0.06	9.9	<0.1	<0.05	5	<0.5	<0.2
1959824	Soil	47	0.51	292	0.050	<1	1.47	0.016	0.07	0.2	0.05	6.4	<0.1	<0.05	4	<0.5	<0.2
1959825	Soil	82	0.66	300	0.046	3	1.51	0.011	0.05	0.1	0.03	7.1	<0.1	<0.05	4	<0.5	0.2
1959826	Soil	47	0.48	331	0.064	<1	1.59	0.012	0.06	0.1	0.05	5.7	<0.1	<0.05	4	<0.5	<0.2
1959827	Soil	56	0.63	381	0.027	<1	1.61	0.008	0.08	<0.1	0.06	5.4	0.4	<0.05	5	<0.5	<0.2
1959828	Soil	70	0.74	321	0.043	<1	1.46	0.009	0.05	0.1	0.05	5.1	<0.1	<0.05	4	<0.5	<0.2
1959829	Soil	52	0.43	315	0.024	<1	1.32	0.006	0.08	<0.1	0.09	7.7	<0.1	<0.05	4	<0.5	<0.2
1959830	Soil	51	0.59	416	0.055	<1	1.84	0.011	0.05	0.2	0.06	7.4	0.1	<0.05	5	<0.5	<0.2

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



www.acmelab.com

Acme Analytical Laboratories (Vancouver) Ltd.  
 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA  
 PHONE (604) 253-3158

Client: **Klondike Gold Corp.**  
 711 - 675 W. Hastings St.  
 Vancouver BC V6B 1N2 CANADA

Project: Silver City  
 Report Date: August 02, 2013

Page: 3 of 7

Part: 1 of 2

# CERTIFICATE OF ANALYSIS

WHI13000171.1

Method	Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15		
				Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
				ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%	%	ppm			
				0.1	0.1	0.1	1	0.1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	2	0.01	0.001	1
1959831	Soil			0.9	19.2	7.3	62	0.2	27.9	10.4	548	2.08	5.2	5.0	3.0	37	0.2	0.6	<0.1	40	0.65	0.070	17
1959832	Soil			1.1	18.5	7.3	60	0.2	22.7	8.4	327	1.77	4.9	5.6	2.7	25	0.6	0.6	<0.1	38	0.43	0.061	14
1959833	Soil			1.0	13.1	10.4	39	<0.1	12.2	4.8	131	1.94	5.8	5.6	2.1	13	<0.1	0.6	0.1	39	0.18	0.038	14
1959834	Soil			0.8	19.9	10.5	45	<0.1	16.8	6.9	201	1.88	7.7	1.3	4.2	20	<0.1	0.8	0.1	41	0.27	0.053	17
1959835	Soil			2.9	28.7	8.7	66	0.2	26.5	8.0	241	2.25	8.0	8.3	3.8	27	0.3	1.1	<0.1	46	0.35	0.056	17
1959836	Soil			6.3	38.9	12.0	90	0.2	29.4	8.4	204	2.62	10.0	7.2	2.6	25	0.8	1.5	0.2	53	0.29	0.051	17
1959837	Soil			9.0	45.1	9.1	68	0.3	31.5	6.3	196	2.37	9.7	4.5	3.5	23	0.5	1.5	0.2	42	0.30	0.051	14
1959838	Soil			65.8	85.4	25.2	240	1.6	69.2	8.2	153	5.29	39.9	12.2	5.0	58	0.9	7.2	0.3	47	0.19	0.076	10
1959839	Soil			21.4	59.0	18.3	101	0.4	102.9	8.7	421	3.73	18.5	6.7	5.2	49	0.9	3.0	0.3	52	0.17	0.047	15
1959840	Soil			16.4	83.8	16.0	148	0.6	158.1	51.8	1444	5.84	27.0	4.1	4.5	25	1.7	2.4	0.2	51	0.34	0.112	26
1959841	Soil			1.4	18.8	7.2	51	<0.1	27.2	9.4	289	3.01	9.4	1.9	2.9	13	<0.1	0.6	0.1	68	0.22	0.031	11
1959842	Soil			0.8	32.5	7.2	54	<0.1	34.9	10.7	414	2.60	9.5	5.9	3.0	21	0.1	0.8	0.1	60	0.37	0.053	15
1959843	Soil			2.1	24.4	7.1	57	<0.1	31.0	10.2	269	2.44	8.9	2.1	2.8	17	0.1	0.7	0.1	52	0.30	0.054	17
1959844	Soil			0.8	32.5	6.3	59	<0.1	49.6	17.7	896	2.87	6.6	2.4	2.8	21	0.2	0.5	<0.1	69	0.38	0.042	16
1959845	Soil			1.8	31.0	7.4	67	0.1	44.0	12.7	563	2.86	9.6	8.3	3.5	20	0.3	0.7	0.1	65	0.35	0.053	15
1959846	Soil			7.3	54.5	9.7	88	0.2	57.1	14.7	772	2.87	17.2	2.6	4.9	16	0.7	1.2	0.2	45	0.19	0.051	12
1959847	Soil			3.8	79.1	16.6	186	0.5	93.4	21.6	1153	3.56	15.3	4.3	5.8	17	2.2	1.3	0.2	49	0.34	0.104	29
1959848	Soil			17.2	63.1	21.3	117	0.5	66.7	12.9	327	3.81	22.7	7.6	6.4	33	0.7	2.8	0.3	48	0.17	0.065	18
1959849	Soil			0.8	85.8	6.9	39	0.2	69.3	25.4	762	4.46	31.2	4.6	2.3	125	0.1	0.6	<0.1	51	7.32	0.135	20
1959850	Soil			0.8	86.5	5.4	33	0.3	54.6	20.9	567	3.59	26.1	5.9	1.4	154	0.1	0.5	<0.1	36	11.53	0.152	14
1959851	Soil			0.8	21.4	8.4	40	0.1	36.1	10.9	323	2.57	13.3	1.7	4.5	16	<0.1	0.6	0.2	47	0.29	0.032	16
1959852	Soil			0.8	21.6	8.7	40	0.1	35.9	11.0	327	2.64	13.4	2.0	4.3	16	<0.1	0.6	0.1	50	0.29	0.034	16
1959853	Soil			0.8	17.9	10.4	36	0.1	31.4	11.6	347	2.54	12.5	2.4	4.0	15	<0.1	0.5	0.4	53	0.29	0.031	15
1959854	Soil			0.7	45.5	26.0	53	0.5	40.0	19.2	444	3.57	13.0	1.6	3.0	16	<0.1	0.8	0.4	89	0.41	0.021	12
1959855	Soil			0.8	41.0	31.9	53	0.3	46.6	16.4	409	3.08	14.5	0.8	3.2	14	<0.1	0.9	1.8	89	0.35	0.030	14
1959856	Soil			0.7	25.1	9.4	41	<0.1	32.4	12.7	307	2.63	15.7	1.0	2.6	14	<0.1	0.8	0.3	68	0.29	0.016	12
1959857	Soil			0.9	36.0	11.3	36	<0.1	38.3	14.5	360	3.49	22.9	3.5	2.9	15	<0.1	0.8	2.6	85	0.27	0.029	13
1959858	Soil			0.7	27.8	14.2	35	<0.1	72.7	13.7	273	2.83	18.6	2.7	3.0	17	<0.1	0.7	1.6	70	0.28	0.035	14
1959859	Soil			1.0	33.9	12.4	44	<0.1	63.7	15.6	402	3.19	17.9	9.3	3.5	17	<0.1	0.8	0.7	68	0.28	0.032	15
1959860	Soil			0.6	20.3	7.3	31	<0.1	62.9	12.6	251	2.35	11.1	1.7	2.4	16	<0.1	0.5	0.4	56	0.28	0.035	10

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



www.acmelab.com

Acme Analytical Laboratories (Vancouver) Ltd.  
 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA  
 PHONE (604) 253-3158

Client: **Klondike Gold Corp.**  
 711 - 675 W. Hastings St.  
 Vancouver BC V6B 1N2 CANADA

Project: Silver City  
 Report Date: August 02, 2013

Page: 3 of 7

Part: 2 of 2

# CERTIFICATE OF ANALYSIS

WHI13000171.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
1959831	Soil	34	0.59	208	0.048	<1	1.17	0.011	0.04	0.2	0.05	2.8	<0.1	<0.05	3	<0.5	<0.2
1959832	Soil	28	0.47	216	0.049	<1	1.06	0.011	0.04	0.3	0.03	2.5	<0.1	<0.05	4	0.8	<0.2
1959833	Soil	21	0.28	146	0.030	<1	1.24	0.008	0.05	0.1	0.01	1.7	<0.1	<0.05	4	<0.5	<0.2
1959834	Soil	24	0.33	301	0.043	<1	1.20	0.010	0.05	0.3	0.04	3.3	<0.1	<0.05	3	<0.5	<0.2
1959835	Soil	34	0.47	296	0.054	<1	1.34	0.011	0.04	0.2	0.15	4.1	0.1	<0.05	4	<0.5	<0.2
1959836	Soil	36	0.47	283	0.041	<1	1.58	0.011	0.04	0.2	0.14	3.1	0.2	<0.05	4	1.1	<0.2
1959837	Soil	32	0.48	269	0.034	2	1.23	0.011	0.04	0.1	0.20	3.3	0.2	<0.05	4	1.5	<0.2
1959838	Soil	41	0.37	234	0.010	2	0.87	0.047	0.09	<0.1	0.86	3.1	0.7	0.36	4	9.9	0.3
1959839	Soil	55	0.87	315	0.023	2	1.49	0.014	0.06	0.1	0.47	4.1	0.3	0.09	4	2.3	<0.2
1959840	Soil	63	1.40	230	0.014	1	1.84	0.006	0.04	<0.1	0.19	4.2	0.2	<0.05	5	3.0	<0.2
1959841	Soil	45	0.52	204	0.050	2	1.96	0.006	0.03	0.2	0.03	3.3	0.1	<0.05	6	<0.5	<0.2
1959842	Soil	43	0.54	306	0.064	1	1.61	0.009	0.04	0.2	0.06	5.0	<0.1	<0.05	4	<0.5	<0.2
1959843	Soil	34	0.53	241	0.037	2	1.38	0.009	0.04	0.2	0.06	4.2	<0.1	<0.05	4	<0.5	<0.2
1959844	Soil	58	0.75	308	0.065	2	1.83	0.008	0.05	0.1	0.06	5.9	<0.1	<0.05	5	<0.5	<0.2
1959845	Soil	48	0.80	331	0.068	1	1.64	0.010	0.05	0.1	0.06	6.1	<0.1	<0.05	5	<0.5	<0.2
1959846	Soil	32	0.65	233	0.031	<1	1.28	0.006	0.05	0.1	0.14	4.2	0.1	<0.05	3	1.1	<0.2
1959847	Soil	39	1.06	271	0.007	2	1.61	0.004	0.05	<0.1	0.33	3.2	0.2	<0.05	4	0.6	<0.2
1959848	Soil	43	0.89	222	0.023	1	1.46	0.013	0.05	0.1	0.35	3.3	0.2	0.07	4	2.8	<0.2
1959849	Soil	76	1.29	501	0.016	2	1.48	0.007	0.09	<0.1	0.04	6.5	<0.1	<0.05	4	0.5	<0.2
1959850	Soil	58	1.05	597	0.013	2	1.11	0.006	0.08	<0.1	0.05	4.9	<0.1	0.05	4	0.8	<0.2
1959851	Soil	50	0.64	158	0.037	2	1.25	0.008	0.07	0.2	0.02	4.1	<0.1	<0.05	4	<0.5	<0.2
1959852	Soil	51	0.59	159	0.035	2	1.22	0.008	0.08	0.2	0.02	4.0	<0.1	<0.05	4	<0.5	<0.2
1959853	Soil	44	0.60	209	0.030	2	1.43	0.008	0.08	0.1	0.02	3.3	<0.1	<0.05	4	<0.5	<0.2
1959854	Soil	53	1.27	298	0.073	2	2.17	0.008	0.07	<0.1	0.02	7.6	<0.1	<0.05	6	0.7	<0.2
1959855	Soil	96	1.08	289	0.058	1	2.16	0.007	0.11	<0.1	0.02	7.1	<0.1	<0.05	6	<0.5	0.2
1959856	Soil	59	0.84	274	0.040	1	1.68	0.009	0.05	0.1	0.02	4.9	<0.1	<0.05	4	<0.5	<0.2
1959857	Soil	54	0.97	294	0.055	<1	1.74	0.012	0.05	0.1	0.02	6.2	<0.1	<0.05	5	<0.5	0.2
1959858	Soil	75	0.89	346	0.030	1	1.59	0.016	0.07	0.1	0.01	5.4	<0.1	<0.05	5	<0.5	0.2
1959859	Soil	68	0.79	418	0.032	1	1.64	0.016	0.07	0.1	0.02	5.5	<0.1	<0.05	5	<0.5	<0.2
1959860	Soil	58	0.58	288	0.034	1	1.26	0.012	0.04	0.2	0.01	3.3	<0.1	<0.05	4	<0.5	<0.2

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

# CERTIFICATE OF ANALYSIS

WHI13000171.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	2	0.01	0.001	1	
1959861	Soil	0.8	35.6	13.2	39	<0.1	44.8	14.7	264	3.03	14.5	2.9	3.2	16	<0.1	0.7	0.6	74	0.23	0.029	14
1959862	Soil	0.8	29.0	9.4	44	0.1	103.5	17.0	395	2.56	15.4	2.4	3.4	22	0.1	1.0	0.2	56	0.38	0.039	15
1959863	Soil	1.0	27.8	10.6	43	0.1	79.7	13.8	324	2.63	16.9	2.6	4.5	21	0.1	1.3	0.2	56	0.41	0.032	19
1959864	Soil	1.5	28.1	19.9	65	0.2	34.2	9.5	328	2.83	19.7	2.0	4.7	35	0.3	2.3	0.3	55	0.62	0.089	22
1959865	Soil	6.8	33.8	19.3	105	<0.1	48.8	22.9	897	3.44	32.2	1.7	7.5	20	0.8	4.4	0.3	54	0.22	0.050	19
1959866	Soil	2.1	27.5	12.6	62	0.1	25.8	8.1	237	2.94	31.4	2.4	6.2	22	0.2	1.4	0.3	48	0.31	0.035	19
1959867	Soil	4.3	62.5	23.6	180	0.4	59.9	16.2	557	4.24	53.1	5.9	8.6	25	1.0	4.3	0.4	44	0.41	0.070	31
1959868	Soil	0.7	28.6	11.8	37	<0.1	18.0	11.0	350	2.49	10.2	1.4	3.7	16	<0.1	0.9	0.2	58	0.35	0.015	15
1959869	Soil	0.6	24.5	11.5	24	<0.1	14.0	8.3	276	1.84	10.0	10.5	5.0	13	<0.1	1.1	0.4	42	0.26	0.014	18
1959870	Soil	0.7	42.6	11.8	41	<0.1	26.5	15.4	528	2.99	9.5	4.8	4.2	16	<0.1	0.8	0.2	66	0.46	0.021	15
1959871	Soil	1.0	34.7	9.0	41	<0.1	22.4	10.1	348	2.42	9.2	3.6	3.8	19	<0.1	0.7	0.1	67	0.46	0.022	14
1959872	Soil	0.7	44.1	9.3	44	<0.1	22.7	11.8	352	2.54	9.4	4.1	3.5	17	<0.1	0.8	0.2	69	0.48	0.026	14
1959873	Soil	0.5	65.4	15.6	43	<0.1	23.2	11.7	317	2.60	10.3	0.6	3.0	25	0.2	1.0	0.5	51	0.76	0.040	15
1959874	Soil	0.7	49.8	25.1	46	<0.1	20.3	10.7	359	2.31	9.3	5.2	3.8	26	<0.1	1.1	0.3	46	0.54	0.038	16
1959875	Soil	0.3	26.5	12.3	49	<0.1	18.5	8.1	249	2.18	8.6	7.8	4.3	17	0.2	1.0	0.2	47	0.29	0.031	16
1959876	Soil	0.6	32.1	23.5	47	0.1	19.4	8.1	261	2.18	9.5	6.3	4.7	21	0.2	1.1	0.2	45	0.44	0.033	18
1959877	Soil	1.1	55.7	31.1	53	0.3	22.2	13.6	497	2.76	12.5	6.7	5.0	24	0.2	1.1	0.3	48	0.54	0.038	20
1959878	Soil	0.8	42.9	29.2	48	<0.1	18.9	11.3	419	2.41	9.7	3.6	5.1	21	0.3	1.3	0.2	51	0.46	0.032	19
1959879	Soil	1.1	39.2	49.1	53	0.4	23.5	9.5	303	2.46	9.6	2.4	4.9	23	0.2	1.0	0.2	51	0.42	0.038	18
1959880	Soil	1.0	31.1	21.3	57	0.1	24.6	7.9	253	2.09	8.1	3.5	3.7	33	0.2	0.9	0.2	43	0.58	0.041	16
1959881	Soil	2.2	42.0	16.6	72	0.2	27.9	10.1	370	2.33	11.1	25.1	4.2	33	0.2	1.6	0.1	47	0.63	0.048	17
1959882	Soil	4.2	43.7	16.0	101	0.3	43.5	12.8	523	2.50	18.5	5.8	4.2	40	0.7	3.2	0.2	45	0.77	0.073	18
1959883	Soil	3.1	41.9	13.7	75	0.3	35.4	9.9	352	2.37	17.1	5.4	3.6	41	0.2	2.5	0.1	46	0.80	0.064	17
1959884	Soil	1.6	43.9	14.4	80	0.2	41.4	13.6	402	2.22	15.8	3.3	3.3	44	0.4	1.8	0.1	40	1.00	0.067	20
1959901	Silt	0.7	30.3	10.7	45	<0.1	25.7	12.6	330	2.64	8.4	3.1	4.0	24	<0.1	0.6	0.2	62	0.32	0.043	16
1959902	Silt	0.8	33.5	15.9	41	<0.1	23.0	10.1	280	2.27	6.9	1.7	3.2	22	<0.1	0.5	0.2	57	0.28	0.026	16
1959903	Silt	0.9	32.2	11.3	49	<0.1	21.2	10.4	315	2.51	7.5	1.1	3.8	21	<0.1	0.6	0.1	64	0.33	0.033	18
1959904	Silt	0.6	23.9	9.3	44	<0.1	18.4	9.3	230	2.31	6.4	15.4	4.5	19	<0.1	0.6	0.1	58	0.25	0.019	18
1959905	Silt	0.8	19.8	9.6	44	<0.1	18.7	7.8	229	2.21	6.5	<0.5	3.6	18	0.1	0.5	0.1	56	0.30	0.039	16
1959906	Silt	0.8	17.6	9.2	52	<0.1	17.5	7.1	197	2.13	5.6	2.9	4.2	19	<0.1	0.4	<0.1	51	0.30	0.046	18

# CERTIFICATE OF ANALYSIS

WHI13000171.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
1959861	Soil	57	0.65	294	0.044	<1	1.73	0.012	0.04	0.1	0.02	4.7	<0.1	<0.05	5	<0.5	0.2
1959862	Soil	86	0.94	344	0.027	2	1.39	0.014	0.05	0.2	0.04	5.8	<0.1	<0.05	4	0.7	<0.2
1959863	Soil	78	0.66	388	0.021	1	1.48	0.014	0.05	0.2	0.03	6.1	<0.1	<0.05	4	<0.5	<0.2
1959864	Soil	39	0.58	212	0.019	1	1.46	0.019	0.06	0.2	0.04	4.4	<0.1	0.06	5	1.0	<0.2
1959865	Soil	36	0.55	189	0.015	1	1.58	0.010	0.06	<0.1	0.01	3.3	<0.1	<0.05	5	0.7	<0.2
1959866	Soil	33	0.62	201	0.019	1	1.55	0.014	0.06	<0.1	0.02	3.5	<0.1	<0.05	5	0.7	<0.2
1959867	Soil	34	0.69	217	0.004	1	1.66	0.011	0.08	<0.1	0.02	4.9	<0.1	0.05	5	2.1	0.2
1959868	Soil	29	0.55	346	0.029	<1	1.50	0.010	0.06	0.1	0.02	5.4	<0.1	<0.05	4	<0.5	<0.2
1959869	Soil	21	0.35	309	0.017	<1	0.94	0.010	0.08	0.1	0.02	4.1	<0.1	<0.05	2	<0.5	<0.2
1959870	Soil	40	0.84	308	0.027	1	1.73	0.011	0.06	0.1	0.03	7.3	<0.1	<0.05	4	<0.5	<0.2
1959871	Soil	37	0.55	284	0.054	<1	1.76	0.013	0.05	0.1	0.03	5.8	<0.1	<0.05	5	0.6	<0.2
1959872	Soil	37	0.75	236	0.045	<1	1.55	0.012	0.05	0.1	0.04	6.6	<0.1	<0.05	4	<0.5	<0.2
1959873	Soil	38	0.76	300	0.021	<1	1.43	0.012	0.04	0.1	0.01	6.2	<0.1	<0.05	4	0.8	<0.2
1959874	Soil	28	0.49	271	0.035	<1	1.22	0.015	0.04	0.2	0.03	5.2	<0.1	<0.05	3	<0.5	<0.2
1959875	Soil	33	0.54	272	0.035	<1	1.16	0.011	0.04	0.2	0.02	4.3	<0.1	<0.05	3	<0.5	<0.2
1959876	Soil	29	0.47	289	0.034	1	1.17	0.016	0.05	0.2	0.04	5.7	<0.1	<0.05	4	<0.5	<0.2
1959877	Soil	34	0.61	284	0.031	1	1.34	0.012	0.04	<0.1	0.02	5.8	<0.1	<0.05	4	<0.5	<0.2
1959878	Soil	36	0.53	255	0.036	<1	1.31	0.011	0.04	0.1	0.03	6.1	<0.1	<0.05	4	<0.5	<0.2
1959879	Soil	38	0.53	301	0.049	<1	1.34	0.012	0.05	0.2	0.05	5.1	<0.1	<0.05	4	<0.5	<0.2
1959880	Soil	33	0.50	376	0.035	<1	1.24	0.013	0.05	0.1	0.04	4.3	<0.1	<0.05	3	<0.5	<0.2
1959881	Soil	35	0.56	476	0.036	<1	1.35	0.013	0.05	0.2	0.05	4.2	<0.1	<0.05	4	<0.5	<0.2
1959882	Soil	35	0.55	359	0.043	2	1.35	0.014	0.05	0.1	0.04	3.8	<0.1	<0.05	3	<0.5	<0.2
1959883	Soil	31	0.54	374	0.038	<1	1.36	0.015	0.05	0.2	0.02	4.3	0.1	<0.05	4	0.8	<0.2
1959884	Soil	31	0.52	368	0.037	<1	1.24	0.013	0.05	0.1	0.03	4.4	<0.1	<0.05	3	<0.5	<0.2
1959901	Silt	56	0.78	304	0.056	<1	1.87	0.013	0.05	0.1	0.02	4.9	<0.1	<0.05	5	<0.5	<0.2
1959902	Silt	61	0.64	292	0.046	1	1.54	0.011	0.06	0.1	0.03	5.0	<0.1	<0.05	4	<0.5	<0.2
1959903	Silt	42	0.55	340	0.052	<1	1.55	0.013	0.06	0.2	0.04	6.0	<0.1	<0.05	4	<0.5	<0.2
1959904	Silt	41	0.53	281	0.058	<1	1.65	0.011	0.04	0.1	<0.01	4.7	<0.1	<0.05	4	<0.5	<0.2
1959905	Silt	37	0.47	266	0.050	<1	1.61	0.010	0.06	0.2	0.02	3.5	<0.1	<0.05	5	<0.5	<0.2
1959906	Silt	35	0.46	271	0.046	<1	1.40	0.011	0.05	0.2	0.02	3.8	<0.1	<0.05	4	<0.5	<0.2

# CERTIFICATE OF ANALYSIS

WHI13000171.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	2	0.01	0.001	1	
1959907	Silt	0.6	18.3	8.4	41	<0.1	17.1	7.1	179	1.98	4.9	12.7	4.0	20	<0.1	0.5	0.1	48	0.30	0.044	17
1959908	Silt	0.5	19.9	8.1	47	<0.1	19.0	7.9	217	2.25	7.2	1.9	4.0	19	0.2	0.6	<0.1	53	0.29	0.050	16
1959909	Silt	0.5	20.6	8.7	45	<0.1	19.3	8.0	253	2.13	5.1	<0.5	4.1	21	0.2	0.5	0.1	52	0.37	0.041	16
1959910	Silt	0.6	26.8	7.8	55	<0.1	18.9	10.2	249	2.32	4.9	0.8	4.3	24	<0.1	0.6	0.1	58	0.46	0.055	16
1959911	Silt	0.3	24.4	8.4	51	<0.1	20.4	10.8	360	2.09	4.7	1.3	2.5	35	<0.1	0.5	0.1	49	0.78	0.057	17
1959912	Silt	0.8	22.9	9.6	53	<0.1	21.1	11.7	554	2.29	6.4	1.5	3.4	33	0.2	0.5	0.1	53	0.76	0.057	15
1959913	Silt	0.2	16.1	7.5	56	<0.1	22.2	7.8	324	1.75	4.2	5.9	2.8	31	<0.1	0.3	<0.1	41	0.71	0.064	14
1959914	Silt	0.8	42.1	13.4	64	<0.1	51.9	20.7	267	3.97	12.4	5.9	12.5	46	<0.1	0.6	0.3	16	1.69	0.078	47
1959915	Silt	0.4	46.9	7.4	43	0.1	69.2	26.3	324	3.87	16.6	<0.5	17.7	123	<0.1	0.5	0.3	13	2.42	0.079	56
1959916	Silt	0.3	28.1	7.5	22	<0.1	49.0	20.7	501	2.78	12.5	2.1	7.2	87	<0.1	0.4	0.3	10	2.23	0.057	48
1959917	Silt	0.7	29.9	7.8	29	<0.1	36.6	12.7	316	2.66	8.4	2.9	3.6	92	<0.1	0.5	0.2	14	2.51	0.071	34
1959918	Silt	0.5	35.1	12.1	66	0.1	52.2	18.1	480	3.39	16.4	4.4	5.9	34	0.2	1.0	0.1	38	1.24	0.110	24
1959919	Silt	0.4	42.7	13.5	80	0.1	58.6	19.1	569	3.79	8.0	2.4	6.3	33	0.2	0.6	0.2	54	1.12	0.110	29
1959920	Silt	1.3	44.4	12.6	77	<0.1	72.1	25.1	819	5.11	16.4	1.9	9.5	33	<0.1	1.0	0.1	51	1.84	0.143	44
1959921	Silt	0.7	36.8	14.9	78	<0.1	57.2	16.8	601	2.99	6.4	<0.5	5.2	29	0.2	0.5	0.2	46	0.66	0.074	21
1959922	Silt	0.5	52.9	20.9	100	0.1	76.1	21.3	856	4.00	8.6	<0.5	8.5	36	0.5	0.6	0.4	52	0.89	0.097	29
1959923	Silt	0.3	49.5	12.8	74	<0.1	55.6	15.1	345	3.25	6.5	2.7	4.2	23	0.4	0.6	0.1	59	0.43	0.093	17
1959924	Silt	0.6	45.8	13.0	66	<0.1	46.8	13.9	321	3.03	7.0	1.5	4.6	24	<0.1	0.7	0.1	58	0.48	0.083	18
1959925	Silt	0.7	25.6	9.2	50	<0.1	30.3	11.1	385	2.32	8.6	3.6	3.7	19	0.1	0.5	0.1	49	1.03	0.057	15
1959926	Silt	0.7	12.6	9.7	52	<0.1	24.5	11.3	374	2.56	6.5	3.9	2.6	14	0.1	0.4	0.1	66	0.38	0.025	12
1959927	Silt	0.7	20.6	10.3	51	0.1	30.2	10.2	392	2.44	7.8	5.0	2.7	25	0.2	0.4	0.1	57	1.03	0.062	17
1959928	Silt	0.9	29.0	14.2	70	<0.1	46.8	15.9	433	3.13	8.4	3.5	4.2	23	0.2	0.5	0.1	67	1.39	0.099	19
1959929	Silt	0.7	25.6	8.8	51	<0.1	26.7	9.8	480	2.27	8.8	8.4	3.7	27	0.2	0.6	0.1	48	2.73	0.065	14
1959930	Silt	1.3	42.1	11.1	61	<0.1	50.3	12.6	294	3.68	9.9	6.0	4.8	19	<0.1	0.8	0.2	94	0.33	0.018	24
1959931	Silt	1.1	26.0	10.1	51	<0.1	34.7	11.4	245	3.03	9.4	3.4	4.3	15	<0.1	0.5	0.1	83	0.20	0.016	20
1959932	Silt	1.0	22.0	10.6	49	<0.1	27.2	9.8	199	3.09	10.2	2.3	4.4	15	<0.1	0.6	0.2	83	0.19	0.015	17
1959933	Silt	0.9	25.3	10.0	46	<0.1	32.5	11.8	271	3.00	8.1	3.7	4.0	15	<0.1	0.5	0.1	83	0.25	0.016	18
1959934	Silt	1.3	20.0	10.1	47	<0.1	29.3	11.5	233	3.11	9.4	1.7	3.3	14	<0.1	0.5	0.1	81	0.21	0.016	13
1959935	Silt	1.2	25.8	12.2	46	<0.1	30.9	10.0	228	2.84	9.3	3.8	3.7	15	<0.1	0.6	0.1	72	0.24	0.014	18
1959936	Silt	0.9	32.8	11.1	49	<0.1	33.6	10.3	309	2.67	8.8	6.1	3.7	18	<0.1	0.6	0.1	67	0.32	0.020	19

# CERTIFICATE OF ANALYSIS

WHI13000171.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
1959907	Silt	32	0.44	297	0.048	<1	1.30	0.013	0.05	0.2	0.02	4.0	<0.1	<0.05	3	0.5	<0.2
1959908	Silt	36	0.47	295	0.044	<1	1.41	0.013	0.06	0.3	0.02	4.4	<0.1	<0.05	4	<0.5	<0.2
1959909	Silt	35	0.48	319	0.045	<1	1.50	0.014	0.05	0.2	0.02	4.2	<0.1	<0.05	4	<0.5	<0.2
1959910	Silt	38	0.57	335	0.045	<1	1.68	0.015	0.06	0.2	0.04	5.9	<0.1	<0.05	4	<0.5	<0.2
1959911	Silt	37	0.52	383	0.032	<1	1.51	0.015	0.04	0.2	<0.01	5.2	<0.1	<0.05	4	<0.5	<0.2
1959912	Silt	39	0.54	393	0.031	<1	1.47	0.013	0.04	0.2	0.03	4.7	<0.1	<0.05	4	<0.5	<0.2
1959913	Silt	26	0.50	202	0.061	<1	1.11	0.019	0.05	0.3	0.03	3.4	<0.1	<0.05	3	<0.5	<0.2
1959914	Silt	25	0.16	54	0.004	<1	0.56	0.003	0.06	<0.1	0.03	3.5	<0.1	<0.05	1	<0.5	<0.2
1959915	Silt	41	0.67	110	0.002	<1	0.80	0.005	0.10	<0.1	0.03	3.2	<0.1	<0.05	2	<0.5	<0.2
1959916	Silt	14	0.32	86	0.002	<1	0.57	0.005	0.07	<0.1	0.02	2.6	<0.1	<0.05	1	<0.5	<0.2
1959917	Silt	18	0.26	93	0.004	1	0.68	0.008	0.05	<0.1	0.02	2.3	<0.1	<0.05	2	<0.5	<0.2
1959918	Silt	44	0.65	176	0.045	<1	1.08	0.009	0.07	0.1	0.04	4.5	<0.1	<0.05	4	<0.5	<0.2
1959919	Silt	63	0.74	185	0.060	3	1.33	0.009	0.09	<0.1	0.03	5.3	<0.1	<0.05	5	<0.5	<0.2
1959920	Silt	55	0.42	124	0.029	2	0.84	0.005	0.10	<0.1	0.05	5.8	<0.1	<0.05	2	<0.5	<0.2
1959921	Silt	59	0.77	185	0.079	1	1.40	0.008	0.07	<0.1	0.04	4.6	<0.1	<0.05	5	<0.5	<0.2
1959922	Silt	70	1.06	219	0.077	3	1.77	0.008	0.10	<0.1	0.06	5.1	0.1	<0.05	6	<0.5	<0.2
1959923	Silt	69	0.89	220	0.104	3	1.79	0.012	0.08	0.2	<0.01	4.3	0.1	<0.05	6	<0.5	<0.2
1959924	Silt	56	0.80	237	0.093	<1	1.59	0.013	0.08	0.1	0.04	4.9	<0.1	<0.05	5	<0.5	<0.2
1959925	Silt	36	0.86	226	0.049	2	1.19	0.014	0.05	0.2	0.04	4.5	<0.1	<0.05	4	<0.5	<0.2
1959926	Silt	39	0.51	237	0.043	2	1.70	0.010	0.04	0.2	0.01	3.2	0.1	<0.05	5	<0.5	<0.2
1959927	Silt	38	0.69	253	0.047	3	1.37	0.017	0.05	0.3	0.04	4.0	<0.1	<0.05	4	<0.5	<0.2
1959928	Silt	61	1.30	239	0.076	2	1.69	0.016	0.10	0.2	0.04	5.1	0.1	<0.05	5	<0.5	<0.2
1959929	Silt	29	1.79	180	0.058	2	1.12	0.019	0.06	0.3	0.04	4.0	<0.1	<0.05	4	<0.5	<0.2
1959930	Silt	75	0.71	385	0.094	2	2.53	0.013	0.06	0.2	0.10	9.4	<0.1	<0.05	8	0.6	<0.2
1959931	Silt	55	0.59	308	0.073	1	2.31	0.011	0.04	0.1	0.03	5.9	0.1	<0.05	6	<0.5	<0.2
1959932	Silt	50	0.52	270	0.070	1	2.44	0.008	0.05	0.1	0.03	5.1	0.1	<0.05	7	<0.5	<0.2
1959933	Silt	54	0.56	278	0.077	1	2.24	0.009	0.04	<0.1	0.02	5.6	0.1	<0.05	7	<0.5	<0.2
1959934	Silt	51	0.53	240	0.069	1	2.38	0.008	0.05	0.1	0.01	4.1	0.1	<0.05	6	<0.5	<0.2
1959935	Silt	49	0.51	269	0.067	1	2.13	0.010	0.05	0.1	0.04	5.3	0.1	<0.05	6	<0.5	<0.2
1959936	Silt	44	0.53	394	0.064	2	1.75	0.013	0.05	0.1	0.06	6.4	<0.1	<0.05	5	<0.5	<0.2

# CERTIFICATE OF ANALYSIS

WHI13000171.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	2	0.01	0.001	1	
1959937	Silt	1.3	37.1	16.6	61	<0.1	44.0	14.1	505	3.26	10.7	5.0	4.5	21	<0.1	0.7	0.2	79	0.47	0.037	21
1959938	Silt	1.1	23.0	11.7	47	<0.1	33.4	11.5	420	2.88	7.9	4.0	2.7	16	<0.1	0.4	0.1	78	0.31	0.038	18
1959939	Silt	1.0	33.9	12.5	58	<0.1	43.5	12.7	416	3.08	10.6	3.6	4.0	18	<0.1	0.7	0.1	78	0.43	0.032	21
1959940	Silt	0.7	31.5	9.1	47	<0.1	30.6	9.7	284	2.67	10.0	3.4	4.1	18	<0.1	0.6	0.1	65	0.32	0.023	18
1959941	Silt	0.8	22.1	10.3	49	<0.1	29.9	9.4	429	2.13	8.9	2.2	3.4	26	0.2	0.7	0.3	52	0.52	0.050	13
1959942	Silt	1.0	31.8	43.1	62	0.5	40.9	13.1	397	3.08	17.6	295.2	4.4	55	0.2	0.9	1.4	66	1.70	0.045	21
1959943	Silt	1.1	41.8	44.2	60	0.3	57.2	18.7	410	3.62	20.3	13.2	5.0	46	0.3	1.3	1.3	64	1.30	0.059	24
1959944	Silt	1.1	44.8	52.8	51	0.2	48.3	17.9	388	3.27	20.5	17.4	5.6	59	0.1	0.7	1.7	67	2.08	0.042	18
1959945	Silt	1.1	43.7	444.4	279	0.5	76.5	29.3	586	4.17	48.2	14.2	5.8	40	1.3	1.1	8.7	74	1.15	0.065	20
1959946	Silt	1.2	45.7	81.3	57	0.2	41.8	16.6	420	4.14	23.2	6.0	7.6	46	0.1	0.8	1.4	72	0.56	0.045	22
1959947	Silt	1.2	31.2	48.4	53	<0.1	36.1	16.3	340	3.20	15.9	4.6	3.6	29	0.1	0.7	0.7	78	0.51	0.028	13
1959948	Silt	1.4	33.7	61.0	55	0.1	34.6	14.1	308	3.56	12.7	3.7	4.7	36	0.1	0.6	0.8	74	0.45	0.042	16
1959949	Silt	1.3	58.5	49.3	48	0.2	37.9	19.7	453	3.91	12.3	3.7	2.6	36	0.1	0.6	0.9	102	0.65	0.044	11
1959950	Silt	1.0	32.1	13.7	57	0.1	60.2	11.9	333	2.80	11.0	6.8	3.2	33	0.2	0.7	0.3	67	0.64	0.066	13
1959951	Silt	0.6	30.4	15.9	46	0.2	280.9	22.3	378	2.71	9.9	39.7	2.6	32	0.2	0.6	0.4	56	0.70	0.045	12
1959952	Silt	0.7	31.9	12.2	53	0.2	335.8	23.0	281	2.73	14.7	3.5	3.1	37	0.3	1.0	0.3	47	0.94	0.051	15
1959953	Silt	0.9	26.8	9.8	54	0.2	241.5	17.7	283	2.69	11.9	3.2	3.6	25	0.2	0.9	0.2	50	0.58	0.054	15
1959954	Silt	1.9	35.3	13.4	52	0.3	29.1	7.3	219	2.25	16.4	3.6	2.8	48	0.2	1.1	0.3	51	1.27	0.056	15
1959955	Silt	1.4	34.8	12.8	53	0.2	31.6	9.3	338	2.41	14.0	4.3	3.4	38	0.3	0.7	0.4	60	0.79	0.054	15
1959956	Silt	1.1	24.3	15.2	49	0.2	24.2	7.6	285	2.52	11.6	3.7	2.9	42	0.2	0.8	0.3	58	1.03	0.067	13
1959957	Silt	1.3	26.4	17.6	50	0.2	25.5	7.8	295	2.54	15.5	4.3	3.1	64	0.2	0.9	0.4	53	2.47	0.054	14
1959958	Silt	3.4	26.1	22.4	47	0.5	20.5	6.3	217	2.84	16.0	7.0	3.5	26	0.1	0.8	0.7	55	0.29	0.041	14
1959959	Silt	0.6	40.9	9.7	44	0.1	22.5	9.5	366	2.21	9.0	3.0	2.5	35	0.3	0.9	0.2	56	1.00	0.049	14
1959960	Silt	0.9	38.7	10.4	45	0.1	23.4	10.1	311	2.57	9.5	2.2	2.9	33	0.2	0.9	0.2	66	0.84	0.040	13
1959961	Silt	1.4	31.6	27.1	54	0.2	16.3	7.9	260	3.92	17.4	1.9	5.8	31	0.1	1.6	0.6	41	0.20	0.047	9
1959962	Silt	1.0	53.3	17.5	51	0.1	28.4	15.1	465	3.65	13.9	2.6	5.5	38	0.2	1.1	0.5	53	0.53	0.059	11
1959963	Silt	0.7	46.7	11.1	46	<0.1	22.9	12.6	407	2.70	10.3	2.7	4.0	32	0.1	0.8	0.2	60	0.53	0.039	13
1959964	Silt	1.0	67.5	19.0	51	0.1	23.8	17.1	499	2.99	11.0	2.2	4.4	40	0.2	1.3	0.4	66	0.65	0.044	13
1959965	Silt	1.3	25.7	30.6	37	0.1	16.3	9.1	269	2.13	9.8	1.8	4.8	26	0.2	0.9	0.6	40	0.42	0.030	15
1959966	Silt	1.4	52.0	20.4	51	<0.1	32.0	14.3	457	3.10	16.3	3.7	7.8	23	<0.1	1.8	0.3	64	0.34	0.023	25



www.acmelab.com

Acme Analytical Laboratories (Vancouver) Ltd.  
 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA  
 PHONE (604) 253-3158

Client: **Klondike Gold Corp.**  
 711 - 675 W. Hastings St.  
 Vancouver BC V6B 1N2 CANADA

Project: Silver City  
 Report Date: August 02, 2013

Page: 6 of 7

Part: 2 of 2

# CERTIFICATE OF ANALYSIS

WHI13000171.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.2
1959937	Silt	56	0.62	417	0.070	2	2.10	0.016	0.07	0.2	0.07	6.8	<0.1	<0.05	6	<0.5	<0.2
1959938	Silt	51	0.53	293	0.066	2	2.13	0.010	0.05	0.1	0.02	4.5	0.1	<0.05	6	<0.5	<0.2
1959939	Silt	52	0.65	377	0.069	2	2.01	0.014	0.07	0.2	0.05	6.6	0.1	<0.05	6	<0.5	<0.2
1959940	Silt	40	0.53	381	0.061	1	1.77	0.012	0.05	0.1	0.06	6.4	<0.1	<0.05	5	<0.5	<0.2
1959941	Silt	27	0.49	184	0.048	2	0.94	0.017	0.06	0.2	0.02	3.4	<0.1	<0.05	3	<0.5	<0.2
1959942	Silt	48	0.80	265	0.056	2	1.43	0.023	0.07	0.2	0.03	4.9	<0.1	0.05	5	<0.5	0.3
1959943	Silt	58	0.72	309	0.047	3	1.50	0.024	0.11	0.1	0.03	6.3	<0.1	0.07	5	<0.5	0.4
1959944	Silt	56	0.88	249	0.090	2	1.87	0.024	0.08	0.1	0.03	6.0	0.1	<0.05	6	<0.5	0.4
1959945	Silt	102	1.36	180	0.092	2	2.15	0.032	0.12	0.1	0.02	6.5	0.2	0.06	6	<0.5	5.2
1959946	Silt	58	0.81	250	0.096	2	2.15	0.045	0.15	0.2	0.02	6.5	0.1	0.17	7	<0.5	0.5
1959947	Silt	48	0.70	282	0.083	2	2.08	0.025	0.08	0.1	0.03	6.0	<0.1	0.05	6	<0.5	0.2
1959948	Silt	50	0.64	246	0.075	1	1.85	0.039	0.10	0.1	0.01	4.4	<0.1	0.15	6	<0.5	0.3
1959949	Silt	46	0.89	393	0.103	2	2.36	0.051	0.09	<0.1	0.02	8.7	0.1	0.15	7	0.8	<0.2
1959950	Silt	48	0.68	302	0.066	2	1.37	0.033	0.06	0.2	0.02	4.6	<0.1	0.07	4	0.6	<0.2
1959951	Silt	120	1.15	327	0.041	4	1.32	0.022	0.06	0.3	0.03	5.2	<0.1	0.05	4	0.6	<0.2
1959952	Silt	138	1.47	241	0.027	5	1.23	0.015	0.05	0.4	0.03	4.5	<0.1	0.06	3	1.1	0.3
1959953	Silt	108	1.15	214	0.039	4	1.24	0.020	0.05	0.3	0.04	4.7	<0.1	<0.05	4	0.5	<0.2
1959954	Silt	31	0.57	344	0.025	3	1.30	0.022	0.05	0.2	0.03	4.1	<0.1	0.08	4	1.5	<0.2
1959955	Silt	36	0.61	346	0.038	2	1.46	0.023	0.05	0.2	0.03	4.7	<0.1	<0.05	4	0.7	0.3
1959956	Silt	31	0.53	287	0.035	2	1.26	0.024	0.05	0.3	0.02	3.6	<0.1	0.06	4	0.5	<0.2
1959957	Silt	31	0.50	321	0.034	2	1.38	0.018	0.05	0.2	0.04	3.9	<0.1	<0.05	4	0.8	<0.2
1959958	Silt	29	0.52	431	0.024	<1	1.25	0.023	0.06	0.1	0.01	2.8	<0.1	0.08	4	1.7	0.3
1959959	Silt	35	0.63	326	0.025	2	1.29	0.016	0.05	0.2	0.02	5.1	<0.1	<0.05	3	0.7	<0.2
1959960	Silt	47	0.79	393	0.045	1	1.44	0.018	0.06	0.2	0.02	5.7	<0.1	<0.05	4	0.6	<0.2
1959961	Silt	30	0.56	294	0.023	<1	1.33	0.059	0.08	0.1	0.01	3.5	<0.1	0.24	4	1.0	0.4
1959962	Silt	49	0.82	258	0.037	<1	1.20	0.032	0.05	0.2	0.03	5.1	<0.1	<0.05	4	<0.5	0.3
1959963	Silt	45	0.77	372	0.059	1	1.39	0.018	0.06	0.2	0.03	5.4	<0.1	<0.05	4	<0.5	<0.2
1959964	Silt	56	0.98	411	0.057	1	1.54	0.021	0.07	0.1	0.03	7.8	<0.1	<0.05	4	0.8	<0.2
1959965	Silt	27	0.42	468	0.030	1	1.09	0.012	0.09	0.2	0.02	3.5	<0.1	<0.05	3	<0.5	<0.2
1959966	Silt	47	0.69	330	0.063	1	1.50	0.015	0.08	0.2	0.05	8.5	<0.1	<0.05	4	0.6	<0.2

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



www.acmelab.com

Acme Analytical Laboratories (Vancouver) Ltd.

9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA

PHONE (604) 253-3158

**Client:** Klondike Gold Corp.  
711 - 675 W. Hastings St.  
Vancouver BC V6B 1N2 CANADA

**Project:** Silver City  
**Report Date:** August 02, 2013

**Page:** 7 of 7

**Part:** 1 of 2

# CERTIFICATE OF ANALYSIS

WHI13000171.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	2	0.01	0.001	1	
1959967	Silt	1.4	17.5	11.5	38	<0.1	18.0	8.6	426	2.19	8.1	1.7	3.6	20	<0.1	0.7	0.2	48	0.33	0.015	13
1959968	Silt	1.6	28.3	40.9	50	<0.1	22.2	11.1	386	2.69	15.2	8.5	8.0	16	<0.1	1.9	0.3	47	0.21	0.017	20
1959969	Silt	1.5	81.1	34.2	100	<0.1	27.1	25.9	718	3.66	17.9	2.1	3.0	27	0.2	4.4	0.5	81	0.38	0.022	11
1959970	Silt	1.1	37.2	11.7	52	<0.1	27.6	13.0	325	2.59	13.1	3.8	4.9	19	<0.1	1.6	0.2	55	0.32	0.020	15
1959971	Silt	1.0	39.4	36.0	75	0.1	21.8	13.3	404	2.67	14.4	2.2	3.2	27	0.3	3.3	0.2	65	0.44	0.022	11
1959972	Silt	0.9	70.6	16.6	82	<0.1	48.8	23.9	483	3.53	39.6	1.1	3.5	42	0.3	5.1	0.3	80	0.95	0.051	13
1959973	Silt	2.2	62.7	22.8	264	0.2	133.4	37.2	328	4.25	103.1	0.6	7.6	43	1.6	14.4	0.5	52	0.45	0.087	25

# CERTIFICATE OF ANALYSIS

WHI13000171.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
1959967	Silt	28	0.34	431	0.028	<1	1.26	0.010	0.07	0.1	0.02	3.8	<0.1	<0.05	4	<0.5	<0.2
1959968	Silt	34	0.45	349	0.037	<1	1.40	0.010	0.07	0.2	0.02	5.8	<0.1	<0.05	4	0.7	<0.2
1959969	Silt	50	0.95	354	0.040	<1	1.93	0.013	0.07	0.1	0.02	8.4	<0.1	<0.05	5	1.0	0.4
1959970	Silt	39	0.56	293	0.048	<1	1.38	0.012	0.05	0.2	0.02	6.1	<0.1	<0.05	4	<0.5	<0.2
1959971	Silt	30	0.68	507	0.037	1	1.70	0.013	0.06	0.1	0.03	5.2	<0.1	<0.05	5	0.7	<0.2
1959972	Silt	59	1.18	456	0.048	1	2.01	0.024	0.09	0.1	0.02	8.6	0.1	<0.05	5	0.7	<0.2
1959973	Silt	66	0.89	337	0.010	1	1.81	0.030	0.12	0.1	0.02	5.3	<0.1	<0.05	4	2.2	<0.2

# QUALITY CONTROL REPORT

WHI13000171.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1	
Pulp Duplicates																					
1959803	Soil	0.9	35.7	13.3	61	0.1	38.4	13.9	779	3.13	10.2	2.0	8.7	27	0.1	0.9	0.2	44	0.37	0.062	33
REP 1959803	QC	1.0	37.6	13.4	62	<0.1	40.2	14.0	815	3.17	11.0	1.6	8.7	28	<0.1	0.9	0.3	46	0.41	0.057	34
1959831	Soil	0.9	19.2	7.3	62	0.2	27.9	10.4	548	2.08	5.2	5.0	3.0	37	0.2	0.6	<0.1	40	0.65	0.070	17
REP 1959831	QC	0.7	19.4	7.3	56	0.1	27.2	10.2	539	2.08	4.4	1.7	3.0	38	0.1	0.5	<0.1	41	0.71	0.071	16
1959839	Soil	21.4	59.0	18.3	101	0.4	102.9	8.7	421	3.73	18.5	6.7	5.2	49	0.9	3.0	0.3	52	0.17	0.047	15
REP 1959839	QC	21.9	61.5	18.2	107	0.4	105.8	8.8	424	3.78	18.9	7.0	5.2	52	0.9	3.0	0.3	54	0.17	0.047	14
1959867	Soil	4.3	62.5	23.6	180	0.4	59.9	16.2	557	4.24	53.1	5.9	8.6	25	1.0	4.3	0.4	44	0.41	0.070	31
REP 1959867	QC	4.3	62.7	23.6	176	0.4	59.6	16.5	546	4.20	50.7	7.5	8.7	25	1.0	4.4	0.4	43	0.41	0.070	31
1959875	Soil	0.3	26.5	12.3	49	<0.1	18.5	8.1	249	2.18	8.6	7.8	4.3	17	0.2	1.0	0.2	47	0.29	0.031	16
REP 1959875	QC	0.9	24.8	12.0	43	<0.1	16.5	8.4	244	2.16	8.4	4.7	4.3	18	<0.1	0.8	0.2	46	0.30	0.030	15
1959919	Silt	0.4	42.7	13.5	80	0.1	58.6	19.1	569	3.79	8.0	2.4	6.3	33	0.2	0.6	0.2	54	1.12	0.110	29
REP 1959919	QC	0.5	45.0	14.2	80	<0.1	65.0	20.6	578	3.90	7.5	1.2	6.6	34	0.1	0.7	0.2	55	1.10	0.117	29
1959927	Silt	0.7	20.6	10.3	51	0.1	30.2	10.2	392	2.44	7.8	5.0	2.7	25	0.2	0.4	0.1	57	1.03	0.062	17
REP 1959927	QC	0.6	21.9	10.5	51	0.1	31.0	10.7	391	2.46	8.0	4.1	2.7	24	0.2	0.4	0.1	57	1.06	0.061	17
1959955	Silt	1.4	34.8	12.8	53	0.2	31.6	9.3	338	2.41	14.0	4.3	3.4	38	0.3	0.7	0.4	60	0.79	0.054	15
REP 1959955	QC	1.4	34.5	13.4	54	0.2	30.6	9.1	339	2.46	13.7	3.9	3.3	38	0.3	0.7	0.4	59	0.81	0.054	15
Reference Materials																					
STD DS9	Standard	14.0	97.0	121.8	289	1.7	40.0	7.4	560	2.23	23.5	108.1	5.4	61	2.2	4.6	5.0	39	0.70	0.069	14
STD DS9	Standard	14.0	97.0	135.7	305	1.8	42.3	8.0	593	2.34	24.4	118.4	5.6	62	2.4	4.6	5.1	43	0.76	0.071	14
STD DS9	Standard	14.3	107.2	125.7	317	1.7	42.2	7.5	578	2.29	24.3	118.1	6.2	73	2.2	5.8	6.0	44	0.74	0.084	15
STD DS9	Standard	14.0	107.8	129.9	297	1.7	43.8	7.2	572	2.34	23.7	115.0	6.3	75	1.8	5.7	6.1	41	0.80	0.081	16
STD DS9	Standard	13.6	103.4	116.9	306	1.7	38.1	7.2	540	2.20	25.8	102.4	6.4	73	2.6	5.7	6.2	37	0.67	0.085	14
STD DS9 Expected		12.84	108	126	317	1.83	40.3	7.6	575	2.33	25.5	118	6.38	69.6	2.4	4.94	6.32	40	0.7201	0.0819	13.3
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	8	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	6	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1

# QUALITY CONTROL REPORT

WHI13000171.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																	
1959803	Soil	38	0.42	228	0.046	2	1.38	0.010	0.06	0.1	0.02	5.7	<0.1	<0.05	4	<0.5	<0.2
REP 1959803	QC	39	0.44	235	0.046	<1	1.43	0.009	0.06	0.2	0.03	6.6	<0.1	<0.05	4	<0.5	<0.2
1959831	Soil	34	0.59	208	0.048	<1	1.17	0.011	0.04	0.2	0.05	2.8	<0.1	<0.05	3	<0.5	<0.2
REP 1959831	QC	33	0.58	207	0.047	1	1.21	0.011	0.04	0.2	0.05	3.1	<0.1	<0.05	3	<0.5	<0.2
1959839	Soil	55	0.87	315	0.023	2	1.49	0.014	0.06	0.1	0.47	4.1	0.3	0.09	4	2.3	<0.2
REP 1959839	QC	55	0.84	304	0.025	2	1.55	0.014	0.06	0.1	0.46	4.2	0.3	0.10	4	2.9	<0.2
1959867	Soil	34	0.69	217	0.004	1	1.66	0.011	0.08	<0.1	0.02	4.9	<0.1	0.05	5	2.1	0.2
REP 1959867	QC	35	0.73	217	0.004	<1	1.64	0.011	0.08	<0.1	0.02	4.9	<0.1	0.05	5	2.1	<0.2
1959875	Soil	33	0.54	272	0.035	<1	1.16	0.011	0.04	0.2	0.02	4.3	<0.1	<0.05	3	<0.5	<0.2
REP 1959875	QC	31	0.53	264	0.031	<1	1.14	0.011	0.04	0.2	<0.01	4.6	<0.1	<0.05	3	<0.5	<0.2
1959919	Silt	63	0.74	185	0.060	3	1.33	0.009	0.09	<0.1	0.03	5.3	<0.1	<0.05	5	<0.5	<0.2
REP 1959919	QC	65	0.78	191	0.063	2	1.38	0.009	0.08	0.1	0.05	5.7	<0.1	<0.05	5	<0.5	<0.2
1959927	Silt	38	0.69	253	0.047	3	1.37	0.017	0.05	0.3	0.04	4.0	<0.1	<0.05	4	<0.5	<0.2
REP 1959927	QC	40	0.69	264	0.048	3	1.34	0.017	0.06	0.3	0.06	4.2	<0.1	<0.05	4	<0.5	<0.2
1959955	Silt	36	0.61	346	0.038	2	1.46	0.023	0.05	0.2	0.03	4.7	<0.1	<0.05	4	0.7	0.3
REP 1959955	QC	36	0.61	348	0.038	1	1.47	0.023	0.05	0.2	0.03	4.8	<0.1	<0.05	4	0.7	0.3
Reference Materials																	
STD DS9	Standard	123	0.62	303	0.109	3	0.95	0.088	0.36	3.1	0.20	2.4	5.1	0.16	5	4.6	5.3
STD DS9	Standard	124	0.62	291	0.107	3	0.97	0.093	0.39	3.1	0.21	2.6	5.2	0.17	5	5.6	4.9
STD DS9	Standard	124	0.63	299	0.121	3	0.99	0.088	0.38	3.0	0.18	2.2	5.3	0.14	5	6.3	5.2
STD DS9	Standard	121	0.62	301	0.124	2	0.99	0.093	0.37	2.7	0.18	2.2	5.0	0.15	4	3.3	4.4
STD DS9	Standard	112	0.61	305	0.114	4	0.92	0.077	0.40	3.2	0.19	2.6	5.2	0.11	4	5.0	5.1
STD DS9 Expected		121	0.6165	295	0.1108		0.9577	0.0853	0.395	2.89	0.2	2.5	5.3	0.1615	4.59	5.2	5.02
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2



www.acmelab.com

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: Klondike Gold Corp.
711 - 675 W. Hastings St.
Vancouver BC V6B 1N2 CANADA

Submitted By: Katie Dodd
Receiving Lab: Canada-Whitehorse
Received: September 18, 2013
Report Date: September 27, 2013
Page: 1 of 4

CERTIFICATE OF ANALYSIS

WHI13000438.1

CLIENT JOB INFORMATION

Project: Silver City
Shipment ID:
P.O. Number
Number of Samples: 74

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
PICKUP-RJT Client to Pickup Rejects

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

Invoice To: Klondike Gold Corp.
711 - 675 W. Hastings St.
Vancouver BC V6B 1N2
CANADA

CC: Bill Mann

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Table with 6 columns: Procedure Code, Number of Samples, Code Description, Test Wgt (g), Report Status, Lab. Rows include procedures like 'Dry at 60C', 'SS80', 'RJSV', and '1DX2'.

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted. \*\*\* asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



www.acmelab.com

Acme Analytical Laboratories (Vancouver) Ltd.  
 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA  
 PHONE (604) 253-3158

Client: **Klondike Gold Corp.**  
 711 - 675 W. Hastings St.  
 Vancouver BC V6B 1N2 CANADA

Project: Silver City  
 Report Date: September 27, 2013

Page: 2 of 4

Part: 1 of 2

# CERTIFICATE OF ANALYSIS

WHI13000438.1

Method	Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15		
				Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
				ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm		
				0.1	0.1	0.1	1	0.1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	2	0.01	0.001	1
E5272456	Soil			0.9	85.7	6.5	92	<0.1	72.1	28.4	2519	4.11	3.0	2.8	2.6	19	0.2	0.6	0.3	68	0.49	0.084	7
E5272457	Soil			2.8	26.1	10.6	64	<0.1	32.2	9.2	221	2.16	9.2	3.8	4.2	14	0.3	0.9	0.3	43	0.15	0.033	15
E5272458	Soil			1.0	24.9	6.7	51	<0.1	31.3	10.7	327	2.19	5.6	16.6	3.5	20	0.1	0.5	0.2	50	0.30	0.044	15
E5272459	Soil			37.2	69.4	29.7	164	1.2	52.3	7.9	198	4.27	29.2	10.8	5.1	67	0.5	5.2	0.4	49	0.26	0.077	13
E5272460	Soil			0.9	13.5	7.4	48	0.1	17.6	7.7	280	1.68	5.5	3.2	2.7	26	0.2	0.8	0.2	34	0.42	0.054	12
E5272461	Soil			1.0	18.9	8.4	57	0.1	26.6	10.0	373	1.87	6.4	1.8	3.1	37	0.3	0.8	0.2	38	0.68	0.066	15
E5272462	Soil			0.9	45.7	50.0	141	0.2	62.1	18.5	572	3.25	18.9	6.6	6.6	90	0.6	1.4	0.3	38	1.21	0.078	41
E5272463	Soil			0.7	42.7	16.9	70	0.1	56.7	17.8	718	3.23	11.3	4.0	5.4	80	0.3	0.9	0.2	47	1.08	0.080	37
E5272464	Soil			0.7	39.6	16.4	77	0.1	50.6	15.5	549	3.13	9.0	3.4	5.0	50	0.3	1.0	0.2	49	0.75	0.083	27
E5272465	Soil			0.8	39.0	16.8	75	0.1	61.3	20.4	760	4.13	10.6	3.0	5.8	46	0.2	0.8	0.1	60	0.82	0.113	31
E5272466	Soil			0.9	49.4	13.8	74	0.1	59.5	19.1	563	3.51	11.0	15.4	6.8	71	0.2	1.1	0.2	51	1.13	0.085	37
E5272467	Soil			0.6	44.1	14.9	75	0.1	59.4	19.8	615	3.77	14.4	4.8	8.6	72	0.2	1.3	0.2	41	1.14	0.065	36
E5272468	Soil			0.8	62.8	11.3	75	0.1	96.4	28.7	502	4.08	14.2	2.8	8.4	79	<0.1	1.1	0.2	55	1.23	0.128	45
E5272469	Soil			0.8	66.4	10.0	78	<0.1	105.8	30.3	697	4.05	12.9	3.9	5.6	76	<0.1	1.0	0.2	59	1.20	0.132	40
E5272470	Soil			0.7	57.3	12.2	78	<0.1	99.6	28.2	658	4.08	7.4	6.0	6.1	98	<0.1	0.9	0.1	66	1.33	0.132	39
E5272471	Soil			0.7	49.7	10.9	71	<0.1	76.1	22.6	629	3.80	15.9	3.4	6.0	70	<0.1	1.0	0.2	53	1.08	0.106	35
E5272472	Soil			2.9	54.5	43.7	68	0.2	54.6	18.3	392	3.83	30.6	8.0	14.7	67	<0.1	2.5	0.4	21	0.90	0.080	53
E5272473	Soil			0.9	48.8	13.1	88	<0.1	107.9	32.1	1089	5.51	8.8	4.1	4.1	80	<0.1	2.0	<0.1	100	1.17	0.123	33
E5272474	Soil			2.0	111.2	36.9	132	0.2	75.3	24.2	1815	4.22	52.6	5.5	11.6	24	0.3	6.7	0.3	23	0.32	0.080	40
E5272475	Soil			0.9	32.2	13.0	61	0.1	36.4	12.0	459	2.92	8.6	2.9	5.1	17	0.1	0.9	<0.1	41	0.31	0.041	17
E5272476	Soil			1.1	22.6	12.5	56	<0.1	44.5	10.0	263	2.64	8.7	5.3	4.2	14	<0.1	0.8	0.1	51	0.27	0.030	16
E5272477	Soil			0.9	24.4	13.8	70	0.1	37.1	13.8	679	2.63	7.0	2.8	3.2	33	0.2	0.4	0.1	58	0.77	0.070	15
E5272478	Soil			0.8	17.7	11.2	52	<0.1	22.6	9.0	275	2.34	8.4	3.5	3.3	20	0.1	0.5	0.1	61	0.36	0.032	15
E5272479	Soil			0.9	16.1	12.2	51	<0.1	20.0	7.9	211	2.14	6.7	2.7	3.7	20	0.1	0.4	<0.1	50	0.33	0.036	14
E5272480	Soil			0.8	26.8	11.0	58	0.2	25.9	9.7	279	2.33	7.5	2.7	4.6	23	0.1	0.6	0.4	52	0.36	0.049	17
E5272481	Soil			0.6	20.2	11.9	56	<0.1	23.5	9.6	265	2.21	5.9	4.0	4.0	21	0.1	0.4	0.2	51	0.35	0.048	16
E5272482	Soil			1.1	56.6	17.6	78	0.3	53.1	27.9	1379	5.31	23.3	1.7	5.6	12	0.3	1.5	0.3	102	0.30	0.057	19
E5272483	Soil			1.1	26.7	16.2	61	0.1	21.1	10.1	320	3.07	8.5	3.6	5.1	18	0.3	0.8	0.2	63	0.27	0.045	16
E5272484	Soil			0.6	31.1	8.8	52	<0.1	25.5	12.7	473	3.28	9.8	9.1	4.2	27	0.1	0.8	0.1	78	0.50	0.040	13
E5272485	Soil			0.6	31.6	8.8	53	0.1	24.8	10.0	361	2.37	9.7	3.1	4.0	31	0.1	0.8	0.1	57	0.47	0.051	13

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



www.acmelab.com

Acme Analytical Laboratories (Vancouver) Ltd.  
 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA  
 PHONE (604) 253-3158

Client: **Klondike Gold Corp.**  
 711 - 675 W. Hastings St.  
 Vancouver BC V6B 1N2 CANADA

Project: Silver City  
 Report Date: September 27, 2013

Page: 2 of 4

Part: 2 of 2

# CERTIFICATE OF ANALYSIS

WHI13000438.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.2
E5272456	Soil	100	1.78	379	0.117	2	2.40	0.004	0.03	<0.1	0.11	5.3	<0.1	<0.05	6	<0.5	<0.2
E5272457	Soil	33	0.46	161	0.034	1	1.23	0.006	0.04	0.1	0.05	2.8	<0.1	<0.05	3	<0.5	<0.2
E5272458	Soil	41	0.57	214	0.076	2	1.47	0.007	0.04	0.1	0.02	4.0	<0.1	<0.05	4	<0.5	<0.2
E5272459	Soil	43	0.45	259	0.026	1	1.09	0.036	0.09	<0.1	0.64	3.7	0.5	0.34	4	5.8	<0.2
E5272460	Soil	20	0.38	179	0.034	2	0.91	0.010	0.03	0.2	0.02	2.4	<0.1	0.06	3	<0.5	<0.2
E5272461	Soil	30	0.50	187	0.031	3	1.02	0.009	0.04	0.2	0.04	2.8	<0.1	0.08	3	0.6	<0.2
E5272462	Soil	60	0.76	180	0.016	4	1.42	0.007	0.05	<0.1	0.03	4.7	<0.1	0.06	4	<0.5	<0.2
E5272463	Soil	63	0.85	266	0.026	3	1.57	0.010	0.05	0.1	0.03	4.9	<0.1	0.07	5	0.8	<0.2
E5272464	Soil	59	0.76	288	0.038	3	1.48	0.010	0.06	0.1	0.04	5.0	<0.1	0.05	5	<0.5	<0.2
E5272465	Soil	75	1.08	271	0.033	1	1.84	0.008	0.05	<0.1	0.05	6.0	<0.1	0.05	6	0.6	<0.2
E5272466	Soil	67	0.95	298	0.036	3	1.67	0.009	0.06	<0.1	0.03	5.5	<0.1	0.07	5	1.2	<0.2
E5272467	Soil	61	0.83	202	0.023	2	1.42	0.008	0.06	<0.1	0.03	5.2	<0.1	0.06	5	<0.5	<0.2
E5272468	Soil	123	1.59	153	0.018	2	1.76	0.004	0.06	<0.1	0.03	7.1	<0.1	0.08	7	0.7	<0.2
E5272469	Soil	131	1.82	194	0.023	2	1.95	0.005	0.06	<0.1	0.03	7.3	<0.1	0.05	8	0.5	<0.2
E5272470	Soil	146	1.92	179	0.034	2	1.96	0.005	0.05	<0.1	0.03	7.6	<0.1	0.06	8	<0.5	<0.2
E5272471	Soil	75	0.84	287	0.015	2	1.38	0.006	0.06	<0.1	0.04	7.5	<0.1	<0.05	5	<0.5	<0.2
E5272472	Soil	37	0.81	161	0.006	2	1.28	0.005	0.07	<0.1	0.02	3.2	<0.1	0.16	4	1.0	<0.2
E5272473	Soil	118	0.94	587	0.037	2	1.49	0.007	0.08	<0.1	0.02	14.6	<0.1	<0.05	7	0.5	<0.2
E5272474	Soil	21	0.19	470	0.004	2	0.73	0.003	0.11	<0.1	0.03	6.0	<0.1	<0.05	2	1.2	<0.2
E5272475	Soil	30	0.41	351	0.019	1	1.13	0.007	0.06	0.1	0.02	4.7	<0.1	<0.05	3	<0.5	<0.2
E5272476	Soil	40	0.42	188	0.036	<1	1.31	0.008	0.05	<0.1	<0.01	3.4	<0.1	0.05	4	<0.5	<0.2
E5272477	Soil	47	0.68	409	0.056	1	1.84	0.013	0.06	0.2	0.03	4.2	<0.1	0.08	5	0.6	<0.2
E5272478	Soil	38	0.47	278	0.055	<1	1.53	0.009	0.04	0.2	0.03	3.7	<0.1	<0.05	5	0.6	<0.2
E5272479	Soil	34	0.44	269	0.052	<1	1.44	0.008	0.04	0.1	0.03	3.6	<0.1	<0.05	5	0.7	<0.2
E5272480	Soil	39	0.52	336	0.060	2	1.57	0.010	0.05	0.2	0.04	5.0	0.1	<0.05	4	0.5	<0.2
E5272481	Soil	37	0.50	295	0.061	<1	1.50	0.009	0.04	0.2	0.02	4.0	<0.1	<0.05	5	<0.5	<0.2
E5272482	Soil	142	1.02	196	0.009	<1	1.83	0.004	0.05	<0.1	0.04	16.0	<0.1	<0.05	5	0.7	<0.2
E5272483	Soil	43	0.65	245	0.019	<1	1.40	0.007	0.05	<0.1	0.01	6.6	<0.1	<0.05	4	0.7	<0.2
E5272484	Soil	55	0.61	333	0.029	2	1.44	0.014	0.05	<0.1	0.02	9.8	<0.1	<0.05	4	<0.5	<0.2
E5272485	Soil	35	0.51	337	0.042	<1	1.46	0.016	0.04	0.1	0.03	5.4	<0.1	<0.05	4	<0.5	<0.2

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



www.acmelab.com

Acme Analytical Laboratories (Vancouver) Ltd.  
 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA  
 PHONE (604) 253-3158

**Client:** Klondike Gold Corp.  
 711 - 675 W. Hastings St.  
 Vancouver BC V6B 1N2 CANADA

**Project:** Silver City  
**Report Date:** September 27, 2013

Page: 3 of 4

Part: 1 of 2

# CERTIFICATE OF ANALYSIS

WHI13000438.1

Method	Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15		
				Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
				ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm		
				0.1	0.1	0.1	1	0.1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	2	0.01	0.001	1
E5272486	Soil			1.0	33.8	8.9	46	<0.1	31.4	11.5	318	2.96	8.9	3.8	5.1	27	0.1	0.8	0.1	78	0.38	0.015	16
E5272487	Soil			0.8	35.1	9.8	45	<0.1	33.4	12.7	382	2.86	9.4	3.2	5.1	27	<0.1	0.7	<0.1	81	0.38	0.014	17
E5272488	Soil			0.7	57.5	10.4	48	<0.1	37.2	18.9	674	3.97	8.1	1.5	5.8	63	<0.1	1.0	<0.1	110	0.68	0.030	11
E5272489	Soil			0.8	35.8	3.2	60	<0.1	19.3	18.5	540	4.91	2.7	0.9	2.9	72	<0.1	0.2	<0.1	172	0.97	0.240	29
E5272490	Soil			0.9	45.5	2.8	82	<0.1	27.4	28.9	1102	5.55	2.6	<0.5	1.9	62	<0.1	0.1	<0.1	155	1.17	0.339	20
E5272491	Soil			0.9	55.4	2.3	89	<0.1	33.9	33.8	971	7.00	1.5	<0.5	2.2	67	<0.1	<0.1	<0.1	213	1.43	0.425	28
E5272492	Soil			0.9	42.5	2.3	72	<0.1	49.1	27.7	795	5.56	1.7	1.9	1.7	55	0.1	<0.1	0.3	210	1.22	0.255	19
E5272493	Soil			0.8	40.2	4.1	68	<0.1	35.8	22.1	601	4.83	3.2	3.8	2.1	52	0.1	0.1	0.2	189	1.21	0.252	18
E5272494	Soil			0.8	46.2	2.1	72	<0.1	52.5	30.5	1057	5.78	2.2	2.0	2.0	76	<0.1	<0.1	0.1	139	1.34	0.334	24
E5272495	Soil			0.4	57.3	1.8	84	<0.1	37.5	32.3	992	5.94	1.4	1.5	1.6	93	<0.1	<0.1	<0.1	141	1.48	0.367	27
E5272496	Soil			0.7	58.6	3.8	94	<0.1	33.4	33.9	753	6.92	0.8	2.1	1.3	70	<0.1	<0.1	<0.1	212	1.72	0.374	26
E5272497	Soil			0.6	53.2	3.1	67	<0.1	39.3	28.5	1521	5.68	1.9	3.1	1.7	97	<0.1	0.1	<0.1	178	1.35	0.323	23
E5272498	Soil			1.0	52.8	6.3	59	<0.1	45.5	23.0	730	4.32	10.6	6.6	3.8	42	0.2	0.6	0.1	133	0.69	0.061	13
E5272499	Soil			0.8	46.1	8.8	59	<0.1	31.2	15.7	490	4.40	7.6	4.5	4.6	51	<0.1	0.5	<0.1	140	0.70	0.035	11
E5272500	Soil			0.9	39.7	11.9	79	0.2	33.9	9.3	481	2.69	11.3	8.2	5.1	24	0.2	1.1	0.1	62	0.40	0.047	16
E5272501	Soil			0.6	72.0	10.2	50	0.2	33.1	20.0	763	3.73	26.5	3.7	3.8	68	0.1	1.4	0.6	119	1.07	0.046	17
E5272502	Soil			0.6	51.9	9.9	53	<0.1	33.8	20.7	774	3.73	9.1	4.3	3.4	59	0.1	0.6	0.3	119	1.03	0.050	13
E5272503	Soil			0.8	26.7	9.1	48	<0.1	21.9	13.2	379	2.76	7.2	1.7	2.6	27	<0.1	0.5	0.2	82	0.43	0.027	9
E5272504	Soil			0.7	29.6	9.8	51	<0.1	24.4	11.0	363	3.07	9.2	3.1	2.9	21	0.1	0.6	0.2	85	0.36	0.036	10
E5272505	Soil			0.5	43.5	12.6	51	<0.1	25.3	13.9	457	2.78	6.2	3.2	3.3	32	0.2	0.7	0.1	76	0.77	0.049	18
E5272506	Soil			0.5	28.3	11.6	54	0.1	24.4	10.3	314	2.23	5.2	3.8	3.8	26	0.1	0.6	0.1	58	0.55	0.041	14
E5272507	Soil			0.5	33.1	12.5	58	0.1	27.3	10.0	299	2.14	7.0	4.4	3.5	26	0.2	0.7	0.2	52	0.57	0.066	15
E5272508	Soil			0.4	29.8	8.0	45	0.1	17.5	8.2	253	2.06	5.0	7.3	3.7	21	0.2	0.5	<0.1	55	0.40	0.045	14
E5272509	Soil			0.6	26.8	10.7	54	<0.1	22.0	11.3	411	2.39	6.0	3.6	3.6	25	0.2	0.6	0.1	59	0.50	0.051	15
E5272510	Soil			0.5	23.9	9.3	48	<0.1	22.6	10.4	406	2.04	6.7	2.6	3.1	30	0.2	0.6	0.1	49	0.57	0.055	14
E5272511	Soil			0.5	23.4	9.4	51	0.1	21.6	10.8	400	2.17	6.4	2.6	2.6	27	0.2	0.5	0.1	56	0.52	0.053	13
E5272512	Soil			0.7	15.2	9.0	42	<0.1	15.6	8.6	225	2.08	6.3	7.3	2.9	24	<0.1	0.5	0.1	52	0.36	0.040	12
E5272513	Soil			0.4	29.4	18.4	65	<0.1	78.8	18.0	602	3.30	4.2	5.6	12.4	21	0.1	0.4	<0.1	64	0.33	0.057	35
E5272514	Soil			4.9	134.7	26.9	446	<0.1	180.1	50.1	2890	6.97	2.9	5.1	21.6	578	0.7	0.6	0.1	115	5.50	0.459	289
E5272515	Soil			13.6	111.5	22.7	694	0.2	275.8	52.4	2656	6.75	11.3	5.7	22.7	243	0.7	0.5	0.2	114	3.35	0.314	133

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



www.acmelab.com

Acme Analytical Laboratories (Vancouver) Ltd.  
 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA  
 PHONE (604) 253-3158

Client: **Klondike Gold Corp.**  
 711 - 675 W. Hastings St.  
 Vancouver BC V6B 1N2 CANADA

Project: Silver City  
 Report Date: September 27, 2013

Page: 3 of 4

Part: 2 of 2

# CERTIFICATE OF ANALYSIS

WHI13000438.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.2
E5272486	Soil	73	0.51	233	0.073	<1	2.24	0.020	0.04	0.1	0.04	9.6	<0.1	<0.05	6	<0.5	<0.2
E5272487	Soil	75	0.53	241	0.071	1	2.37	0.022	0.05	0.1	0.03	10.0	<0.1	<0.05	6	0.6	<0.2
E5272488	Soil	121	1.04	328	0.067	2	4.45	0.018	0.04	0.1	0.02	17.5	<0.1	<0.05	10	<0.5	<0.2
E5272489	Soil	53	1.51	307	0.083	<1	2.85	0.042	0.04	<0.1	<0.01	18.7	<0.1	<0.05	7	0.5	<0.2
E5272490	Soil	20	2.24	295	0.096	1	2.66	0.066	0.15	<0.1	<0.01	7.8	<0.1	<0.05	7	0.6	<0.2
E5272491	Soil	53	2.84	422	0.111	<1	2.72	0.061	0.13	<0.1	<0.01	11.4	<0.1	<0.05	7	<0.5	<0.2
E5272492	Soil	79	1.97	178	0.176	2	1.76	0.059	0.14	<0.1	0.02	7.8	<0.1	<0.05	6	<0.5	<0.2
E5272493	Soil	72	1.81	126	0.145	<1	1.81	0.037	0.15	<0.1	0.02	10.5	<0.1	<0.05	6	<0.5	<0.2
E5272494	Soil	45	2.44	249	0.147	1	2.76	0.076	0.36	<0.1	0.01	6.6	<0.1	<0.05	7	<0.5	<0.2
E5272495	Soil	35	2.57	220	0.131	<1	2.96	0.078	0.25	<0.1	0.01	13.5	<0.1	<0.05	7	<0.5	<0.2
E5272496	Soil	56	3.38	200	0.061	<1	2.41	0.042	0.08	<0.1	<0.01	13.8	<0.1	<0.05	8	<0.5	<0.2
E5272497	Soil	66	2.25	240	0.128	<1	3.16	0.075	0.10	<0.1	0.01	20.7	<0.1	<0.05	7	0.6	<0.2
E5272498	Soil	111	1.34	421	0.076	<1	2.68	0.032	0.06	<0.1	0.04	18.0	<0.1	<0.05	7	1.5	<0.2
E5272499	Soil	110	1.48	452	0.084	<1	3.09	0.045	0.03	<0.1	0.02	17.7	<0.1	<0.05	7	0.9	<0.2
E5272500	Soil	37	0.55	288	0.049	<1	1.58	0.012	0.05	0.1	0.03	7.0	<0.1	<0.05	5	<0.5	<0.2
E5272501	Soil	99	1.02	331	0.056	3	3.03	0.041	0.09	0.1	0.03	14.4	0.1	<0.05	7	0.8	<0.2
E5272502	Soil	104	1.10	384	0.040	2	2.97	0.028	0.09	<0.1	0.03	13.3	<0.1	<0.05	7	0.7	<0.2
E5272503	Soil	54	0.60	176	0.040	2	2.18	0.013	0.06	0.1	0.03	6.1	<0.1	<0.05	6	<0.5	<0.2
E5272504	Soil	59	0.70	182	0.036	1	2.15	0.010	0.05	0.1	0.03	6.5	<0.1	<0.05	6	<0.5	<0.2
E5272505	Soil	68	0.62	238	0.048	2	1.94	0.016	0.04	0.1	0.03	10.4	<0.1	<0.05	5	0.7	<0.2
E5272506	Soil	53	0.55	264	0.043	1	1.74	0.013	0.05	0.2	0.03	6.8	<0.1	<0.05	5	0.7	<0.2
E5272507	Soil	50	0.54	358	0.029	2	1.59	0.011	0.04	0.2	0.04	6.3	<0.1	0.09	4	0.6	<0.2
E5272508	Soil	34	0.47	261	0.044	1	1.30	0.010	0.04	0.2	0.03	5.1	<0.1	<0.05	4	<0.5	<0.2
E5272509	Soil	41	0.59	392	0.032	1	1.47	0.009	0.04	0.2	0.03	5.2	<0.1	<0.05	4	<0.5	<0.2
E5272510	Soil	40	0.57	380	0.030	2	1.32	0.009	0.04	0.2	0.04	4.9	<0.1	<0.05	4	0.5	<0.2
E5272511	Soil	38	0.59	370	0.029	1	1.39	0.007	0.04	0.2	0.04	5.1	<0.1	<0.05	4	0.5	<0.2
E5272512	Soil	30	0.52	236	0.030	<1	1.30	0.006	0.03	0.3	0.04	3.9	<0.1	<0.05	4	0.6	<0.2
E5272513	Soil	181	1.74	291	0.076	<1	2.07	0.005	0.12	0.1	0.02	5.5	0.1	<0.05	7	<0.5	<0.2
E5272514	Soil	151	2.70	600	0.028	2	2.65	0.007	0.08	<0.1	0.04	10.5	0.2	0.07	10	0.7	<0.2
E5272515	Soil	214	2.98	349	0.008	<1	2.98	0.003	0.03	<0.1	0.03	11.9	<0.1	<0.05	11	0.9	<0.2

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



www.acmelab.com

Acme Analytical Laboratories (Vancouver) Ltd.  
 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA  
 PHONE (604) 253-3158

Client: **Klondike Gold Corp.**  
 711 - 675 W. Hastings St.  
 Vancouver BC V6B 1N2 CANADA

Project: Silver City  
 Report Date: September 27, 2013

Page: 4 of 4

Part: 1 of 2

# CERTIFICATE OF ANALYSIS

WHI13000438.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1	1
E5272516	Soil	5.0	97.7	12.7	374	0.1	229.4	50.2	1470	6.95	5.8	3.6	25.4	292	0.2	0.5	<0.1	152	3.62	0.400	161	161
E5272517	Soil	1.0	27.4	8.5	70	<0.1	41.6	13.1	550	2.80	7.1	2.9	4.4	53	0.3	0.6	<0.1	51	1.14	0.085	19	19
E5272518	Soil	2.1	44.7	18.3	113	0.3	68.6	18.1	473	3.48	9.0	3.6	3.5	79	0.6	0.9	<0.1	47	2.50	0.146	29	29
E5272519	Soil	1.4	73.6	8.6	73	0.2	103.5	27.8	535	3.68	12.9	3.2	2.5	48	0.4	0.9	<0.1	54	1.39	0.069	20	20
E5272520	Soil	4.7	67.4	14.9	94	0.3	146.5	25.0	1731	4.64	15.2	3.4	6.2	40	0.9	1.7	0.1	58	0.80	0.135	33	33
E5272521	Soil	0.9	27.9	14.2	60	<0.1	39.9	11.6	357	2.61	8.9	4.0	6.7	25	<0.1	0.6	<0.1	59	0.30	0.034	21	21
E5272522	Soil	0.6	17.2	10.9	55	<0.1	42.8	12.8	481	2.95	9.4	3.6	7.3	17	<0.1	0.6	<0.1	53	0.16	0.022	23	23
E5272523	Soil	0.7	20.1	12.3	45	<0.1	31.1	9.1	217	2.70	9.3	1.7	6.8	13	<0.1	0.6	0.1	53	0.12	0.014	19	19
E5272524	Soil	0.3	24.4	22.7	175	<0.1	37.5	11.7	351	3.22	4.0	1.4	15.3	16	0.3	0.5	<0.1	36	0.23	0.058	66	66
E5272525	Soil	0.2	57.6	33.6	117	<0.1	68.6	18.0	617	4.80	3.3	1.9	14.2	27	0.2	0.5	0.1	39	0.34	0.048	49	49
E5272526	Soil	0.9	29.1	10.7	50	<0.1	28.0	10.7	458	2.84	9.3	3.6	1.9	16	0.2	0.5	0.1	60	0.20	0.063	14	14
E5272527	Soil	0.5	80.3	13.5	150	<0.1	51.7	13.2	904	3.46	3.0	0.8	5.5	21	0.4	0.3	0.1	57	0.40	0.089	21	21
E5272528	Soil	0.9	474.2	28.3	160	0.2	29.8	14.8	873	3.41	4.6	1.3	4.1	19	0.3	0.3	0.9	46	0.23	0.061	16	16
E5272529	Soil	0.5	21.0	23.4	83	<0.1	38.5	11.5	488	2.94	3.5	2.2	10.4	13	0.2	0.3	0.2	43	0.15	0.031	53	53



www.acmelab.com

Acme Analytical Laboratories (Vancouver) Ltd.  
 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA  
 PHONE (604) 253-3158

Client: **Klondike Gold Corp.**  
 711 - 675 W. Hastings St.  
 Vancouver BC V6B 1N2 CANADA

Project: Silver City  
 Report Date: September 27, 2013

Page: 4 of 4

Part: 2 of 2

# CERTIFICATE OF ANALYSIS

WHI13000438.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
E5272516	Soil	249	4.21	177	0.013	<1	4.05	0.003	0.06	<0.1	0.01	11.2	<0.1	<0.05	14	0.6	<0.2
E5272517	Soil	48	0.88	265	0.045	1	1.22	0.013	0.05	0.1	0.03	4.2	<0.1	<0.05	4	<0.5	<0.2
E5272518	Soil	81	1.05	220	0.018	2	1.52	0.008	0.06	<0.1	0.07	4.7	<0.1	<0.05	4	0.7	<0.2
E5272519	Soil	62	0.96	258	0.026	1	1.53	0.010	0.05	0.1	0.05	4.8	<0.1	<0.05	4	<0.5	<0.2
E5272520	Soil	108	0.94	367	0.021	1	1.54	0.005	0.05	0.1	0.09	6.4	<0.1	<0.05	5	0.9	<0.2
E5272521	Soil	71	0.78	320	0.071	1	1.67	0.012	0.06	0.2	0.04	5.7	<0.1	<0.05	5	<0.5	<0.2
E5272522	Soil	80	0.94	253	0.068	2	1.79	0.013	0.14	0.1	0.03	5.3	0.1	<0.05	5	0.8	<0.2
E5272523	Soil	51	0.62	159	0.063	2	1.80	0.005	0.08	0.1	0.03	3.0	0.1	<0.05	5	0.8	<0.2
E5272524	Soil	49	0.85	252	0.066	<1	1.78	0.004	0.34	<0.1	0.02	3.3	0.3	<0.05	6	<0.5	<0.2
E5272525	Soil	101	1.50	237	0.064	<1	2.30	0.007	0.48	<0.1	0.03	6.4	0.5	<0.05	7	<0.5	<0.2
E5272526	Soil	69	0.60	210	0.029	<1	1.44	0.005	0.06	0.2	0.04	5.1	0.1	<0.05	5	0.8	<0.2
E5272527	Soil	151	2.01	596	0.093	<1	2.20	0.004	0.67	<0.1	0.02	5.6	0.4	<0.05	8	0.7	<0.2
E5272528	Soil	73	1.42	366	0.062	5	1.96	0.005	0.18	<0.1	0.03	3.9	0.1	<0.05	6	0.8	<0.2
E5272529	Soil	79	1.23	255	0.071	3	1.64	0.005	0.34	<0.1	<0.01	4.1	0.3	<0.05	6	<0.5	<0.2

# QUALITY CONTROL REPORT

WHI13000438.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1	
Pulp Duplicates																					
E5272458	Soil	1.0	24.9	6.7	51	<0.1	31.3	10.7	327	2.19	5.6	16.6	3.5	20	0.1	0.5	0.2	50	0.30	0.044	15
REP E5272458	QC	0.9	25.0	6.4	54	<0.1	31.7	11.1	306	2.11	5.7	3.4	3.7	20	0.2	0.5	0.2	50	0.30	0.045	14
E5272468	Soil	0.8	62.8	11.3	75	0.1	96.4	28.7	502	4.08	14.2	2.8	8.4	79	<0.1	1.1	0.2	55	1.23	0.128	45
REP E5272468	QC	0.9	59.7	11.4	77	0.1	89.4	27.1	496	4.11	13.7	5.6	8.1	79	<0.1	1.2	0.2	55	1.20	0.129	45
E5272494	Soil	0.8	46.2	2.1	72	<0.1	52.5	30.5	1057	5.78	2.2	2.0	2.0	76	<0.1	<0.1	0.1	139	1.34	0.334	24
REP E5272494	QC	0.8	46.4	2.0	71	<0.1	51.5	28.3	1038	5.64	2.0	2.0	1.9	72	<0.1	<0.1	<0.1	128	1.32	0.351	23
E5272504	Soil	0.7	29.6	9.8	51	<0.1	24.4	11.0	363	3.07	9.2	3.1	2.9	21	0.1	0.6	0.2	85	0.36	0.036	10
REP E5272504	QC	0.7	29.5	9.6	52	<0.1	22.9	11.3	372	3.09	9.4	2.3	2.9	20	<0.1	0.7	0.2	81	0.35	0.036	9
E5272529	Soil	0.5	21.0	23.4	83	<0.1	38.5	11.5	488	2.94	3.5	2.2	10.4	13	0.2	0.3	0.2	43	0.15	0.031	53
REP E5272529	QC	0.5	22.0	22.7	86	<0.1	39.1	11.7	491	2.97	4.0	2.5	10.7	13	0.2	0.3	0.1	44	0.16	0.032	53
Reference Materials																					
STD DS9	Standard	12.6	101.9	123.4	296	1.6	37.2	7.1	546	2.20	24.6	109.5	6.5	67	2.1	5.3	5.5	41	0.64	0.079	14
STD DS9	Standard	12.5	103.4	129.7	302	1.6	37.6	7.5	573	2.27	24.9	108.5	6.3	65	2.6	5.5	5.7	39	0.68	0.081	13
STD DS9	Standard	12.5	121.9	125.7	308	1.9	44.4	8.4	577	2.31	26.5	130.6	5.9	66	2.3	6.0	6.1	47	0.69	0.087	12
STD DS9 Expected		12.84	108	126	317	1.83	40.3	7.6	575	2.33	25.5	118	6.38	69.6	2.4	4.94	6.32	40	0.7201	0.0819	13.3
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	0.8	<0.5	<0.1	<1	<0.1	<0.1	<0.1	2	<0.01	<0.001	<1

## QUALITY CONTROL REPORT

WHI13000438.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																	
E5272458	Soil	41	0.57	214	0.076	2	1.47	0.007	0.04	0.1	0.02	4.0	<0.1	<0.05	4	<0.5	<0.2
REP E5272458	QC	41	0.61	210	0.073	2	1.42	0.007	0.04	0.1	0.02	4.5	<0.1	<0.05	4	<0.5	<0.2
E5272468	Soil	123	1.59	153	0.018	2	1.76	0.004	0.06	<0.1	0.03	7.1	<0.1	0.08	7	0.7	<0.2
REP E5272468	QC	120	1.50	157	0.017	1	1.68	0.004	0.06	<0.1	0.02	7.1	<0.1	0.06	7	<0.5	<0.2
E5272494	Soil	45	2.44	249	0.147	1	2.76	0.076	0.36	<0.1	0.01	6.6	<0.1	<0.05	7	<0.5	<0.2
REP E5272494	QC	42	2.52	247	0.146	2	2.84	0.075	0.33	<0.1	0.01	6.6	<0.1	<0.05	7	<0.5	<0.2
E5272504	Soil	59	0.70	182	0.036	1	2.15	0.010	0.05	0.1	0.03	6.5	<0.1	<0.05	6	<0.5	<0.2
REP E5272504	QC	60	0.69	178	0.030	<1	2.22	0.010	0.05	<0.1	0.02	6.3	<0.1	<0.05	6	0.5	<0.2
E5272529	Soil	79	1.23	255	0.071	3	1.64	0.005	0.34	<0.1	<0.01	4.1	0.3	<0.05	6	<0.5	<0.2
REP E5272529	QC	80	1.20	261	0.073	2	1.64	0.004	0.37	<0.1	<0.01	4.5	0.3	<0.05	5	<0.5	<0.2
Reference Materials																	
STD DS9	Standard	117	0.56	278	0.112	3	0.90	0.084	0.36	2.8	0.17	2.4	4.9	0.20	4	4.8	4.5
STD DS9	Standard	118	0.60	292	0.108	2	0.93	0.079	0.37	2.9	0.21	2.5	5.2	0.23	4	5.6	5.2
STD DS9	Standard	133	0.63	303	0.104	2	0.92	0.082	0.40	3.1	0.18	2.2	5.4	0.18	4	6.0	5.3
STD DS9 Expected		121	0.6165	295	0.1108		0.9577	0.0853	0.395	2.89	0.2	2.5	5.3	0.1615	4.59	5.2	5.02
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2



www.acmelab.com

Acme Analytical Laboratories (Vancouver) Ltd.  
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA  
PHONE (604) 253-3158

Client: **Klondike Gold Corp.**  
711 - 675 W. Hastings St.  
Vancouver BC V6B 1N2 CANADA

Submitted By: Sandro Frizzi  
Receiving Lab: Canada-Whitehorse  
Received: July 22, 2013  
Report Date: August 08, 2013  
Page: 1 of 2

## CERTIFICATE OF ANALYSIS

WHI13000170.1

### CLIENT JOB INFORMATION

Project: Silver City  
Shipment ID: KGS-13-001  
P.O. Number  
Number of Samples: 2

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	2	Crush, split and pulverize 250 g rock to 200 mesh			WHI
1DX2	2	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

### SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days  
DISP-RJT Dispose of Reject After 90 days

### ADDITIONAL COMMENTS

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

Invoice To: Klondike Gold Corp.  
711 - 675 W. Hastings St.  
Vancouver BC V6B 1N2  
CANADA

CC: Katie Dodd  
Bill Hann



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted. \*\*\* asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



www.acmelab.com

Acme Analytical Laboratories (Vancouver) Ltd.

9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA

PHONE (604) 253-3158

**Client:** Klondike Gold Corp.  
711 - 675 W. Hastings St.  
Vancouver BC V6B 1N2 CANADA

**Project:** Silver City  
**Report Date:** August 08, 2013

**Page:** 2 of 2

**Part:** 1 of 2

# CERTIFICATE OF ANALYSIS

WHI13000170.1

Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1959885	Rock	0.48	0.2	145.4	17.3	84	<0.1	21.7	11.0	803	5.36	15.0	4.4	0.1	127	0.2	0.9	<0.1	12	9.78	0.014
1959886	Rock	1.67	0.2	7513	7.6	74	1.9	24.1	12.4	2621	5.53	31.8	9.0	0.3	333	0.4	223.7	0.2	16	13.23	0.022



www.acmelab.com

Acme Analytical Laboratories (Vancouver) Ltd.

9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA

PHONE (604) 253-3158

**Client:** Klondike Gold Corp.  
711 - 675 W. Hastings St.  
Vancouver BC V6B 1N2 CANADA

**Project:** Silver City  
**Report Date:** August 08, 2013

**Page:** 2 of 2

**Part:** 2 of 2

# CERTIFICATE OF ANALYSIS

WHI13000170.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Analyte	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
Unit																		
MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
1959885	Rock	4	3	3.58	8	<0.001	<1	0.10	0.006	<0.01	<0.1	<0.01	5.2	<0.1	<0.05	<1	<0.5	<0.2
1959886	Rock	1	7	6.08	38	<0.001	<1	0.06	0.006	0.03	<0.1	0.04	4.2	<0.1	0.36	<1	1.2	<0.2

## QUALITY CONTROL REPORT

WHI13000170.1

Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
Pulp Duplicates																					
1959886	Rock	1.67	0.2	7513	7.6	74	1.9	24.1	12.4	2621	5.53	31.8	9.0	0.3	333	0.4	223.7	0.2	16	13.23	0.022
REP 1959886	QC		0.2	7507	7.7	75	2.0	23.8	11.9	2615	5.42	31.3	9.1	0.3	337	0.4	230.1	0.2	16	13.27	0.023
Reference Materials																					
STD DS9	Standard		12.9	112.8	127.0	304	1.7	38.8	7.6	559	2.30	25.0	114.9	6.4	66	2.1	5.4	6.4	40	0.70	0.079
STD DS9 Expected			12.84	108	126	317	1.83	40.3	7.6	575	2.33	25.5	118	6.38	69.6	2.4	4.94	6.32	40	0.7201	0.0819
BLK	Blank		<0.1	3.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
Prep Wash																					
G1-WHI	Prep Blank		1.5	3.7	25.0	45	0.2	1.9	4.1	519	1.80	1.3	4.4	5.0	49	<0.1	0.2	0.1	35	0.45	0.073

## QUALITY CONTROL REPORT

WHI13000170.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																		
1959886	Rock	1	7	6.08	38	<0.001	<1	0.06	0.006	0.03	<0.1	0.04	4.2	<0.1	0.36	<1	1.2	<0.2
REP 1959886	QC	1	7	6.05	39	<0.001	2	0.06	0.007	0.03	<0.1	0.05	4.1	<0.1	0.37	<1	0.7	<0.2
Reference Materials																		
STD DS9	Standard	13	118	0.61	284	0.111	3	0.92	0.081	0.39	3.2	0.18	2.3	4.9	0.16	4	5.1	4.4
STD DS9 Expected		13.3	121	0.6165	295	0.1108		0.9577	0.0853	0.395	2.89	0.2	2.5	5.3	0.1615	4.59	5.2	5.02
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
Prep Wash																		
G1-WHI	Prep Blank	10	6	0.47	149	0.104	<1	0.87	0.084	0.48	0.1	<0.01	2.3	0.3	<0.05	4	<0.5	<0.2



www.acmelab.com

Acme Analytical Laboratories (Vancouver) Ltd.  
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA  
PHONE (604) 253-3158

Client: **Klondike Gold Corp.**  
711 - 675 W. Hastings St.  
Vancouver BC V6B 1N2 CANADA

Submitted By: Katie Dodd  
Receiving Lab: Canada-Whitehorse  
Received: September 18, 2013  
Report Date: October 07, 2013  
Page: 1 of 2

## CERTIFICATE OF ANALYSIS

WHI13000437.1

### CLIENT JOB INFORMATION

Project: Silver City  
Shipment ID:  
P.O. Number  
Number of Samples: 18

### SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days  
PICKUP-RJT Client to Pickup Rejects

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

Invoice To: Klondike Gold Corp.  
711 - 675 W. Hastings St.  
Vancouver BC V6B 1N2  
CANADA

CC: Bill Mann

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	18	Crush, split and pulverize 250 g rock to 200 mesh			WHI
3B	18	Fire assay fusion Au by ICP-ES	30	Completed	VAN
1DX	18	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN

### ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted. \*\*\* asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

# CERTIFICATE OF ANALYSIS

WHI13000437.1

Method	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
5272410	Rock	0.87	<2	1.7	45.6	3.2	95	<0.1	151.8	40.8	1356	4.07	2.7	1.8	1.2	63	0.4	0.3	<0.1	78	1.07
5272411	Rock	0.35	4	9.1	23.2	6.8	53	0.1	56.2	8.9	337	2.33	9.0	3.3	1.8	21	0.2	1.0	0.1	27	0.25
5272412	Rock	0.93	<2	0.4	10.3	2.3	30	<0.1	19.1	8.4	423	1.73	1.0	0.8	6.1	7	0.2	<0.1	0.1	13	0.14
5272413	Rock	0.53	13	5.8	106.9	9.9	141	0.5	50.4	13.3	507	2.20	5.5	4.2	3.2	10	2.6	1.0	0.2	16	0.02
5272414	Rock	0.54	<2	<0.1	93.1	7.0	67	<0.1	52.7	36.5	807	4.91	0.7	1.7	1.8	47	<0.1	0.2	<0.1	79	0.59
5272415	Rock	0.61	<2	0.2	96.5	9.1	61	<0.1	71.6	38.6	1040	5.60	8.3	<0.5	2.8	34	<0.1	0.2	<0.1	128	0.54
5272416	Rock	1.05	<2	0.4	4.7	12.2	36	<0.1	5.4	3.7	287	1.51	2.2	0.8	5.9	14	<0.1	0.3	<0.1	13	0.10
5272417	Rock	0.34	<2	0.2	81.8	6.8	37	<0.1	15.8	12.1	289	2.22	2.2	1.5	2.7	221	<0.1	0.5	<0.1	193	2.91
5272418	Rock	0.74	<2	0.8	8.7	63.7	14	0.2	7.5	3.4	641	1.58	1.5	<0.5	1.0	7	0.1	0.3	0.3	3	0.12
5272419	Rock	0.95	<2	0.1	7.5	9.8	46	<0.1	1.4	1.4	117	1.30	2.5	<0.5	6.1	10	<0.1	0.5	0.1	8	0.09
5272420	Rock	0.51	<2	0.4	2.9	7.7	30	<0.1	5.7	2.5	233	1.41	<0.5	<0.5	4.1	6	<0.1	0.3	<0.1	8	0.08
5272421	Rock	0.37	<2	<0.1	9.9	28.1	20	0.1	0.7	1.7	139	1.09	15.9	5.0	4.4	51	0.2	1.2	0.3	3	0.69
5272422	Rock	0.71	<2	0.1	12.7	7.6	27	<0.1	21.9	8.8	289	1.71	2.1	1.8	7.2	23	<0.1	0.2	<0.1	30	0.25
5272423	Rock	0.78	<2	0.2	38.8	10.0	43	<0.1	21.4	14.7	330	2.58	2.9	3.8	9.0	53	<0.1	0.3	<0.1	59	0.53
5272424	Rock	2.20	<2	5.0	34.5	13.7	117	<0.1	202.1	32.1	2095	5.62	43.3	<0.5	1.2	183	0.6	0.5	0.1	48	12.19
5272425	Rock	0.67	<2	0.5	48.0	14.9	49	<0.1	26.1	14.3	2970	2.76	7.1	<0.5	8.4	2724	0.5	0.2	<0.1	34	26.07
5272426	Rock	0.44	<2	0.3	51.8	44.8	35	0.2	160.5	25.4	633	3.41	1.3	<0.5	1.6	440	<0.1	<0.1	0.4	62	5.18
5272427	Rock	0.61	2	<0.1	0.9	0.3	2	<0.1	3.0	0.3	53	0.27	2.3	<0.5	<0.1	11	<0.1	<0.1	<0.1	<2	0.10

# CERTIFICATE OF ANALYSIS

WHI13000437.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	TI	S	Sc	Se	Ga	Te	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	0.1	0.5	1	0.2	
5272410	Rock	0.137	5	214	2.18	110	0.312	<20	2.61	0.020	0.04	<0.1	0.03	<0.1	<0.05	4.4	<0.5	7	<0.2
5272411	Rock	0.037	6	97	0.40	80	0.068	<20	0.61	0.015	0.05	<0.1	0.10	<0.1	<0.05	1.6	<0.5	2	<0.2
5272412	Rock	0.022	10	8	1.19	71	0.004	<20	1.25	<0.001	0.04	<0.1	0.01	<0.1	<0.05	1.8	<0.5	3	<0.2
5272413	Rock	0.019	9	20	0.44	107	0.003	<20	0.88	0.005	0.09	<0.1	0.22	0.2	<0.05	2.2	0.6	2	<0.2
5272414	Rock	0.026	4	128	3.73	177	0.210	<20	3.74	0.002	0.09	0.1	0.01	<0.1	<0.05	6.4	<0.5	5	<0.2
5272415	Rock	0.053	6	178	3.81	109	0.092	<20	4.01	0.009	0.04	<0.1	<0.01	<0.1	<0.05	13.1	<0.5	7	<0.2
5272416	Rock	0.016	12	4	0.17	216	0.006	<20	0.88	0.043	0.21	<0.1	0.01	<0.1	<0.05	3.4	<0.5	3	<0.2
5272417	Rock	0.039	8	68	0.85	386	0.042	<20	4.98	0.494	0.07	<0.1	0.01	<0.1	<0.05	11.0	<0.5	10	<0.2
5272418	Rock	0.037	3	6	0.03	31	0.002	<20	0.12	0.016	0.01	<0.1	<0.01	<0.1	<0.05	1.6	<0.5	<1	<0.2
5272419	Rock	0.025	11	2	0.18	138	0.004	<20	0.95	0.043	0.10	<0.1	<0.01	<0.1	<0.05	2.4	<0.5	2	<0.2
5272420	Rock	0.038	12	12	0.25	29	0.001	<20	0.55	0.016	0.02	<0.1	0.02	<0.1	<0.05	1.4	<0.5	2	<0.2
5272421	Rock	0.011	8	<1	0.08	282	0.065	<20	0.72	0.008	0.23	0.2	0.01	<0.1	0.20	2.0	<0.5	2	<0.2
5272422	Rock	0.038	16	42	0.66	150	0.034	<20	0.89	0.023	0.15	<0.1	<0.01	<0.1	<0.05	3.8	<0.5	3	<0.2
5272423	Rock	0.074	16	32	1.11	186	0.116	<20	1.50	0.032	0.22	0.1	<0.01	<0.1	<0.05	4.3	<0.5	5	<0.2
5272424	Rock	0.174	12	177	1.61	229	0.005	<20	1.43	<0.001	0.09	<0.1	<0.01	<0.1	<0.05	7.2	<0.5	5	<0.2
5272425	Rock	0.550	63	14	1.38	45	0.005	<20	0.80	0.006	<0.01	<0.1	<0.01	<0.1	0.14	4.1	<0.5	3	<0.2
5272426	Rock	0.096	11	208	4.84	12	0.004	<20	2.13	<0.001	<0.01	<0.1	<0.01	<0.1	<0.05	8.5	<0.5	5	<0.2
5272427	Rock	0.004	1	6	<0.01	5	<0.001	<20	0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.05	0.3	<0.5	<1	<0.2

# QUALITY CONTROL REPORT

WHI13000437.1

Method	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
Pulp Duplicates																					
REP G1-WHI	QC		<0.1	2.1	2.7	46	<0.1	2.9	4.1	581	1.96	<0.5	<0.5	4.2	59	<0.1	<0.1	<0.1	35	0.44	
5272412	Rock	0.93	<2	0.4	10.3	2.3	30	<0.1	19.1	8.4	423	1.73	1.0	0.8	6.1	7	0.2	<0.1	0.1	13	0.14
REP 5272412	QC		<2																		
Core Reject Duplicates																					
5272415	Rock	0.61	<2	0.2	96.5	9.1	61	<0.1	71.6	38.6	1040	5.60	8.3	<0.5	2.8	34	<0.1	0.2	<0.1	128	0.54
DUP 5272415	QC		<2	0.1	96.6	9.3	62	<0.1	68.1	38.2	1048	5.49	8.8	<0.5	2.6	33	<0.1	0.3	<0.1	127	0.54
Reference Materials																					
STD DS9	Standard			12.7	103.6	128.3	323	1.9	38.2	7.9	571	2.35	24.4	94.6	6.2	70	2.4	4.9	6.5	41	0.72
STD OREAS45EA	Standard			1.2	682.7	14.1	33	0.3	378.4	53.4	394	23.76	10.1	58.8	9.5	4	<0.1	0.2	0.3	313	0.03
STD OXC109	Standard			215																	
STD OXI96	Standard			1829																	
STD DS9 Expected				12.84	108	126	317	1.83	40.3	7.6	575	2.33	25.5	118	6.38	69.6	2.4	4.94	6.32	40	0.7201
STD OREAS45EA Expected				1.39	709	14.3	28.9	0.26	381	52	400	23.51	9.1	53	10.7	3.5	0.02	0.2	0.26	303	0.036
STD OXC109 Expected				201																	
STD OXI96 Expected				1802																	
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank		<2																		
BLK	Blank		3																		
Prep Wash																					
G1-WHI	Prep Blank		<2	<0.1	2.2	2.3	47	<0.1	3.3	3.9	558	1.94	<0.5	4.3	3.8	55	<0.1	<0.1	<0.1	37	0.41
G1-WHI	Prep Blank		<2																		
G1-WHI	Prep Blank		<0.1	1.9	2.7	48	<0.1	3.2	3.7	574	1.94	<0.5	0.8	4.5	58	<0.1	<0.1	<0.1	34	0.44	

## QUALITY CONTROL REPORT

WHI13000437.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Tl	S	Sc	Se	Ga	Te	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	0.1	0.5	1	0.2	
Pulp Duplicates																			
REP G1-WHI	QC	0.077	8	7	0.58	221	0.112	<20	0.95	0.051	0.46	<0.1	<0.01	0.3	<0.05	2.3	<0.5	5	<0.2
5272412	Rock	0.022	10	8	1.19	71	0.004	<20	1.25	<0.001	0.04	<0.1	0.01	<0.1	<0.05	1.8	<0.5	3	<0.2
REP 5272412	QC																		
Core Reject Duplicates																			
5272415	Rock	0.053	6	178	3.81	109	0.092	<20	4.01	0.009	0.04	<0.1	<0.01	<0.1	<0.05	13.1	<0.5	7	<0.2
DUP 5272415	QC	0.051	6	177	3.76	104	0.088	<20	3.93	0.009	0.04	<0.1	0.01	<0.1	<0.05	12.5	<0.5	7	<0.2
Reference Materials																			
STD DS9	Standard	0.075	13	114	0.61	305	0.106	<20	0.95	0.079	0.39	2.7	0.34	5.2	0.17	2.3	3.8	4	5.5
STD OREAS45EA	Standard	0.029	7	839	0.11	142	0.090	<20	3.32	0.019	0.06	<0.1	0.02	<0.1	<0.05	80.2	1.1	13	<0.2
STD OXC109	Standard																		
STD OXI96	Standard																		
STD DS9 Expected		0.0819	13.3	121	0.6165	330	0.1108		0.9577	0.0853	0.395	2.89	0.2	5.3	0.1615	2.5	5.2	4.59	5.02
STD OREAS45EA Expected		0.029	6.57	849	0.095	148	0.0875		3.13	0.02	0.053			0.072	0.036	78	0.6	11.7	0.07
STD OXC109 Expected																			
STD OXI96 Expected																			
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.05	<0.1	<0.5	<1	<0.2
BLK	Blank																		
BLK	Blank																		
Prep Wash																			
G1-WHI	Prep Blank	0.075	8	6	0.56	227	0.118	<20	0.92	0.062	0.48	<0.1	0.02	0.2	<0.05	2.4	<0.5	4	<0.2
G1-WHI	Prep Blank																		
G1-WHI	Prep Blank	0.081	8	7	0.57	216	0.114	<20	0.94	0.050	0.46	<0.1	<0.01	0.3	<0.05	2.7	<0.5	5	<0.2