

2013 GEOCHEMICAL ASSESSMENT REPORT

ON THE BONANZA PROJECT

CLAIMS:

Reef 78 YA88366

Klondike 2,4,6 YC16217-YC16221 Klondike 9-14 YC16224-YC16229
Klondike 20-29 YC16235-YC16244 Klondike 62-73 YC16277-YC16288
Klondike 78-79 YC16293-YC16294 Klondike 97-102 YC16312-YC16317
Klondike 109-114 YC16324-YC16329 Klondike 133-136 YC16348-YC16351
Klondike 149-151 YC16364-YC16366 Klondike 171-182 YC16386-YC16397
Klondike 187-188 YC16402-YC16403 Klondike 247-258 YC16462-YC16473
Klondike 302-329 YC16517-YC16544 Klondike 351-376 YC16566-YC16591
Klondike 393-401 YC16607-YC16615 Klondike 403-419 odds YC16617-YC16633
Klondike 424 YC16638 Klondike 426-433 YC16640-YC16647
Klondike 505-506 YC16719-YC16720 IF 2- 20 YD28172- YD28190
IF 31- 35 YD72671- YD72675 IF 21- 30, 1 YE31371- YE31381
Gap 1-20 YC20727-YC20746 Gap 25, 27, 29 YC20751, 753, YC20755
BR 1-10 YC30853-YC30862 BR 12-32 YC30864-YC36884
Bar 1-10 YC44883-YC44892 Giga 1-39 YC45083-YC45121

CLAIM OWNERS: KLONDIKE GOLD CORP. & KLONDIKE STAR MINERAL CORP.

DAWSON MINING DISTRICT

NTS MAP SHEET 115O/14 and 116B/03

CENTER COORDINATES OF THE CLAIM GROUP: 588000 E, 7093000 N NAD 83 UTM ZONE 7

FIELD WORK PERFORMED:

AUGUST 1, 2, 4, 19-24, 27-30 AND SEPTEMBER 1, 4, 5, 8, 2013

BY: I. MITCHELL, W. MANN, AND K. DODD

TABLE OF CONTENTS

1.0	EXECUTIVE SUMMARY	3
2.0	INTRODUCTION	4
3.0	PROPERTY DESCRIPTION AND LOCATION	5
4.0	ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY	8
5.0	HISTORY	10
6.0	GEOLOGICAL SETTING AND MINERALIZATION.....	13
6.1	YUKON-TANANA TERRANE.....	13
6.2	REGIONAL GEOLOGY	13
6.3	STRUCTURAL GEOLOGY	13
6.4	QUARTZ VEIN SYSTEM OF THE KLONDIKE AND MINERALIZATION.....	14
6.5	QUATERNARY GEOLOGY.....	15
7.0	DEPOSIT TYPES	17
8.0	ADJACENT PROPERTIES.....	17
9.0	AUGUST 2013 EXPLORATION	17
9.1	REGIONAL RIDGE AND SPUR SAMPLING AND PROSPECTING.....	17
9.2	PLACER CUT SITE VISITS	20
10.0	SAMPLE PREPARATION, QUALITY ASSURANCE AND QUALITY CONTROL, ANALYSIS,	
	AND SECURITY	23
11.0	INTERPRETATION AND CONCLUSIONS	23
12.0	RECOMMENDATIONS	25
12.1	FURTHER EXPLORATION	25
12.2	LAND PACKAGE.....	25
12.3	DATA COMPILATION.....	25
	REFERENCES	27

LIST OF FIGURES

1.	LOCATION MAP	6
2.	BONANZA CLAIMS AND SAMPLE LOCATIONS	7
3.	PHYSIOGRAPHY OF THE CLAIMS (PHOTO)	9
4.	REGIONAL GEOLOGICAL MAP	16
5.	SOIL SAMPLE EXAMPLE (PHOTO)	18
6.	ROCK SAMPLE EXAMPLE (PHOTO)	19
7.	2013 SOIL SAMPLE RESULTS MAP	21
8.	2013 ROCK SAMPLE RESULTS MAP	22

LIST OF TABLES

1.	SUMMARY OF 2013 WORK ON THE BONANZA PROPERTY	3
2.	2013 BONANZA PROPERTY CLAIM SUMMARY	5
3.	BONANZA PROPERTY SOIL SAMPLE ELEMENT ASSOCIATIONS	23

LIST OF APPENDICES

I	STATEMENT OF QUALIFICATIONS
II	STATEMENT OF EXPENDITURES
III	ROCK METADATA
IV	ROCK ANALYTICAL CERTIFICATES
V	SOIL METADATA
VI	SOIL ANALYTICAL CERTIFICATES

1.0 EXECUTIVE SUMMARY

During the 2013 exploration season Klondike Gold Corp. conducted soil and rock sampling, and prospecting on the Bonanza Property in the northern Klondike area, Yukon. The project is a joint venture between Klondike Gold Corp, the operator, and Klondike Star Mineral Corp. The claims cover an area that has produced substantial quantities of placer gold from the local streams, with placer mining continuing to present on Last Chance, Lindow, and Bear Creeks. Prospecting for the bedrock source of gold has occurred sporadically since 1896, with minor gold occurrences identified within and adjacent to the claims.

The focus of the exploration program was; to perform property wide ridge and spur sampling using C horizon sampling and to perform site visits to all active placer cuts. Property expenditures were limited to required assessment costs for one year. The table below is a summary of 2013 work on the Bonanza Property:

SUMMARY OF 2013 WORK ON THE BONANZA PROPERTY

Location	Work Type	Details
Regional Ridge and Spur Soil Samples	Soil Sampling	218 Soil Samples
Prospecting and Rock Sampling	Rock Sampling/Prospecting	93 Rock Samples
Total		218 Soil Samples, 93 Rock Samples

Assay results from regional ridge and spur soil samples as well as rock samples indicate a northwest trend of anomalous gold at the ridge road Heritage Trail (Claims Klondike 99 and Reef 78) that is in the catchment of the placer gold deposits of Lindow and Last Chance Creeks. Based on the 2013 program results this is the area of highest priority for further exploration and land acquisition.

Historic adits reported at the Maclean minfile occurrence and one kilometer east of the Virgin mine (“Gordon”) should be located and investigated. These prospects were not visited during the 2013 season due to difficult access and time constraints and a site visit should be a priority of further exploration.

There are parts of the claim block that have seen very little modern exploration, as noted in the 2012 Assessment report on the property. The regional program was successful in testing a broad area of the property; however some areas of the property remain significantly under explored especially in areas of difficult terrain and access.

2.0 INTRODUCTION

Exploration of the Bonanza Property was completed in 30 person days on August 1, 2, 4, 19-24, 27-30 and September 1, 4, 5, and 8, 2013. All field work was completed by I. Mitchell, Contract Geologist, K. Dodd, Contract Geologist, and F. Vidmar, Prospector.

The focus of the exploration program was; to perform property wide ridge and spur soil sampling using C horizon sampling with concurrent prospecting and rock sampling and to perform site visits to all active placer cuts. Property expenditures were limited to required assessment costs for one year.

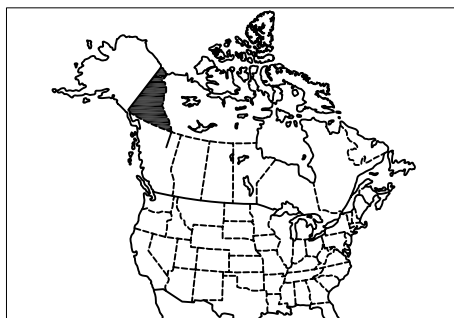
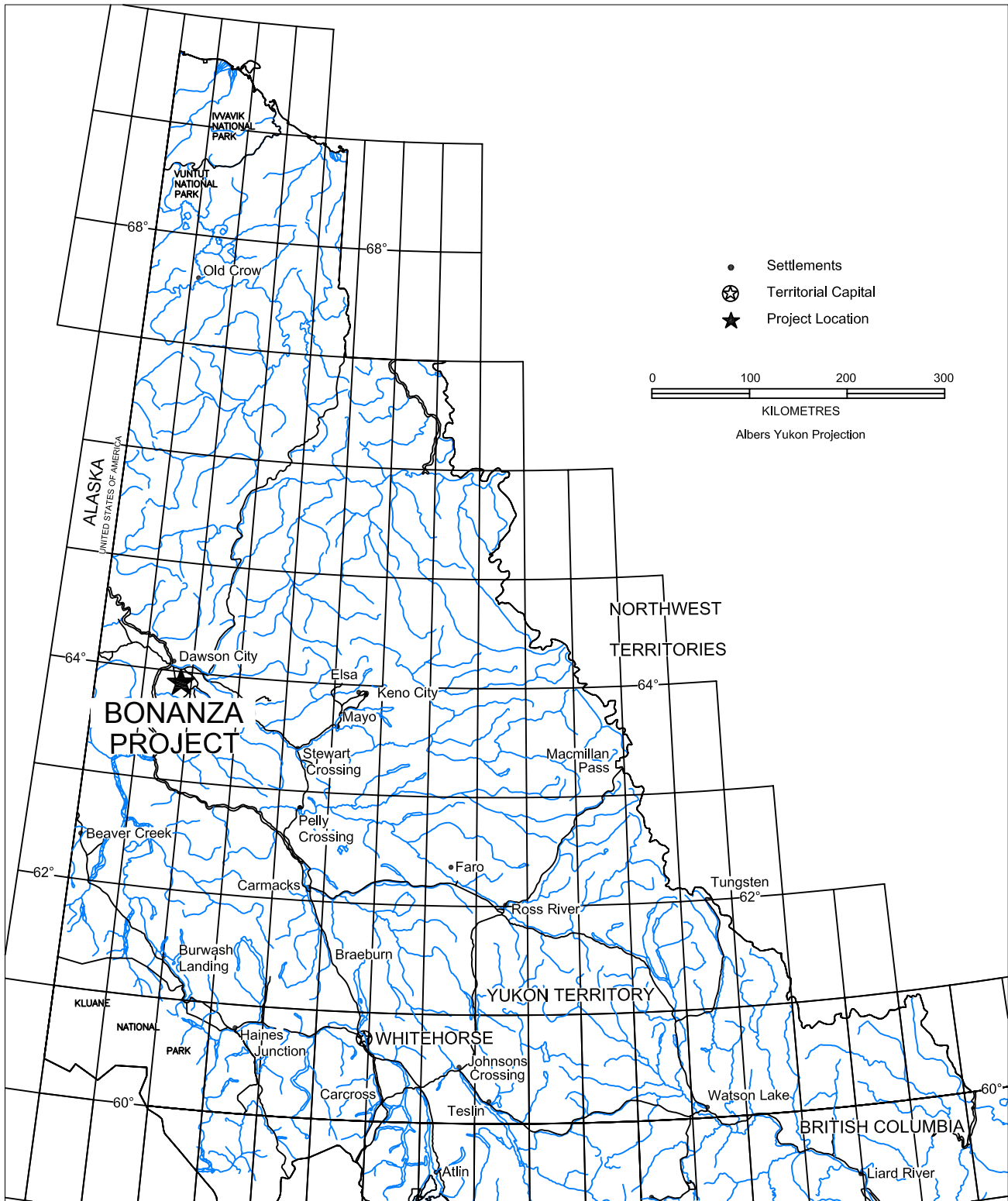
This report is to cover 2013 assessment filings for the Bonanza group of claims, a contiguous block of 300 claims that extends from the Klondike Valley in the north to the Upper Bonanza Creek drainage, and lies between Hunker Creek to the east and Bonanza Creek to the west. The primary author, I. Mitchell, working as a consulting geologist, oversaw the exploration program on the claims.

3.0 PROPERTY DESCRIPTION AND LOCATION

The Bonanza Project consists of a main block of claims bounded by the Klondike River to the north, Bonanza Creek to the west, Hunker Creek to the east and Independence Creek and Upper Bonanza Creek to the South. The claims lie on NTS map sheets 1150/14 and 116B/3 within the Dawson mining district. Locations on the property are located by handheld GPS, using NAD 83 UTM coordinates. Property and claim location can be found in figures 1 and 2. Table 2 below summarizes the Bonanza Property claim block.

TABLE 2: 2013 BONANZA PROPERTY CLAIM SUMMARY:

Reef 78	YA88366	Klondike Gold Corp. (100%)	1150/14
Klondike 2,4,6	YC16217-YC16221	Klondike Star Mineral Corp (100%)	1150/14
Klondike 9-14	YC16224-YC16229	Klondike Star Mineral Corp (100%)	1150/14
Klondike 20-29	YC16235-YC16244	Klondike Star Mineral Corp (100%)	1150/14
Klondike 62-73	YC16277-YC16288	Klondike Star Mineral Corp (100%)	1150/14
Klondike 78-79	YC16293-YC16294	Klondike Star Mineral Corp (100%)	1150/14
Klondike 97-102	YC16312-YC16317	Klondike Star Mineral Corp (100%)	1150/14
Klondike 109-114	YC16324-YC16329	Klondike Star Mineral Corp (100%)	1150/14
Klondike 133-136	YC16348-YC16351	Klondike Star Mineral Corp (100%)	1150/14
Klondike 149-151	YC16364-YC16366	Klondike Star Mineral Corp (100%)	1150/14
Klondike 171-182	YC16386-YC16397	Klondike Star Mineral Corp (100%)	1150/14
Klondike 187-188	YC16402-YC16403	Klondike Star Mineral Corp (100%)	1150/14
Klondike 247-258	YC16462-YC16473	Klondike Star Mineral Corp (100%)	1150/14
Klondike 302-329	YC16517-YC16544	Klondike Star Mineral Corp (100%)	1150/14
Klondike 351-376	YC16566-YC16591	Klondike Star Mineral Corp (100%)	1150/14
Klondike 393-401	YC16607-YC16615	Klondike Star Mineral Corp (100%)	1150/14
Klondike 403-419odds	YC16617-YC16633	Klondike Star Mineral Corp (100%)	1150/14
Klondike 424	YC16638	Klondike Star Mineral Corp (100%)	1150/14
Klondike 426-433	YC16640-YC16647	Klondike Star Mineral Corp (100%)	1150/14
Klondike 505-506	YC16719-YC16720	Klondike Star Mineral Corp (100%)	1150/14
IF 2-20	YD28172- YD28190	Klondike Gold Corp. (100%)	1150/14
IF 31- 35	YD72671- YD72675	Klondike Gold Corp. (100%)	1150/14
IF 21- 30, 1	YE31371- YE31381	Klondike Gold Corp. (100%)	1150/14
Gap 1-20	YC20727-YC20746	Klondike Star Mineral Corp (100%)	1150/14
Gap 25, 27,29	YC20751, 753,755	Klondike Star Mineral Corp (100%)	1150/14
BR 1-10	YC30853-YC30862	Klondike Gold Corp. (100%)	116B/03
BR 12-32	YC30864-YC36884	Klondike Gold Corp. (100%)	116B/03
Bar 1-8	YC44883-YC44890	Klondike Star Mineral Corp (100%)	1150/14
Bar 9-10	YC44891-YC44892	Klondike Star Mineral Corp (100%)	116B/03
Giga 1-39	YC45083-YC45121	Klondike Star Mineral Corp (100%)	1150/14

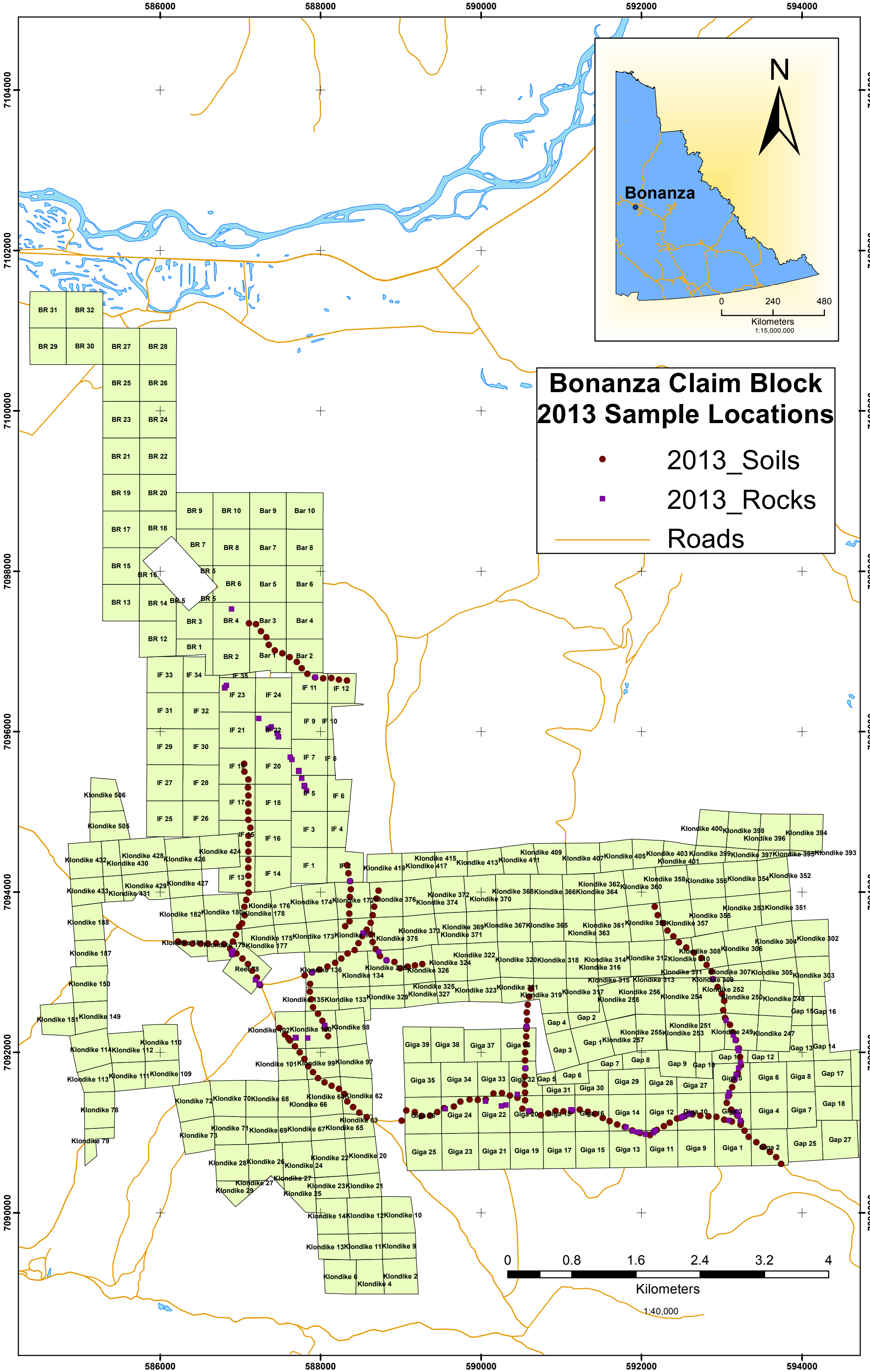


KLONDIKE GOLD CROP.
Bonanza Project
Location Map

SCALE: 1 : 6,000,000

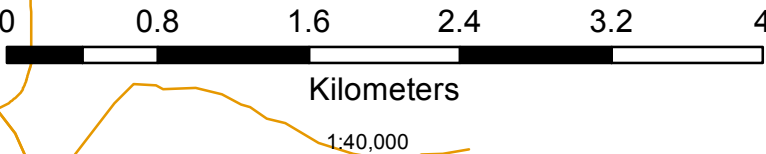
DATE: OCTOBER 15, 2007

FIGURE 1



Bonanza Claim Block 2013 Sample Locations

- 2013_Soils
- 2013_Rocks
- Roads



4.0 ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY

The Klondike region consists of rugged topography of rounded hills and V-section valleys since this region was not recently glaciated. The hills have therefore a more subdued profile than the eastern Yukon, with cliffs being only prominent along the Yukon River valley. Weathering of the region has had a lengthy history, resulting in few natural fresh rock exposures. The Bonanza Project is situated in the Yukon Plateau ecoregion, part of the Boreal Cordillera ecozone (Smith et al, 2004).

Dawson City is on the Yukon River at 1050' (320 m) elevation and the highest region near to the claims, King Solomon Dome, is at 4032' (1229 m). The highest points on the claims are about 1060 m. The region surrounding the claims has been historically denuded of large timber by cutting to either supply mines and fuel boilers or by forest fires, and is now covered by regrowth of spruce, poplar, birch and alder. Only the very highest ridges are covered by dwarf willow and birch ("buckbrush").

The Klondike Gold Fields have been the target of prospectors and placer gold miners since 1896. The region therefore, is very accessible by road and trail. Dawson City is approximately 480 km from Whitehorse along the Klondike Highway which is a completely sealed two-lane road. A 5000' x 100' gravel surface lighted Yukon Government airfield at 1214' (370 m) elevation is located in the Klondike River valley. Dawson is served by a scheduled service of twin-engine 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 has a number of access points. The Hunker Creek/Upper Bonanza Creek road is a loop which provides access to the large southern block of Klondike, Reef, Gap and Giga claims. Bear Creek road via the Bear Creek Subdivision provides access to the northern block of BR, Bar, and IF claims. All of these roads are 2-wheel drive dirt and gravel roads accessed from the Klondike Highway and have significant traffic. Dirt trails requiring 4 wheel drive or ATV branch from the main roads and provide a network which allows relatively easy access by vehicles and equipment to ridge and spur areas on the claim block.

The property is within Central Yukon Basin climatic zone, characterized by a sub-arctic climate, with normally low annual precipitation (approximately 400 mm total precipitation). The workable exploration season extends from mid May until mid 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, with some years being sufficiently dry to cause water supply problems for placer mining operations.

FIGURE 3: PHYSIOGRAPHY OF THE CLAIMS.



*Looking northwest over the headwaters of Last Chance Creek.
Note lack of outcrop, thick vegetation, gentle unglaciated terrane, and placer cut and access trails.*

5.0 HISTORY

- 1896: Start of placer exploration and mining, along with quartz exploration. Bear Creek and Last Chance Creek drainages which underlie much of the Bonanza claim group have been major placer gold producers, with mining continuing to the present.
- 1900- 1908: Staking of claim and driving of 8.2 m adit on the Golden Age claim near the mouth of Bear Creek (Minfile 116B 008 Maclean).
- 1901- 1908: Staking and initial underground exploration of gold quartz veins near Discovery Pup – Bear Creek (Minfile 116B 007 Virgin). This mine is currently on two GUS claims owned by a competitor and surrounded by claims of the Bonanza project.
- 1911: The Homestake, Fortune, etc claims (Minfile 115O 127 - Lindow) were staked near the junction of Bear Creek and Lindow Creek following the discovery of gold bearing quartz on the Fortune claim. A newspaper account reported assays of 26.4 g/t Au and 6.9 g/t Ag from a rock in which no gold was visible.
- 1913: Installation of a two-stamp mill at the Virgin mine.
- 1914: Maclean visits and reports on the Virgin and Maclean showings (Lode Mining in Yukon).
- 1934: Klondike Gold Quartz attempts to revitalize the Virgin mine. Visited and described by Bostock. The mineralized veins strike 130° and dip 50° - 70° northwest.
- 1967: Airborne magnetic survey of area published by Geological Survey of Canada.
- 1972: Several claim blocks staked by Sullivan and Rogers in the project area, with geological mapping and geochemical soil sampling later in the year (assessment report #060149). Samples were analyzed by AA for Cu, Pb and Ag, with some samples also analyzed for Au, Mo and As. The gold detection limit was 30 ppb, and few anomalies were identified. Base metals were the main exploration target at this time.
- 1978: Staking of two GUS claims to cover the Virgin mine – no work done by owners since this time.
- 1983: Dawson Eldorado Gold Explorations Ltd staked Klot cl 1-8 near the Virgin occurrence. Soil geochemical survey in this area (assessment report #091563).
- 1984: Heavy mineral and silt sampling of many Klondike drainages, including Bear and Last Chance Creeks conducted by Dawson Syndicate (assessment report #091616) reveals numerous anomalies. Soil samples were collected along claim lines of the Moon claims and show gold anomalies along the east bank of Bear Creek.
- 1984: Lindow target and central Bear Creek area staked as Bea cl 1-16 by a joint venture between United Keno Hill Mines Ltd and Falconbridge Ltd. The Dawson Syndicate staked Moon cl 1-55, Fish cl 1-24, Alpha cl A-T, and Penibe cl 1-31 in the area in 1983 and 1984.
- 1984: Bedrock geology map, 1:50,000 published (Debicki, Open File 1984-3).
- 1986: the Dawson Syndicate conducted magnetometer, VLF-EM, geochemical and geological mapping surveys over their various claim holdings. Arbor Resources collected 112 soil samples on the ZIP claims on two contour lines between the headwaters of Discovery pup and Bear Creek, along with some geological mapping (assessment report #091856).
- 1986: United Keno Hill explored the Bea claims at central Bear Creek with geological mapping, 790 soil samples on a 100m x 50m grid, followed by two 500m+ trenches (assessment report #091900). This work identified numerous contiguous gold anomalies,

although the soil anomalies close to the creek (within about 100m) are probably placer in origin. Trench results were poor.

- 1987: The Dawson syndicate commissioned an airborne geophysical survey of the area (assessment report #091981). 1920 line-km of helicopter-borne magnetic, EM and VLF data were collected from 60m elevation and 100m line spacing, along with video and altimeter data.
- 1988: The Dawson Syndicate collected 737 soils, produced a geological map, cut 11.1 line-km of grid for a magnetic survey, and dug 5 trenches totaling 400m on the REEF and WITH claims at the headwaters of Lindow Creek (assessment report #092690, Minfile 1150 079 - FORK). Significant gold and arsenic anomalies were outlined. The trenches remain accessible to date, and have been resampled several times. Gold results in bedrock are weak.
- 1990: HLX Resources did hand trenching on the Moon claims near a soil anomaly identified in 1984 (assessment report #092849).
- 1990: A joint venture group composed of Klondike Reef Mines Ltd, Arbor Resources Inc and Appian Resources Ltd carried out IP and resistivity surveys on the Reef and With claims in an area at the headwaters of Lindow Creek (assessment report #092972 - Mark, 1991). The FORK minfile target is focused around a magnetic low defined in the airborne survey, at the fork between the ridge trail and the road down the ridge between Lindow and Last Chance Creeks. There is no bedrock occurrence associated with the target.
- 1992: Trenching was conducted by Arbor Resources and associated companies on the Moon claims (4 trenches) along the ridge between Last Chance and Lindow Creeks, and 4 trenches on the Top claims at the headwaters of Last Chance Creek and Flannery pup (assessment report #093075 and Minfile 1150 093 Flannery). They also collected a line of soil samples between the heads of Homestake and Gauvin Gulches. Appian changed its name to Sultan Minerals Ltd and carried out trenching and sampling on the Reef cl 81.
- 1993: Arbor (operator for the Dawson Syndicate) optioned the surviving Comet, Moon, Fish, Alpha, Zip, Penibe, Top, Cab, With and Reef claims to Kennecott Canada Inc. Kennecott performed geological mapping on the Penibe claims.
- 1994: Kennecott Canada Inc carried out a large program of ground geophysics, auger soil sampling, prospecting, rock sampling and mapping on the optioned claims. The company cut a grid in the Bear Creek area, but cancelled the remaining work after obtaining poor results on other optioned claims in the area. The WITH claims had trenches resampled with a maximum value of 30ppb Au (assessment report #093200).
- 1995: In January Kennecott cancelled its option. In Jan/96 Arbor Resources Inc. changed its name to Klondike Gold Corp.
- 1996: Barramundi Gold Ltd staked and optioned much of the Klondike area, over 3000 claims. Their property covered a large part of the current Bonanza group. As part of their exploration program, Barramundi collected 210 regional stream silt samples, covering the headwaters of Last Chance, Independence and Carmack Fork Creeks in the area. Several anomalous rock samples were also collected in the area (assessment report #093711).
- 1996: Bedrock geology maps, 1:50,000 published (Mortensen, Open File 1996-1).
- 1999: Barramundi optioned all of their Klondike region claims to KSL Exploration (Yukon) Ltd, a private Australian company. Airphoto and Landsat interpretation with minor rock and soil sampling (assessment report #094119). Klondike claims staked.
- 2001: Airborne magnetic and radiometric geophysical survey, 1:50,000 scale published (Shives et. al., GSC Open File 3992).

- 2000- 2002: KSL carried out a large (over 2600 sample) Mobile Metal Ion (MMI) and conventional -80# soil geochemical reconnaissance survey over the Klondike, Bear and other optioned claims in the area (assessment reports #094209, #094316, #094356). A buried plutonic-related Telfer-type deposit model was developed. GAP claims staked.
- 2004: KSL drilled 6 widely spaced holes along the ridge between Last Chance and Upper Bonanza Creeks to test coincident soil and magnetic anomalies (assessment report #094568). Results were very poor. BR claims staked by Klondike Gold Corp.
- 2006: Klondike Star Mineral Corporation purchased claims at auction after they were seized from KSL. They also staked the GIGA and BAR claims and excavated three trenches on the Bar and neighbouring Bear claims in September. These trenches are near the trenches dug by United Keno Hill in 1986.
- 2007: Klondike Star chip sampled the three trenches dug in 2006, with the best result 4.6 g/t Au from a grab sample of a discordant quartz vein. The company also relogged and sampled unsplit portions of the six 2004 diamond drill holes Klondike Source drilled on the GIGA and Klondike claims.
- 2012: Klondike Gold Corp. staked the IF claims at Bear Creek to cover ground where claims had lapsed.
- 2012: Klondike Gold Corp. completed backhoe pitting with 22 rock samples, prospecting (10 rock samples), mapping and rock sampling (9 samples) near the mouth of Bear Creek on a placer cut, and 385 hand auger soil samples were collected in the northeast of the property.

6.0 GEOLOGICAL SETTING AND MINERALIZATION

6.1 YUKON-TANANA TERRANE

The Klondike region is underlain by the Klondike Schist, which is correlated with units of the Yukon-Tanana terrane which extends from Alaska to the southern Yukon and B.C. 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 (e.g.: Colpron, 2001; Piercey et al., 1999). These units are polydeformed and, over a regional scale, show a range of metamorphic grade from lower greenschist to amphibolite facies (e.g., Mortensen et al., 1992; Roots et al., 2003) Structural styles are consistent with deformation during east to northeastward directed accretion and crustal shortening.

6.2 REGIONAL GEOLOGY

The northwestern Klondike area is underlain by three recognisable thrust fault bounded assemblages (Rushton et al., 1993) that constitute the mid Permian Klondike Schist. These are: Assemblage III of carbonaceous quartz-muscovite phyllite, schist and marble that crops out southwest of the Indian River and also to the northeast of Hunker Creek. Structurally above is Assemblage II of micaceous and chloritic quartzite, feldspathic quartzite, marble and calcareous schists which is intruded by the Mt. Burnham orthogneiss, found in the east of the Klondike. Assemblage I consists of three units: quartz augen schist; the Sulphur Creek orthogneiss; and intercalated chloritic schist, metagabbro, amphibolite, quartzite and felsic schist. A major thrust fault is mapped at the northern part of the claim group, near the mouth of Bear Creek. Much of the Bear Creek area is underlain by quartz augen schist of the Jim Creek Pluton, which is overlain along the ridgetops by Klondike Schist undifferentiated. Several zones of felsic schist similar to that found at the Lone Star zone to the south are present within the claim group, notably near the mouth of Bear Creek (Mackenzie et al, 2007).

6.3 STRUCTURAL GEOLOGY

The Klondike Schist is a L-S tectonite. Four phases of deformation (D_1 - D_4) can be attributed to progressive fabric development. Not all the deformation phases are observed at any one locality.

The first phase of deformation consisted of ductile completely isoclinal folding. Only rare cm-scale rootless fold hinges may be observed. The F_1 folding transposed original bedding into parallelism with axial planar foliation such that F_1 fold hinges are rarely seen.

The second phase of deformation (D_2) was also characterized by ductile, isoclinal folding (F_2) of already transposed bedding (S_1) and development of a penetrative axial planar foliation (S_2). F_2 folds in the Klondike are often seen as dm-scale isoclinal closures, often east to northeast

vergent. This stage was accompanied by intense transposition of lithologic layering (S_1) with metamorphic / segregation veins (V_1) developed parallel to (S_2) (foliaform veins). The majority of primary structures such as bedding have been obliterated as they were flattened and transposed by early-generation folding (D_1 to D_2).

The third phase of deformation (D_3) folds S_2 with generally tight-similar style folds with northwest trend. F_3 crenulations developed in the fold hinges define an L_3 lineation. A penetrative axial planar foliation (S_3) is occasionally developed. F_3 folding of metamorphic segregation veins has produced rootless fold hinges that outline S_3 (intrafolial folds). Regional scale thrust faulting has been considered to be coincident with the third deformation (showing styles consistent with it having been produced near the brittle-ductile transition) and is considered to be late Triassic in Rushton et al., (1993), but possibly Jurassic by MacKenzie et al. (2007).

Phase 4 deformation (D_4) is conjugate angular kink folds and possible macroscopic warping (km-scale) of the penetrative foliation. This produced pervasive folding and complex refolded folds. Fold styles range from tight similar to chevron folds and broad open folds. Regionally F_4 fold axes are often at a high angle to F_3 fold axes and may appear as two conjugate sets: north to northeast and east to southeast. F_4 crenulations define an L_4 lineation.

In general, fold style appears to be lithologically controlled. For example, the more incompetent mica rich units are more obviously folded with S_3 crenulation cleavage developed. The cleavage is either spaced on the cm scale or becomes the dominant fabric.

6.4 QUARTZ VEIN SYSTEM OF THE KLONDIKE AND MINERALIZATION

Two types of quartz vein are common in the Klondike:

a) foliaform veins that are typically concordant with transposed bedding (S_2) and which may be meters thick, but which are usually lenticular. These are almost always barren of gold and,

b) discordant veins that carry sulphide mineralization (pyrite, with minor galena, chalcopyrite and tetrahedrite) and visible gold which is both commonly contained in selvages of pyrite (or after weathering, pseudomorphs of goethite/limonite) and as free gold grains in the white quartz. The discordant veins are rarely up to 2-3 m thick and can persist for hundreds of meters strike length. Some spectacular gold grades are reported from this vein type (Rushton et al., 1993). Those authors date Sheba prospect (Mitchell: Minfile 068) vein formation at early Cretaceous which was a time of lull in magmatic activity (Armstrong, 1988) but of crustal thickening and rapid uplift. These discordant veins would post-date D_4 . Concordant veins are clearly older since some may be observed to have been folded by D_4 structures. The model of mesothermal-type vein formation as proposed by Rushton et al. (1993), considers the southeast part of Klondike to be a deeper level in the system than Bonanza and that the Hunker Dome region would have been

mineralized as ascending meteoric / metamorphic CO₂ - bearing fluids reached a level sufficient for the exsolved CO₂ gas to have effervesced.

Recent work (J.K. Mortensen, pers. comm.) favors a model for vein formation as secondary structures developed between near horizontal extensional floor and roof faults during the process of rapid early Cretaceous uplift, analogous to formation of detachment faults above metamorphic core complexes.

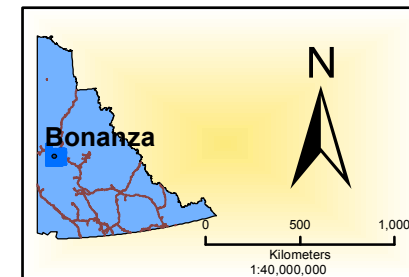
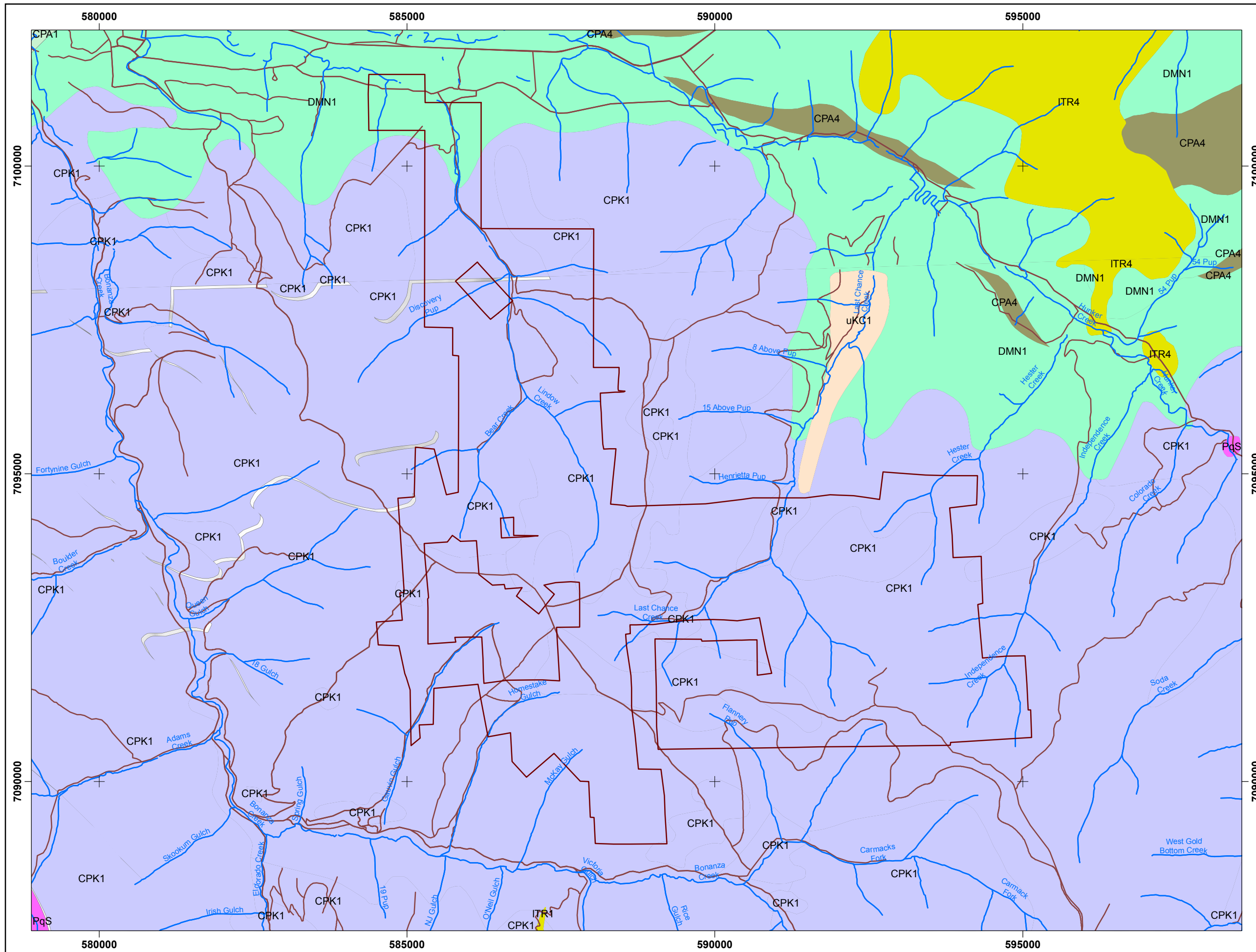
Base metal and gold mineralization in the Klondike Schist is likely to have been emplaced during several events. There is evidence for VMS type mineralization at the Bronson occurrence west of Bonanza Creek (minfile 115O 113), at Lone Star (J.K. Mortensen, pers. comm.) and a horizon of sulphide mineralized schist was investigated during the 2008 season in the Quartz Creek area (Mann and Liverton, 2008). Pyrite that predates and postdates the D₃ deformation has been commonly observed. The association of sulphides, sulphosalts and free gold with discordant quartz vein formation is well demonstrated on the JAE claims (Liverton and Mann, 2011).

6.5 QUATERNARY GEOLOGY

The Bonanza project lies in unglaciated terrain, near the western margin of the Cordilleran ice sheet limits. It is in the zone of widespread discontinuous permafrost, with permafrost generally present on north and east facing slopes.

The upland soils in the area, dominated by colluvium have been described by Bond and 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.”*

The dominant soil types on ridge crests and south facing slopes are dystric brunisols. The dominant soils on north facing slopes are turbic cryosols.



KLONDIKE GOLD CORP.
CANADIAN GOLD AND BASE METAL EXPLORATION

Bonanza Property Regional Geology

— Roads

YGS Regional Units

LOWER TERTIARY, MOSTLY(?) EOCENE

- ITR1: ROSS: locally amygdaloidal, dark grey-green olivine basalt necks and flows
- ITR4: ROSS: light coloured felsic quartz feldspar porphyry and rhyolite

UPPER CRETACEOUS

- uKC1: CARMACKS: augite olivine basalt and breccia; hornblende feldspar porphyry andesite and dacite flows

UPPER JURASSIC AND LOWER CRETACEOUS

- uJKT: TANTALUS: massive to thickly bedded chert pebble conglomerate and gritty quartz-chert-feldspar sandstone

MIDDLE PERMIAN

- PqS: SULPHUR CREEK SUITE: moderately to strongly foliated biotite quartz monzonite gneiss

CARBONIFEROUS AND PERMIAN

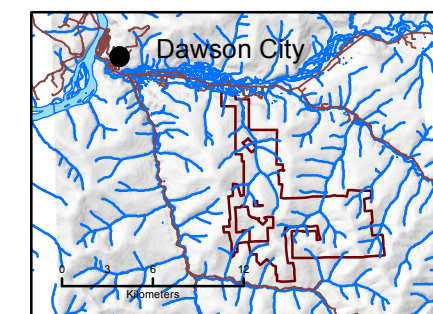
- CPK1: KLONDIKE SCHIST: tan to rusty and black weathering muscovitic and/or chloritic quartzite and quartz-muscovite-chlorite schist; quartz and/or feldspar augen-bearing quartz-muscovite (chlorite) schist

DEVONIAN, MISSISSIPPIAN AND(?) OLDER

- DMN1: NASINA: dark grey to black, fine grained graphitic and non-graphitic quartzite, grey micaceous quartzite and quartz muscovite (chlorite, feldspar augen) schist (Nasina assem.)
- DMN2: NASINA: marble (Nasina assem.)

CARBONIFEROUS TO PERMIAN

- CPA4: ANVIL: dunite, peridotite, gabbro, pyroxenite, harzburgite and minor diorite, hornblende and diabase



Author: Katie Dodd
Date: May 10, 2013

7.0 DEPOSIT TYPES

The complex structural history of the various assemblages in the Klondike allows for the possibility of several sources for gold mineralization. A detailed discussion is given in Liverton (2008).

The significant models for mineralization relevant to this report are orogenic vein mineralization associated with D₄ deformation. The veins present at the Virgin occurrence at Discovery Creek, surrounded by the Bonanza claim group appear to be of the small, high-grade irregular type.

8.0 ADJACENT PROPERTIES

The Bonanza group of claims adjoins the Lone Star claim group which is also owned by Klondike Gold Corp. and Klondike Star Mineral Corp. This property hosts substantial gold resources at and near the former producing Lone Star mine (Minfile 1150 072 Lone Star). The favourable lithologies and structures at Lone Star are not known to trend onto the Bonanza group of claims.

The property is essentially surrounded on all sides by claims held by competitors. These claims have numerous anomalies and minor mineral occurrences, but no known significant deposits. The property also surrounds the Gus claims, which contain the Virgin mineral occurrence. This former producing hardrock mine has (currently inaccessible) underground workings and a collapsed stamp mill, and is thought to have produced a small amount of gold from narrow quartz veins. The vein system at Virgin is reported to strike at 130 degrees with a northeast dip, and this trend onto the Bonanza group should be further explored.

9.0 AUGUST 2013 EXPLORATION

Exploration of the Bonanza Property was completed in 30 person days on August 1, 2, 4, 19-24, 27-30 and September 1, 4, 5, and 8, 2013. All field work was completed by I. Mitchell, Contract Geologist, K. Dodd, Contract Geologist, and F. Vidmar, Prospector. Figure 5 shows an example soil sample of C horizon material commonly encountered on the property and Figure 6 show an example rock sample. Figure 7 is a map of soil sample locations and results while Figure 8 shows rock sample locations and results.

The active placer cuts on the property were visited for the purpose of looking at any exposed bedrock and determining any relationships to hard rock exploration targets.

9.1 REGIONAL RIDGE AND SPUR SAMPLING AND PROSPECTING

Regional ridge and spur soil sampling was the focus of the 2013 program and a total of 218 hand augured soil samples were collected. Samples were collected from as deep as possible, almost exclusively C-horizon, and placed in Kraft paper bags. Sample details were recorded in the field, and sample sites marked with flagging tape. Soil samples were partially air dried in the company

offices. The soil samples were delivered to the Acme Labs for aqua regia digestion and 36 element ICP-MS analysis. Generally on the ridges and spurs sampled soil samples were relatively rocky and of a good quality, exceptions to this were found on some north facing spur slopes where occasional loess or “black muck” was encountered. A typical soil sample is shown in Figure 5 below

FIGURE 5: EXAMPLE C HORIZON SOIL SAMPLE



A total of 93 rock samples were collected during the 2013 exploration program. Rock sampling and general prospecting was conducted concurrently with soil sampling where quartz veins were exposed or assumed to be present from subcrop. Several locations required dedicated prospecting work and F. Vidmar was dispatched to follow up finds made during soil sampling. Sample details were recorded in the field, and sample sites marked with flagging tape. The rock samples were delivered to the Acme Labs for crushing, aqua regia digestion, and 36 element ICP-MS analysis. An example rock sample is shown in Figure 6.

Concentrations of sampling occurred at the following locations; southeast of the property (on claims Klondike 249, 252, Gap 11, and Giga 5, 3) where northwest trending quartz veins were

observed while on a soil traverse; east of the above claims along the heritage trail (on claims Giga 10-14, 18, 20, 22, and 32) where quartz veins or alteration was seen along the road; the central portion of the property along the heritage trail (on claims Klondike 100,102,179, and Reef 78); and finally along Lindow Creek. Samples collected on the central portion of the property yielded the best results with the other locations having relatively low assays for gold.

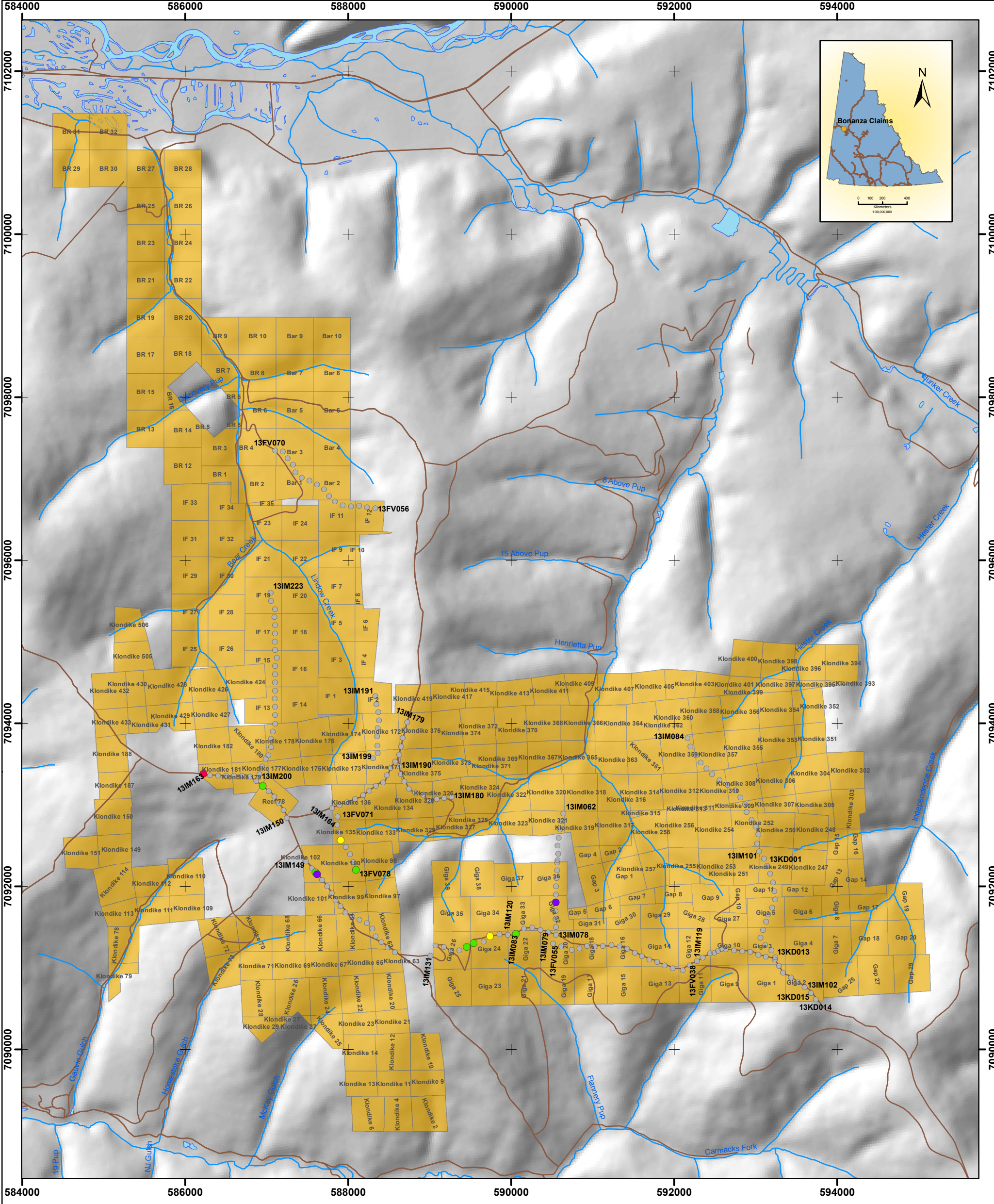
FIGURE 6: EXAMPLE ROCK SAMPLE



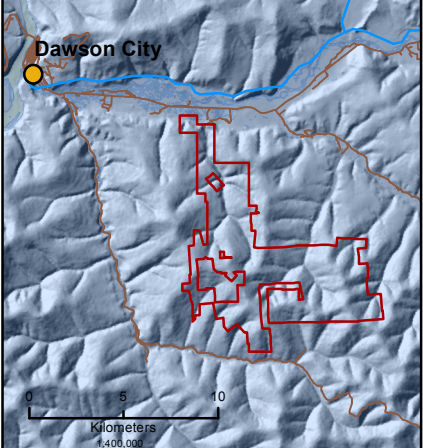
9.2 PLACER CUT SITE VISITS

Four active placer cuts were visited during the program for the purpose of gaining access to any exposed rock and looking at the nature of the material that miners were recovering gold from. Miners were very forthright and the exploration crew was grateful for their insights. A summary of observations is below:

- Tom Morgan on Bear Creek – Tom Morgan was in the final stages of putting in proper drainage in advance of mining, however his cut was down to virgin side pay along the previously mined (and dredged) Bear Creek. The cut was approximately 30 feet deep on the east side of the creek with approximately 5 to 10 feet of pay below significant black muck. The creek side wall was sorted tailings which created drainage issues for the operation. The pay gravels were variably sized with a mean of cobble sized clasts and the lithology was predominantly Klondike schist with common quartz clasts.
- Charlie Brown on Lower Bear Creek – This area was mapped during the 2012 exploration program by D. Mackenzie and I. Mitchell. The area was inactive and largely covered with backfill in 2013. Attempts were made to meet Mr. Brown at the site as he has a significant interest in hard rock prospecting and believed there was some potential on the cut area. The area is underlain by Nasina quartzites and phillites. Spectacular examples of crystalline pyrite specimens are available from Mr. Brown of which lesser specimens were observed in bedrock. These are likely crystallized primary iron and sulphur in sea floor sediments not hydrothermal sulphides related to gold emplacement.
- Alfred Roberts (“Alf”) on Lindow Creek – The cut was steep and bedrock was not visible during the visit to Lindow Creek, however the material did appear to be decomposed Klondike Schist overlain by black muck (portions of the cut had recently slumped). Grade of material was variable as previous mining on the main pay streak was likely discontinuous. Mined material was a mix of basil sand, pebble, gravel, cobble and minor boulder size with common quartz clasts in all size ranges.
- William McIntyre on Upper Last Chance Creek – Of particular note on this cut was the large clast size distribution. Sub rounded to sub angular boulders of quartz up to 5 meters were common and the author interprets a high rate water flow during the deposition of this placer well above current creek flow rates. The boulders were easily as large as the width of any quartz vein observed on the property in 2013 exploration. Historically Last Chance Creek was one of the richer creeks in the Klondike and it is noted that the best soil and rock results of the 2013 season on the ridge of the central area of the property are in the Last Chance and/or Lindow Creek catchment area.



Klondike Gold Bonanza Property 2013 Soils

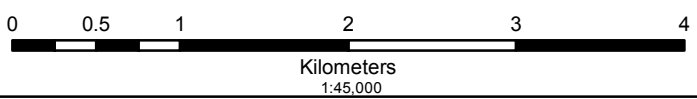


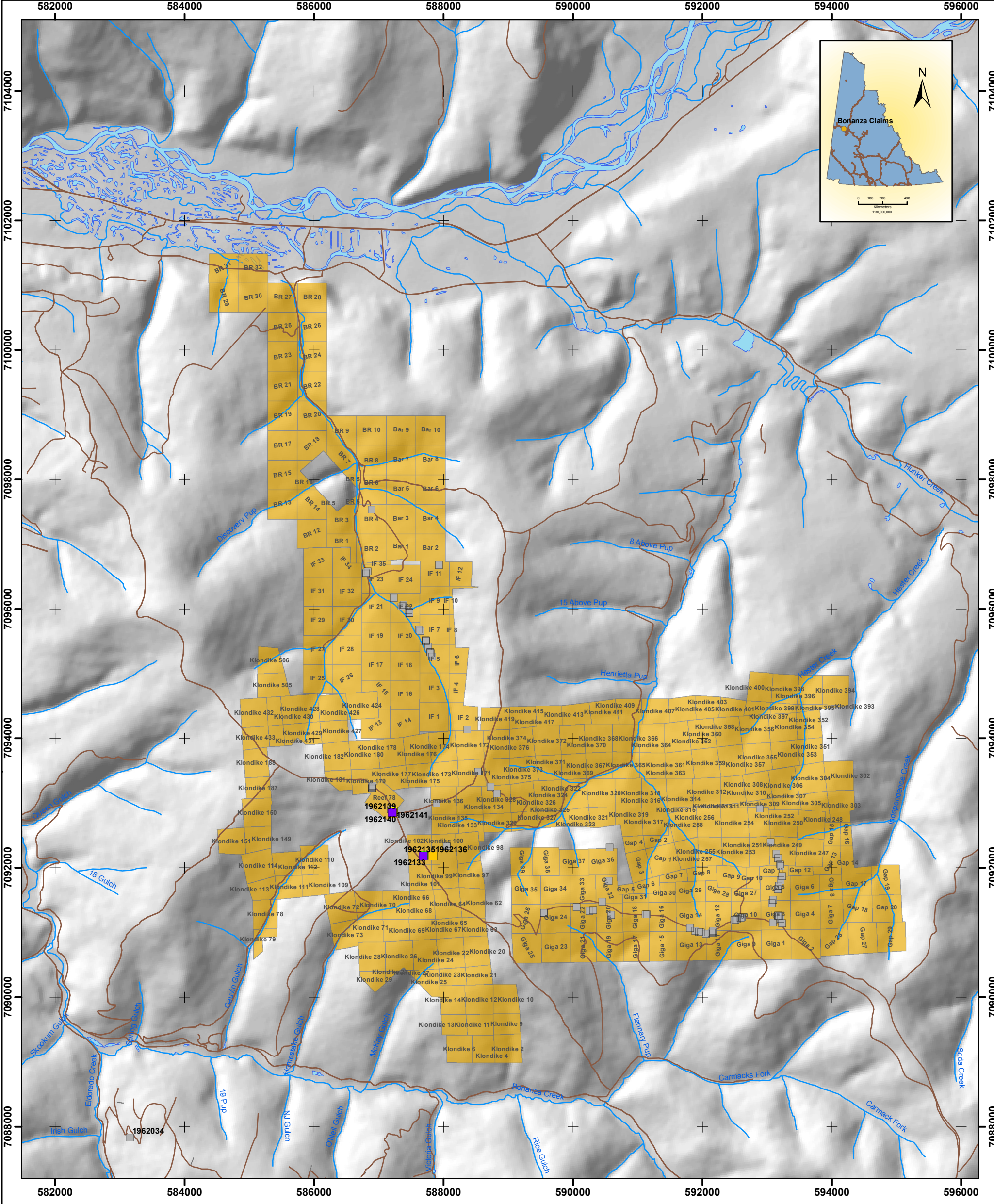
KLONDIKE GOLD CORP.
CANADIAN GOLD AND BASE METAL EXPLORATION

Bonanza Claims
 Roads

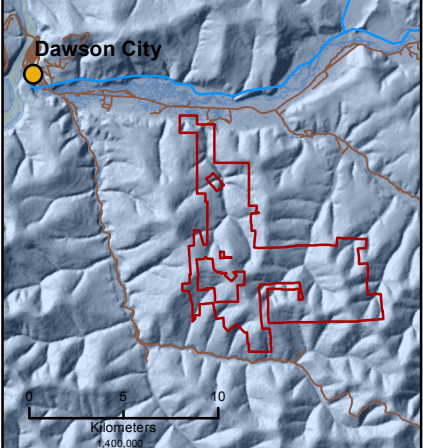
Soils Au ppb

- <10
- 10 - 20
- 20- 50
- 50 - 75
- 75- 100
- >100





Klondike Gold Bonanza Property 2013 Rocks

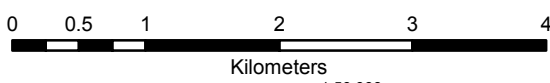


KLONDIKE GOLD CORP.
CANADIAN GOLD AND BASE METAL EXPLORATION

Bonanza Claims
 Roads

Rocks Au g/t

	<math><0.5</math>
	0.5 - 1.0
	1.0 - 3.0
	3.0 - 5.0
	5.0 - 10.0
	>10



10.0 SAMPLE PREPARATION, QUALITY ASSURANCE AND QUALITY CONTROL, ANALYSIS, AND SECURITY

Soil samples were partly dried in the office building, then delivered in batches by company personnel to Kluane Freight Lines, Dawson City who transported the samples to Acme Labs preparatory lab in Whitehorse. Samples were dried in a 60 °C oven, and then sieved to -80 mesh. 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 0.5 ppb detection limit.

Rock samples were kept in the secure company facility in Dawson until batches were complete. Rock samples were delivered by company personnel in batches to Kluane Freight Lines, Dawson City who transported the samples to Acme Labs preparatory lab in Whitehorse, where samples were dried. The samples were prepared by crushing to 80 % passing 10 mesh, and then a 250 g split was pulverized to 85 % passing 200 mesh. A 15 g subsample was leached in aqua regia at 95 °C. Analysis was by ICP-MS for 36 elements (method 1DX2). Gold was analyzed with a 0.5 ppb detection limit.

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. Acme Labs presents its internal quality control results for each sample batch, including standards, blanks and pulp and reject duplicates. This data was reviewed for major discrepancies.

11.0 INTERPRETATION AND CONCLUSIONS

The Bonanza claim group covers a significant portion of the Klondike placer gold mining camp. There are several zones of known orogenic gold mineralization within or adjacent to the claims, as well as numerous geochemical and geophysical anomalies. To date no significant zone of mineralization in bedrock has been discovered, however there is very little outcrop in the area. The claims have reasonable potential for undiscovered gold mineralization, based on placer gold production and widespread but spotty gold in soil anomalies.

During the regional ridge and spur sampling program several target areas were investigated and results were as follows:

- The highest gold in rock and largest arsenic soil anomalies on the property are located across claims Klondike 99 and Reef 78 (rock samples 1962133 to 1962141 and soil samples 13IM144 to 155). This sample line was generally on the northwest trend assumed at this location and contained sample 13IM146 with 166.5 ppb Au and 829 ppm As which is the highest gold in soil result of 2013. Highest gold in rock sample results on the program were 1962135 with 21.8 g/t Au, 3.9 g/t Ag, and 1488 ppm As and 1962140 with 22.7 g/t Au, >100 g/t Ag, and 54 ppm As.
- A gold anomaly reported from a breccia in a 1992 trench on the current GIGA 24 and/or 26 claims was investigated. Rock samples collected in this area are not significantly

anomalous. Soil samples 13IM122 and 13IM125 did show anomalous gold up to 35 ppb and 19 ppb Au (considering a property wide background average of 5 ppb Au) and significantly anomalous arsenic of 299 ppm As and 136 ppm As the respective samples, compared to samples set average of 53 ppm As.

- A Trench at the border of Klondike 179 and Reef 78 was rock sampled and results were not significantly anomalous however this area could be revisited as it is on the northwest trend of highest gold and proximal soil samples and showed anomalous arsenic of 108 ppm and 76 ppm As in samples 13IM198 and 13IM200 respectively (gold was not anomalous in these samples).
- Results for the southeastern ridge and spur soil samples are relatively low in gold with corresponding low results for rock samples. Soil lines did show some arsenic anomalies where veins were intersected.
- Point anomalies at 13IM074, 13IM163 (possibly on the northwest trend of highest gold) are worthy of further investigation and could be included areas in the any future soil grid in the area of highest 2013 samples.
- The prospecting traverse along Lindow Creek did not yield anomalous results and further work in the immediate area is not warranted.

Soil geochemistry is an effective tool for most of the property, except in areas of deep muck and loess near the creeks, hard frozen ground, and placer workings along Gold Run and Laskey Creeks. The deep auger method to reach C horizon (or as deep as possible) and conventional -80 mesh analysis is preferred.

Pathfinder element were evaluated for the 2013 soil sample set and show that gold is associated with arsenic (5.8 times background average), silver (3.3 times background), and lead (2.7 times background) and may be associated with molybdenum, cadmium, antimony and thallium (ranging from 1.4 to 2.2 times background). Gold also show a negative correlation with boron (0.3 times). A summary of gold pathfinders in soil is shown in the below table:

TABLE 3: BONANZA PROPERTY SOIL SAMPLE ELEMENT ASSOCIATIONS

Au Pathfinders	Mo_ppm	Pb_ppm	Ag_ppm	As_ppm	Au_ppb	Cd_ppm	Sb_ppm	B_ppm	Tl_ppm
Avg all samples	0.8	21.6	0.1	53.7	5.1	0.1	0.5	0.4	0.0
Avg Select Au (> 15 ppb)	1.1	59.3	0.3	313.1	54.9	0.1	0.8	0.1	0.1
Avg anom/Avg all	1.4	2.7	3.3	5.8	10.8	1.9	1.5	0.3	2.2

Note: Average all samples contained all 218 soil samples in the 2013, Average select Au contained 9 samples above 15 ppb.

12.0 RECOMMENDATIONS

12.1 FURTHER EXPLORATION

The best results of both soil and rock sampling were on claims Reef 78 and Klondike 102. These results form a northwest trend crossing through an island of competitor's claims along the heritage trail. These results fall within the Lindow and Last Chance Creek catchment areas which are historically rich producing drainages and are still in current production. The author believes that this and surrounding area is the best exploration target on the property, however note the limitations on exploration potential due to the island of competitor's claims bisecting this trend (see section 12.2 Land Package). An infill soil grid, trenching, and compilation of available data are recommended for this area but the priority should be first to increase the land package to include the area between and adjacent to claims Reef 78 and Klondike 102.

Historic adits reported at the Maclean minfile occurrence and one kilometer east of the Virgin mine ("Gordon") should be located and investigated. The Golden Age adit at Maclean is reported to be 8.2 meters deep, and is located about 700 meters west of the mouth of Bear Creek, probably on the current BR 31 or 32 claims. The Gordon adit east of the Virgin mine is reported to be 12 meters deep, and is likely on the current BR 8 claim. The Gordon adit in particular is reported to be driven on a gold-bearing quartz vein and should be a priority, while the Golden Age adit is reported to have very weak mineralization within a deformation zone. These prospects were not visited during the 2013 season due to difficult access and time constraints.

12.2 LAND PACKAGE

Open ground within and adjacent to the Bonanza claim group should be staked. There are large gaps present around the REEF claim and between the Klondike and GIGA claim groups that have good exploration potential. This should be acquired if at all possible as it lies in the area of highest potential between Lindow and Last Chance Creeks where the highest 2013 rock and soil samples were collected on company claims.

12.3 DATA COMPILATION

There is a significant amount of data present in assessment reports that should be compiled into a GIS database. In particular, over 4000 soil samples have been previously collected and analyzed for gold and other elements, including two large grids by United Keno Hill and by the Dawson Syndicate in 1986 and 1988 respectively. Numerous soils were collected by Klondike Source in an irregular pattern in the early 2000s, and analyzed by MMI and/or conventional methods, and this data should also be captured. The 2012 and historical geochemical data should be evaluated for more subtle elemental patterns in addition to gold distribution. There are also areas of detailed geological mapping of outcrop and float in the soil grid areas that are relevant.

The airborne geophysical survey conducted in 1987 was done to a high standard, and covers the entire area. The 2001 government airborne geophysical survey was conducted with wide spaced flight lines which are not helpful for detailed magnetic exploration; however it also measured radioactive elements which might provide useful information for mapping lithology within the largely undifferentiated Klondike Schist.

Roads, trails and trenches should be digitized from the most recent satellite imagery, as the trails shown on claim maps and other government maps are incomplete. Adding placer gold workings to the exploration base maps is important, as these are the strongest kind of gold geochemical anomaly. All minor stream tributaries that have names should be identified on company maps to provide field references. Additions to topology should be field vetted as roads may be in disrepair or altered by recent placer activity.

REFERENCES

- Adamson, R.G., Thomas, C.M., 2002. Geochemical and Geological Surveys on the HIT claims. Yukon Assessment Report #094355.
- Adamson, R.G., Thomas, C.M., 2001. Geochemical and Geological Surveys on the HIT claims. Yukon Assessment Report #094270.
- Armstrong, R.L. 1988. Mesozoic and early Cenozoic magmatic evolution of the Canadian Cordillera. *In:* Clark, S.P., Burchfiel, B. and Suppe, J., (eds.): Processes in continental lithospheric deformation. Geol. Soc. Amer. Special Paper 218 p. 55-91.
- 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.
- Cairnes, D.D., 1911. Quartz Mining in the Klondike District.
- Christie, J.S., 1995. Drilling Report on the GO, RR and GR Claims. Yukon Assessment Report #093445.
- Colpron, M. 2001. Geochemical characterization of Carboniferous volcanic successions from Yukon-Tanana terrane, Glenlyon map area (105L), central Yukon. *In:* Yukon Exploration and Geology 2000, D.S. Emond and L.H. Weston (eds.), Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, p. 111-136.
- Davidson, G. S., and Wallis, J., 1987. Preliminary Evaluation Report on the BTTA 1- 32 Claims. Yukon Assessment Report #062284 and #092079.
- Gatenby, L.B., 1984. Geochemical Soil Survey on the LASS Claim Group. Yukon Assessment Report #091664.
- Kestrel Gold Inc. corporate website at: www.kestrelgold.com - Gold Run property.
- Kreft, B., 2009. Trenching and Sampling Report on the GR 1-44 Quartz Claims. Yukon Mining Incentive Program report #2009- 014.
- Kreft, B., 2007. Trenching and Sampling Report on the Laskey Project, GR 1-14 Quartz Claims. Yukon Mining Incentive Program report #2007- 020.
- Ledwidge, A. and P., 2007. Yukon Assessment Report #094783. 2006 Geological Mapping, Trenching, Rock and Soil Geochemical Sampling on the Dominion Property. Klondike Star Mineral Corp.

- 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.
- Liverton, T. and Mann, W. 2005. Diamond Drilling, Geological Mapping, Rock and Soil Geochemistry, Trenching And Bulk Sampling On The Lone Star (Klondike) Property. Yukon Assessment Report #094579.
- Lueck, B., and Davidson, G.S., 1988. Assessment Report on the Golden Ridge Property, BTTA 1- 32 and Kentucky 1- 16 Claims. Yukon Assessment Report #092603.
- MacKenzie, D.J., Craw, D., Mortensen, J.K. and Liverton, T., 2007. Structure of schist in the vicinity of the Klondike goldfield. *In: Yukon Exploration and Geology 2006*, D.S. Edmond, L.L. Lewis and L.H. Weston (eds.), Yukon Geological Survey, p. 197-212.
- Maclean, T.A., 1914. Lode Mining in Yukon. Mines Branch Publication 222, pps. 76-82, 112-113.
- Mann, W., 2012. 2012 Geochemical Assessment Report on the Gold Run Project, Yukon. Klondike Gold Corp and Klondike Star Mineral Corp. Yukon Assessment Report # pending.
- Mann, W. and Liverton, T., 2008. Assessment Report #095112. Geological Mapping, Rock And Soil Geochemistry On The Klondike Properties, Klondike Star Mineral Corp.
- Mortensen, J.K., 1984. Assessment report on the Klam 1- 12 claims. Yukon Assessment Report #091570.
- Mortensen, J.K., Nesbitt, B.E. and Rushton, R. 1992. Preliminary observations on the geology and geochemistry of quartz veins in the Klondike district, west-central Yukon. *In: Bremner, T.J. (ed.): Yukon Geology, Vol. 3. Exploration and Geological Services Division, Indian and Northern Affairs Canada*, p. 260-270.
- Mortensen, J.K. 1996. Geological compilation maps of the Northern Stewart River map area, Klondike and Sixtymile districts. Indian and Northern Affairs Canada Yukon Region, Open File 1996-1 (G).
- Ouellette, D., Prince, D., 1986. Geological, Geochemical, Geophysical and Trenching Report on the RIJ 1- 44 Claims. Yukon Assessment Report #091721.
- Piercey, S.J., Hunt, J.A. and Murphy, D.C. 1999. Litho-geochemistry of meta-volcanic rocks from Yukon-Tanana terrane, Finlayson Lake region, Yukon: preliminary results. *In: Roots, C.F. and Edmond, D.S. (eds.): Yukon Exploration and Geology 1998. Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada*, p. 125-138.

Prince, D., 1984. Yukon Assessment Report #091634. Report on the 1984 Exploration Program in the Klondike Gold Fields. United Keno Hill Mines Ltd.

Rushton, R.W., Nesbitt, B.E. and Mortensen, J.K. 1993. A fluid inclusion and stable isotope study of Au quartz veins in the Klondike district, Yukon Territory, Canada: A section through a mesothermal vein system. *Economic Geology*, **88**: 647-678.

Shives, R.B.K., Carson, J.M., Ford, K.L., Holman, P.B., Gordey, S., Abbott, G., 2002. Geological Survey of Canada Open File 4310, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada Open File 2002-16, Magnetic Anomaly Map (Residual Total Field), Stewart River Area – 115N, 115O, 116B (parts of). Scale 1:250,000.

Shives, R.B.K., Carson, J.M., Ford, K.L., Holman, P.B., Gordey, S., Abbott, G., 2002. Geological Survey of Canada Open File 4308, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada Open File 2002-14, 10 Airborne Magnetic and Radiometric Maps, Stewart River Area – 115O/10, Scale 1:50,000.

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

Southam, P., 1994. Geochemical Report on the G. Hawk Claims. Yukon Assessment Report #093219.

Stevens, R., 1997. Assessment Report #093711. 4 Parts: JAE Mapping Report- 1996; JAE Soil Survey; Regional Mapping and Geochemical Sampling in the Klondike; Stream Sediment Survey Report. Barramundi Gold Ltd.

Taku Gold Corp. corporate website at: www.takugold.com - Sulphur project.

Yukon MINFILE - Occurrences 115O 061, 132 and 134. Yukon Geological Survey, Energy, Mines and Resources, Yukon Government.

APPENDIX I

STATEMENT OF QUALIFICATIONS

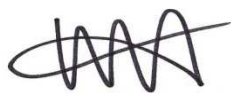
STATEMENT OF QUALIFICATIONS

IAIN MITCHELL, B.Sc.

373 EAGLES NEST ROAD, BOWEN ISLAND, BC, V0N 1G1

1. I am a Graduate of The University of Waterloo, 2000, with a Bachelor of Science Degree from the Department of Earth Science in the specialty of Geology with Honors.
2. I am in the process of applying for professional status with the Association of Professional Engineers and Geoscientists of BC.
3. I have worked in the mineral exploration industry since 1994.
4. I devised, conducted, and supervised the work program on the Bonanza Project in 2013.
5. I completed sections 1, 2, 9, 10, 11, and 12 and was responsible for the compilation of the report.
6. I am consulting geologist for Klondike Gold Corp.
7. I hold shares and options in Klondike Gold Corp.

February 14, 2013



Iain Mitchell, B.Sc.

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 did not supervise or perform field work on the property in 2013.
6. I was responsible for Sections 3, 4, 5, 6, 7, and 8 of the report.
7. I am consulting geologist for Klondike Gold Corp. and Klondike Star Mineral Corp., owner of the claims. I hold shares in Klondike Star Mineral Corp. and shares and share purchase options of Klondike Gold Corp.

February 14, 2013

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

STATEMENT OF QUALIFICATIONS

KATIE DODD, B.Sc.

#403-876 W 14TH AVE. VANCOUVER BC V5Z 1R1

1. I am a Graduate of Simon Fraser University 2000, with a Bachelor of Science Degree from the Department of Earth Science.
2. I am in a registered GIT with the Association of Professional Engineers and Geoscientists of BC.
3. I have worked in the mineral exploration industry since 2004.
4. I performed field work on the Bonanza Property in 2013
5. I provided GIS, cartography and editing support for the report.
6. I am consulting geologist for Klondike Gold Corp.
7. I hold options in Klondike Gold Corp.

February 14, 2013



Katie Dodd, B.Sc.

APPENDIX II

STATEMENT OF EXPENDITURES

2013 Bonanza Field Work

Name	Work type	Days	Rate	Total
I Mitchell	Geologist Prospecting, soil samples Ridge and Spur Aug 1,2 (Site visit/planning) 19-24,26,27,29,30 Sept 5,8	14	\$475.00	\$ 6,650.00
F Vidmar	Prospector Prospecting, soil samples Ridge and Spur Aug 20,21,24,26,27-30, Sep 1,4,5	11	\$300.00	\$ 3,300.00
K Dodd	Geologist Prospecting, soil samples Ridge and Spur Aug 1 (site visit), Aug 4,5 (1/2 day field maps) 22,24,26	5	\$450.00	\$ 2,250.00

Samples	number	cost per	
Rock	93	\$ 25.00	\$ 2,325.00
Soils	218	\$ 25.00	\$ 5,450.00
Truck	16	\$100.00	\$ 1,600.00
Fuel	16	\$ 50.00	\$ 800.00

Camp cost (YMIP rate @ \$100 food, lodging, supplies, etc)

K Dodd	5	\$100.00	\$ 500.00
I Mitchell	12	\$100.00	\$ 1,200.00
F Vidmar		Local Hire - Field Supplies and Lunches only	\$ 300.00

Sub Total **\$ 24,375.00**

Reporting and GIS @ 10% \$ 2,437.50

Total	\$ 26,812.50
--------------	---------------------

APPENDIX III

ROCK SAMPLE METADATA

2013 Bonanza Property Rock Sample Metadata

SampleID	Sample_Type	Location	Date	Sampler	UTM_East	UTM_North	Collection_Method	Rock_Type	Notes	Certificate_ID
1959563	Rock	Bonanza	21-Aug-13	IAM	590567	7092318	Grab	Qtz/folded schist	Folded ser mus schist with seg qtz +/- dischordant vein. Float at North facing slope break next to Soil sample 13IM068. Segregation qtz with S2/S3 folding with possible discordant qv.	WHI13000401
1959564	Rock	Bonanza	21-Aug-13	IAM	590551	7091800	Grab	Qtz	Qtz in down slope float from soil pit, abundant Fe Carb, Tr limonite after Pyrite. Next to soil sample 13-IM-074	WHI13000401
1959565	Rock	Bonanza	22-Aug-13	IAM	592889	7092912	Grab	QV	Quartz boulders in Subcrop up to 2x1x1 m, White CG, No visible sulphides, minor Fe stain.	WHI13000401
1959566	Rock	Bonanza	24-Aug-13	IAM	589552	7091297	Grab	qtz float	Qtz float on prospecting trav	WHI13000401
1959567	Rock	Bonanza	24-Aug-13	IAM	589552	7091297	Grab	qtz float	Qtz float on prospecting trav	WHI13000401
1959568	Rock	Bonanza	26-Aug-13	IAM	587893	7092996	Grab	qtz float	Qtz float on prospecting trav	WHI13000401
1959569	Rock	Bonanza	26-Aug-13	IAM	587893	7092996	Grab	qtz float	Qtz float on prospecting trav	WHI13000401
1959570	Rock	Bonanza	26-Aug-13	IAM	588823	7093147	Grab	QV	QV float in road push CG, white/grey qtz, MnO on Fracts, diss tr py	WHI13000401
1959571	Rock	Bonanza	26-Aug-13	IAM	588531	7093484	Grab	QV	QV float on road 40x20x30 cm boulder, flat edges, trpy in loimonite sposts, MnO stain, MG crystallyne (suggary White Qtz with Vugs to 0.5cm	WHI13000401
1959572	Rock	Bonanza	26-Aug-13	IAM	588531	7093484	Grab	QV	QV float on road, MG suggary qtz with limonite in 0.25 to 1 cm vugs, MnO stain near VN margins	WHI13000401
1959573	Rock	Bonanza	26-Aug-13	IAM	588369	7094134	Grab	QV	QV float on road, sharp margins/fracts, cobble size 30x20x15 cm Very hard, suggary, tr diss py	WHI13000401
1959574	Rock	Bonanza	30-Aug-13	FV	587727	7095512	Grab	QV	Float, forign, qtz with qtz crystal devellopment, minor limonite stain	WHI13000401
1959575	Rock	Bonanza	30-Aug-13	FV	587645	7095653	Grab	QV	Float, forign, qtz with MnO (50%)	WHI13000401
1959576	Rock	Bonanza	30-Aug-13	FV	587622	7095680	Grab	QV	Float, local, qtz, brownish, suggary texture, minor limonite, minor feldspar	WHI13000401
1959577	Rock	Bonanza	30-Aug-13	FV	587475	7095932	Grab	QV	Foreign float, Qtz-fsp-mus schist, resistive with fissure veins sub parrallel with galena and qtz crystals	WHI13000401
1959578	Rock	Bonanza	30-Aug-13	FV	587479	7095933	Grab	QV	Float local quartz stockwork, chlorite, minor limonite little blebs in chlorite, minor fg carbonate	WHI13000401
1959579	Rock	Bonanza	30-Aug-13	FV	587462	7095981	Grab	QV	Float, white qtz with minor glaena specs	WHI13000401

2013 Bonanza Property Rock Sample Metadata

SampleID	Sample_Type	Location	Date	Sampler	UTM_East	UTM_North	Collection_Method	Rock_Type	Notes	Certificate_ID
1959580	Rock	Bonanza	30-Aug-13	FV	587385	7096059	Grab	QV	Float local shattered and brecciated schist, minor MnO, micro qtz veinlet	WHI13000401
1959581	Rock	Bonanza	30-Aug-13	FV	587373	7096040	Grab	QV	Float local, mafic volcanic with minor py, tertiary	WHI13000401
1959582	Rock	Bonanza	30-Aug-13	FV	587350	7096035	Grab	QV	Float local, felsic schist, fracture with pyrite	WHI13000401
1959583	Rock	Bonanza	30-Aug-13	FV	587231	7096163	Grab	QV	Qtz float, minor py, gal	WHI13000401
1959584	Rock	Bonanza	30-Aug-13	FV	586828	7096578	Grab	schist	Float, local, below OC, metamorphosed granite, qtz, k spar, muscovite, chlorite	WHI13000401
1959585	Rock	Bonanza	01-Sep-13	FV	586807	7096544	Grab	schist	Float close to source, qtz-fsp=mus-schist, k spar, minor limonite after pyrite	WHI13000401
1959586	Rock	Bonanza	01-Sep-13	FV	586807	7096550	Grab	QV	Float local, chlorite schist with qtz stockwork, sulphides, chalcopyrite.	WHI13000401
1959587	Rock	Bonanza	01-Sep-13	FV	588049	7092337	Grab	QV	Float, quartz fsp vein with minor limonite	WHI13000401
1959588	Rock	Bonanza	01-Sep-13	FV	588054	7092328	Grab	QV	Float, quartz fsp vein with minor limonite	WHI13000401
1959589	Rock	Bonanza	05-Sep-13	FV	587826	7095258	Grab	schist	Local bedrock, qtz-mus, fsp schist, altered?, pyritized, limonite	WHI13000401
1962235	Rock	Bonanza	20-Aug-13	FV	588727	7093251	grab	QV and Felsic crystalline wall rock	Local Float, Felsic metamorphic rock with qv and black and red stains	WHI1300401
1962236	Rock	Bonanza	21-Aug-13	FV	591889	7091020	grab	dyke	Felsic metamorphic rock (dyke) fractures filled with limonite	WHI1300401
1962237	Rock	Bonanza	22-Aug-13	FV	592146	7090998	Grab	QV	Qv filled with fractures, fractures filled with later qtz	WHI1300401
1962238	Rock	Bonanza	24-Aug-13	FV	593056	7092396	grab	Qtz float	Float white qtz with chl, wer, black oxidation	WHI1300401
1962239	Rock	Bonanza	24-Aug-13	FV	593145	7092214	grab	Qtz float	Float white fractured qtz	WHI1300401
1962240	Rock	Bonanza	24-Aug-13	FV	593171	7092150	grab	Qtz float	Float qtz	WHI1300401
1962241	Rock	Bonanza	24-Aug-13	FV	593200	7092049	grab	Qtz float	Float qtz with fsp, chl, ser, minor py and limonite after py	WHI1300401
1962242	Rock	Bonanza	24-Aug-13	FV	593212	7092019	grab	Qtz float	Float, Qtz, MnO, Fsp, minor Limonite after Py	WHI1300401
1962243	Rock	Bonanza	24-Aug-13	FV	593235	7091872	grab	Qtz float	Float QV, qtz crystal development, fractured	WHI1300401
1962244	Rock	Bonanza	24-Aug-13	FV	593210	7091801	grab	Qtz float	Float qtz with fsp, chl, qtz crystal development, fractured, dark brown stain	WHI1300401
1962245	Rock	Bonanza	24-Aug-13	FV	593183	7091722	grab	Qtz SC	Sub Crop, Qtz, euhedral crystals, fractured, minor limonite	WHI1300401
1962246	Rock	Bonanza	24-Aug-13	FV	593181	7091723	grab	Ryolite/Qtz float	Float ryolite breccia with minor Py and MnO stain	WHI1300401
1962247	Rock	Bonanza	24-Aug-13	FV	593166	7091670	grab	Qtz float	Float fractured qtz with MnO stain	WHI1300401

2013 Bonanza Property Rock Sample Metadata

SampleID	Sample_Type	Location	Date	Sampler	UTM_East	UTM_North	Collection_Method	Rock_Type	Notes	Certificate_ID
1962248	Rock	Bonanza	24-Aug-13	FV	593093	7091500	grab	Qtz float	Fractured qtz with fsp, minor py, dark brown oxidation, minor Chl, float	WHI13000401
1962249	Rock	Bonanza	24-Aug-13	FV	593074	7091446	grab	Qtz float	Fractured qtz with minor Fsp, chl, limonite, Float	WHI13000401
1962250	Rock	Bonanza	24-Aug-13	FV	593171	7091261	grab	Qtz float	Float, white fractured Qtz with minor limonite stain	WHI13000401
1962101	Rock	Bonanza	24-Aug-13	FV	593173	7091254	grab	Qtz float	Float, brecciated qtz with Fsp, red brown Oxidation, MnO	WHI13000401
1962102	Rock	Bonanza	24-Aug-13	FV	593187	7091246	grab	Qtz float	Float close to source, vein qtz, fractured, minor limonite stain	WHI13000401
1962103	Rock	Bonanza	24-Aug-13	FV	593208	7091215	grab	Qtz SC	Subcrop, Qtz with Fsp, chl, Limonite	WHI13000401
1962104	Rock	Bonanza	24-Aug-13	FV	593234	7091147	grab	Qtz float	Float, Fractured qtz with minor limonite	WHI13000401
1962105	Rock	Bonanza	24-Aug-13	FV	593088	7091150	grab	Qtz float	Float, White Fractured Qtz with minor MnO	WHI13000401
1962106	Rock	Bonanza	24-Aug-13	FV	592619	7091230	grab	Qtz float	White Fractured Qtz with minor MnO	WHI13000401
1962107	Rock	Bonanza	24-Aug-13	FV	592609	7091239	grab	QV in OC	Fractured Qtz with minor limonite stain	WHI13000401
1962108	Rock	Bonanza	24-Aug-13	FV	592589	7091229	grab	Qtz SC	Fractured Qtz with minor limonite stain	WHI13000401
1962109	Rock	Bonanza	24-Aug-13	FV	592535	7091204	grab	Qtz float	Fractured Qtz float, red stain oxidation in fractures, qtz crystal development	WHI13000401
1962110	Rock	Bonanza	25-Aug-13	FV	592526	7091204	grab	alt Fsp schist	Float, altered fsp schist, minor Py, (alt wallrock?)	WHI13000401
1962111	Rock	Bonanza	25-Aug-13	FV	592509	7091195	grab	Float QV or dyke	Float, Brecciated QV or felsic dyke, greenish, fsp, qtz	WHI13000401
1962112	Rock	Bonanza	25-Aug-13	FV	592497	7091189	grab	Qtz float	Float, quartz, fractured, minor MnO and hematite stain	WHI13000401
1962113	Rock	Bonanza	25-Aug-13	FV	592053	7090978	grab	Qtz float	Next to Vein, Float, Fractured quartz	WHI13000401
1962114	Rock	Bonanza	25-Aug-13	FV	591975	7091001	grab	Qtz float	Next to Vein, Float, Fractured white quartz	WHI13000401
1962115	Rock	Bonanza	25-Aug-13	FV	591949	7091006	grab	Qtz float	Float, fractured qtz, minor stain	WHI13000401
1962116	Rock	Bonanza	25-Aug-13	FV	591809	7091068	grab	Qtz float	Fractured quartz, muscovite in fractures, minor stain, float	WHI13000401
1962117	Rock	Bonanza	25-Aug-13	FV	592157	7091012	grab	Qtz float	Next to vein, float, white fract qtz, minor clay, chlorite	WHI13000401
1962118	Rock	Bonanza	25-Aug-13	FV	592171	7091023	grab	Qtz float	float, white fract qtz, minor stain	WHI13000401
1962119	Rock	Bonanza	25-Aug-13	FV	591144	7091278	grab	Qtz float	float, white fract qtz, minor limonite stain	WHI13000401
1962120	Rock	Bonanza	25-Aug-13	FV	591123	7091282	grab	Qtz float	Next to Vein, Float, Fractured quartz, limonite	WHI13000401
1962121	Rock	Bonanza	25-Aug-13	FV	590312	7091344	grab	Qtz float	Float, qtz with fsp, chl, lim, ser	WHI13000401
1962122	Rock	Bonanza	25-Aug-13	FV	590592	7091269	grab	Qtz float	Float, Fractured qtz with minor MnO	WHI13000401

2013 Bonanza Property Rock Sample Metadata

SampleID	Sample_Type	Location	Date	Sampler	UTM_East	UTM_North	Collection_Method	Rock_Type	Notes	Certificate_ID
1962123	Rock	Bonanza	25-Aug-13	FV	590255	7091331	grab	Qtz float	Float, Fractured qtz with limonite stain	WHI13000401
1962124	Rock	Bonanza	25-Aug-13	FV	590455	7091476	grab	Qtz float	Float, Fractured qtz with minor MnO	WHI13000401
1962125	Rock	Bonanza	25-Aug-13	FV	590057	7091392	grab	Qtz float	Float, Fractured qtz, MnO, limonite, qtz crystal development	WHI13000401
1962126	Rock	Bonanza	26-Aug-13	FV	587935	7096678	grab	QV SC	Abundant qtz over several meters around sample site, Qtz- fsp-chl schist with qtz stockwork	WHI13000401
1962127	Rock	Bonanza	26-Aug-13	FV	586892	7097529	grab	Qtz float	Qtz float, fractured, minor limonite stain, minor limonite after py	WHI13000401
1962128	Rock	Bonanza	27-Aug-13	FV	586898	7093216	grab	Qtz OC	OC in trench, brecciated felsic dyke with limonite	WHI13000401
1962129	Rock	Bonanza	27-Aug-13	FV	586895	7093232	grab	Qtz float	Qtz next to outcrop, light and dark limonite	WHI13000401
1962130	Rock	Bonanza	27-Aug-13	FV	586892	7093245	grab	Qtz OC	Qtz next to trench	WHI13000401
1962131	Rock	Bonanza	27-Aug-13	FV	586908	7093265	grab	Qtz float	Float qtz with Fe Carb (siderite, ankerite), Fractured	WHI13000401
1962132	Rock	Bonanza	27-Aug-13	FV	587188	7092901	grab	Qtz float	Float, fractured qtz with crystal development, limonite, MnO	WHI13000401
1962133	Rock	Bonanza	27-Aug-13	FV	587694	7092182	grab	Qtz float	Float, fractured qtz with limonite and minor arsenopyrite	WHI13000401
1962134	Rock	Bonanza	27-Aug-13	FV	587694	7092183	grab	Qtz float	Float, fractured qtz with minor fsp, minor limonite	WHI13000401
1962135	Rock	Bonanza	27-Aug-13	FV	587688	7092184	grab	Qtz float	Float, qtz stained brown with tr sulphides	WHI13000401
1962136	Rock	Bonanza	27-Aug-13	FV	587841	7092178	grab	Qtz float	Float, QV 2 in thick with altered schist wallrock, quartz crystal development, minor sulphides, limonite	WHI13000401
1962137	Rock	Bonanza	27-Aug-13	FV	587236	7092852	grab	Qtz float	Float, schist with 5 mm qtz veinlet, dischodant, limonite	WHI13000401
1962138	Rock	Bonanza	27-Aug-13	FV	587236	7092852	grab	QV Float	Float, QV with minor limonite and clay, fractured	WHI13000401
1962139	Rock	Bonanza	27-Aug-13	FV	587238	7092849	grab	QV Float	Float 1 inch wide vn with limonite after py, qtz crystal development	WHI13000401
1962140	Rock	Bonanza	27-Aug-13	FV	587236	7092852	grab	QV Float	Float, vein qtz with minor sulphide	WHI13000401
1962141	Rock	Bonanza	27-Aug-13	FV	587236	7092852	grab	QV Float	Float, Vein qtz with minor limonite after pyrite	WHI13000401
1962142	Rock	Bonanza	27-Aug-13	FV	587236	7092852	grab	Qtz float	Float qtz sampled	WHI13000401
1962143	Rock	Bonanza	27-Aug-13	FV	587236	7092852	grab	QV Float	Float, qtz vein with qtz crystals, limonite	WHI13000401
1962145	Rock	Bonanza	30-Aug-13	FV	587802	7095316	grab	VMS?	Massive MnO, minor qtz, fsp, clay, rep sample (iain's note: VMS/Exhalitie? By description)	WHI13000401
1962146	Rock	Bonanza	30-Aug-13	FV	587799	7095328	grab	QV Float	White Fractured Qtz with limonite	WHI13000401
1962147	Rock	Bonanza	30-Aug-13	FV	587796	7095323	grab	QV Float	Float, local, vein qtz, fractured, limonite stain, limonite	WHI13000401

2013 Bonanza Property Rock Sample Metadata

SampleID	Sample_Type	Location	Date	Sampler	UTM_East	UTM_North	Collection_Method	Rock_Type	Notes	Certificate_ID
1962148	Rock	Bonanza	30-Aug-13	FV	587764	7095415	grab	QV Float	Float, local, vein qtz, fractured, limonite stain, minor sulphides (NOTE: UTM Estimate from previous and next sample)	WHI13000401
1962149	Rock	Bonanza	30-Aug-13	FV	587732	7095508	grab	QV Float	Local Float or SC, Vein quartz, stockwork, Fractured quartz crystal development, Sulphides, arsenopyrite, chalcopyrite, minor limonite	WHI13000401
1962150	Rock	Bonanza	30-Aug-13	FV	587727	7095502	grab	QV Float	Float local, stockwork, QV in Qtz-fsp, mus schist, minor pyrite/limonite	WHI13000401

APPENDIX IV

ROCK ANALYTICAL CERTIFICATES



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 09, 2013
Report Date: September 21, 2013
Page: 1 of 5

CERTIFICATE OF ANALYSIS

WHI13000401.1

CLIENT JOB INFORMATION

Project: Bonanza
Shipment ID: KGR13-006
P.O. Number
Number of Samples: 93

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Table with 6 columns: Procedure Code, Number of Samples, Code Description, Test Wgt (g), Report Status, Lab. Contains two rows of sample preparation and analysis data.

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 90 days Invoice for Storage

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:



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

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

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

Project: Bonanza
Report Date: September 21, 2013

Page: 2 of 5 Part: 1 of 2

CERTIFICATE OF ANALYSIS

WHI13000401.1

Method Analyte Unit MDL	WGHT Wgt kg	1DX15 Mo ppm	1DX15 Cu ppm	1DX15 Pb ppm	1DX15 Zn ppm	1DX15 Ag ppm	1DX15 Ni ppm	1DX15 Co ppm	1DX15 Mn ppm	1DX15 Fe %	1DX15 As ppm	1DX15 Au ppb	1DX15 Th ppm	1DX15 Sr ppm	1DX15 Cd ppm	1DX15 Sb ppm	1DX15 Bi ppm	1DX15 V ppm	1DX15 Ca %	1DX15 P %	
	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	
1962101	Rock	0.81	0.2	1.9	14.1	2	<0.1	2.1	1.6	135	0.42	2.4	<0.5	2.3	1	<0.1	0.1	<0.1	<2	<0.01	0.003
1962102	Rock	0.61	0.1	0.8	1.8	2	<0.1	1.0	0.5	62	0.27	0.6	<0.5	0.7	1	<0.1	<0.1	<0.1	<2	0.03	0.012
1962103	Rock	0.71	0.3	1.0	14.7	20	0.2	2.1	2.1	239	0.77	1.3	<0.5	2.0	21	<0.1	<0.1	0.5	2	0.11	0.015
1962104	Rock	0.83	0.2	5.0	19.4	12	<0.1	1.7	0.8	83	0.95	37.7	<0.5	5.7	8	<0.1	0.2	<0.1	4	0.04	0.023
1962105	Rock	0.66	0.1	0.5	1.7	2	<0.1	0.8	0.3	55	0.32	<0.5	<0.5	0.5	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
1962106	Rock	0.59	<0.1	0.5	0.1	<1	<0.1	0.6	<0.1	37	0.26	0.6	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
1962107	Rock	0.87	<0.1	1.3	4.8	<1	<0.1	0.9	0.2	53	0.32	1.4	<0.5	0.3	<1	<0.1	<0.1	0.2	<2	<0.01	0.002
1962108	Rock	1.19	<0.1	1.1	2.0	2	<0.1	0.8	0.3	59	0.30	2.7	<0.5	0.2	<1	<0.1	<0.1	<0.1	<2	<0.01	0.001
1962109	Rock	1.04	<0.1	0.6	0.6	<1	<0.1	0.8	0.3	55	0.26	0.7	<0.5	0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	0.002
1962110	Rock	0.66	0.2	1.5	6.9	3	<0.1	0.8	1.1	61	0.73	3.1	<0.5	10.8	2	<0.1	<0.1	<0.1	<2	<0.01	0.007
1962111	Rock	1.16	0.3	2.4	9.5	8	<0.1	1.5	1.5	73	0.61	11.5	<0.5	8.5	4	<0.1	0.1	<0.1	<2	<0.01	0.005
1962112	Rock	1.01	<0.1	0.6	1.8	1	<0.1	0.9	0.4	70	0.28	0.8	<0.5	0.7	<1	<0.1	<0.1	<0.1	<2	<0.01	0.001
1962113	Rock	0.69	<0.1	1.6	0.9	<1	<0.1	0.8	0.8	71	0.32	0.6	<0.5	1.2	<1	<0.1	<0.1	<0.1	<2	<0.01	0.002
1962114	Rock	0.76	0.1	0.8	3.8	3	<0.1	0.9	0.2	62	0.37	0.6	<0.5	1.5	<1	<0.1	<0.1	<0.1	<2	<0.01	0.001
1962115	Rock	0.72	<0.1	1.0	1.6	1	<0.1	0.9	0.2	47	0.37	0.6	<0.5	0.3	<1	<0.1	<0.1	<0.1	<2	<0.01	0.001
1962116	Rock	0.99	<0.1	1.2	2.4	3	<0.1	0.7	0.2	31	0.28	0.7	<0.5	1.1	<1	<0.1	<0.1	0.2	<2	<0.01	0.001
1962117	Rock	1.13	0.1	1.5	7.4	1	<0.1	0.8	0.5	76	0.32	0.9	<0.5	0.8	1	<0.1	<0.1	0.1	<2	<0.01	0.003
1962118	Rock	0.63	0.1	0.4	0.4	<1	<0.1	0.7	0.2	41	0.30	0.5	<0.5	0.2	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
1962119	Rock	0.77	0.2	0.4	3.2	3	0.4	1.0	0.2	47	0.39	<0.5	<0.5	0.4	<1	<0.1	<0.1	0.6	<2	0.01	0.007
1962120	Rock	0.85	0.4	0.9	15.8	3	0.3	1.4	0.4	57	0.42	1.1	<0.5	0.8	<1	<0.1	<0.1	0.5	<2	0.01	0.005
1962121	Rock	1.02	<0.1	2.1	26.6	5	<0.1	0.7	1.0	102	0.44	7.0	<0.5	3.6	16	<0.1	0.1	0.3	<2	0.11	0.010
1962122	Rock	0.93	<0.1	1.1	14.1	7	<0.1	1.3	0.9	98	0.40	2.6	<0.5	0.7	<1	<0.1	<0.1	<0.1	<2	<0.01	0.003
1962123	Rock	0.64	<0.1	0.5	1.2	<1	<0.1	0.8	0.2	37	0.25	1.0	<0.5	0.2	<1	<0.1	<0.1	<0.1	<2	<0.01	0.001
1962124	Rock	1.04	0.1	0.7	12.6	7	<0.1	1.5	1.2	183	0.45	4.2	<0.5	1.1	10	0.2	<0.1	<0.1	<2	0.17	0.004
1962125	Rock	1.11	0.1	0.6	35.8	8	<0.1	0.7	0.7	148	0.34	26.2	<0.5	0.8	<1	<0.1	<0.1	<0.1	<2	<0.01	0.004
1962126	Rock	0.90	0.1	1.8	8.2	8	<0.1	0.6	0.4	40	0.59	2.5	<0.5	8.3	3	<0.1	0.1	0.1	<2	<0.01	0.007
1962127	Rock	0.77	0.2	2.8	19.8	2	0.2	1.0	0.2	62	0.46	0.8	1.6	3.3	5	<0.1	0.2	<0.1	<2	0.01	0.001
1962128	Rock	0.63	2.4	2.4	8.6	25	1.0	1.8	1.1	54	0.66	617.1	106.7	9.3	9	<0.1	5.2	<0.1	<2	0.04	0.006
1962129	Rock	0.54	0.5	4.5	14.6	25	<0.1	5.3	1.9	854	1.12	6.8	<0.5	1.3	10	0.2	0.3	<0.1	3	0.03	0.008
1962130	Rock	1.21	0.7	8.8	38.4	30	0.4	4.0	2.3	256	1.02	262.7	8.2	3.4	30	1.1	1.5	<0.1	2	0.11	0.023

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

WHI13000401.1

Method	Analyte	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	0.01	0.01	0.1	0.01	0.05	1	0.5	0.2
1962101	Rock	<1	8	0.02	23	0.002	<1	0.13	0.001	0.02	<0.1	<0.01	0.8	<0.1	<0.05	<1	<0.5	<0.2
1962102	Rock	<1	8	0.03	17	0.001	<1	0.07	0.002	0.02	<0.1	<0.01	0.3	<0.1	<0.05	<1	<0.5	<0.2
1962103	Rock	3	9	0.26	68	0.002	<1	0.42	0.023	0.08	<0.1	<0.01	0.8	<0.1	<0.05	2	<0.5	<0.2
1962104	Rock	6	7	0.08	131	0.001	<1	0.32	0.010	0.18	<0.1	<0.01	1.4	<0.1	<0.05	2	<0.5	<0.2
1962105	Rock	<1	7	0.03	20	<0.001	<1	0.06	0.001	0.02	<0.1	<0.01	0.3	<0.1	<0.05	<1	<0.5	<0.2
1962106	Rock	<1	7	<0.01	2	<0.001	<1	<0.01	0.001	<0.01	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2
1962107	Rock	<1	8	<0.01	24	<0.001	<1	0.03	0.001	0.02	<0.1	<0.01	0.3	<0.1	<0.05	<1	<0.5	<0.2
1962108	Rock	<1	9	<0.01	16	<0.001	<1	0.02	0.001	<0.01	<0.1	<0.01	0.3	<0.1	<0.05	<1	<0.5	<0.2
1962109	Rock	<1	10	<0.01	23	<0.001	<1	0.02	<0.001	0.01	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2
1962110	Rock	23	5	0.01	102	0.001	<1	0.17	0.015	0.17	<0.1	<0.01	0.6	<0.1	<0.05	<1	<0.5	<0.2
1962111	Rock	17	6	0.01	129	0.001	<1	0.22	0.004	0.19	<0.1	<0.01	0.7	<0.1	<0.05	<1	<0.5	<0.2
1962112	Rock	1	9	<0.01	23	<0.001	1	0.04	0.002	0.02	<0.1	<0.01	0.3	<0.1	<0.05	<1	<0.5	<0.2
1962113	Rock	1	11	<0.01	27	<0.001	<1	0.06	0.016	0.02	<0.1	<0.01	0.4	<0.1	<0.05	<1	<0.5	<0.2
1962114	Rock	2	10	0.02	81	<0.001	<1	0.05	0.002	0.03	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2
1962115	Rock	<1	10	0.01	25	<0.001	<1	0.02	0.003	<0.01	<0.1	<0.01	0.3	<0.1	<0.05	<1	<0.5	<0.2
1962116	Rock	2	10	0.03	25	<0.001	<1	0.07	0.004	0.02	<0.1	<0.01	0.4	<0.1	<0.05	<1	<0.5	<0.2
1962117	Rock	1	10	<0.01	54	<0.001	<1	0.04	0.005	0.03	<0.1	<0.01	0.3	<0.1	<0.05	<1	<0.5	<0.2
1962118	Rock	<1	11	<0.01	30	<0.001	<1	0.01	<0.001	<0.01	<0.1	<0.01	0.3	<0.1	<0.05	<1	<0.5	<0.2
1962119	Rock	<1	11	0.06	30	<0.001	<1	0.08	0.002	0.02	<0.1	<0.01	0.4	<0.1	<0.05	<1	<0.5	<0.2
1962120	Rock	1	9	0.06	21	<0.001	<1	0.08	0.012	0.01	<0.1	<0.01	0.5	<0.1	<0.05	<1	<0.5	<0.2
1962121	Rock	8	8	0.01	89	<0.001	3	0.26	0.018	0.14	<0.1	<0.01	0.6	<0.1	<0.05	1	<0.5	<0.2
1962122	Rock	1	11	0.04	26	<0.001	<1	0.09	0.004	0.04	<0.1	<0.01	0.5	<0.1	<0.05	<1	<0.5	<0.2
1962123	Rock	<1	10	<0.01	7	<0.001	<1	0.02	0.002	<0.01	<0.1	<0.01	0.3	<0.1	<0.05	<1	<0.5	<0.2
1962124	Rock	3	11	0.08	56	<0.001	<1	0.13	0.001	0.04	<0.1	<0.01	0.9	<0.1	<0.05	<1	<0.5	<0.2
1962125	Rock	2	12	0.02	28	<0.001	<1	0.05	<0.001	0.02	<0.1	<0.01	0.3	<0.1	<0.05	<1	<0.5	<0.2
1962126	Rock	19	6	0.01	104	<0.001	<1	0.18	0.007	0.22	<0.1	<0.01	0.9	<0.1	<0.05	<1	<0.5	<0.2
1962127	Rock	8	10	<0.01	299	0.002	<1	0.05	0.002	0.02	<0.1	<0.01	0.4	<0.1	<0.05	<1	<0.5	<0.2
1962128	Rock	26	4	0.04	106	<0.001	<1	0.25	<0.001	0.19	<0.1	<0.01	0.9	0.1	<0.05	<1	<0.5	<0.2
1962129	Rock	5	7	0.02	185	<0.001	<1	0.10	<0.001	0.05	<0.1	<0.01	1.6	<0.1	<0.05	<1	<0.5	<0.2
1962130	Rock	9	8	0.21	135	<0.001	<1	0.31	0.001	0.14	<0.1	<0.01	1.3	<0.1	<0.05	<1	<0.5	<0.2

CERTIFICATE OF ANALYSIS

WHI13000401.1

Method Analyte	Unit	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
MDL	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1962131	Rock	0.81	0.3	3.9	12.4	18	<0.1	1.6	1.1	764	0.87	22.7	1.0	2.0	126	0.2	0.4	<0.1	<2	2.18	0.008
1962132	Rock	1.55	0.2	0.7	3.8	4	<0.1	0.9	0.2	87	0.39	30.9	<0.5	0.5	<1	<0.1	0.3	<0.1	<2	<0.01	0.002
1962133	Rock	0.75	0.4	1.9	17.1	16	0.4	1.4	1.8	249	0.79	614.6	535.3	1.9	2	0.1	0.9	0.1	<2	0.01	0.004
1962134	Rock	1.02	0.1	0.9	12.9	5	0.1	0.7	0.5	45	0.45	367.4	5.6	4.1	13	0.1	0.7	<0.1	<2	0.02	0.011
1962135	Rock	0.20	0.6	1.4	83.9	10	3.9	1.0	0.3	47	0.72	1488	21840	0.2	2	0.2	1.2	0.9	<2	0.01	0.003
1962136	Rock	1.56	0.2	1.4	5.3	5	0.7	1.0	1.4	83	0.66	934.0	3307	4.7	3	0.3	2.5	<0.1	<2	0.01	0.004
1962137	Rock	0.98	0.1	3.3	15.2	5	0.1	1.0	0.4	51	0.52	18.1	226.5	7.0	30	<0.1	0.1	0.2	<2	0.10	0.012
1962138	Rock	1.72	0.1	1.1	79.7	3	1.4	0.9	0.1	58	0.29	39.6	114.4	0.3	<1	<0.1	0.3	2.2	<2	<0.01	0.001
1962139	Rock	0.55	<0.1	1.0	40.0	7	2.4	0.8	0.2	38	0.37	36.0	4455	0.5	2	0.1	0.4	0.4	<2	<0.01	<0.001
1962140	Rock	0.56	<0.1	9.4	118.6	22	>100	0.7	0.1	30	0.33	54.2	22657	0.1	<1	2.3	61.1	0.8	<2	<0.01	<0.001
1962141	Rock	1.79	<0.1	2.4	40.3	15	6.0	0.7	0.2	35	0.33	27.7	1697	0.3	<1	0.1	3.2	0.4	<2	<0.01	<0.001
1962142	Rock	1.33	0.1	2.1	5.2	5	1.2	0.7	0.2	47	0.36	12.6	211.4	0.9	<1	<0.1	0.5	0.6	<2	<0.01	0.002
1962143	Rock	0.49	0.1	6.9	22.9	22	0.8	1.0	0.5	172	0.75	65.3	112.8	3.0	1	<0.1	0.8	0.2	<2	<0.01	0.002
1962144	Rock	0.14	0.8	3.9	6.0	39	0.4	5.1	3.9	303	1.60	8.0	699.5	0.1	2	0.1	0.2	0.2	13	0.01	0.015
1962145	Rock	1.59	15.5	123.8	78.7	232	7.7	215.8	74.5	>10000	1.08	364.8	16.7	2.2	1276	12.4	8.1	0.1	<2	0.33	0.008
1962146	Rock	0.44	1.2	83.2	41.8	29	1.3	7.7	6.2	256	1.49	43.9	11.4	1.4	4	0.4	1.3	<0.1	<2	<0.01	0.002
1962147	Rock	0.97	0.6	123.9	109.5	120	0.6	4.4	1.5	178	1.71	61.8	<0.5	0.4	3	0.6	2.2	0.2	4	0.01	0.010
1962148	Rock	1.06	0.3	2.9	127.7	17	0.9	2.4	0.7	292	0.37	59.5	1.4	0.1	2	0.3	0.4	0.9	<2	<0.01	<0.001
1962149	Rock	1.45	0.2	2.9	223.2	9	1.1	2.2	5.3	53	0.65	2110	9.1	9.2	3	0.2	1.0	1.1	<2	<0.01	0.002
1962150	Rock	1.54	0.2	19.0	32.5	29	0.3	1.8	0.6	122	0.45	25.7	<0.5	16.4	4	0.2	0.4	0.3	<2	0.01	0.004
1962235	Rock	0.51	4.1	9.2	438.1	27	0.9	0.8	0.3	29	3.20	34.5	<0.5	7.5	14	<0.1	11.0	0.6	<2	<0.01	0.018
1962236	Rock	1.08	1.0	4.6	7.4	25	<0.1	0.7	0.3	44	0.53	23.2	8.1	11.1	1	0.1	0.2	<0.1	<2	<0.01	0.003
1962237	Rock	0.79	0.1	1.4	3.8	2	<0.1	0.8	0.2	51	0.34	2.4	4.5	0.6	<1	<0.1	0.1	<0.1	<2	<0.01	<0.001
1962238	Rock	0.59	0.2	2.4	20.0	22	<0.1	5.6	4.4	278	0.77	7.1	5.4	3.6	2	<0.1	<0.1	0.4	4	0.03	0.018
1962239	Rock	0.47	<0.1	0.9	14.3	2	0.2	1.4	0.5	71	0.45	8.3	5.4	0.2	2	<0.1	<0.1	0.5	<2	0.02	0.009
1962240	Rock	0.98	<0.1	0.5	1.9	1	<0.1	0.7	0.6	84	0.30	1.3	2.8	0.3	2	<0.1	<0.1	<0.1	<2	0.03	0.016
1962241	Rock	0.96	0.1	3.5	24.9	11	0.2	1.6	1.4	124	0.51	14.4	1.6	3.1	7	<0.1	<0.1	0.4	<2	0.05	0.026
1962242	Rock	0.69	<0.1	0.5	21.1	3	0.4	1.2	0.5	64	0.30	6.8	2.7	0.5	<1	<0.1	<0.1	0.9	<2	0.02	0.012
1962243	Rock	0.86	0.2	0.9	29.8	13	0.5	0.9	0.5	126	0.42	5.0	1.6	1.0	1	<0.1	<0.1	1.0	<2	<0.01	0.003
1962244	Rock	0.58	0.4	11.1	23.0	26	0.2	1.6	1.5	321	1.16	9.4	2.5	5.6	6	<0.1	0.4	0.4	4	0.04	0.012

CERTIFICATE OF ANALYSIS

WHI13000401.1

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	0.01	0.1	0.01	0.05	1	0.5	0.2	
1962131	Rock	6	10	0.81	2657	<0.001	<1	0.10	0.006	0.07	<0.1	<0.01	0.7	<0.1	0.06	<1	<0.5	<0.2
1962132	Rock	1	11	0.01	26	<0.001	<1	0.04	0.001	0.02	<0.1	<0.01	0.4	0.1	<0.05	<1	<0.5	<0.2
1962133	Rock	2	9	0.09	97	<0.001	<1	0.15	0.006	0.03	<0.1	<0.01	0.5	<0.1	<0.05	<1	<0.5	<0.2
1962134	Rock	13	4	<0.01	161	<0.001	<1	0.15	0.004	0.16	<0.1	0.01	0.6	<0.1	<0.05	<1	<0.5	<0.2
1962135	Rock	<1	5	<0.01	100	<0.001	<1	0.02	<0.001	<0.01	<0.1	<0.01	0.1	<0.1	0.05	<1	<0.5	<0.2
1962136	Rock	14	5	0.01	119	<0.001	2	0.16	0.009	0.13	<0.1	<0.01	0.5	<0.1	<0.05	<1	<0.5	<0.2
1962137	Rock	6	3	0.02	187	0.003	2	0.35	0.023	0.16	<0.1	<0.01	1.3	<0.1	<0.05	1	<0.5	<0.2
1962138	Rock	<1	5	<0.01	26	<0.001	<1	0.03	0.002	0.02	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2
1962139	Rock	<1	5	<0.01	14	<0.001	<1	0.02	0.002	0.01	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2
1962140	Rock	<1	5	<0.01	17	<0.001	<1	0.01	<0.001	<0.01	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2
1962141	Rock	<1	6	0.02	25	<0.001	<1	0.03	0.001	0.02	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2
1962142	Rock	1	5	0.05	24	<0.001	<1	0.10	0.016	0.02	<0.1	<0.01	0.3	<0.1	<0.05	<1	<0.5	<0.2
1962143	Rock	3	5	0.13	26	<0.001	2	0.18	0.001	0.02	<0.1	0.02	1.0	<0.1	<0.05	<1	<0.5	<0.2
1962144	Rock	<1	8	0.01	31	<0.001	<1	0.07	0.007	0.01	<0.1	<0.01	4.5	<0.1	<0.05	<1	<0.5	<0.2
1962145	Rock	26	6	0.05	657	0.001	<1	0.33	0.059	0.78	22.9	0.02	3.9	<0.1	<0.05	6	0.5	<0.2
1962146	Rock	1	4	<0.01	92	<0.001	<1	0.04	0.002	0.02	0.1	0.02	<0.1	<0.1	<0.05	<1	0.7	<0.2
1962147	Rock	3	9	0.11	28	<0.001	<1	0.20	<0.001	<0.01	<0.1	0.02	0.5	<0.1	<0.05	1	<0.5	<0.2
1962148	Rock	<1	5	<0.01	89	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
1962149	Rock	9	4	0.02	141	<0.001	2	0.18	0.017	0.14	<0.1	<0.01	0.2	<0.1	0.23	<1	1.5	<0.2
1962150	Rock	29	3	0.01	160	<0.001	1	0.21	0.018	0.17	<0.1	0.02	0.7	0.2	<0.05	<1	<0.5	<0.2
1962235	Rock	10	3	0.01	454	0.001	<1	0.14	0.109	0.11	0.1	0.14	0.4	<0.1	0.32	1	<0.5	<0.2
1962236	Rock	10	2	<0.01	52	<0.001	<1	0.15	0.003	0.15	<0.1	0.01	0.8	<0.1	<0.05	<1	<0.5	<0.2
1962237	Rock	<1	5	<0.01	91	<0.001	<1	0.04	0.002	0.02	<0.1	0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2
1962238	Rock	2	7	0.49	34	0.002	<1	0.54	0.009	0.01	<0.1	<0.01	1.0	<0.1	<0.05	2	<0.5	<0.2
1962239	Rock	<1	5	0.03	19	<0.001	<1	0.07	0.005	0.01	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2
1962240	Rock	<1	5	0.02	20	0.001	1	0.09	0.046	0.02	<0.1	0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2
1962241	Rock	4	4	0.07	99	<0.001	<1	0.26	0.029	0.15	<0.1	<0.01	0.7	<0.1	<0.05	1	<0.5	<0.2
1962242	Rock	<1	4	0.02	16	<0.001	1	0.08	0.017	0.02	<0.1	<0.01	0.3	<0.1	<0.05	<1	<0.5	<0.2
1962243	Rock	<1	6	0.02	34	<0.001	<1	0.09	0.005	0.04	<0.1	<0.01	0.3	<0.1	<0.05	<1	<0.5	<0.2
1962244	Rock	5	4	0.18	205	0.003	<1	0.45	0.005	0.15	<0.1	<0.01	2.1	<0.1	<0.05	3	<0.5	<0.2

CERTIFICATE OF ANALYSIS

WHI13000401.1

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	
1962245	Rock	0.74	0.1	0.7	0.5	<1	<0.1	0.7	0.3	53	0.35	1.3	<0.5	0.1	<1	<0.1	<0.1	<2	<0.01	<0.001	
1962246	Rock	0.48	0.1	5.8	6.0	5	<0.1	0.8	2.5	122	0.38	5.0	4.5	6.1	3	<0.1	<0.1	<2	0.02	0.010	
1962247	Rock	0.75	0.4	1.8	33.0	21	<0.1	2.3	2.8	210	1.07	4.9	<0.5	8.5	5	<0.1	0.2	<2	0.03	0.016	
1962248	Rock	0.60	0.2	8.3	19.2	21	<0.1	2.2	3.1	147	0.96	5.5	<0.5	8.0	4	<0.1	<0.1	3	0.03	0.015	
1962249	Rock	0.49	<0.1	2.0	54.2	10	0.1	0.9	0.9	108	0.48	7.9	<0.5	3.7	12	<0.1	0.1	<2	0.09	0.047	
1962250	Rock	0.85	<0.1	0.4	0.4	<1	<0.1	0.8	0.1	36	0.31	0.9	<0.5	<0.1	<1	<0.1	<0.1	<2	<0.01	0.001	
1959563	Rock	1.21	0.8	5.9	72.2	62	<0.1	1.4	0.5	64	1.03	4.6	<0.5	6.6	9	0.3	0.2	<2	0.01	0.022	
1959564	Rock	0.69	1.9	2.2	20.6	32	0.1	0.7	1.0	75	0.57	75.1	4.9	9.4	1	0.1	0.4	<2	<0.01	0.004	
1959565	Rock	0.48	0.2	0.9	2.6	3	<0.1	0.7	0.2	37	0.27	2.0	<0.5	0.7	<1	<0.1	0.1	<2	<0.01	0.001	
1959566	Rock	0.70	1.3	5.0	186.2	89	0.3	2.0	4.9	154	1.66	273.9	0.7	12.0	4	0.4	0.7	4	<0.01	0.020	
1959567	Rock	0.94	2.2	6.1	324.4	218	0.4	2.0	4.8	256	3.20	317.7	10.8	13.2	2	0.3	1.4	4	<0.01	0.023	
1959568	Rock	0.86	0.2	1.4	5.2	8	0.1	1.7	0.9	113	0.54	233.8	<0.5	0.9	11	<0.1	0.8	<2	0.14	0.067	
1959569	Rock	1.77	0.2	4.5	9.1	2	0.4	0.8	0.2	246	0.24	13.0	<0.5	0.3	<1	<0.1	1.0	<2	<0.01	<0.001	
1959570	Rock	1.13	<0.1	1.3	6.8	12	<0.1	0.8	0.1	97	0.45	43.7	<0.5	1.6	1	<0.1	0.1	<2	0.02	0.009	
1959571	Rock	0.98	<0.1	3.1	4.1	2	<0.1	0.6	0.2	36	0.24	3.6	<0.5	0.7	<1	<0.1	<0.1	<2	<0.01	<0.001	
1959572	Rock	1.71	0.1	2.2	11.1	4	0.1	0.8	0.2	45	0.31	11.3	<0.5	0.8	3	<0.1	<0.1	<2	<0.01	0.003	
1959573	Rock	0.88	0.3	0.8	63.8	18	0.4	0.9	0.4	43	0.50	56.6	4.4	0.2	1	<0.1	0.2	<2	<0.01	0.001	
1959574	Rock	0.84	0.1	1.1	7.5	4	<0.1	0.9	0.3	38	0.31	6.4	<0.5	0.9	<1	<0.1	0.1	<2	0.01	0.001	
1959575	Rock	0.45	40.2	17.0	73.6	260	1.7	40.9	8.3	>10000	0.85	52.3	<0.5	2.5	146	16.3	1.8	3	0.07	0.006	
1959576	Rock	0.58	0.4	3.5	33.5	11	0.5	1.1	0.5	82	0.39	4.3	<0.5	1.2	<1	<0.1	1.1	<2	<0.01	0.003	
1959577	Rock	1.30	0.4	2.2	738.7	17	2.3	1.1	0.2	23	0.29	5.2	1.3	11.2	3	<0.1	0.6	<2	<0.01	0.003	
1959578	Rock	0.72	1.3	7.4	22.4	35	0.1	6.2	0.9	241	0.48	3.1	<0.5	0.7	59	1.5	0.2	7	0.89	0.006	
1959579	Rock	0.64	0.2	0.7	252.2	3	1.6	0.9	0.1	38	0.34	5.4	1.3	0.2	<1	<0.1	0.4	<2	<0.01	<0.001	
1959580	Rock	0.76	1.1	8.9	416.5	96	1.6	10.1	2.5	494	2.19	851.8	16.8	12.8	16	0.6	1.0	21	0.13	0.034	
1959581	Rock	0.69	1.3	16.8	4.2	129	<0.1	20.7	30.4	1231	7.10	19.6	<0.5	1.6	147	0.2	0.5	159	2.66	0.307	
1959582	Rock	1.23	0.4	3.0	21.5	33	0.4	1.4	0.4	56	0.63	389.7	107.8	14.8	11	0.2	0.7	<2	0.10	0.008	
1959583	Rock	0.42	0.1	4.6	72.6	6	0.6	1.6	0.4	184	0.40	2.6	6.9	0.7	19	0.3	1.0	<2	0.42	<0.001	
1959584	Rock	0.72	<0.1	1.0	14.7	5	0.1	0.5	0.7	83	0.55	1.4	4.5	18.1	27	<0.1	<0.1	<2	0.47	0.009	
1959585	Rock	1.52	0.1	6.5	20.0	19	0.4	0.3	1.4	147	1.20	1.0	<0.5	16.6	143	0.1	0.3	<2	1.23	0.005	
1959586	Rock	1.79	0.7	12.2	26.0	5	0.5	0.8	0.5	165	0.48	4.8	88.1	8.5	239	0.3	<0.1	0.1	<2	2.65	0.003

CERTIFICATE OF ANALYSIS

WHI13000401.1

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	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.01	0.05	1	0.5	0.2	0.2
1962245	Rock	<1	4	<0.01	6	<0.001	<1	0.02	<0.001	<0.01	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2
1962246	Rock	29	3	0.03	73	<0.001	<1	0.28	<0.001	0.14	<0.1	0.01	0.7	<0.1	<0.05	<1	<0.5	<0.2
1962247	Rock	16	4	0.15	75	<0.001	<1	0.45	0.012	0.13	<0.1	<0.01	1.5	<0.1	<0.05	2	<0.5	<0.2
1962248	Rock	8	5	0.15	106	0.002	2	0.39	0.008	0.16	<0.1	<0.01	0.9	<0.1	<0.05	2	<0.5	<0.2
1962249	Rock	11	4	0.05	121	<0.001	<1	0.23	0.008	0.15	<0.1	<0.01	1.2	<0.1	<0.05	<1	<0.5	<0.2
1962250	Rock	<1	5	<0.01	5	<0.001	2	<0.01	<0.001	<0.01	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2
1959563	Rock	12	5	0.03	92	<0.001	2	0.20	0.004	0.12	<0.1	<0.01	1.3	<0.1	<0.05	<1	<0.5	<0.2
1959564	Rock	20	3	0.01	90	<0.001	1	0.22	0.009	0.14	<0.1	<0.01	0.9	<0.1	<0.05	<1	<0.5	<0.2
1959565	Rock	<1	8	0.02	22	<0.001	<1	0.05	0.007	0.02	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2
1959566	Rock	27	6	0.05	127	0.001	<1	0.36	0.002	0.17	<0.1	0.01	1.1	0.1	<0.05	2	0.6	<0.2
1959567	Rock	26	4	0.07	95	0.001	1	0.43	0.001	0.19	<0.1	0.01	1.2	0.1	<0.05	3	1.9	<0.2
1959568	Rock	3	8	0.07	45	<0.001	<1	0.18	0.038	0.04	<0.1	<0.01	0.9	<0.1	<0.05	<1	<0.5	<0.2
1959569	Rock	<1	12	<0.01	53	<0.001	1	0.03	0.001	0.02	<0.1	0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2
1959570	Rock	11	10	0.08	39	<0.001	<1	0.15	0.008	0.03	<0.1	<0.01	0.5	<0.1	<0.05	<1	<0.5	<0.2
1959571	Rock	1	9	0.06	19	<0.001	<1	0.08	0.004	0.02	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2
1959572	Rock	2	11	0.06	26	<0.001	<1	0.08	0.001	0.03	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2
1959573	Rock	<1	11	<0.01	66	<0.001	<1	0.02	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	0.10	<1	<0.5	<0.2
1959574	Rock	2	8	<0.01	19	<0.001	<1	0.03	0.004	0.02	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2
1959575	Rock	8	10	0.04	2007	<0.001	<1	0.09	0.003	0.04	0.2	0.03	1.1	<0.1	<0.05	2	0.6	<0.2
1959576	Rock	3	9	<0.01	16	<0.001	<1	0.05	0.009	0.01	<0.1	0.02	0.2	<0.1	<0.05	<1	<0.5	<0.2
1959577	Rock	24	3	0.04	133	<0.001	2	0.20	0.044	0.15	<0.1	<0.01	0.4	0.2	<0.05	<1	0.8	<0.2
1959578	Rock	3	10	0.37	65	<0.001	<1	0.21	0.003	0.01	<0.1	<0.01	0.7	<0.1	<0.05	<1	<0.5	<0.2
1959579	Rock	<1	9	<0.01	12	<0.001	<1	<0.01	0.002	<0.01	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2
1959580	Rock	36	22	1.17	149	0.002	<1	1.29	0.010	0.16	<0.1	0.03	2.5	<0.1	<0.05	5	<0.5	0.3
1959581	Rock	37	19	2.79	111	0.124	<1	2.87	0.055	0.13	<0.1	0.02	14.4	0.1	0.15	12	<0.5	<0.2
1959582	Rock	28	3	0.02	180	0.001	<1	0.19	0.016	0.26	<0.1	<0.01	0.6	<0.1	0.28	<1	<0.5	<0.2
1959583	Rock	1	8	0.24	16	<0.001	<1	0.05	0.003	0.02	<0.1	0.03	0.2	<0.1	<0.05	<1	<0.5	<0.2
1959584	Rock	63	4	0.04	206	<0.001	<1	0.28	0.007	0.28	<0.1	<0.01	1.6	<0.1	0.23	1	<0.5	<0.2
1959585	Rock	52	2	0.25	428	0.002	1	0.54	0.001	0.18	<0.1	<0.01	3.5	<0.1	0.29	2	0.8	<0.2
1959586	Rock	19	5	0.05	111	<0.001	<1	0.21	0.025	0.16	<0.1	0.01	1.2	<0.1	0.23	<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

Project: Bonanza
Report Date: September 21, 2013

Page: 5 of 5

Part: 1 of 2

CERTIFICATE OF ANALYSIS

WHI13000401.1

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	
1959587	Rock	0.76	0.2	1.6	58.1	11	<0.1	1.2	0.8	64	0.60	224.9	6.8	1.6	8	<0.1	0.7	<0.1	<2	0.06	0.025
1959588	Rock	0.95	0.3	2.9	102.1	18	0.4	1.4	1.4	125	0.82	759.8	3.8	4.4	9	0.2	2.1	0.3	<2	0.08	0.030
1959589	Rock	0.81	3.7	151.0	9450	292	2.9	1.9	0.7	339	2.48	74.3	12.7	6.1	13	0.6	5.3	4.2	19	0.02	0.017



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: Bonanza
 Report Date: September 21, 2013

Page: 5 of 5

Part: 2 of 2

CERTIFICATE OF ANALYSIS

WHI13000401.1

Method	Analyte	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
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL
1959587	Rock	4	5	0.05	94	<0.001	<1	0.18	0.015	0.11	<0.1	<0.01	0.9	<0.1	<0.05	<1	<0.5	<0.2
1959588	Rock	10	6	0.08	127	0.001	<1	0.21	0.010	0.13	<0.1	<0.01	0.8	<0.1	<0.05	<1	<0.5	<0.2
1959589	Rock	10	5	1.55	67	0.002	<1	1.21	0.010	0.08	<0.1	7.02	1.6	<0.1	<0.05	4	6.0	<0.2

QUALITY CONTROL REPORT

WHI13000401.1

Method	WGHT	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																					
1962123	Rock	0.64	<0.1	0.5	1.2	<1	<0.1	0.8	0.2	37	0.25	1.0	<0.5	0.2	<1	<0.1	<0.1	<0.1	<2	<0.01	0.001
REP 1962123	QC		<0.1	0.4	1.3	<1	<0.1	0.6	0.2	37	0.25	1.4	<0.5	0.2	<1	<0.1	<0.1	<0.1	<2	<0.01	0.002
1962127	Rock	0.77	0.2	2.8	19.8	2	0.2	1.0	0.2	62	0.46	0.8	1.6	3.3	5	<0.1	0.2	<0.1	<2	0.01	0.001
REP 1962127	QC		0.1	2.7	18.6	2	0.2	0.9	0.2	59	0.45	0.9	25.6	3.1	5	0.1	0.1	<0.1	<2	<0.01	0.001
REP 1962243	QC		0.2	0.9	28.9	13	0.5	1.1	0.5	126	0.42	5.0	2.3	1.1	1	0.1	<0.1	1.1	<2	<0.01	0.003
1962246	Rock	0.48	0.1	5.8	6.0	5	<0.1	0.8	2.5	122	0.38	5.0	4.5	6.1	3	<0.1	<0.1	<0.1	<2	0.02	0.010
REP 1962246	QC		0.1	5.9	6.4	6	<0.1	0.8	2.4	125	0.40	5.1	1.9	6.3	3	<0.1	<0.1	<0.1	<2	0.02	0.012
1959589	Rock	0.81	3.7	151.0	9450	292	2.9	1.9	0.7	339	2.48	74.3	12.7	6.1	13	0.6	5.3	4.2	19	0.02	0.017
REP 1959589	QC		3.7	154.1	9962	302	2.9	2.0	0.7	383	2.61	73.5	13.0	6.9	13	0.7	5.1	4.6	21	0.02	0.019
Core Reject Duplicates																					
1962121	Rock	1.02	<0.1	2.1	26.6	5	<0.1	0.7	1.0	102	0.44	7.0	<0.5	3.6	16	<0.1	0.1	0.3	<2	0.11	0.010
DUP 1962121	QC		0.1	2.0	26.5	5	<0.1	0.8	0.9	98	0.45	7.6	<0.5	3.9	15	<0.1	0.1	0.3	<2	0.11	0.011
1962243	Rock	0.86	0.2	0.9	29.8	13	0.5	0.9	0.5	126	0.42	5.0	1.6	1.0	1	<0.1	<0.1	1.0	<2	<0.01	0.003
DUP 1962243	QC		0.2	0.7	22.6	4	0.6	0.9	0.5	127	0.39	4.1	2.8	1.0	<1	<0.1	<0.1	1.2	<2	<0.01	0.002
Reference Materials																					
STD DS9	Standard		12.7	101.7	120.0	306	1.8	38.4	7.0	577	2.30	25.6	100.7	6.2	66	2.3	5.7	6.3	40	0.74	0.079
STD DS9	Standard		12.3	101.8	121.1	301	1.7	36.8	7.1	571	2.22	25.7	104.9	5.9	68	2.4	5.2	6.1	40	0.69	0.080
STD DS9	Standard		12.6	109.1	122.6	301	1.8	41.3	8.1	585	2.29	28.0	122.2	6.6	70	2.4	5.6	6.5	39	0.71	0.082
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	<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
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	1.0	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	0.8	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
Prep Wash																					
G1-WHI	Prep Blank		<0.1	3.1	2.8	40	<0.1	3.5	3.4	511	1.66	<0.5	2.6	4.6	43	<0.1	<0.1	<0.1	32	0.42	0.070
G1-WHI	Prep Blank		<0.1	2.5	2.9	42	<0.1	2.6	3.4	536	1.65	<0.5	<0.5	5.3	51	<0.1	<0.1	<0.1	33	0.37	0.063

QUALITY CONTROL REPORT

WHI13000401.1

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																			
1962123	Rock	<1	10	<0.01	7	<0.001	<1	0.02	0.002	<0.01	<0.1	<0.01	0.3	<0.1	<0.05	<1	<0.5	<0.2	
REP 1962123	QC	<1	10	<0.01	7	<0.001	<1	0.02	0.002	<0.01	<0.1	<0.01	0.3	<0.1	<0.05	<1	<0.5	<0.2	
1962127	Rock	8	10	<0.01	299	0.002	<1	0.05	0.002	0.02	<0.1	<0.01	0.4	<0.1	<0.05	<1	<0.5	<0.2	
REP 1962127	QC	7	10	<0.01	281	0.002	<1	0.04	0.002	0.02	<0.1	<0.01	0.3	<0.1	<0.05	<1	<0.5	<0.2	
REP 1962243	QC	<1	6	0.02	35	0.001	2	0.09	0.005	0.04	<0.1	<0.01	0.3	<0.1	<0.05	<1	<0.5	<0.2	
1962246	Rock	29	3	0.03	73	<0.001	<1	0.28	<0.001	0.14	<0.1	0.01	0.7	<0.1	<0.05	<1	<0.5	<0.2	
REP 1962246	QC	30	3	0.04	75	<0.001	<1	0.31	<0.001	0.15	<0.1	<0.01	0.7	<0.1	<0.05	1	<0.5	<0.2	
1959589	Rock	10	5	1.55	67	0.002	<1	1.21	0.010	0.08	<0.1	7.02	1.6	<0.1	<0.05	4	6.0	<0.2	
REP 1959589	QC	10	5	1.78	70	0.003	<1	1.40	0.012	0.08	<0.1	7.66	1.8	<0.1	<0.05	4	6.6	<0.2	
Core Reject Duplicates																			
1962121	Rock	8	8	0.01	89	<0.001	3	0.26	0.018	0.14	<0.1	<0.01	0.6	<0.1	<0.05	1	<0.5	<0.2	
DUP 1962121	QC	9	8	0.01	92	<0.001	1	0.25	0.016	0.13	0.1	<0.01	0.6	<0.1	<0.05	1	<0.5	<0.2	
1962243	Rock	<1	6	0.02	34	<0.001	<1	0.09	0.005	0.04	<0.1	<0.01	0.3	<0.1	<0.05	<1	<0.5	<0.2	
DUP 1962243	QC	<1	4	0.02	28	<0.001	<1	0.08	0.005	0.04	<0.1	<0.01	0.3	<0.1	<0.05	<1	<0.5	<0.2	
Reference Materials																			
STD DS9	Standard	13	115	0.60	304	0.106	2	0.95	0.087	0.40	3.1	0.18	2.5	4.8	0.17	4	5.5	5.2	
STD DS9	Standard	13	114	0.59	279	0.101	<1	0.92	0.082	0.39	2.9	0.20	2.5	5.1	0.16	4	6.0	5.2	
STD DS9	Standard	13	120	0.61	302	0.111	4	0.96	0.081	0.38	3.0	0.22	2.3	5.0	0.16	5	5.6	5.0	
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	
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2	
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	8	8	0.47	143	0.087	<1	0.85	0.067	0.46	<0.1	<0.01	1.9	0.2	<0.05	4	<0.5	<0.2	
G1-WHI	Prep Blank	10	7	0.43	149	0.086	<1	0.75	0.054	0.43	<0.1	<0.01	2.1	0.3	<0.05	4	<0.5	<0.2	

APPENDIX V

SOIL METADATA

2013 Bonanza Property Soil Sample Metadata

SampleID	Sample_Type	Location	Date	Sampler	UTM_East	UTM_North	Notes	Method	Colour	Texture	Moisture	Site_Slope	Depth_cm	Quality	Site_Veget	Ground_Cov	Lithology	Horizon	CertificateID
13IM062	Soil	Bonanza	21-Aug-13	IM	590640	7092891		Hand Auger	Drk Br	Silt/clay	Moist	8/100	40	Satisfactory	Spruce	moss hummocks	graph schist	C	WHI13000402
13IM063	Soil	Bonanza	21-Aug-13	IM	590623	7092794		Hand Auger	Br	Silt/clay	Moist	10/000	50	Good	Spruce	moss hummocks	schist	C	WHI13000402
13IM064	Soil	Bonanza	21-Aug-13	IM	590599	7092697		Hand Auger	Br	Silt/clay	Moist	7/020	40	Good	Spruce	moss hummocks	schist	C	WHI13000402
13IM065	Soil	Bonanza	21-Aug-13	IM	590583	7092593		Hand Auger	Mot Br-Or	Silt/clay	Moist	5/020	45	Good	Spruce	moss hummocks	schist	C	WHI13000402
13IM066	Soil	Bonanza	21-Aug-13	IM	590568	7092496		Hand Auger	Br	Silt/clay	Moist	3/350	55	Good	Spruce	moss hummocks	schist	C	WHI13000402
13IM067	Soil	Bonanza	21-Aug-13	IM	590577	7092397		Hand Auger	Mot Br-Or	Silt/clay	Moist	3/350	45	Good	Spruce	moss hummocks	schist	C	WHI13000402
13IM068	Soil	Bonanza	21-Aug-13	IM	590567	7092318	Extra sample taken at bottem of steep slope break	Hand Auger	Or-Br	Silt/sand	Moist	18/005	30	Good	Spruce	moss	schist	C	WHI13000402
13IM069	Soil	Bonanza	21-Aug-13	IM	590566	7092293		Hand Auger	Or-Br	Silt	Moist	12/000	40	Good	Spruce	moss	schist	C	WHI13000402
13IM070	Soil	Bonanza	21-Aug-13	IM	590564	7092198	very rocky with qtz	Hand Auger	Or-Br	Silt	Moist	10/020	30	Good	Spruce	moss	schist	C	WHI13000402
13IM071	Soil	Bonanza	21-Aug-13	IM	590559	7092100	very rocky	Hand Auger	Or-Br	Silt	Moist	5/010	30	Good	Spruce	moss	schist	C	WHI13000402
13IM072	Soil	Bonanza	21-Aug-13	IM	590550	7091999		Hand Auger	Or-Br	Silt	Moist	10/040	45	Good	Spruce	moss	schist	C	WHI13000402
13IM073	Soil	Bonanza	21-Aug-13	IM	590550	7091900		Hand Auger	Or-Br	Silt	Moist	15/050	35	Good	Spruce	moss	schist	C	WHI13000402
13IM074	Soil	Bonanza	21-Aug-13	IM	590551	7091800	rock sample taken, close to old sample number NDR6005	Hand Auger	Or-Br	Silt	Moist	20/050	50	Good	Spruce	moss	schist	C	WHI13000402
13IM075	Soil	Bonanza	21-Aug-13	IM	590546	7091696	comp of 4 holes very rocky	Hand Auger	Or-Br	Silt	Moist	20/050	25	Good	Spruce	moss hummocks	schist	C	WHI13000402
13IM076	Soil	Bonanza	21-Aug-13	IM	590546	7091597		Hand Auger	Or-Br	Silt/clay	Moist	18/030	25	Good	Spruce	moss hummocks	schist	C	WHI13000402
13IM077	Soil	Bonanza	21-Aug-13	IM	590550	7091500		Hand Auger	Or-Br	Silt/clay	Moist	10/030	45	Good	Spruce	moss	schist	C	WHI13000402
13IM078	Soil	Bonanza	21-Aug-13	IM	590549	7091402		Hand Auger	Or-Br	Silt	Damp	3/180	45	Good	birch	moss	schist	C	WHI13000402
13IM079	Soil	Bonanza	21-Aug-13	IM	590454	7091433	rocky	Hand Auger	Or-Br	Silt	Moist	3/180	30	Satisfactory	birch	moss	schist	B	WHI13000402
13IM080	Soil	Bonanza	21-Aug-13	IM	590358	7091463	rocky	Hand Auger	Or-Br	Silt	Moist	3/190	50	Good	birch	moss	schist	C	WHI13000402
13IM081	Soil	Bonanza	21-Aug-13	IM	590260	7091491	rocky	Hand Auger	Or-Br	Silt	Moist	0-N5	35	Satisfactory	birch	moss	schist	B	WHI13000402
13IM082	Soil	Bonanza	21-Aug-13	IM	590157	7091485		Hand Auger	Or-Br	Silt	Moist	3/270	40	Good	birch	moss	schist	C	WHI13000402
13IM083	Soil	Bonanza	21-Aug-13	IM	590058	7091416		Hand Auger	Or-Br	Silt	Damp	8/300	45	Good	birch	moss	schist	C	WHI13000402
13IM084	Soil	Bonanza	22-Aug-13	IM	592165	7093815		Hand Auger	Or-Br	Silt	Damp	5/340	35	Good	spruce	moss	schist	C	WHI13000402
13IM085	Soil	Bonanza	22-Aug-13	IM	592201	7093712		Hand Auger	Or-Br	Silt	Damp	6/340	30	Good	birch	moss	schist	C	WHI13000402
13IM086	Soil	Bonanza	22-Aug-13	IM	592273	7093610		Hand Auger	Or-Br	Silt	Damp	3/000	35	Good	spruce	moss	schist	C	WHI13000402
13IM087	Soil	Bonanza	22-Aug-13	IM	592324	7093517		Hand Auger	Or-Br	Silt clay	Moist	3/000	30	Good	spruce	moss	schist	C	WHI13000402
13IM088	Soil	Bonanza	22-Aug-13	IM	592399	7093446		Hand Auger	Br	Silt clay	Moist	3/000	40	Good	spruce	moss	schist	C	WHI13000402
13IM089	Soil	Bonanza	22-Aug-13	IM	592466	7093374		Hand Auger	Or-Br	Silt clay	Damp	5/310	35	Good	birch	moss	schist	C	WHI13000402
13IM090	Soil	Bonanza	22-Aug-13	IM	592557	7093306		Hand Auger	Or-Br	silt	Damp	8/340	35	Good	spruce	moss	schist	C	WHI13000402
13IM091	Soil	Bonanza	22-Aug-13	IM	592657	7093243		Hand Auger	Or-Br	silt clay	Damp	5/340	50	Good	spruce	moss	schist	C	WHI13000402
13IM092	Soil	Bonanza	22-Aug-13	IM	592748	7093175		Hand Auger	Or	silt rocky	Damp	2/300	45	Good	spruce	moss	schist	C	WHI13000402
13IM093	Soil	Bonanza	22-Aug-13	IM	592812	7093088		Hand Auger	Or	silt	Damp	2/300	40	Good	spruce birch alder	moss	schist	C	WHI13000402
13IM094	Soil	Bonanza	22-Aug-13	IM	592871	7093008		Hand Auger	Or	silt	Damp	2/300	45	Good	spruce birch alder	moss	schist	C	WHI13000402
13IM095	Soil	Bonanza	22-Aug-13	IM	592889	7092912	next to QV sample 1959565	Hand Auger	Or	silt	Damp	3/300	20	Good	spruce birch alder	moss	schist	C	WHI13000402
13IM096	Soil	Bonanza	22-Aug-13	IM	592949	7092815		Hand Auger	Or	silt	Dry	1/300	30	Good	spruce birch alder	moss	schist	C	WHI13000402
13IM097	Soil	Bonanza	22-Aug-13	IM	593001	7092728		Hand Auger	Or	silt	Damp	0-Peak of Hill	30	Good	spruce alder	moss	schist	C	WHI13000402
13IM098	Soil	Bonanza	22-Aug-13	IM	593033	7092640		Hand Auger	Or	silt	Dry	0-Peak of Hill	30	Good	spruce alder	moss	schist	C	WHI13000402
13IM099	Soil	Bonanza	22-Aug-13	IM	593017	7092525		Hand Auger	Or-Br	silt	Moist	0-Peak of Hill	30	Good	spruce alder	moss	schist	C	WHI13000402
13IM100	Soil	Bonanza	22-Aug-13	IM	593042	7092428		Hand Auger	Or-Br	silt	Damp	3/150	30	Good	spruce alder	moss	schist	C	WHI13000402
13IM101	Soil	Bonanza	22-Aug-13	IM	593103	7092342		Hand Auger	Or	silt	Damp	3/150	40	Good	alder	moss	schist	C	WHI13000402
13IM102	Soil	Bonanza	22-Aug-13	IM	593601	7090758		Hand Auger	Or-Br	silt	Damp	10/040	40	Good	spruce alder	moss	schist	C	WHI13000402
13IM103	Soil	Bonanza	22-Aug-13	IM	593519	7090821		Hand Auger	Br	silt	Damp	12/040	30	Good	alder	moss	schist	C	WHI13000402
13IM104	Soil	Bonanza	22-Aug-13	IM	593432	7090880		Hand Auger	Or	silt sand	Damp	12/040	30	Good	Spruce	moss	schist	C	WHI13000402
13IM105	Soil	Bonanza	22-Aug-13	IM	593335	7090943		Hand Auger	Or	silt sand	Damp	5/300	25	Good	Spruce	moss	schist	C	WHI13000402
13IM106	Soil	Bonanza	22-Aug-13	IM	593286	7091023		Hand Auger	Lt BR	silt	Moist	5/310	30	Good	spruce alder	moss	schist	C	WHI13000402
13IM107	Soil	Bonanza	22-Aug-13	IM	593236	7091098		Hand Auger	Or-Br	silt	Moist	5/280	30	Good	spruce	moss	schist	C	WHI13000402

2013 Bonanza Property Soil Sample Metadata

SampleID	Sample_Type	Location	Date	Sampler	UTM_East	UTM_North	Notes	Method	Colour	Texture	Moisture	Site_Slope	Depth_cm	Quality	Site_Veget	Ground_Cov	Lithology	Horizon	CertificateID
131M159	Soil	Bonanza	24-Aug-13	IM	586598	7093356		Hand Auger		silt	Damp	10/110	30	Good	alder spruce	moss	schist	C	WHI13000402
131M160	Soil	Bonanza	24-Aug-13	IM	586504	7093353		Hand Auger		silt	Damp	3/110	35	Good	alder spruce	moss	schist	C	WHI13000402
131M161	Soil	Bonanza	24-Aug-13	IM	586403	7093357		Hand Auger		silt	Damp	0/000	30	Good	alder spruce	moss	schist	C	WHI13000402
131M162	Soil	Bonanza	24-Aug-13	IM	586306	7093364		Hand Auger		silt	Damp	10/270	35	Good	alder spruce	moss	schist	C	WHI13000402
131M163	Soil	Bonanza	24-Aug-13	IM	586226	7093380		Hand Auger		silt	Damp	10/280	30	Good	alder spruce	moss	schist	C	WHI13000402
131M164	Soil	Bonanza	26-Aug-13	IM	587804	7092958		Hand Auger		silt	Damp	20/080	35	Good	alder spruce	moss	schist	C	WHI13000402
131M165	Soil	Bonanza	26-Aug-13	IM	587893	7092996		Hand Auger		silt	Damp	20/055	30	Good	alder spruce	moss	schist	C	WHI13000402
131M166	Soil	Bonanza	26-Aug-13	IM	587986	7093032		Hand Auger		silt	Damp	3/060	65	Good	alder spruce	moss	schist	C	WHI13000402
131M167	Soil	Bonanza	26-Aug-13	IM	588086	7093068		Hand Auger		silt	Damp	0/ridge	50	Good	alder spruce	moss	schist	C	WHI13000402
131M168	Soil	Bonanza	26-Aug-13	IM	588182	7093117		Hand Auger		silt	Damp	0/ridge	30	Good	spruce dwarf birch	moss	schist	C	WHI13000402
131M169	Soil	Bonanza	26-Aug-13	IM	588260	7093170		Hand Auger		silt	Moist	0/ridge	35	Good	spruce dwarf birch	moss	schist	C	WHI13000402
131M170	Soil	Bonanza	26-Aug-13	IM	588338	7093232		Hand Auger		silt	Damp	0/ridge	30	Good	Spruce alder	moss	schist	C	WHI13000402
131M171	Soil	Bonanza	26-Aug-13	IM	588426	7093274		Hand Auger		silt	Damp	4/060	30	Good	spruce birch	moss	schist	C	WHI13000402
131M172	Soil	Bonanza	26-Aug-13	IM	588474	7093363		Hand Auger		silt	Damp	10/020	30	Good	spruce	moss	schist	C	WHI13000402
131M173	Soil	Bonanza	26-Aug-13	IM	588522	7093449		Hand Auger		silt	Damp	5/020	35	Good	Spruce birch	moss	schist	C	WHI13000402
131M174	Soil	Bonanza	26-Aug-13	IM	588576	7093529		Hand Auger		silt	Damp	10/040	40	Good	Spruce birch	moss	schist	C	WHI13000402
131M175	Soil	Bonanza	26-Aug-13	IM	588627	7093615		Hand Auger		silt	Damp	0/000	30	Good	birch	moss	schist	C	WHI13000402
131M176	Soil	Bonanza	26-Aug-13	IM	588649	7093713		Hand Auger		silt	Damp	5/070	35	Good	birch	moss	schist	C	WHI13000402
131M177	Soil	Bonanza	26-Aug-13	IM	588669	7093818		Hand Auger		silt	Damp	10/040	75	Good	Birch Spruce	moss	schist	C	WHI13000402
131M178	Soil	Bonanza	26-Aug-13	IM	588698	7093919		Hand Auger		silt	Damp	0/000	30	Good	Birch Spruce	moss	schist	C	WHI13000402
131M179	Soil	Bonanza	26-Aug-13	IM	588725	7094015		Hand Auger		silt	Damp	5/190	30	Good	Birch Spruce	moss	schist	C	WHI13000402
131M180	Soil	Bonanza	26-Aug-13	IM	589269	7093097		Hand Auger	lt or br	silt	Damp	20/100	35	Good	Birch Spruce	moss	schist	C	WHI13000402
131M181	Soil	Bonanza	26-Aug-13	IM	589177	7093084	road bank sample	Hand Auger	lt or br	silt	Dry	20/100	70	Good	Birch Spruce	moss	schist	C	WHI13000402
131M182	Soil	Bonanza	26-Aug-13	IM	589085	7093068		Hand Auger	or	silt	Damp	20/100	50	Good	Birch Spruce	moss	schist	C	WHI13000402
131M183	Soil	Bonanza	26-Aug-13	IM	588991	7093049		Hand Auger	lt or br	silt	Dry	20/100	60	Good	Birch Spruce	moss	schist	C	WHI13000402
131M184	Soil	Bonanza	26-Aug-13	IM	588919	7093125	micaceous schist	Hand Auger	or	silt	Dry	22/120	50	Good	Birch Spruce	moss	Schist	C	WHI13000402
131M185	Soil	Bonanza	26-Aug-13	IM	588823	7093147		Hand Auger	or br	silt	Dry	22/120	70	Good	Birch Spruce	moss	Schist	C	WHI13000402
131M186	Soil	Bonanza	26-Aug-13	IM	588742	7093199	VFG fels lam schist fract's 90 to Foliation	Hand Auger	lt or br	silt	Dry	17/090	35	Good	Birch Spruce	moss	Schist	C	WHI13000402
131M187	Soil	Bonanza	26-Aug-13	IM	588691	7093285		Hand Auger	or br	silt	Damp	17/091	25	Good	Spruce alder	moss	Schist	C	WHI13000402
131M188	Soil	Bonanza	26-Aug-13	IM	588648	7093375		Hand Auger	or br	silt	Damp	17/092	50	Good	Birch Spruce	moss	Schist	C	WHI13000402
131M189	Soil	Bonanza	26-Aug-13	IM			Standard CDN-GS- 5J												WHI13000402
131M190	Soil	Bonanza	26-Aug-13	IM	588630	7093471		Hand Auger	br	silt	Damp	15/090	45	Good	Birch Spruce	moss	schist	C	WHI13000402
131M191	Soil	Bonanza	26-Aug-13	IM	588332	7094332		Hand Auger	br	silt	Damp	30/280	50	good	Birch Spruce	moss	schist	C	WHI13000402
131M192	Soil	Bonanza	26-Aug-13	IM	588347	7094232		Hand Auger	br	silt	Dry	30/281	60	good	Birch Spruce	moss	schist	C	WHI13000402
131M193	Soil	Bonanza	26-Aug-13	IM	588369	7094134	QV with associated rock sample	Hand Auger	gn gr	silt	Dry	30/282	60	good	Birch alder	moss	schist/qtz	C	WHI13000402
131M194	Soil	Bonanza	26-Aug-13	IM	588378	7094032		Hand Auger	br gr	silt	Moist	30/283	50	good	spruce	moss hummocks	schist	C	WHI13000402
131M195	Soil	Bonanza	26-Aug-13	IM	588364	7093937		Hand Auger	or br	silt	Moist	25/290	85	good	spruce birch	moss	schist	C	WHI13000402
131M196	Soil	Bonanza	26-Aug-13	IM	588354	7093837		Hand Auger	br	silt	Damp	20/310	75	good	spruce	moss	schist	C	WHI13000402
131M197	Soil	Bonanza	26-Aug-13	IM	588357	7093728	OC at sample site, no mineralization seen	Hand Auger	or	silt	Dry	15/310	80	good	birch	moss	schist	C	WHI13000402
131M198	Soil	Bonanza	26-Aug-13	IM	588361	7093633		Hand Auger	br	silt	Dry	15/310	55	good	spruce birch	moss	schist	C	WHI13000402
131M199	Soil	Bonanza	26-Aug-13	IM	588307	7093572		Hand Auger	br	silt	Moist	20/310	75	good	alder spruce	moss	schist	C	WHI13000402
131M200	Soil	Bonanza	27-Aug-13	IM	586910	7093378		Hand Auger	br	silt	Moist	3/045	35	good	alder	moss	schist	C	WHI13000402
131M201	Soil	Bonanza	27-Aug-13	IM	586947	7093468		Hand Auger	br	silt-clay	Moist	3/045	55	good	spruce	moss	schist	C	WHI13000402
131M202	Soil	Bonanza	27-Aug-13	IM	586986	7093567		Hand Auger	br	silt-clay	Moist	4/045	45	good	spruce	moss	schist	C	WHI13000402
131M203	Soil	Bonanza	27-Aug-13	IM	587023	7093606		Hand Auger	br	silt	Moist	8/045	30	good	Spruce alder	moss	schist	C	WHI13000402
131M204	Soil	Bonanza	27-Aug-13	IM	587055	7093709		Hand Auger	br	silt	Damp	8/090	40	good	Spruce alder	moss	schist	C	WHI13000402
131M205	Soil	Bonanza	27-Aug-13	IM	587051	7093812	Rocky top of ridge	Hand Auger	or-br	silt	damp	1/top of ridge	20	good	Spruce alder	moss	schist	C	WHI13000402
131M206	Soil	Bonanza	27-Aug-13	IM	587076	7093901		Hand Auger	br	silt	damp	3/000	35	good	Spruce alder	moss	schist	C	WHI13000402

2013 Bonanza Property Soil Sample Metadata

SampleID	Sample_Type	Location	Date	Sampler	UTM_East	UTM_North	Notes	Method	Colour	Texture	Moisture	Site_Slope	Depth_cm	Quality	Site_Veget	Ground_Cov	Lithology	Horizon	CertificateID
13FV076	Soil	Bonanza	01-Sep-13	FV	588022	7092395		Hand Auger	br gr	silt	moist	20/60	60	good	spruce	moss		C	WHI13000402
13FV077	Soil	Bonanza	01-Sep-13	FV	588060	7092297		Hand Auger	br gr	silt	moist	20/61	75	good	spruce	moss		C	WHI13000402
13FV078	Soil	Bonanza	01-Sep-13	FV	588095	7092201	boulders	Hand Auger	br gr	silt	moist	20/62	45	Satisfactory	spruce	moss		C	WHI13000402
13KD001	Soil	Bonanza	22-Aug-13	KD	593141	7092249	WP 314	Hand Auger	OR BR	Silt	Damp	Ridge top	30	Good	Moss Spruce Alder		chl sch	C	WHI13000402
13KD002	Soil	Bonanza	22-Aug-13	KD	593177	7092155	WP 315	Hand Auger	OR BR	Silt	Damp	Ridge top	30	Good	Moss Spruce Alder		sch	C	WHI13000402
13KD003	Soil	Bonanza	22-Aug-13	KD	593213	7092048	WP 316	Hand Auger	OR BR	Silt	Damp	Ridge top	30	Good	Moss Spruce Alder		felsic sch	C	WHI13000402
13KD004	Soil	Bonanza	22-Aug-13	KD	593229	7091939	WP 317	Hand Auger	OR BR	Silt	Damp	Ridge top	30	Good	Moss Spruce Alder		felsic sch	C	WHI13000402
13KD005	Soil	Bonanza	22-Aug-13	KD	593239	7091839	WP 318	Hand Auger	L BR	Sand Silt	Damp	Ridge top	15	Good	Moss Spruce Alder		felsic sch	B/C	WHI13000402
13KD006	Soil	Bonanza	22-Aug-13	KD	593200	7091736	WP 319	Hand Auger	OR BR	Silt	Damp	Ridge top	25	Good	Moss Spruce Alder		felsic sch	C	WHI13000402
13KD007	Soil	Bonanza	22-Aug-13	KD	593152	7091657	WP 320	Hand Auger	L BR	Silt Sand	Damp	Ridge top	25	Good	Moss Spruce Alder		felsic sch	C	WHI13000402
13KD008	Soil	Bonanza	22-Aug-13	KD	593129	7091563	WP 321	Hand Auger	OR BR	Silt	Damp	Ridge top	30	Good	; Spruce Alder, Hummocky		felsic sch	C	WHI13000402
13KD009	Soil	Bonanza	22-Aug-13	KD	593092	7091465	WP 322	Hand Auger	BR	Sand Silt	Damp	Ridge top	15	Poor	Moss Spruce Alder		felsic sch	C	WHI13000402
13KD010	Soil	Bonanza	22-Aug-13	KD	593061	7091368	WP 325	Hand Auger	OR BR	Silt	Damp	Ridge top	30	Good	Moss Spruce Alder		felsic sch	C	WHI13000402
13KD011	Soil	Bonanza	22-Aug-13	KD	593119	7091283	WP 326	Hand Auger	OR BR	Silt	Damp	Ridge top	20	Good	Moss Birch Alder		felsic sch	C	WHI13000402
13KD012	Soil	Bonanza	22-Aug-13	KD	593195	7091212	WP 327	Hand Auger	OR BR	Silt	Damp	Ridge top	35	Good	Moss Spruce Alder		felsic sch	C	WHI13000402
13KD013	Soil	Bonanza	22-Aug-13	KD	593239	7091133	WP 329	Hand Auger	L BR	Silt	Damp	Ridge top	25	Good	Moss Spruce Alder		felsic sch	C	WHI13000402
13KD014	Soil	Bonanza	22-Aug-13	KD	593740	7090610	WP 330	Hand Auger	GY	Silt	Damp	Ridge top	45	Satisfactory	; Spruce Alder, Hummocky		felsic sch	C	WHI13000402
13KD015	Soil	Bonanza	22-Aug-13	KD	593677	7090689	WP 331	Hand Auger	GN GY	Sand	Damp	Ridge top	30	Good	; Spruce Alder, Hummocky		chl sch	C	WHI13000402

APPENDIX VI

SOIL ANALYTICAL CERTIFICATES



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 09, 2013
Report Date: September 24, 2013
Page: 1 of 9

CERTIFICATE OF ANALYSIS

WHI13000402.1

CLIENT JOB INFORMATION

Project: Bonanza
Shipment ID: KGS13-002
P.O. Number
Number of Samples: 218

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT-SOIL Store Soil Reject - RJSV Charges Apply

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:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	218	Dry at 60C			WHI
SS80	217	Dry at 60C sieve 100g to -80 mesh			WHI
RJSV	217	Saving all or part of Soil Reject			WHI
1DX2	218	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: Bonanza
 Report Date: September 24, 2013

Page: 2 of 9 Part: 1 of 2

CERTIFICATE OF ANALYSIS

WHI13000402.1

Method Analyte	Unit	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
MDL		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
13IM062	Soil	3.4	52.6	12.1	134	0.2	90.0	18.2	869	3.85	197.2	8.5	4.0	29	0.7	2.1	0.2	74	0.49	0.068	21
13IM063	Soil	1.5	36.7	9.3	79	<0.1	38.5	12.1	382	3.48	40.9	4.8	5.4	15	0.2	0.7	0.2	59	0.17	0.032	19
13IM064	Soil	2.6	35.7	14.4	80	<0.1	36.6	13.6	457	3.28	43.8	5.3	5.0	18	0.1	1.2	0.2	55	0.19	0.042	24
13IM065	Soil	3.3	48.4	28.0	95	0.2	41.8	10.9	236	3.11	58.4	3.6	11.1	31	0.2	1.6	0.3	37	0.17	0.044	40
13IM066	Soil	2.4	48.9	12.8	64	0.4	19.6	5.1	135	2.72	41.1	7.5	5.9	24	0.2	1.5	0.2	46	0.18	0.026	33
13IM067	Soil	1.3	20.8	47.3	47	0.2	13.4	4.0	110	1.83	15.6	2.1	3.8	18	0.2	0.8	0.2	28	0.11	0.037	30
13IM068	Soil	1.0	9.4	37.5	72	<0.1	5.4	2.0	113	0.62	8.4	0.7	9.6	8	0.3	0.2	0.2	5	0.04	0.023	72
13IM069	Soil	1.4	23.0	42.9	66	0.1	16.5	7.6	178	2.10	15.7	2.6	13.3	16	0.2	0.6	0.2	30	0.07	0.020	29
13IM070	Soil	1.0	11.2	25.5	65	<0.1	7.2	2.8	58	1.39	6.3	1.9	13.0	17	0.4	0.3	0.2	7	0.02	0.021	57
13IM071	Soil	0.7	8.3	34.0	39	<0.1	8.6	2.8	76	1.29	90.2	1.6	8.3	5	0.1	0.3	0.2	15	0.04	0.015	33
13IM072	Soil	1.2	7.6	37.6	30	<0.1	7.2	2.6	75	1.52	21.3	1.2	7.5	11	<0.1	0.6	0.2	33	0.06	0.011	22
13IM073	Soil	1.8	5.6	17.6	31	0.2	6.3	2.1	85	1.72	38.5	3.9	6.3	6	<0.1	0.5	0.2	35	0.04	0.019	38
13IM074	Soil	2.0	6.8	54.1	65	0.4	7.1	2.7	167	1.53	182.7	103.8	14.6	6	0.2	0.7	0.2	17	0.05	0.022	74
13IM075	Soil	0.8	6.1	22.9	28	0.2	6.2	1.8	75	1.02	74.5	2.4	0.5	8	0.1	0.3	0.2	20	0.08	0.033	26
13IM076	Soil	0.7	6.4	23.4	36	0.2	9.9	4.1	138	2.01	20.5	7.0	6.4	8	<0.1	0.4	0.2	33	0.09	0.019	20
13IM077	Soil	0.9	23.7	13.5	53	0.1	20.0	9.9	346	2.47	16.5	3.7	5.0	15	<0.1	0.6	0.2	45	0.15	0.024	26
13IM078	Soil	0.5	7.3	20.4	36	<0.1	7.6	4.0	106	1.35	25.5	1.7	8.6	5	<0.1	0.3	<0.1	16	0.04	0.015	21
13IM079	Soil	1.3	10.4	13.7	49	0.3	14.8	6.7	270	2.75	17.4	3.1	3.9	8	0.1	0.6	0.2	60	0.08	0.038	15
13IM080	Soil	0.3	8.6	32.2	46	<0.1	5.7	2.4	100	1.45	37.0	1.7	16.1	3	<0.1	0.4	0.2	9	0.02	0.012	57
13IM081	Soil	0.6	5.0	18.8	24	<0.1	4.9	2.1	74	1.15	21.3	<0.5	7.5	6	<0.1	0.4	0.1	14	0.04	0.017	35
13IM082	Soil	0.9	17.1	44.4	55	0.3	19.0	7.1	221	2.56	31.5	3.5	7.5	9	0.2	0.7	0.1	49	0.08	0.016	17
13IM083	Soil	0.8	12.4	67.5	55	<0.1	12.6	5.4	185	1.79	116.4	14.2	12.3	7	0.1	0.9	0.1	29	0.05	0.010	34
13IM084	Soil	0.8	14.8	13.8	34	0.2	11.1	5.5	233	2.03	75.1	3.1	6.1	10	<0.1	0.7	0.2	39	0.09	0.018	28
13IM085	Soil	0.5	6.7	13.4	26	0.1	5.1	2.6	91	1.19	5.9	<0.5	3.0	12	<0.1	0.3	0.1	16	0.08	0.010	7
13IM086	Soil	0.6	11.7	27.2	42	<0.1	11.5	9.2	207	1.47	41.8	1.7	7.1	5	0.2	0.5	0.1	26	0.04	0.015	30
13IM087	Soil	0.6	19.9	15.5	42	0.1	15.4	8.0	258	2.28	165.2	3.3	7.7	11	<0.1	0.8	0.2	42	0.10	0.015	32
13IM088	Soil	0.8	17.9	13.5	36	<0.1	15.2	6.1	157	2.03	81.9	1.8	7.0	12	<0.1	0.6	0.1	42	0.11	0.011	24
13IM089	Soil	1.0	12.8	14.1	35	0.2	13.4	5.7	142	2.12	67.1	2.0	5.8	8	<0.1	0.6	0.2	42	0.07	0.013	23
13IM090	Soil	0.7	8.7	20.2	30	<0.1	7.1	3.4	96	1.33	107.8	3.9	10.1	12	<0.1	0.6	0.1	13	0.08	0.015	45
13IM091	Soil	0.5	8.7	20.7	23	<0.1	8.5	5.0	139	1.37	25.6	1.6	8.4	11	<0.1	0.5	0.1	22	0.08	0.011	25

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

WHI13000402.1

Method Analyte	Unit	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
MDL		ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
		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	
13IM062	Soil	79	1.07	499	0.023	2	2.37	0.009	0.06	0.2	0.05	7.2	0.1	<0.05	7	0.6	<0.2
13IM063	Soil	44	0.87	515	0.015	1	1.95	0.005	0.06	0.1	0.02	5.2	0.1	<0.05	6	0.6	<0.2
13IM064	Soil	35	0.46	525	0.029	2	1.73	0.008	0.06	0.2	0.04	6.2	0.1	<0.05	5	0.7	<0.2
13IM065	Soil	27	0.31	526	0.015	1	1.11	0.006	0.10	0.2	0.03	5.3	0.1	0.06	3	<0.5	<0.2
13IM066	Soil	46	0.72	518	0.017	<1	1.57	0.006	0.07	<0.1	0.02	5.5	0.1	0.06	5	<0.5	<0.2
13IM067	Soil	21	0.27	269	0.017	1	1.12	0.007	0.08	0.1	0.03	2.0	<0.1	<0.05	3	<0.5	<0.2
13IM068	Soil	8	0.07	177	0.002	<1	0.44	0.002	0.10	<0.1	<0.01	0.6	<0.1	<0.05	<1	<0.5	<0.2
13IM069	Soil	22	0.32	257	0.021	<1	1.42	0.006	0.09	0.1	0.01	2.3	<0.1	<0.05	3	0.5	<0.2
13IM070	Soil	8	0.09	557	0.004	<1	0.56	0.004	0.08	<0.1	0.01	1.0	<0.1	<0.05	1	<0.5	<0.2
13IM071	Soil	11	0.14	161	0.009	<1	0.81	0.003	0.07	<0.1	<0.01	1.0	<0.1	<0.05	2	<0.5	<0.2
13IM072	Soil	15	0.17	163	0.023	<1	1.15	0.004	0.06	0.1	<0.01	1.7	<0.1	<0.05	4	<0.5	<0.2
13IM073	Soil	15	0.15	98	0.020	1	0.90	0.003	0.07	0.1	<0.01	1.2	<0.1	<0.05	4	<0.5	<0.2
13IM074	Soil	12	0.16	110	0.011	<1	0.87	0.003	0.10	0.1	0.02	2.0	0.1	<0.05	3	<0.5	<0.2
13IM075	Soil	10	0.11	91	0.011	1	0.57	0.004	0.09	<0.1	0.02	0.6	<0.1	<0.05	3	<0.5	<0.2
13IM076	Soil	17	0.40	159	0.018	<1	1.42	0.004	0.07	0.2	0.01	2.1	0.1	<0.05	6	<0.5	<0.2
13IM077	Soil	27	0.54	308	0.031	1	1.74	0.007	0.05	0.1	0.03	4.4	0.1	<0.05	5	<0.5	<0.2
13IM078	Soil	11	0.23	112	0.012	<1	0.97	0.003	0.10	<0.1	<0.01	1.6	<0.1	<0.05	3	<0.5	<0.2
13IM079	Soil	29	0.36	153	0.040	<1	1.64	0.005	0.06	0.2	0.01	2.2	0.1	<0.05	6	<0.5	<0.2
13IM080	Soil	8	0.32	92	0.017	<1	0.88	0.002	0.12	<0.1	<0.01	2.8	0.1	<0.05	4	<0.5	<0.2
13IM081	Soil	9	0.19	170	0.006	<1	0.98	0.002	0.08	<0.1	<0.01	1.5	0.1	<0.05	3	<0.5	<0.2
13IM082	Soil	31	0.43	190	0.034	1	2.11	0.007	0.07	0.1	0.02	2.9	0.1	<0.05	5	<0.5	<0.2
13IM083	Soil	21	0.30	183	0.026	<1	1.28	0.004	0.06	0.1	0.01	2.2	0.1	<0.05	4	<0.5	<0.2
13IM084	Soil	22	0.30	303	0.026	<1	1.47	0.006	0.07	0.1	0.02	4.0	0.1	<0.05	5	<0.5	<0.2
13IM085	Soil	8	0.17	146	0.041	<1	1.04	0.003	0.07	<0.1	<0.01	1.2	0.1	<0.05	3	<0.5	<0.2
13IM086	Soil	17	0.19	140	0.023	<1	1.02	0.004	0.07	0.1	0.02	2.8	0.1	<0.05	3	<0.5	<0.2
13IM087	Soil	25	0.33	310	0.031	<1	1.49	0.005	0.07	0.2	0.04	4.8	0.1	<0.05	4	<0.5	<0.2
13IM088	Soil	24	0.33	295	0.046	<1	1.47	0.007	0.05	0.1	0.03	3.5	0.1	<0.05	5	<0.5	<0.2
13IM089	Soil	24	0.31	216	0.025	<1	1.64	0.005	0.06	0.1	0.01	2.7	0.1	<0.05	5	<0.5	<0.2
13IM090	Soil	10	0.22	189	0.013	<1	0.73	0.003	0.07	<0.1	0.01	1.8	<0.1	<0.05	2	<0.5	<0.2
13IM091	Soil	15	0.22	194	0.026	<1	0.92	0.004	0.05	0.1	0.02	2.9	<0.1	<0.05	3	<0.5	<0.2

CERTIFICATE OF ANALYSIS

WHI13000402.1

Method Analyte	Unit	MDL	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
			ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
			0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	2	0.01	0.001	1	
13IM092	Soil		0.4	5.7	21.4	20	0.1	3.7	2.4	71	1.29	82.7	0.9	8.4	4	<0.1	0.4	0.2	9	0.03	0.015	25
13IM093	Soil		0.9	8.0	45.1	46	0.2	3.8	1.5	43	1.16	45.1	1.1	17.7	8	<0.1	0.9	0.2	5	0.02	0.011	41
13IM094	Soil		1.6	13.0	53.4	40	0.1	14.7	6.1	176	2.47	18.5	8.2	8.9	8	<0.1	0.7	0.3	48	0.05	0.014	18
13IM095	Soil		0.9	9.2	25.5	35	0.1	12.7	4.2	129	1.57	11.1	1.9	8.0	6	<0.1	0.5	0.2	32	0.04	0.013	13
13IM096	Soil		0.5	4.3	15.2	18	<0.1	4.8	1.6	51	0.86	7.2	<0.5	4.9	6	<0.1	0.3	0.1	9	0.03	0.009	11
13IM097	Soil		1.0	8.1	19.5	40	0.1	11.9	5.2	223	2.41	22.3	1.3	2.0	7	<0.1	0.5	0.2	42	0.07	0.031	14
13IM098	Soil		0.8	4.2	13.5	30	<0.1	5.6	2.1	65	1.20	4.6	0.7	2.3	8	<0.1	0.2	0.2	16	0.06	0.012	6
13IM099	Soil		0.3	6.5	16.1	27	<0.1	7.1	3.2	92	1.16	16.3	0.8	6.3	10	<0.1	0.2	0.1	17	0.06	0.007	23
13IM100	Soil		0.5	5.2	14.4	50	0.2	10.6	3.7	181	1.70	8.3	1.0	9.8	5	<0.1	0.2	0.3	17	0.06	0.015	11
13IM101	Soil		0.5	16.0	12.0	49	0.4	30.8	21.9	538	3.71	63.8	<0.5	3.7	12	<0.1	0.3	0.1	86	0.15	0.029	7
13IM102	Soil		1.9	17.0	9.7	171	<0.1	26.9	18.3	1112	4.70	10.7	3.3	7.9	19	0.3	0.2	<0.1	77	0.29	0.048	88
13IM103	Soil		1.1	18.7	12.0	51	0.2	21.9	11.8	335	2.93	9.8	2.6	4.8	22	<0.1	0.4	0.1	62	0.30	0.049	24
13IM104	Soil		0.5	5.1	33.7	62	<0.1	3.9	2.6	187	1.67	2.3	<0.5	22.5	9	<0.1	0.4	0.3	10	0.03	0.021	90
13IM105	Soil		0.8	10.0	15.9	33	<0.1	11.4	4.6	159	1.58	5.7	1.7	3.8	9	<0.1	0.3	0.1	34	0.09	0.018	27
13IM106	Soil		0.7	14.8	16.6	38	<0.1	14.3	6.9	246	1.99	9.6	3.0	8.6	13	<0.1	0.4	0.1	41	0.14	0.017	27
13IM107	Soil		0.9	12.9	12.9	44	<0.1	14.6	6.9	230	2.40	11.7	3.9	5.8	12	<0.1	0.4	0.2	51	0.12	0.021	18
13IM108	Soil		0.5	10.0	19.8	32	<0.1	8.2	3.8	127	1.39	7.1	2.6	13.3	7	<0.1	0.3	0.1	20	0.05	0.012	42
13IM109	Soil		0.5	5.7	18.0	27	<0.1	5.3	2.6	81	1.16	6.3	1.0	10.4	5	<0.1	0.3	0.2	13	0.03	0.013	24
13IM110	Soil		0.6	15.8	16.8	46	<0.1	14.3	7.3	278	2.10	11.0	6.2	9.6	10	<0.1	0.5	0.2	34	0.10	0.026	35
13IM111	Soil		0.6	6.0	14.5	24	0.1	6.3	2.4	92	1.37	11.9	0.9	4.6	7	<0.1	0.3	0.1	21	0.05	0.012	11
13IM112	Soil		0.7	13.9	14.6	41	0.2	13.9	6.2	196	2.08	11.5	5.2	8.0	9	<0.1	0.5	0.1	37	0.07	0.011	23
13IM113	Soil		0.9	7.2	15.0	30	0.2	7.4	3.7	175	1.64	8.6	<0.5	5.3	10	0.2	0.3	0.2	37	0.09	0.025	24
13IM114	Soil		0.6	6.4	21.3	16	0.2	4.5	2.4	72	0.82	12.9	1.0	9.4	4	<0.1	0.3	0.2	8	0.04	0.016	21
13IM115	Soil		0.5	3.7	9.4	15	0.3	2.8	1.4	147	0.70	10.2	<0.5	0.3	5	<0.1	0.2	0.1	15	0.05	0.033	20
13IM116	Soil		0.6	5.4	14.4	27	0.1	3.8	2.0	94	1.41	7.3	<0.5	10.1	5	<0.1	0.3	0.2	16	0.04	0.015	29
13IM117	Soil		1.0	12.6	16.2	37	0.2	12.4	5.5	168	2.20	13.5	1.3	7.4	8	<0.1	0.5	0.1	41	0.07	0.014	20
13IM118	Soil		0.6	4.8	10.7	31	0.2	5.8	2.5	128	1.25	3.0	1.7	1.3	13	0.1	0.2	0.1	22	0.10	0.012	7
13IM119	Soil		0.8	8.8	20.0	29	<0.1	9.4	5.2	149	1.64	9.0	1.1	9.0	7	<0.1	0.3	0.2	33	0.07	0.020	20
13IM120	Soil		0.4	6.4	23.6	42	0.1	4.9	2.2	123	1.41	51.4	1.0	9.6	5	<0.1	0.3	0.2	12	0.04	0.017	26
13IM121	Soil		0.8	11.4	30.3	44	0.5	13.9	5.7	176	2.40	16.7	5.3	7.1	7	<0.1	0.5	0.2	42	0.06	0.016	24

CERTIFICATE OF ANALYSIS

WHI13000402.1

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	
13IM092	Soil	7	0.09	156	0.003	<1	0.85	0.003	0.11	<0.1	<0.01	1.3	0.1	<0.05	2	<0.5	<0.2
13IM093	Soil	6	0.21	137	0.004	<1	0.67	0.005	0.09	<0.1	0.01	1.1	<0.1	0.08	2	<0.5	<0.2
13IM094	Soil	28	0.35	207	0.036	<1	1.68	0.005	0.05	0.2	0.02	3.9	0.2	<0.05	5	<0.5	<0.2
13IM095	Soil	21	0.25	142	0.023	<1	1.22	0.003	0.06	0.1	0.02	1.8	0.1	<0.05	4	<0.5	<0.2
13IM096	Soil	7	0.15	91	0.010	<1	0.73	0.002	0.07	<0.1	<0.01	1.2	<0.1	<0.05	2	<0.5	<0.2
13IM097	Soil	23	0.29	168	0.023	<1	1.32	0.004	0.08	0.2	0.02	1.6	0.1	<0.05	5	<0.5	<0.2
13IM098	Soil	8	0.37	88	0.015	1	1.04	0.002	0.02	<0.1	<0.01	0.7	<0.1	<0.05	3	<0.5	<0.2
13IM099	Soil	10	0.29	147	0.018	<1	0.87	0.002	0.03	<0.1	<0.01	1.3	<0.1	<0.05	3	<0.5	<0.2
13IM100	Soil	20	1.48	168	0.002	<1	2.12	0.004	0.03	<0.1	0.01	1.6	<0.1	<0.05	6	<0.5	<0.2
13IM101	Soil	264	2.00	127	0.086	<1	2.86	0.002	0.01	0.1	0.02	4.8	<0.1	<0.05	7	<0.5	<0.2
13IM102	Soil	38	1.81	368	0.153	1	2.53	0.005	0.53	0.1	0.01	5.8	0.2	<0.05	13	<0.5	<0.2
13IM103	Soil	28	0.69	338	0.041	1	1.87	0.015	0.06	0.2	0.02	3.7	0.2	<0.05	6	<0.5	<0.2
13IM104	Soil	7	0.86	216	0.004	2	1.31	0.002	0.11	<0.1	<0.01	1.4	<0.1	<0.05	3	<0.5	<0.2
13IM105	Soil	19	0.34	260	0.023	1	1.19	0.005	0.06	0.1	0.02	1.7	<0.1	<0.05	4	<0.5	<0.2
13IM106	Soil	25	0.38	465	0.029	1	1.32	0.006	0.05	0.1	0.02	3.3	<0.1	<0.05	4	<0.5	<0.2
13IM107	Soil	28	0.43	238	0.038	<1	1.53	0.006	0.04	0.2	0.03	3.9	0.1	<0.05	5	<0.5	<0.2
13IM108	Soil	14	0.36	171	0.018	<1	1.01	0.003	0.07	<0.1	0.02	3.2	0.1	<0.05	3	<0.5	<0.2
13IM109	Soil	10	0.25	103	0.012	<1	0.89	0.003	0.08	<0.1	<0.01	1.2	<0.1	<0.05	3	<0.5	<0.2
13IM110	Soil	22	0.43	189	0.034	<1	1.21	0.004	0.06	0.1	0.03	4.5	<0.1	<0.05	4	<0.5	<0.2
13IM111	Soil	11	0.22	122	0.021	<1	0.99	0.003	0.08	<0.1	<0.01	1.3	<0.1	<0.05	4	<0.5	<0.2
13IM112	Soil	24	0.41	222	0.038	<1	1.50	0.004	0.06	0.1	0.02	2.7	<0.1	<0.05	5	<0.5	<0.2
13IM113	Soil	16	0.26	173	0.024	1	0.87	0.004	0.09	0.1	0.01	1.5	<0.1	<0.05	4	<0.5	<0.2
13IM114	Soil	8	0.09	139	0.004	<1	0.67	0.002	0.07	<0.1	<0.01	1.2	0.1	<0.05	2	<0.5	<0.2
13IM115	Soil	7	0.07	147	0.005	<1	0.56	0.002	0.08	<0.1	0.01	0.2	<0.1	<0.05	3	<0.5	<0.2
13IM116	Soil	10	0.25	210	0.004	<1	1.18	0.002	0.08	<0.1	<0.01	1.5	<0.1	<0.05	4	<0.5	<0.2
13IM117	Soil	23	0.33	195	0.030	<1	1.48	0.005	0.07	0.1	0.02	2.3	0.1	<0.05	5	<0.5	<0.2
13IM118	Soil	10	0.28	201	0.021	<1	0.99	0.003	0.05	<0.1	0.01	0.9	<0.1	<0.05	4	<0.5	<0.2
13IM119	Soil	18	0.22	151	0.023	1	1.19	0.004	0.07	0.1	<0.01	1.7	<0.1	<0.05	3	<0.5	<0.2
13IM120	Soil	7	0.20	113	0.010	<1	0.76	0.002	0.09	<0.1	<0.01	1.8	0.1	<0.05	3	<0.5	<0.2
13IM121	Soil	24	0.44	189	0.020	<1	1.82	0.004	0.06	0.1	0.02	2.7	0.1	<0.05	5	<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

Project: Bonanza
 Report Date: September 24, 2013

Page: 4 of 9 Part: 1 of 2

CERTIFICATE OF ANALYSIS

WHI13000402.1

Method Analyte	Unit	MDL	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
			ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
			0.1	0.1	0.1	1	0.1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	2	0.01	0.001	1
13IM122	Soil		1.0	15.6	337.7	43	0.8	11.9	4.5	229	1.88	298.9	35.9	7.8	9	0.1	0.6	0.2	34	0.12	0.031	33
13IM123	Soil		0.7	15.7	24.9	44	<0.1	15.2	7.8	260	2.20	22.5	4.4	8.5	11	<0.1	0.4	0.1	42	0.11	0.012	26
13IM124	Soil		0.8	7.9	22.9	33	0.1	9.4	3.9	104	1.67	12.6	9.2	7.1	8	<0.1	0.3	0.1	33	0.08	0.011	24
13IM125	Soil		0.9	14.7	31.9	68	0.5	9.8	4.0	307	1.41	135.9	19.3	17.9	10	0.3	0.7	0.2	9	0.09	0.025	63
13IM126	Soil		1.1	9.9	25.8	34	0.3	8.7	3.5	118	1.55	15.7	14.6	8.4	7	<0.1	0.3	0.1	27	0.08	0.016	25
13IM127	Soil		1.0	13.7	23.3	48	<0.1	13.3	6.6	219	1.98	10.8	3.7	7.8	13	<0.1	0.4	0.1	37	0.12	0.021	26
13IM128	Soil		1.1	10.6	28.1	38	<0.1	8.3	4.1	169	1.43	13.0	4.8	9.1	8	<0.1	0.3	0.1	24	0.08	0.028	35
13IM129	Soil		1.0	10.1	62.8	76	0.1	5.7	3.3	157	1.05	24.0	7.0	7.7	10	0.2	0.4	0.1	12	0.08	0.025	33
13IM130	Soil		0.6	16.3	35.6	46	0.2	7.0	3.4	198	1.09	10.4	3.5	5.9	15	0.2	0.3	<0.1	14	0.12	0.048	46
13IM131	Soil		0.9	12.6	32.3	37	0.3	7.8	3.8	119	1.27	7.0	3.1	0.6	10	0.2	0.3	0.1	23	0.09	0.037	30
13IM132	Soil		1.1	20.4	12.7	54	<0.1	21.7	9.9	303	2.40	11.7	4.6	6.5	14	<0.1	0.5	0.1	57	0.14	0.034	20
13IM133	Soil		0.8	12.4	14.0	45	<0.1	17.6	9.1	247	2.81	11.7	1.8	5.0	10	<0.1	0.5	0.1	50	0.11	0.039	22
13IM134	Soil		1.0	9.9	28.5	32	0.2	9.9	4.1	222	1.52	8.7	2.0	1.6	11	0.1	0.3	0.2	42	0.09	0.023	20
13IM135	Soil		1.2	15.4	45.8	43	0.5	18.5	7.5	206	2.58	10.2	2.8	5.3	10	0.2	0.5	0.2	65	0.10	0.021	25
13IM136	Soil		1.2	31.1	26.2	59	0.2	23.0	10.9	417	2.77	18.1	6.3	9.1	13	<0.1	0.7	0.2	52	0.13	0.029	33
13IM137	Soil		1.0	9.3	22.9	39	<0.1	10.9	5.5	245	1.75	25.6	5.0	4.5	9	<0.1	0.5	0.1	36	0.09	0.032	23
13IM138	Soil		1.0	10.9	20.5	36	<0.1	8.5	4.6	236	1.34	23.9	5.9	9.6	8	<0.1	0.5	0.2	19	0.10	0.024	39
13IM139	Soil		0.7	6.6	15.1	31	<0.1	7.8	3.2	115	1.40	14.8	2.5	1.4	8	<0.1	0.4	0.2	31	0.09	0.029	13
13IM140	Soil		1.2	9.8	16.1	37	<0.1	11.9	6.0	276	2.33	52.2	4.1	6.4	10	<0.1	0.5	0.2	45	0.10	0.017	21
13IM141	Soil		0.6	8.2	18.5	25	<0.1	8.0	3.9	136	1.94	12.4	1.7	3.4	7	<0.1	0.5	0.2	40	0.07	0.021	25
13IM142	Soil		0.5	4.9	11.4	23	0.1	3.5	1.7	78	1.05	12.2	<0.5	7.5	5	<0.1	0.3	0.1	12	0.04	0.015	27
13IM143	Soil		1.1	10.7	12.8	41	<0.1	18.5	8.4	218	3.17	28.1	2.6	3.4	13	<0.1	0.5	0.2	58	0.15	0.032	16
13IM144	Soil		1.8	11.7	13.5	56	0.2	15.3	8.4	396	3.56	95.9	7.0	4.1	9	0.1	0.8	0.2	80	0.09	0.033	12
13IM145	Soil		0.9	8.0	33.2	28	<0.1	11.3	4.8	118	1.34	232.8	4.4	10.2	6	<0.1	0.6	0.1	19	0.05	0.015	29
13IM146	Soil		1.3	11.1	20.6	42	0.2	13.3	6.0	186	2.05	829.0	166.5	5.6	8	<0.1	1.4	0.2	33	0.08	0.018	17
13IM147	Soil		1.4	10.5	23.5	34	0.2	7.6	4.0	151	1.98	1099	18.4	8.1	7	0.1	1.8	0.1	19	0.06	0.021	20
13IM148	Soil		0.4	12.1	25.6	44	<0.1	7.7	4.6	205	2.19	575.1	4.4	9.8	8	<0.1	1.0	<0.1	15	0.08	0.025	28
13IM149	Soil		0.9	7.7	16.8	46	0.2	10.6	5.3	188	2.28	185.6	1.6	6.6	8	0.1	0.6	0.1	43	0.07	0.020	23
13IM150	Soil		1.2	14.4	15.3	39	0.2	17.2	7.0	197	2.71	18.6	2.2	6.7	10	<0.1	0.5	0.2	61	0.09	0.013	19
13IM151	Soil		0.9	21.7	14.3	48	<0.1	23.5	8.9	217	2.48	29.6	4.4	7.1	10	<0.1	0.7	0.2	51	0.09	0.011	17

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

WHI13000402.1

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	
13IM122	Soil	20	0.28	173	0.018	1	1.41	0.004	0.08	0.1	0.04	2.1	0.1	<0.05	4	<0.5	<0.2
13IM123	Soil	26	0.44	217	0.037	<1	1.52	0.006	0.06	0.1	0.02	3.0	<0.1	<0.05	4	<0.5	<0.2
13IM124	Soil	19	0.34	136	0.024	<1	1.24	0.005	0.06	0.1	0.02	1.9	<0.1	<0.05	4	<0.5	<0.2
13IM125	Soil	11	0.44	206	0.003	<1	0.86	0.002	0.12	<0.1	<0.01	1.6	<0.1	<0.05	3	<0.5	<0.2
13IM126	Soil	16	0.27	209	0.018	<1	1.12	0.004	0.08	<0.1	0.02	1.7	0.1	<0.05	3	<0.5	<0.2
13IM127	Soil	23	0.40	465	0.025	<1	1.41	0.007	0.07	0.1	0.02	2.9	0.1	<0.05	4	<0.5	<0.2
13IM128	Soil	16	0.27	287	0.018	<1	1.10	0.003	0.09	<0.1	0.02	1.7	<0.1	<0.05	3	<0.5	<0.2
13IM129	Soil	9	0.20	469	0.010	<1	0.60	0.003	0.09	<0.1	0.01	1.5	<0.1	<0.05	2	<0.5	<0.2
13IM130	Soil	10	0.24	280	0.016	<1	0.66	0.003	0.08	<0.1	0.01	1.7	0.1	<0.05	2	<0.5	<0.2
13IM131	Soil	14	0.25	389	0.013	<1	0.98	0.004	0.09	<0.1	0.03	0.8	<0.1	<0.05	3	<0.5	<0.2
13IM132	Soil	32	0.44	380	0.049	1	1.82	0.009	0.05	0.2	0.04	5.0	0.1	<0.05	5	<0.5	<0.2
13IM133	Soil	33	0.43	286	0.044	2	2.77	0.006	0.04	0.2	0.04	3.7	<0.1	<0.05	4	<0.5	<0.2
13IM134	Soil	20	0.25	511	0.031	<1	1.16	0.005	0.06	0.1	0.04	1.3	<0.1	<0.05	4	<0.5	<0.2
13IM135	Soil	35	0.42	389	0.051	1	2.18	0.006	0.06	0.2	0.03	3.2	0.1	<0.05	6	<0.5	<0.2
13IM136	Soil	33	0.50	436	0.041	1	1.85	0.008	0.06	0.2	0.05	5.8	0.1	<0.05	5	<0.5	<0.2
13IM137	Soil	19	0.30	145	0.030	1	1.15	0.005	0.07	0.1	0.02	2.0	<0.1	<0.05	4	<0.5	<0.2
13IM138	Soil	12	0.30	190	0.021	<1	0.84	0.003	0.07	0.1	0.02	2.3	<0.1	<0.05	3	<0.5	<0.2
13IM139	Soil	14	0.33	166	0.018	<1	1.09	0.006	0.04	0.1	0.01	1.3	0.2	<0.05	4	<0.5	<0.2
13IM140	Soil	25	0.38	260	0.035	<1	1.62	0.006	0.06	0.2	0.02	3.3	0.1	<0.05	5	<0.5	<0.2
13IM141	Soil	22	0.27	161	0.025	<1	1.49	0.004	0.06	0.1	0.02	1.9	0.1	<0.05	5	<0.5	<0.2
13IM142	Soil	6	0.23	238	0.007	<1	0.86	0.002	0.07	<0.1	0.01	1.0	0.1	<0.05	3	<0.5	<0.2
13IM143	Soil	30	0.43	265	0.037	1	2.08	0.006	0.06	0.1	0.03	3.1	0.1	<0.05	5	<0.5	<0.2
13IM144	Soil	38	0.47	179	0.057	1	2.26	0.005	0.05	0.2	0.02	3.0	0.1	<0.05	8	<0.5	<0.2
13IM145	Soil	15	0.19	176	0.013	<1	1.40	0.003	0.09	0.1	0.02	1.5	0.1	<0.05	2	<0.5	<0.2
13IM146	Soil	21	0.30	234	0.018	<1	1.50	0.004	0.08	0.1	0.03	2.1	0.1	<0.05	4	<0.5	<0.2
13IM147	Soil	13	0.27	295	0.006	<1	1.37	0.004	0.08	<0.1	0.03	1.3	0.1	<0.05	3	<0.5	<0.2
13IM148	Soil	10	0.86	173	0.021	<1	1.39	0.003	0.11	<0.1	<0.01	1.7	0.1	<0.05	4	<0.5	<0.2
13IM149	Soil	20	0.42	303	0.021	<1	1.69	0.004	0.08	0.1	0.02	2.1	0.1	<0.05	6	<0.5	<0.2
13IM150	Soil	35	0.45	234	0.047	<1	2.06	0.006	0.05	0.1	0.02	4.5	0.1	<0.05	6	<0.5	<0.2
13IM151	Soil	32	0.44	171	0.051	<1	1.81	0.006	0.04	0.2	0.03	3.7	<0.1	<0.05	5	<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

Project: Bonanza
 Report Date: September 24, 2013

Page: 5 of 9 Part: 1 of 2

CERTIFICATE OF ANALYSIS

WHI13000402.1

Method Analyte	Unit	MDL	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
			ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
			0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	2	0.01	0.001	1	
13IM152	Soil		1.0	9.4	15.6	38	<0.1	11.5	5.9	194	1.91	26.3	2.2	3.2	8	<0.1	0.5	0.2	38	0.07	0.019	10
13IM153	Soil		0.9	6.7	12.6	21	<0.1	6.0	2.3	176	1.07	158.6	2.9	3.1	5	<0.1	0.7	0.1	20	0.05	0.018	34
13IM154	Soil		0.9	23.2	13.9	52	0.1	21.0	10.9	477	2.28	107.9	6.0	5.9	15	<0.1	0.8	0.1	38	0.16	0.029	33
13IM155	Soil		1.3	24.1	18.7	65	<0.1	16.0	9.7	620	2.32	666.2	11.6	13.3	12	0.3	2.9	0.1	15	0.14	0.035	49
13IM156	Soil		0.7	17.7	11.8	43	0.1	16.2	7.9	252	2.27	32.0	4.4	5.4	15	<0.1	0.7	0.1	45	0.15	0.013	21
13IM157	Soil		0.8	16.1	15.0	42	<0.1	18.4	7.3	182	2.34	9.9	1.6	5.8	11	<0.1	0.5	0.2	48	0.10	0.023	21
13IM158	Soil		0.6	11.1	11.8	40	<0.1	15.9	7.4	182	2.23	9.8	3.0	3.2	12	<0.1	0.5	0.1	42	0.15	0.057	17
13IM159	Soil		0.8	9.3	21.3	24	0.1	10.0	4.3	100	2.16	8.1	7.6	3.2	9	<0.1	0.4	0.2	58	0.08	0.016	20
13IM160	Soil		0.6	12.7	21.4	42	0.4	15.0	6.5	151	2.20	4.9	1.0	3.6	9	<0.1	0.3	0.2	34	0.08	0.014	9
13IM161	Soil		0.5	10.5	15.0	32	<0.1	9.1	3.8	141	1.46	5.0	0.9	0.2	10	<0.1	0.2	0.1	27	0.11	0.025	9
13IM162	Soil		0.8	16.9	9.5	41	<0.1	15.5	6.7	175	2.14	7.8	1.3	2.7	9	<0.1	0.5	0.1	40	0.08	0.015	14
13IM163	Soil		0.7	17.3	12.0	44	0.2	16.6	7.6	208	2.01	12.4	97.2	4.9	13	<0.1	0.6	0.1	39	0.12	0.015	23
13IM164	Soil		0.6	6.9	21.9	30	0.3	5.7	2.7	542	1.17	97.8	5.3	8.9	6	<0.1	0.4	0.1	15	0.07	0.009	38
13IM165	Soil		0.7	12.7	16.5	26	0.1	6.6	3.2	132	1.48	172.7	3.0	11.1	7	<0.1	0.6	0.1	17	0.06	0.014	47
13IM166	Soil		0.8	17.0	11.8	41	<0.1	15.9	8.3	272	2.18	119.4	9.5	6.5	13	<0.1	0.6	0.1	40	0.13	0.019	28
13IM167	Soil		1.0	29.8	14.1	51	<0.1	24.4	10.4	367	2.43	24.1	3.2	6.8	16	<0.1	0.7	0.2	50	0.16	0.017	19
13IM168	Soil		0.9	16.1	22.3	46	<0.1	16.8	6.5	195	2.30	15.4	2.0	8.0	6	<0.1	0.6	0.2	49	0.05	0.011	20
13IM169	Soil		0.4	3.5	21.3	11	<0.1	2.8	0.9	28	0.55	30.7	0.6	18.1	5	<0.1	0.3	<0.1	9	0.02	0.008	58
13IM170	Soil		0.6	12.4	17.9	35	<0.1	10.9	3.9	131	1.43	63.7	5.7	7.9	7	<0.1	0.6	0.1	31	0.07	0.008	25
13IM171	Soil		0.5	6.3	16.1	35	0.1	6.5	2.8	84	0.97	24.0	<0.5	13.6	4	<0.1	0.3	0.1	22	0.03	0.008	36
13IM172	Soil		0.6	11.0	22.2	23	0.1	8.5	3.3	108	1.21	40.0	1.2	5.2	6	<0.1	0.4	0.1	24	0.06	0.014	29
13IM173	Soil		0.8	8.4	20.5	20	<0.1	5.4	1.8	52	1.23	121.6	<0.5	3.1	6	<0.1	0.5	0.2	29	0.05	0.019	23
13IM174	Soil		0.3	7.1	17.7	55	<0.1	4.4	3.6	145	2.39	64.1	<0.5	13.0	5	0.2	0.4	0.2	12	0.06	0.020	55
13IM175	Soil		0.4	3.8	25.9	60	<0.1	8.5	4.8	289	1.93	44.7	<0.5	19.0	3	<0.1	0.4	0.2	10	0.05	0.027	23
13IM176	Soil		0.7	2.3	17.3	16	<0.1	1.5	0.6	21	0.44	38.3	<0.5	8.2	2	<0.1	0.3	<0.1	7	0.01	0.006	29
13IM177	Soil		0.4	6.9	45.5	26	<0.1	2.8	0.8	111	0.48	5.2	0.6	20.5	3	<0.1	0.2	0.1	5	0.02	0.004	26
13IM178	Soil		0.7	4.4	13.7	12	<0.1	3.2	1.2	39	0.66	4.6	<0.5	1.8	4	<0.1	0.2	<0.1	15	0.03	0.011	27
13IM179	Soil		0.7	7.5	14.9	42	<0.1	12.2	4.6	91	1.97	7.4	<0.5	6.2	6	<0.1	0.3	0.2	30	0.07	0.016	8
13IM180	Soil		0.4	14.0	15.9	37	<0.1	7.6	3.8	94	1.42	15.5	<0.5	13.5	8	<0.1	0.3	0.1	17	0.08	0.018	48
13IM181	Soil		0.6	19.4	17.2	31	<0.1	7.5	2.9	210	1.21	99.6	1.7	15.5	14	<0.1	0.6	0.1	14	0.17	0.026	56

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

WHI13000402.1

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	
13IM152	Soil	21	0.38	96	0.027	<1	1.47	0.004	0.04	0.1	0.02	1.9	<0.1	<0.05	5	<0.5	<0.2
13IM153	Soil	11	0.11	81	0.009	<1	0.79	0.002	0.09	0.1	0.02	0.9	<0.1	<0.05	3	<0.5	<0.2
13IM154	Soil	25	0.48	282	0.031	<1	1.32	0.006	0.06	0.2	0.03	6.2	0.1	<0.05	4	<0.5	<0.2
13IM155	Soil	15	0.79	234	0.006	<1	1.25	0.002	0.09	<0.1	0.03	5.6	0.1	<0.05	3	<0.5	<0.2
13IM156	Soil	28	0.43	340	0.040	<1	1.45	0.007	0.04	0.1	0.03	4.1	<0.1	<0.05	4	<0.5	<0.2
13IM157	Soil	27	0.47	228	0.042	<1	1.53	0.006	0.03	0.1	0.02	3.2	<0.1	<0.05	5	<0.5	<0.2
13IM158	Soil	24	0.51	142	0.034	<1	1.53	0.006	0.04	0.2	0.02	2.6	<0.1	<0.05	4	<0.5	<0.2
13IM159	Soil	25	0.24	243	0.041	<1	1.63	0.005	0.03	<0.1	0.03	2.6	0.1	<0.05	7	<0.5	<0.2
13IM160	Soil	23	0.62	176	0.032	<1	1.67	0.003	0.02	0.1	0.02	1.8	<0.1	<0.05	5	<0.5	<0.2
13IM161	Soil	15	0.46	134	0.020	<1	1.03	0.004	0.03	<0.1	0.02	0.7	<0.1	<0.05	4	<0.5	<0.2
13IM162	Soil	27	0.55	172	0.033	<1	1.65	0.006	0.03	0.1	0.03	3.1	<0.1	<0.05	5	<0.5	<0.2
13IM163	Soil	26	0.57	212	0.030	<1	1.56	0.005	0.04	0.1	0.02	3.4	0.1	<0.05	4	<0.5	<0.2
13IM164	Soil	11	0.14	169	0.008	<1	0.87	0.003	0.05	<0.1	0.02	2.0	<0.1	<0.05	2	<0.5	<0.2
13IM165	Soil	13	0.22	170	0.007	<1	1.17	0.003	0.09	0.1	0.01	1.9	0.1	<0.05	3	<0.5	<0.2
13IM166	Soil	24	0.39	324	0.027	<1	1.47	0.007	0.06	0.1	0.02	4.6	<0.1	<0.05	4	<0.5	<0.2
13IM167	Soil	29	0.49	305	0.044	<1	1.54	0.007	0.06	0.2	0.04	5.4	<0.1	<0.05	4	<0.5	<0.2
13IM168	Soil	31	0.36	158	0.048	<1	1.71	0.006	0.04	0.1	0.03	4.1	<0.1	<0.05	5	<0.5	<0.2
13IM169	Soil	7	0.08	109	0.006	<1	0.67	0.002	0.05	<0.1	<0.01	0.7	<0.1	<0.05	2	<0.5	<0.2
13IM170	Soil	18	0.25	138	0.025	<1	0.94	0.004	0.04	<0.1	0.01	2.2	<0.1	<0.05	3	<0.5	<0.2
13IM171	Soil	12	0.13	117	0.014	<1	0.81	0.004	0.05	<0.1	<0.01	1.4	<0.1	<0.05	2	<0.5	<0.2
13IM172	Soil	15	0.22	106	0.016	<1	0.78	0.003	0.04	0.1	0.02	1.3	<0.1	<0.05	2	<0.5	<0.2
13IM173	Soil	13	0.12	130	0.015	<1	0.89	0.003	0.04	0.1	0.01	1.1	<0.1	<0.05	4	<0.5	<0.2
13IM174	Soil	6	1.16	109	0.003	<1	1.53	0.002	0.05	<0.1	<0.01	3.0	<0.1	<0.05	4	<0.5	<0.2
13IM175	Soil	6	0.56	106	0.004	<1	1.20	0.002	0.07	<0.1	0.01	1.7	<0.1	<0.05	4	<0.5	<0.2
13IM176	Soil	3	0.03	53	0.005	<1	0.27	0.001	0.06	<0.1	<0.01	0.4	<0.1	<0.05	<1	<0.5	<0.2
13IM177	Soil	4	0.06	117	0.002	<1	0.27	0.001	0.05	<0.1	0.01	2.2	<0.1	<0.05	<1	<0.5	<0.2
13IM178	Soil	7	0.04	140	0.006	<1	0.44	0.002	0.05	<0.1	<0.01	0.4	<0.1	<0.05	2	<0.5	<0.2
13IM179	Soil	13	0.89	331	0.009	<1	1.62	0.004	0.02	0.1	<0.01	2.3	<0.1	<0.05	6	<0.5	<0.2
13IM180	Soil	11	0.30	305	0.009	<1	0.83	0.003	0.07	<0.1	0.02	3.4	<0.1	<0.05	2	<0.5	<0.2
13IM181	Soil	8	0.33	285	0.004	<1	0.78	0.002	0.08	<0.1	0.02	3.5	<0.1	<0.05	2	<0.5	<0.2

CERTIFICATE OF ANALYSIS

WHI13000402.1

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	MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
13IM182	Soil	0.6	12.1	25.8	26	0.1	4.2	2.3	101	1.08	322.3	0.7	13.3	6	0.1	0.9	0.2	10	0.05	0.014	54
13IM183	Soil	1.0	33.9	13.0	51	<0.1	23.9	8.4	238	2.33	103.3	4.2	8.6	12	<0.1	0.8	0.1	47	0.10	0.013	29
13IM184	Soil	0.4	7.3	16.2	30	<0.1	2.5	0.8	72	1.02	44.3	<0.5	16.6	4	<0.1	0.3	0.2	7	0.01	0.009	59
13IM185	Soil	0.5	7.7	14.9	39	<0.1	3.6	1.6	86	1.22	35.3	<0.5	12.9	3	<0.1	0.3	0.1	12	0.01	0.005	37
13IM186	Soil	0.4	10.8	25.5	34	0.2	9.2	3.3	69	1.27	146.4	2.0	13.4	4	<0.1	0.8	0.1	23	0.04	0.009	29
13IM187	Soil	1.0	11.3	21.7	38	<0.1	10.2	4.1	180	1.59	110.9	4.0	5.3	8	0.1	0.8	0.1	35	0.07	0.019	26
13IM188	Soil	0.3	5.7	25.6	13	<0.1	2.3	0.8	70	0.41	78.2	<0.5	16.7	2	<0.1	0.6	0.1	7	0.01	0.004	35
13IM189	Rock Pulp	6.0	62.5	707.4	2299	80.7	23.5	12.7	407	3.06	40.6	4865	1.0	30	22.0	73.9	1.1	67	0.68	0.049	5
13IM190	Soil	0.7	10.2	17.8	25	0.2	8.7	3.8	150	1.38	84.9	1.2	10.2	6	<0.1	0.5	0.1	30	0.05	0.009	29
13IM191	Soil	1.2	10.1	14.0	42	0.1	12.1	6.6	197	1.98	17.9	2.1	5.9	11	<0.1	0.5	0.1	37	0.13	0.061	17
13IM192	Soil	0.9	11.7	11.1	39	<0.1	12.2	6.4	279	1.70	14.1	2.2	5.7	13	<0.1	0.4	<0.1	33	0.18	0.032	20
13IM193	Soil	0.6	12.2	13.6	60	<0.1	12.8	4.8	176	2.00	13.3	7.5	13.5	20	<0.1	0.3	0.1	23	0.30	0.049	41
13IM194	Soil	1.1	9.8	11.0	44	<0.1	11.5	4.3	126	1.32	26.1	3.0	5.3	12	0.1	0.3	<0.1	22	0.18	0.054	16
13IM195	Soil	0.4	4.7	26.4	17	<0.1	3.5	1.3	39	0.69	4.2	3.4	15.0	6	<0.1	0.2	0.1	11	0.05	0.010	42
13IM196	Soil	0.5	9.5	21.5	24	0.1	8.0	2.7	75	1.09	10.2	1.6	6.4	7	<0.1	0.3	<0.1	24	0.07	0.016	27
13IM197	Soil	0.7	13.9	25.9	35	<0.1	7.0	2.9	91	1.10	24.9	3.5	18.4	6	<0.1	0.6	0.1	18	0.04	0.009	52
13IM198	Soil	0.4	8.8	12.7	24	<0.1	6.5	2.8	98	1.28	108.3	2.2	5.3	8	<0.1	0.6	<0.1	19	0.12	0.036	30
13IM199	Soil	0.9	30.5	21.0	48	0.2	22.2	9.4	324	2.00	68.0	1.9	5.1	16	0.2	0.7	0.1	46	0.32	0.039	20
13IM200	Soil	0.7	18.3	12.2	40	0.3	16.1	6.6	214	1.78	75.7	9.2	5.0	13	<0.1	0.7	<0.1	37	0.15	0.031	24
13IM201	Soil	0.7	13.5	14.0	40	0.2	11.7	4.8	182	1.67	31.0	5.1	3.2	13	<0.1	0.4	0.1	35	0.14	0.040	29
13IM202	Soil	0.6	10.4	26.0	37	0.2	9.6	3.7	102	1.57	9.3	<0.5	13.2	6	<0.1	0.3	0.1	28	0.06	0.011	40
13IM203	Soil	0.6	11.8	18.0	35	0.1	9.7	4.2	130	1.33	48.7	2.7	8.8	6	<0.1	0.6	0.1	25	0.05	0.009	43
13IM204	Soil	0.9	8.1	28.3	35	0.2	10.4	4.7	268	1.50	22.8	1.9	8.3	7	0.1	0.4	0.2	29	0.07	0.017	28
13IM205	Soil	1.7	12.8	13.1	50	0.3	15.7	8.0	254	2.76	9.6	<0.5	3.3	9	0.2	0.5	0.2	71	0.09	0.027	11
13IM206	Soil	0.8	16.6	12.9	43	0.1	15.9	6.0	261	1.72	14.7	6.9	3.9	15	<0.1	0.6	0.2	34	0.13	0.019	28
13IM207	Soil	0.3	7.9	18.0	19	0.1	6.2	2.5	72	1.14	43.3	1.9	8.4	5	<0.1	0.7	0.2	13	0.03	0.009	26
13IM208	Soil	0.5	8.9	22.2	32	<0.1	8.1	2.9	120	1.30	20.6	3.8	9.2	6	0.1	0.5	0.2	17	0.04	0.010	35
13IM209	Soil	0.5	12.9	13.6	35	<0.1	9.4	3.9	194	1.33	23.3	3.0	6.2	11	0.1	0.6	0.2	17	0.09	0.018	30
13IM210	Soil	0.6	15.5	12.5	34	<0.1	13.3	4.5	290	1.48	18.7	2.9	5.1	17	<0.1	0.6	0.1	23	0.14	0.021	25
13IM211	Soil	0.4	8.5	13.7	27	<0.1	7.6	3.2	136	1.19	40.8	1.6	6.0	11	<0.1	0.5	0.3	17	0.10	0.017	30

CERTIFICATE OF ANALYSIS

WHI13000402.1

Method Analyte	Unit	MDL	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
			ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
13IM182	Soil		7	0.22	90	0.018	<1	0.61	0.001	0.09	<0.1	<0.01	1.8	<0.1	<0.05	2	<0.5	<0.2
13IM183	Soil		31	0.45	338	0.043	1	1.39	0.006	0.06	0.2	0.06	7.5	<0.1	<0.05	4	<0.5	<0.2
13IM184	Soil		5	0.20	120	0.003	<1	0.71	0.002	0.07	<0.1	<0.01	2.5	<0.1	<0.05	2	<0.5	<0.2
13IM185	Soil		7	0.28	86	0.008	<1	0.83	0.002	0.05	0.1	<0.01	2.5	<0.1	<0.05	3	<0.5	<0.2
13IM186	Soil		14	0.17	88	0.012	<1	0.93	0.002	0.06	0.1	0.02	1.6	<0.1	<0.05	3	<0.5	<0.2
13IM187	Soil		18	0.22	159	0.022	<1	1.04	0.004	0.05	0.2	0.01	1.7	<0.1	<0.05	4	<0.5	<0.2
13IM188	Soil		4	0.04	67	0.005	<1	0.26	0.001	0.04	<0.1	<0.01	1.2	<0.1	<0.05	<1	<0.5	<0.2
13IM189	Rock Pulp		27	0.59	116	0.096	6	1.21	0.082	0.10	29.9	0.29	4.0	1.4	0.42	7	<0.5	<0.2
13IM190	Soil		17	0.24	139	0.023	<1	0.89	0.004	0.04	<0.1	0.01	2.4	<0.1	<0.05	3	<0.5	<0.2
13IM191	Soil		19	0.33	212	0.027	1	1.06	0.005	0.08	0.2	0.02	2.0	<0.1	<0.05	3	<0.5	<0.2
13IM192	Soil		18	0.41	320	0.022	<1	1.05	0.006	0.04	0.2	0.02	2.5	<0.1	<0.05	3	<0.5	<0.2
13IM193	Soil		12	0.69	336	0.009	<1	1.29	0.006	0.05	0.1	0.02	4.0	<0.1	<0.05	4	<0.5	<0.2
13IM194	Soil		11	0.44	158	0.013	<1	0.82	0.003	0.03	0.1	<0.01	1.4	<0.1	<0.05	3	<0.5	<0.2
13IM195	Soil		6	0.10	180	0.006	<1	0.39	0.002	0.05	<0.1	<0.01	0.8	<0.1	<0.05	1	<0.5	<0.2
13IM196	Soil		13	0.19	157	0.021	<1	0.68	0.004	0.03	0.1	0.02	1.4	<0.1	<0.05	2	<0.5	<0.2
13IM197	Soil		13	0.15	128	0.012	<1	0.67	0.002	0.05	<0.1	0.02	3.0	<0.1	<0.05	2	<0.5	<0.2
13IM198	Soil		10	0.18	149	0.014	<1	0.74	0.003	0.08	0.1	<0.01	1.6	<0.1	<0.05	3	<0.5	<0.2
13IM199	Soil		39	0.59	227	0.027	<1	1.26	0.005	0.04	0.1	0.02	4.0	<0.1	<0.05	3	<0.5	<0.2
13IM200	Soil		22	0.34	219	0.034	<1	1.06	0.006	0.06	0.1	0.03	2.7	<0.1	<0.05	3	<0.5	<0.2
13IM201	Soil		19	0.37	190	0.024	<1	1.13	0.006	0.06	0.2	0.03	1.9	<0.1	<0.05	3	<0.5	<0.2
13IM202	Soil		15	0.49	112	0.019	<1	1.22	0.005	0.05	<0.1	0.02	2.1	0.1	<0.05	3	<0.5	<0.2
13IM203	Soil		15	0.32	115	0.022	<1	0.93	0.003	0.06	<0.1	0.02	2.1	<0.1	<0.05	2	<0.5	<0.2
13IM204	Soil		16	0.33	183	0.016	<1	1.06	0.004	0.07	0.1	0.01	1.7	<0.1	<0.05	3	<0.5	<0.2
13IM205	Soil		29	0.34	271	0.037	<1	1.98	0.006	0.04	0.1	0.03	2.7	0.1	<0.05	6	<0.5	<0.2
13IM206	Soil		21	0.40	212	0.036	<1	1.09	0.006	0.04	0.1	0.04	3.3	<0.1	<0.05	3	0.7	<0.2
13IM207	Soil		9	0.14	117	0.010	<1	0.88	0.003	0.06	<0.1	0.02	1.6	<0.1	<0.05	2	<0.5	<0.2
13IM208	Soil		13	0.27	93	0.017	<1	0.90	0.004	0.04	<0.1	0.01	2.6	<0.1	<0.05	3	<0.5	<0.2
13IM209	Soil		14	0.32	180	0.026	<1	0.77	0.005	0.04	0.1	<0.01	2.4	<0.1	<0.05	2	<0.5	<0.2
13IM210	Soil		17	0.30	269	0.026	<1	0.86	0.006	0.05	0.1	0.02	2.6	<0.1	<0.05	3	0.5	<0.2
13IM211	Soil		13	0.24	158	0.019	<1	0.75	0.004	0.04	<0.1	0.02	2.2	<0.1	<0.05	2	<0.5	<0.2

CERTIFICATE OF ANALYSIS

WHI13000402.1

Method Analyte	Unit	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
MDL		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%	%	%	ppm
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	2	0.01	0.001	1	
13IM212	Soil	0.7	13.3	12.5	36	<0.1	10.9	4.2	340	1.54	30.6	8.1	5.7	12	<0.1	0.7	0.2	29	0.10	0.017	21
13IM213	Soil	0.3	9.3	22.8	12	<0.1	4.0	1.4	116	0.73	99.6	7.1	11.7	7	<0.1	1.5	0.2	6	0.05	0.006	42
13IM214	Soil	0.5	9.8	16.9	28	<0.1	7.7	2.6	86	1.16	19.9	4.2	6.8	9	<0.1	0.4	0.1	18	0.08	0.016	26
13IM215	Soil	0.5	12.9	15.8	40	0.1	10.6	3.8	156	1.48	75.4	8.5	5.6	16	<0.1	1.2	0.1	23	0.18	0.029	27
13IM216	Soil	0.6	10.3	15.3	41	0.1	8.3	3.8	146	1.48	35.0	3.0	3.8	12	0.1	0.5	0.2	19	0.12	0.034	32
13IM217	Soil	0.7	12.4	22.7	47	0.1	9.9	4.0	205	1.59	22.3	0.9	0.9	11	0.2	0.5	0.1	19	0.10	0.039	30
13IM218	Soil	0.4	15.3	14.8	45	0.1	12.2	5.3	184	1.85	10.5	2.6	6.0	16	<0.1	0.5	0.2	25	0.16	0.036	29
13IM219	Soil	0.7	14.8	12.9	47	<0.1	13.4	5.7	190	1.81	8.4	2.1	5.1	18	<0.1	0.4	0.2	28	0.19	0.033	25
13IM220	Soil	0.5	13.6	13.9	43	<0.1	12.1	4.6	157	1.57	8.1	4.7	5.0	19	0.2	0.4	0.2	25	0.21	0.041	24
13IM221	Soil	0.6	15.1	12.5	47	0.1	13.3	5.0	152	1.67	7.4	2.8	4.5	22	0.2	0.5	0.1	27	0.21	0.045	22
13IM222	Soil	0.5	16.9	15.6	46	0.1	13.4	5.4	156	1.78	7.9	2.7	4.8	23	0.1	0.4	0.2	29	0.24	0.048	21
13IM223	Soil	0.5	13.0	15.2	45	0.1	12.0	5.2	119	1.81	7.6	3.5	4.2	20	<0.1	0.4	0.2	28	0.21	0.044	21
13KD001	Soil	0.7	15.9	11.6	53	<0.1	18.2	8.3	296	2.35	12.3	<0.5	6.8	14	<0.1	0.4	0.1	29	0.10	0.021	20
13KD002	Soil	0.6	15.7	16.1	41	0.1	16.2	7.3	227	2.05	16.9	1.6	5.9	12	<0.1	0.4	0.3	34	0.09	0.017	24
13KD003	Soil	0.5	11.2	15.3	41	<0.1	13.1	6.2	214	1.80	15.8	4.7	5.2	14	<0.1	0.4	0.2	29	0.11	0.016	22
13KD004	Soil	1.1	8.8	16.6	42	0.1	12.7	6.6	288	2.51	15.3	2.9	1.7	13	0.2	0.4	0.2	51	0.11	0.041	15
13KD005	Soil	0.5	6.4	17.3	36	0.3	5.4	3.7	257	1.50	8.7	1.8	4.7	11	0.2	0.3	0.2	29	0.06	0.017	14
13KD006	Soil	1.1	11.9	19.1	42	0.3	12.3	5.4	249	2.77	10.1	4.7	5.6	10	<0.1	0.7	0.2	53	0.08	0.022	18
13KD007	Soil	0.8	6.2	13.5	28	<0.1	5.6	2.6	127	1.67	14.9	1.2	2.3	7	<0.1	0.4	<0.1	28	0.04	0.021	11
13KD008	Soil	0.6	4.8	14.2	17	<0.1	3.1	1.9	82	1.20	15.4	1.6	3.5	8	0.1	0.3	0.1	19	0.04	0.012	9
13KD009	Soil	1.2	8.6	17.7	34	0.2	9.3	4.1	242	2.30	11.8	<0.5	2.3	8	<0.1	0.4	0.2	61	0.06	0.044	14
13KD010	Soil	0.8	16.2	19.6	46	0.2	19.5	7.2	215	2.29	12.5	3.9	8.6	9	<0.1	0.7	0.2	42	0.07	0.016	16
13KD011	Soil	0.9	16.5	19.1	52	0.2	19.9	7.5	228	2.72	12.2	<0.5	5.6	10	<0.1	0.8	0.4	54	0.07	0.015	13
13KD012	Soil	0.8	15.7	18.3	38	0.1	12.3	5.6	215	1.99	9.3	<0.5	7.8	12	<0.1	0.5	0.2	38	0.07	0.012	25
13KD013	Soil	0.7	8.2	19.4	28	<0.1	9.2	3.8	137	1.52	31.0	<0.5	4.8	12	<0.1	0.4	0.1	22	0.08	0.016	17
13KD014	Soil	1.0	31.9	10.3	59	0.4	24.4	16.0	733	3.45	18.8	0.7	2.4	35	<0.1	0.4	0.1	88	0.61	0.091	42
13KD015	Soil	0.4	41.5	3.7	90	<0.1	45.2	30.5	724	4.46	4.2	0.5	1.6	15	<0.1	0.2	<0.1	129	0.45	0.166	5
13FV38	Soil	0.9	6.8	20.5	32	0.1	6.0	2.1	93	1.40	8.9	<0.5	11.3	5	<0.1	0.4	0.2	24	0.04	0.012	31
13FV39	Soil	0.9	12.4	18.9	37	0.2	11.9	4.9	177	1.89	8.6	<0.5	8.6	9	<0.1	0.5	0.2	38	0.06	0.014	31
13FV40	Soil	0.6	9.4	24.5	29	<0.1	9.5	4.7	169	1.57	6.6	<0.5	10.1	10	<0.1	0.3	0.2	27	0.08	0.020	36

CERTIFICATE OF ANALYSIS

WHI13000402.1

Method Analyte	Unit	MDL	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
			ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
			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	
13IM212	Soil		19	0.28	191	0.036	<1	1.03	0.006	0.04	0.2	0.02	3.3	<0.1	<0.05	3	<0.5	<0.2
13IM213	Soil		6	0.08	144	0.010	<1	0.40	0.003	0.05	<0.1	0.01	2.3	<0.1	<0.05	1	0.8	<0.2
13IM214	Soil		12	0.29	155	0.023	<1	0.93	0.005	0.04	0.1	0.01	2.4	<0.1	<0.05	3	<0.5	<0.2
13IM215	Soil		17	0.36	200	0.028	<1	0.91	0.006	0.06	0.1	0.01	2.6	<0.1	<0.05	3	0.6	<0.2
13IM216	Soil		13	0.53	151	0.017	<1	1.12	0.004	0.05	0.1	0.02	2.1	<0.1	<0.05	3	<0.5	<0.2
13IM217	Soil		17	0.64	156	0.019	<1	1.26	0.005	0.08	0.1	0.03	1.6	<0.1	<0.05	5	0.9	<0.2
13IM218	Soil		18	0.64	176	0.049	1	1.32	0.008	0.09	<0.1	0.03	3.1	<0.1	<0.05	4	0.8	<0.2
13IM219	Soil		19	0.62	245	0.045	<1	1.30	0.006	0.05	0.1	0.02	3.5	<0.1	<0.05	4	<0.5	<0.2
13IM220	Soil		17	0.46	252	0.037	<1	1.08	0.007	0.05	0.1	0.02	2.9	<0.1	<0.05	3	0.5	<0.2
13IM221	Soil		19	0.44	278	0.040	<1	1.20	0.007	0.06	0.1	0.04	3.0	<0.1	<0.05	4	<0.5	<0.2
13IM222	Soil		19	0.37	317	0.039	<1	1.17	0.008	0.05	0.2	0.02	3.3	<0.1	<0.05	4	0.8	<0.2
13IM223	Soil		18	0.39	304	0.035	<1	1.25	0.007	0.05	0.2	0.03	2.9	<0.1	<0.05	4	<0.5	<0.2
13KD001	Soil		21	0.56	200	0.039	<1	1.55	0.005	0.05	0.1	0.01	4.3	<0.1	<0.05	5	<0.5	<0.2
13KD002	Soil		23	0.41	245	0.034	<1	1.42	0.006	0.06	0.1	0.03	3.9	<0.1	<0.05	4	0.6	<0.2
13KD003	Soil		19	0.38	169	0.035	<1	1.20	0.005	0.06	<0.1	<0.01	2.4	0.1	<0.05	4	0.6	<0.2
13KD004	Soil		24	0.33	178	0.040	<1	1.53	0.006	0.06	0.1	0.03	1.9	<0.1	<0.05	6	0.8	<0.2
13KD005	Soil		11	0.23	253	0.010	<1	1.39	0.005	0.08	0.1	0.01	1.7	0.2	<0.05	5	<0.5	<0.2
13KD006	Soil		28	0.39	191	0.045	<1	1.85	0.006	0.05	0.2	0.03	3.2	0.1	<0.05	6	0.6	<0.2
13KD007	Soil		11	0.21	67	0.031	<1	0.75	0.003	0.07	0.1	0.02	1.1	<0.1	<0.05	4	<0.5	<0.2
13KD008	Soil		7	0.12	88	0.017	<1	0.76	0.002	0.06	<0.1	0.01	1.3	0.1	<0.05	3	<0.5	<0.2
13KD009	Soil		19	0.26	89	0.055	1	1.00	0.005	0.06	0.2	0.02	1.7	<0.1	<0.05	6	<0.5	<0.2
13KD010	Soil		25	0.48	225	0.040	<1	1.71	0.005	0.05	0.2	0.02	3.1	0.1	<0.05	5	<0.5	<0.2
13KD011	Soil		29	0.50	235	0.045	<1	2.00	0.007	0.05	0.1	0.03	3.2	0.1	<0.05	6	0.6	<0.2
13KD012	Soil		23	0.42	203	0.037	<1	1.61	0.006	0.06	0.1	0.02	4.8	0.1	<0.05	5	<0.5	<0.2
13KD013	Soil		13	0.27	178	0.020	<1	1.03	0.004	0.08	0.1	0.02	1.7	0.1	<0.05	3	<0.5	<0.2
13KD014	Soil		40	1.03	282	0.032	<1	2.24	0.009	0.04	<0.1	0.04	7.8	<0.1	<0.05	8	<0.5	<0.2
13KD015	Soil		69	2.18	183	0.162	<1	2.64	0.005	0.53	<0.1	0.02	3.0	0.2	<0.05	9	<0.5	<0.2
13FV38	Soil		11	0.16	158	0.017	<1	1.10	0.003	0.05	0.1	0.01	1.7	<0.1	<0.05	4	<0.5	<0.2
13FV39	Soil		21	0.30	277	0.038	<1	1.40	0.005	0.06	0.1	0.02	3.0	<0.1	<0.05	4	<0.5	<0.2
13FV40	Soil		15	0.29	266	0.025	<1	1.11	0.005	0.05	0.1	<0.01	2.4	<0.1	<0.05	3	<0.5	<0.2

CERTIFICATE OF ANALYSIS

WHI13000402.1

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	0.1	2	0.01	0.001	
13FV41	Soil	1.1	7.0	25.4	35	<0.1	5.8	2.4	87	1.37	16.1	3.4	5.8	5	0.1	0.3	0.3	27	0.04	0.020	18
13FV42	Soil	1.3	10.0	39.5	49	<0.1	7.7	5.6	207	1.20	9.7	3.0	11.4	9	0.1	0.3	0.3	18	0.05	0.020	43
13FV43	Soil	1.6	6.5	39.7	15	0.2	4.1	2.2	57	1.95	6.5	3.4	16.1	33	<0.1	0.4	0.2	8	0.02	0.037	28
13FV44	Soil	1.2	9.7	89.5	61	0.2	9.2	3.7	119	1.51	16.0	2.4	7.5	15	0.3	0.4	0.3	22	0.10	0.033	29
13FV45	Soil	0.5	7.2	15.5	35	<0.1	8.9	4.3	123	1.48	12.4	4.5	6.7	8	<0.1	0.3	0.1	27	0.09	0.022	24
13FV46	Soil	0.5	8.1	22.9	43	<0.1	8.2	5.1	192	1.51	16.8	1.9	11.1	10	0.1	0.3	0.1	16	0.12	0.037	30
13FV47	Soil	0.6	15.9	10.6	62	<0.1	17.5	8.0	249	2.57	17.7	5.8	3.4	13	<0.1	0.4	0.1	42	0.18	0.047	15
13FV48	Soil	0.6	15.0	16.9	37	<0.1	13.4	5.1	149	2.18	9.9	6.8	0.5	20	0.1	0.3	0.2	42	0.27	0.050	22
13FV49	Soil	0.6	14.5	25.9	59	<0.1	15.1	5.8	282	1.95	26.8	2.0	21.1	15	<0.1	0.4	0.2	29	0.15	0.020	74
13FV50	Soil	0.6	7.9	21.8	26	0.1	10.7	4.8	124	2.08	13.2	2.8	6.7	8	<0.1	0.3	0.2	47	0.08	0.016	27
13FV51	Soil	0.5	8.6	15.3	29	0.1	6.8	3.7	111	1.49	14.6	1.3	9.5	5	<0.1	0.4	0.1	25	0.04	0.011	33
13FV52	Soil	0.3	7.4	14.2	26	0.1	7.4	3.3	89	1.30	10.8	2.4	10.3	6	<0.1	0.3	<0.1	21	0.05	0.008	28
13FV53	Soil	0.4	5.4	16.6	23	0.4	5.7	3.0	86	1.20	11.7	0.6	7.1	6	<0.1	0.3	0.1	19	0.05	0.013	19
13FV54	Soil	0.3	9.8	18.4	36	<0.1	9.2	3.8	135	1.47	13.9	1.1	10.9	3	<0.1	0.3	0.1	16	0.03	0.019	21
13FV55	Soil	0.5	8.3	17.4	30	0.2	9.4	4.1	118	1.58	25.5	2.2	9.7	5	<0.1	0.4	0.1	22	0.05	0.013	22
13FV56	Soil	0.3	6.8	26.5	22	0.1	3.6	1.9	79	0.76	3.1	1.0	17.3	13	<0.1	0.4	0.4	8	0.14	0.029	47
13FV57	Soil	0.8	20.1	16.8	44	0.4	14.9	6.9	194	2.30	8.5	3.3	13.0	9	<0.1	0.6	0.2	40	0.09	0.010	29
13FV58	Soil	1.2	9.0	21.3	31	<0.1	12.2	5.4	143	1.98	11.1	2.4	9.5	7	<0.1	0.5	0.2	35	0.06	0.012	25
13FV59	Soil	0.5	8.3	18.2	25	<0.1	9.5	4.1	93	1.53	9.9	1.8	6.3	8	<0.1	0.4	0.1	32	0.07	0.007	19
13FV60	Soil	1.1	16.7	17.8	38	0.6	19.3	7.0	193	2.47	10.1	1.7	6.3	8	<0.1	0.5	0.1	54	0.09	0.014	22
13FV61	Soil	0.8	13.9	17.5	40	0.2	15.3	6.2	152	2.05	8.1	7.0	8.6	11	<0.1	0.5	0.2	41	0.11	0.012	22
13FV62	Soil	0.6	7.1	12.9	29	<0.1	7.3	3.1	72	1.31	5.5	2.3	5.1	9	<0.1	0.4	0.2	27	0.09	0.013	12
13FV63	Soil	0.6	17.1	17.0	39	<0.1	14.6	6.1	194	1.74	6.5	2.6	8.0	15	<0.1	0.5	0.1	36	0.15	0.014	23
13FV64	Soil	0.4	13.4	25.6	38	<0.1	10.6	4.4	110	1.62	6.0	2.1	7.3	12	<0.1	0.4	0.1	35	0.14	0.023	25
13FV65	Soil	0.3	9.1	29.0	54	0.1	6.3	4.5	415	1.76	2.0	4.5	19.8	11	0.1	0.8	0.2	14	0.25	0.055	56
13FV66	Soil	0.5	16.2	16.2	40	<0.1	11.8	5.1	146	1.75	6.4	7.5	9.6	17	<0.1	0.5	0.1	32	0.21	0.025	26
13FV67	Soil	0.6	17.1	12.4	43	<0.1	14.8	6.2	172	1.82	6.5	2.3	6.5	22	<0.1	0.5	0.1	37	0.27	0.033	22
13FV68	Soil	1.4	26.5	11.0	76	0.2	27.6	10.2	413	2.45	11.2	1.7	4.1	46	0.5	0.9	0.1	47	1.56	0.073	13
13FV69	Soil	0.8	24.2	9.0	63	0.1	26.5	9.5	408	2.33	10.8	2.3	4.2	31	0.3	0.8	0.1	41	1.15	0.067	13
13FV70	Soil	0.9	27.6	8.9	65	0.1	25.7	9.1	421	2.26	9.7	2.4	4.0	45	0.4	0.8	0.1	42	1.29	0.073	13

CERTIFICATE OF ANALYSIS

WHI13000402.1

Method Analyte	Unit	MDL	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
			ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
			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	
13FV41	Soil		12	0.15	105	0.016	5	0.80	0.003	0.06	0.1	<0.01	1.3	<0.1	<0.05	4	<0.5	<0.2
13FV42	Soil		11	0.14	302	0.011	4	0.62	0.003	0.06	0.1	0.01	1.5	<0.1	<0.05	2	<0.5	<0.2
13FV43	Soil		5	0.06	372	0.006	3	0.34	0.045	0.15	<0.1	0.01	0.7	<0.1	0.30	1	<0.5	<0.2
13FV44	Soil		13	0.26	122	0.020	4	0.74	0.005	0.05	<0.1	<0.01	1.4	<0.1	<0.05	2	<0.5	<0.2
13FV45	Soil		14	0.28	131	0.023	2	0.99	0.004	0.06	0.1	<0.01	1.5	<0.1	<0.05	4	<0.5	<0.2
13FV46	Soil		11	0.40	191	0.013	2	0.89	0.003	0.06	<0.1	<0.01	1.5	<0.1	<0.05	3	<0.5	<0.2
13FV47	Soil		25	0.57	199	0.035	3	1.59	0.006	0.05	0.2	0.03	2.9	<0.1	<0.05	5	<0.5	<0.2
13FV48	Soil		29	0.38	271	0.019	3	1.36	0.005	0.04	<0.1	0.06	1.5	0.1	<0.05	6	<0.5	<0.2
13FV49	Soil		19	0.83	264	0.018	2	1.36	0.005	0.04	<0.1	0.03	3.8	<0.1	<0.05	5	<0.5	<0.2
13FV50	Soil		22	0.27	195	0.030	2	1.38	0.005	0.06	0.1	0.02	2.0	<0.1	<0.05	6	<0.5	<0.2
13FV51	Soil		14	0.20	185	0.017	2	1.03	0.003	0.06	<0.1	0.02	2.4	<0.1	<0.05	4	<0.5	<0.2
13FV52	Soil		12	0.25	161	0.016	2	0.87	0.003	0.06	<0.1	<0.01	2.4	<0.1	<0.05	3	<0.5	<0.2
13FV53	Soil		10	0.25	158	0.010	2	1.04	0.002	0.07	0.1	0.01	1.5	<0.1	<0.05	3	<0.5	<0.2
13FV54	Soil		13	0.36	97	0.010	2	1.05	0.002	0.07	<0.1	<0.01	1.9	<0.1	<0.05	4	<0.5	<0.2
13FV55	Soil		14	0.28	160	0.010	2	1.20	0.003	0.08	<0.1	0.01	2.1	<0.1	<0.05	3	<0.5	<0.2
13FV56	Soil		5	0.10	265	0.003	1	0.43	0.004	0.06	<0.1	0.02	2.3	<0.1	<0.05	2	<0.5	<0.2
13FV57	Soil		24	0.43	242	0.024	2	1.53	0.006	0.04	0.1	0.04	6.1	<0.1	<0.05	5	<0.5	<0.2
13FV58	Soil		21	0.29	393	0.017	1	1.48	0.004	0.06	<0.1	<0.01	2.1	<0.1	<0.05	3	<0.5	<0.2
13FV59	Soil		17	0.24	223	0.025	1	0.97	0.004	0.04	0.1	0.02	1.9	<0.1	<0.05	3	<0.5	<0.2
13FV60	Soil		28	0.31	297	0.040	2	1.62	0.006	0.06	0.1	0.03	3.8	<0.1	<0.05	6	<0.5	<0.2
13FV61	Soil		24	0.34	332	0.030	2	1.43	0.006	0.05	<0.1	0.03	3.9	0.1	<0.05	4	<0.5	<0.2
13FV62	Soil		13	0.40	120	0.025	2	1.06	0.004	0.03	0.1	0.01	1.8	<0.1	<0.05	4	<0.5	<0.2
13FV63	Soil		21	0.31	285	0.033	1	1.04	0.006	0.07	0.1	0.03	4.0	<0.1	<0.05	3	<0.5	<0.2
13FV64	Soil		17	0.37	268	0.028	<1	1.12	0.005	0.05	0.1	0.04	3.0	<0.1	<0.05	4	<0.5	<0.2
13FV65	Soil		10	0.63	427	0.004	<1	0.97	0.003	0.07	0.1	0.01	5.1	<0.1	<0.05	4	<0.5	<0.2
13FV66	Soil		19	0.33	493	0.023	<1	1.11	0.006	0.06	0.1	0.01	4.4	<0.1	<0.05	3	<0.5	<0.2
13FV67	Soil		20	0.35	373	0.044	1	1.03	0.009	0.06	0.1	0.02	3.4	<0.1	<0.05	3	<0.5	<0.2
13FV68	Soil		25	0.72	449	0.050	2	1.06	0.018	0.06	0.2	0.03	3.3	<0.1	<0.05	4	<0.5	<0.2
13FV69	Soil		24	0.57	332	0.045	1	0.93	0.016	0.07	0.2	0.03	3.3	<0.1	<0.05	3	<0.5	<0.2
13FV70	Soil		23	0.61	335	0.047	3	0.98	0.022	0.08	0.2	0.04	3.3	<0.1	<0.05	3	<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

Project: Bonanza
 Report Date: September 24, 2013

Page: 9 of 9

Part: 1 of 2

CERTIFICATE OF ANALYSIS

WHI13000402.1

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	
13FV71	Soil	0.5	7.1	19.2	25	0.1	5.5	2.5	146	1.32	59.6	7.2	9.6	4	0.1	0.4	0.1	19	0.04	0.013	24
13FV72	Soil	0.7	6.6	16.8	30	0.2	6.8	2.8	197	1.28	143.7	5.9	4.8	8	0.2	0.4	<0.1	25	0.07	0.012	27
13FV73	Soil	0.5	6.9	21.6	31	<0.1	6.8	3.0	338	1.10	151.6	5.8	6.6	6	0.1	0.5	0.1	18	0.05	0.015	34
13FV74	Soil	0.7	9.3	15.1	44	0.3	10.9	5.1	112	1.80	76.5	21.9	2.1	12	0.2	0.4	0.1	31	0.14	0.044	18
13FV75	Soil	0.5	10.7	12.8	46	0.2	11.3	4.8	186	1.67	115.3	8.4	5.4	18	0.1	0.4	<0.1	26	0.21	0.037	22
13FV76	Soil	0.6	11.0	17.0	47	0.2	11.1	5.4	193	1.79	186.1	7.5	4.5	14	0.1	0.5	0.1	30	0.15	0.036	20
13FV77	Soil	0.8	12.7	17.4	46	0.3	11.7	5.7	204	1.83	252.6	8.1	4.0	13	0.1	0.6	0.2	34	0.14	0.032	19
13FV78	Soil	0.8	13.5	13.0	44	0.2	12.8	5.6	185	1.83	167.6	16.8	3.6	12	<0.1	0.6	0.1	36	0.14	0.028	21



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: Bonanza
 Report Date: September 24, 2013

Page: 9 of 9

Part: 2 of 2

CERTIFICATE OF ANALYSIS

WHI13000402.1

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	
13FV71	Soil	10	0.13	173	0.009	<1	0.71	0.002	0.04	<0.1	0.01	2.2	<0.1	<0.05	2	<0.5	<0.2
13FV72	Soil	12	0.20	178	0.011	<1	0.86	0.003	0.06	0.1	0.02	1.8	<0.1	<0.05	3	<0.5	<0.2
13FV73	Soil	10	0.16	122	0.012	<1	0.59	0.003	0.05	<0.1	0.02	1.4	<0.1	<0.05	2	<0.5	<0.2
13FV74	Soil	18	0.37	269	0.017	<1	1.19	0.005	0.06	0.2	0.03	2.1	<0.1	<0.05	4	<0.5	<0.2
13FV75	Soil	15	0.42	239	0.026	<1	0.89	0.005	0.07	0.2	0.01	2.3	<0.1	<0.05	3	<0.5	<0.2
13FV76	Soil	18	0.43	261	0.024	<1	1.16	0.005	0.07	0.1	0.02	2.5	<0.1	<0.05	4	<0.5	<0.2
13FV77	Soil	18	0.43	201	0.024	1	1.16	0.005	0.07	0.2	0.02	1.9	0.1	<0.05	3	<0.5	<0.2
13FV78	Soil	20	0.42	197	0.029	<1	1.18	0.005	0.06	0.2	0.02	2.1	0.1	<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

Project: Bonanza
 Report Date: September 24, 2013

Page: 1 of 2

Part: 1 of 2

QUALITY CONTROL REPORT

WHI13000402.1

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																					
13IM087	Soil	0.6	19.9	15.5	42	0.1	15.4	8.0	258	2.28	165.2	3.3	7.7	11	<0.1	0.8	0.2	42	0.10	0.015	32
REP 13IM087	QC	0.7	19.8	15.8	43	0.1	15.4	8.2	263	2.36	167.2	4.8	7.7	11	<0.1	0.8	0.1	43	0.11	0.015	33
13IM123	Soil	0.7	15.7	24.9	44	<0.1	15.2	7.8	260	2.20	22.5	4.4	8.5	11	<0.1	0.4	0.1	42	0.11	0.012	26
REP 13IM123	QC	0.7	15.9	25.1	45	<0.1	15.2	7.7	258	2.21	22.5	5.3	8.6	11	<0.1	0.5	0.1	42	0.11	0.013	27
13IM160	Soil	0.6	12.7	21.4	42	0.4	15.0	6.5	151	2.20	4.9	1.0	3.6	9	<0.1	0.3	0.2	34	0.08	0.014	9
REP 13IM160	QC	0.6	12.7	21.8	44	0.4	14.7	6.9	152	2.20	5.1	0.5	3.8	9	<0.1	0.3	0.2	35	0.08	0.014	10
13IM195	Soil	0.4	4.7	26.4	17	<0.1	3.5	1.3	39	0.69	4.2	3.4	15.0	6	<0.1	0.2	0.1	11	0.05	0.010	42
REP 13IM195	QC	0.4	4.8	27.2	19	<0.1	3.6	1.4	41	0.70	4.7	2.9	15.6	6	<0.1	0.2	0.1	15	0.06	0.011	46
13KD008	Soil	0.6	4.8	14.2	17	<0.1	3.1	1.9	82	1.20	15.4	1.6	3.5	8	0.1	0.3	0.1	19	0.04	0.012	9
REP 13KD008	QC	0.5	5.1	14.6	18	<0.1	3.8	1.9	83	1.23	15.8	1.4	3.6	8	<0.1	0.4	0.1	22	0.05	0.013	9
13FV64	Soil	0.4	13.4	25.6	38	<0.1	10.6	4.4	110	1.62	6.0	2.1	7.3	12	<0.1	0.4	0.1	35	0.14	0.023	25
REP 13FV64	QC	0.4	13.4	25.5	38	<0.1	11.0	4.4	117	1.62	5.8	5.4	7.8	12	<0.1	0.4	0.1	33	0.14	0.021	25
13FV66	Soil	0.5	16.2	16.2	40	<0.1	11.8	5.1	146	1.75	6.4	7.5	9.6	17	<0.1	0.5	0.1	32	0.21	0.025	26
REP 13FV66	QC	0.4	17.1	16.4	41	<0.1	12.3	5.1	155	1.87	6.5	3.4	9.4	16	<0.1	0.5	0.1	32	0.22	0.024	27
Reference Materials																					
STD DS9	Standard	13.8	104.8	134.9	311	1.9	42.9	8.1	608	2.40	25.4	119.8	5.9	66	2.4	5.7	6.2	43	0.75	0.081	13
STD DS9	Standard	12.8	111.1	141.0	313	1.9	43.3	7.8	601	2.37	26.0	115.5	6.8	78	2.2	6.3	6.8	39	0.72	0.085	15
STD DS9	Standard	14.0	111.6	140.5	306	1.9	43.4	8.3	600	2.40	25.4	105.1	6.1	66	2.2	5.5	6.1	44	0.73	0.080	13
STD DS9	Standard	14.8	120.1	122.0	321	1.8	44.1	8.3	603	2.48	27.8	116.8	6.1	65	2.3	5.3	5.9	47	0.74	0.080	14
STD DS9	Standard	14.3	117.1	121.4	318	1.8	42.8	8.2	607	2.50	25.3	111.7	6.1	65	2.2	5.0	5.8	48	0.74	0.083	13
STD DS9	Standard	12.9	94.9	130.6	301	1.8	39.9	7.5	603	2.33	25.1	116.5	6.4	61	2.2	4.9	5.4	44	0.74	0.075	13
STD DS9	Standard	13.3	105.0	136.1	308	1.7	41.9	7.9	573	2.29	24.5	113.6	5.8	62	2.1	5.3	5.9	42	0.69	0.078	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	0.5	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	3	<0.01	<0.001	<1

QUALITY CONTROL REPORT

WHI13000402.1

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																	
13IM087	Soil	25	0.33	310	0.031	<1	1.49	0.005	0.07	0.2	0.04	4.8	0.1	<0.05	4	<0.5	<0.2
REP 13IM087	QC	26	0.34	320	0.032	<1	1.58	0.005	0.07	0.2	0.04	5.0	0.1	<0.05	4	<0.5	<0.2
13IM123	Soil	26	0.44	217	0.037	<1	1.52	0.006	0.06	0.1	0.02	3.0	<0.1	<0.05	4	<0.5	<0.2
REP 13IM123	QC	26	0.43	216	0.038	<1	1.51	0.006	0.06	0.1	0.02	3.0	0.1	<0.05	5	<0.5	<0.2
13IM160	Soil	23	0.62	176	0.032	<1	1.67	0.003	0.02	0.1	0.02	1.8	<0.1	<0.05	5	<0.5	<0.2
REP 13IM160	QC	23	0.67	185	0.034	<1	1.76	0.004	0.03	0.1	0.02	2.0	<0.1	<0.05	5	<0.5	<0.2
13IM195	Soil	6	0.10	180	0.006	<1	0.39	0.002	0.05	<0.1	<0.01	0.8	<0.1	<0.05	1	<0.5	<0.2
REP 13IM195	QC	7	0.11	195	0.008	<1	0.42	0.002	0.06	<0.1	<0.01	0.9	<0.1	<0.05	1	<0.5	<0.2
13KD008	Soil	7	0.12	88	0.017	<1	0.76	0.002	0.06	<0.1	0.01	1.3	0.1	<0.05	3	<0.5	<0.2
REP 13KD008	QC	8	0.13	92	0.019	<1	0.81	0.002	0.07	<0.1	0.02	1.3	<0.1	<0.05	3	0.8	<0.2
13FV64	Soil	17	0.37	268	0.028	<1	1.12	0.005	0.05	0.1	0.04	3.0	<0.1	<0.05	4	<0.5	<0.2
REP 13FV64	QC	17	0.38	263	0.028	<1	1.10	0.005	0.04	<0.1	0.02	2.9	<0.1	<0.05	4	<0.5	<0.2
13FV66	Soil	19	0.33	493	0.023	<1	1.11	0.006	0.06	0.1	0.01	4.4	<0.1	<0.05	3	<0.5	<0.2
REP 13FV66	QC	19	0.32	490	0.023	<1	1.07	0.006	0.06	0.1	0.03	4.4	<0.1	<0.05	4	<0.5	<0.2
Reference Materials																	
STD DS9	Standard	129	0.63	291	0.113	3	0.96	0.076	0.39	3.2	0.20	2.4	5.3	0.21	5	5.3	5.4
STD DS9	Standard	118	0.67	302	0.120	2	0.95	0.085	0.39	3.1	0.20	3.1	5.1	0.16	5	5.6	4.9
STD DS9	Standard	134	0.66	291	0.112	3	0.99	0.081	0.38	3.1	0.20	2.3	5.3	0.22	5	5.3	5.4
STD DS9	Standard	134	0.67	309	0.112	3	0.99	0.083	0.38	3.4	0.19	2.4	5.2	0.19	5	5.8	5.6
STD DS9	Standard	131	0.64	303	0.112	2	1.01	0.092	0.40	3.1	0.20	2.5	5.4	0.20	5	5.3	5.4
STD DS9	Standard	121	0.59	301	0.103	4	0.90	0.082	0.38	3.0	0.21	2.5	5.3	0.07	5	4.7	5.0
STD DS9	Standard	125	0.60	282	0.106	2	0.91	0.075	0.36	3.1	0.21	2.2	5.3	0.18	4	5.0	5.4
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

Project: Bonanza
 Report Date: September 24, 2013

Page: 2 of 2

Part: 1 of 2

QUALITY CONTROL REPORT

WHI13000402.1

		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
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
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	3	<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



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: Bonanza
 Report Date: September 24, 2013

Page: 2 of 2

Part: 2 of 2

QUALITY CONTROL REPORT

WHI13000402.1

		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
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		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