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BC Geological Survey

Assessment Report
Title Page and Summary

TYPE OF REPORT [type of survey(s)]: Geological, Geochemical & Geophysical Report

TOTAL COST: $87,603.89

AUTHOR(S): Michael Cathro, MSc, P Geo **SIGNATURE(S):**

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): **YEAR OF WORK:** 2014

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): 5542264 (February 13, 2015)

PROPERTY NAME: Hank Property

CLAIM NAME(S) (on which the work was done): Hank 1, Hank 2, Hank 3, Hank 4

COMMODITIES SOUGHT: Gold, Copper

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN:

MINING DIVISION: Liard Mining Division **NTS/BCGS:** 104G 01, 104G 02

LATITUDE: 57 ° 13 ' " **LONGITUDE:** 130 ° 30 ' " **(at centre of work)**

OWNER(S):

1) LAC Properties Inc.
(Subsidiary of Barrick Gold Corporation)

2)

MAILING ADDRESS:

3100-161 Bay Street, PO Box: 211
Toronto, Ontario M5J-2S1, Canada

OPERATOR(S) [who paid for the work]:

1) Golden Ridge Resources Ltd.

2)

MAILING ADDRESS:

110-2302 Carrington Rd.
West Kelowna, B.C V4T-2N6, Canada

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):

Stikine Terrane, Paleozoic volcanic, sedimentary & related intrusive rocks, mesozoic sedimentary, volcanic plutonic, upper Triassic Stuhini Group, Lower-middle Jurassic Hazelton Group, Middle Jurassic, Early Cretaceous Bowser Lake Group, Tertiary Continental arc assemblages of the overlying Spectrum Range & Mt. Edziza Complexes.

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: 21205, 19523, 22731, 22747, 12098, 13594, 21287, 18721, 8546.

Next Page

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping			$10,932.00
Photo Interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic	108 Km Airborne Magnetic Survey	Hank 1-4	$1,988.00
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for...)			
Soil	259 Samples.	Hank 1-4	$54,296.62
Silt			
Rock	24 Samples.	Hank 1-4	$5,031.36
Other	3 historic drill core Samples	Hank 1-4	$ 628.92
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying	Fire Assay & ICP-MS multi-element geochemical analyses; Terraspec SWIR Analysis		$9,921.00
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY / PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other	Report writing		$4806.00
		TOTAL COST:	$87603.89

GEOLOGICAL, GEOCHEMICAL, AND GEOPHYSICAL REPORT ON THE HANK PROPERTY

LIARD MINING DIVISION, BRITISH COLUMBIA
Mapsheets: 105G/1W, 2E

Latitude 57°13'N, Longitude 130°30'W
UTM NAD83 9N 409400 6342500

BC Geological Survey
Assessment Report
35341

HANK 1-4 CLAIMS
(Tenures 222248, 222249, 222250, 222389)

Owned by:
LAC PROPERTIES INC.
(a subsidiary of Barrick Gold Corporation)

Under option to:
GOLDEN RIDGE RESOURCES LTD.
110 – 2300 Carrington Road
West Kelowna, BC
V4T 2N6

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BC Geological Survey
Assessment Report
35341

May 6, 2015

Michael Cathro, MSc, PGeo, Cathro Resources Corp., 2560 Telford Place, Kamloops, BC, V1S 0A3, mcathro@shaw.ca

SUMMARY

The Hank property is located near infrastructure in NW British Columbia. It hosts a small historic resource of low sulphidation epithermal gold mineralization. Seven broad alteration zones have been identified, and gold mineralization has been intersected in several areas. Based on the vein mineralogy, alteration and other characteristics, the Hank mineralization fits in the "Carbonate – Base-Metal – Au" epithermal class of deposits, which includes important deposits in the circum-Pacific region such as parts of Porgera, Mt. Kare, Kelian, Victoria-Lepanto and others.

Drilling by Lac Minerals and Homestake between 1983 and 1993 encountered both high-grade gold-silver mineralized zones in calcite-quartz-sulphide veins (e.g. 9.14 m grading 13.4 g/t Au and 132.3 g/t Ag in DDH 88-4 in the Lower Alteration Zone, or LAZ) and broad zones of lower grade mineralization (e.g. 30.48 m grading 3.74 g/t Au in DDH 85-45 in the 200 pit area of the Upper Alteration Zone (UAZ), and 120 m grading 390 ppb Au in DDH 87-8 in the Flats zone).

The Lac work led to the delineation of "indicated reserves (open pit material)" of 226,775 tonnes grading 4.4 g/t Au in the South zone and 226,775 tonnes grading 2.3 g/t Au in the North Zone (Lac Minerals Ltd. Prospectus 1987, as quoted in BC MINFILE 104G 107). Alternatively, McPherson (1993; quoting Collins 1990) reported a "drill indicated geologic resource" of 245,000 tonnes grading 4.0 g/t Au in the "200 pit" (South zone) and 218,000 tonnes grading 2.0 g/t Au in the "440 pit" (North zone). **It should be noted these estimations precede National Instrument 43-101, are repeated for historical reference only, are not current, and are not to be relied upon. A Qualified Person has not done sufficient work to classify the historic estimate as mineral resources or reserves, and Golden Ridge is not treating the historic estimate as a current estimate. Nevertheless, the historic estimates were completed by competent individuals to the standard of the day, and are considered to be relevant to future exploration of the property**.

The 2014 work included GIS map compilation, an airborne magnetic survey followed by a 4-day program of rock and soil sampling for assaying and TerraSpec mineral identification. Limited rock sampling at the 200 and 440 pits area was successful in confirming the presence of both high-grade veins (e.g. 20 cm grading 83.5 ppm Au, and 3.0 m grading 25.2 ppm Au) and low-grade disseminated-style mineralization at Hank. In addition, soil sampling expanded one historic Au-in-soil anomaly and identified two new anomalies. Additional follow-up prospecting and soil sampling is recommended in these three areas.

A 108 km airborne magnetic survey was flown, and provides useful information that will help map lithologies, alteration and structures that are associated with mineralization. Two strong NW (145 degree) lineaments are present on either side of the 200 and 440 pit zones, and may represent parallel faults bounding these zones. Additional geological and magnetic interpretation is recommended to better understand the controls on the location of these prospects.

TerraSpec Short-Wave Infra-Red (SWIR) mineral identification work has led to a better understanding of the distribution of alteration minerals in relation to gold mineralization. The main zone of mineralization in the 200 and 440 pit zones is hosted by a mixed smectite group (montmorrilonite-nontronite) and illite stable alteration environment beneath and/or outboard of a

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high-level clay cap (kaolinite-hallyosite-dickite and alunite) centred on Felsite Hill. The 200-440 pit zone also sits elevationally higher than vein-hosted mineralization in the LAZ, which are hosted by a deeper level assemblage of muscovite and chlorite. Felsite Hill appears to represent the centre or throat of the epithermal system, which may extend to the SE towards Bald Bluff and Rojo Chico. Additional TerraSpec work is recommended on the property, to further refine the distribution of alteration minerals and help trace the gold zones. If possible, drill core should be sampled as well, to gain a better understanding of the vertical distribution of the alteration.

Mineralization at the 200 and 440 pits area of the UAZ appears to have the best continuity and is open down-dip to the SE. Based on previous drilling, this mineralized panel has a strike length of approximately 500 m, a thickness of approximately 20 m, and dips at about -20 degrees to the SE.

A potential target has been estimated by determining the volume and mass of a panel of rock. Using an assumed dip length of 500 metres, strike length of 500 m, specific gravity of 2.6 g/cc, and an average grade of 3 g/t, this panel would have a potential for about 13 million tonnes or 39 million grams gold (1.3 million ounces). **This is a target only and the potential grade and tonnage is conceptual in nature. There has been insufficient exploration to define a resource and it is uncertain if further exploration will result in the target being delineated as a mineral resource.**

Although a conceptual target, the best bet for a bonanza-style epithermal discovery (which can grade up to 10-30 g/t Au plus Ag credits) is beneath Felsite Hill, where the shallowly dipping UAZ (200-440 pits) mineralized panel intersects a postulated steep feeder vent, which is marked by a breccia zone at the top of the hill. Drilling of this structural target would require holes of 400-450 m length. Homestake attempted to test this target in 1993 but was not successful in drilling through the overlying clay-silica alteration cap.

A two-phase $900,000 program is proposed, which would include surface mapping and sampling to refine drill targets, and 2000 m of drilling in 7 holes to test the down-dip extension of the 200 pit zone (5 holes, 1100 m), and the bonanza target at the intersection of that mineralized panel with the feeder vent structure (2 holes, 900 m).

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1) INTRODUCTION

The Hank Property is well located near road and power infrastructure in northwest British Columbia and hosts a small historic resource of low sulphidation epithermal gold mineralization. The property is 1700 hectares in size and terrain is moderate to steep. Access to the property is currently by helicopter from the Burrage airstrip on Highway #37 (17 km), however a winter cat trail also reaches the property.

Mineralization at Hank was originally discovered in 1983 by Lac Minerals. A total of 13,709 m in 104 holes was drilled by Lac and others up to 1993. The property lay dormant until 2014. Golden Ridge Resource Ltd. has optioned the property from Barrick Gold Corporation and may earn up to 100 percent through a work commitment, subject to certain back-in provisions.

A small work program in 2014 confirmed the presence of both high-grade veins Au-Ag and lower grade disseminated Au mineralization.

A $900,000 work program, comprised of a 2000 m drill program and limited surface surveys, is proposed to expand the historic resource and search for a buried bonanza gold target.

2) LOCATION, ACCESS AND INFRASTRUCTURE

The Hank property is located in the Liard Mining Division in north western British Columbia (Figure 1), about 140 km north of the town of Stewart and 75 km southwest of the village of Iskut. The claims are on NTS map sheets 104G01 and 104G02, and are centred at 57°13'N, 130°30'W**,** or UTM coordinates NAD83 9N 409400 6342500.

Access to the property is via vehicle up Highway #37, which passes 15 km to the east of the claims, and then by helicopter to the property. Excellent staging points are available on Highway #37 at the Burrage airstrip, 17 km to the northeast, and the Bob Quinn Lake airstrip, 31 km to the southeast (Figure 2). Bob Quinn has occasional scheduled air service.

A winter cat trail was established to the property in the 1980s; however, its current condition is unknown (Figure 2). The trail is approximately 16 km in length and connects with Highway #37 at the bridge over Burrage Creek. The trail fords the Iskut River and Ball Creek and then follows an unnamed creek to the southeast corner of the claims, and then over a ridge to Hank Creek. The latter is an informally named tributary that flows north easterly into Ball Creek. Numerous reclaimed or partially reclaimed cat trails are present on the claims.

Grid power is now available within 15 km of the property, as a result of the 2014 completion of the 287 kV Northwest Transmission Line that follows Highway #37 from Terrace to a new substation at Bob Quinn Lake. Connections have also been made to the Alta Gas run-of-river power project west of Bob Quinn Lake, and to the Red Chris mine and Iskut village to the north.

Figure 1. Location of Hank Project.

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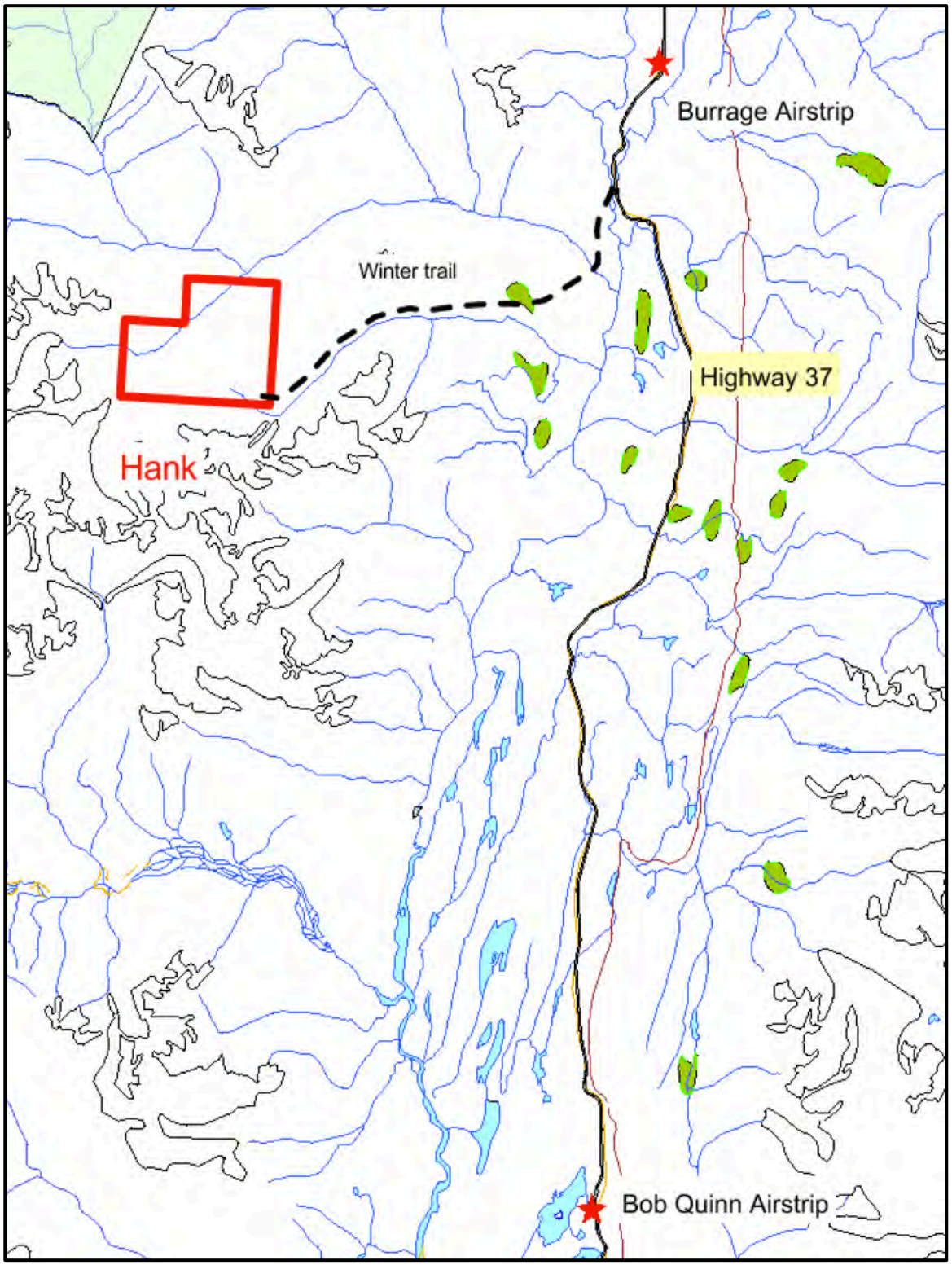


Figure 2. Regional Location Map.

3) PHYSIOGRAPHY AND CLIMATE

The property is situated in the Boundary Ranges of the Coast Mountains and topography is moderate to rugged. The area has been subjected to alpine glaciation with broad u-shaped valleys flanked by ridges, peaks and cirques. A few small glaciers and permanent snowfields remain on the higher, north-facing ridges. Smaller drainages are steeply incised, but in general foot access is relatively easy, particularly in the areas of known mineralization.

Elevations on the claims range from about 900 to 1950 m. Tree line is at about 1400 m, below which vegetation is primarily mature evergreen and deciduous forest with minimal underbrush. The forest changes upward into sub-alpine parkland with isolated patches of stunted trees, and finally into open alpine slopes covered by grass, moss, felsenmeer, scree and outcrop (Photo 1).

The climate is typical of the mountainous portions of northwest BC, with long, cold, snowy winters and short wet summers. The period of least snow-cover occurs between July and mid-September. Rock exposure is mainly limited to the ridges and the numerous small, incised creeks that flow to the northwest into Hank Creek. Water sources are abundant and should provide ample supply for any drilling or mining requirements. Below the alteration zones, many of the creek drainages are stained orange.

Photo 1. View of Felsite Hill, Hank claims, looking easterly. Rusty area is the Felsite Hill clay-quartz-pyrite alteration zone. The Pit 200 mineralized area is on the skyline to the left (north).

4) CLAIM INFORMATION

The Hank property is located within the Liard Mining Division and consists of four modified grid ("four-post") mineral claims totalling 1700 hectares (Figure 3, Table 1). They are held in the name of Lac Properties Inc., a subsidiary of Barrick Gold Corporation.

The Hank tenures are "legacy claims" under British Columbia's *Mineral Tenure Act*, and have not been converted to "cell claims". The claims are in good standing until March 7, 2015 and are currently in their third anniversary year under the *Mineral Tenure Act Regulation* (Regulation 89/2012). As such, a total of $17,000 in assessment work is currently required to extend the claim group for one year. Work documented in this report will extend the expiry dates until April 4, 2019.

Table 1
List of Hank Claims

Tenure Number	Claim Name	Issue Date	Good To Date*	Area (ha)
222248	HANK 1	1983/mar/10	2019/apr/04	450.0
222249	HANK 2	1983/mar/10	2019/apr/04	500.0
222250	HANK 3	1983/mar/10	2019/apr/04	500.0
222389	HANK 4	1984/oct/12	2019/apr/04	250.0
				1700.0

*Following the acceptance of the assessment work detailed in this report.

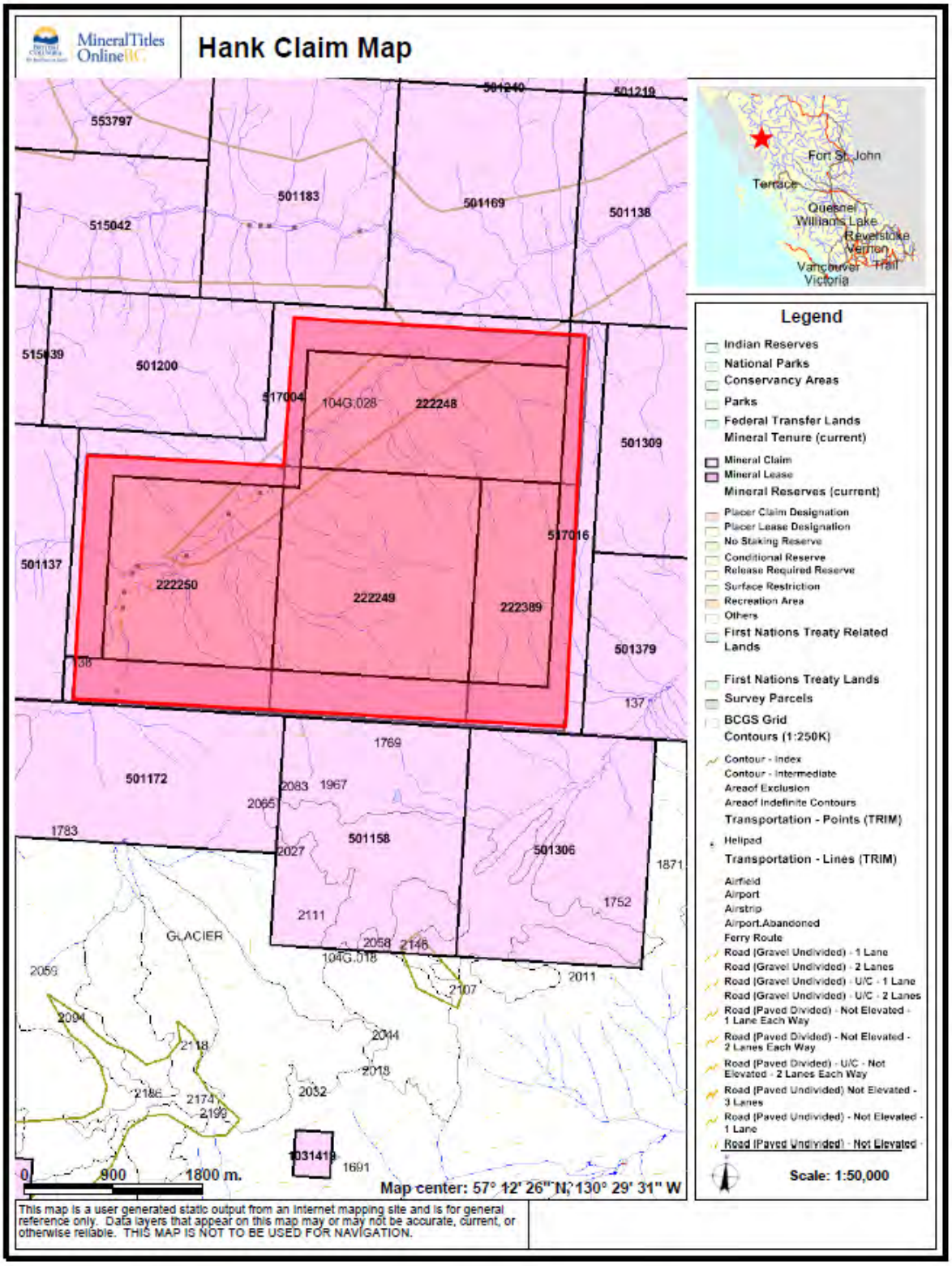


Figure 3. Claim Map with Hank Claims highlighted in red (from Mineral Titles Online website, December 31, 2014).

5) EXPLORATION HISTORY

The history of work on the Hank 1-4 claims is summarized in Table 2 and Figure 4.

The earliest exploration in the area is reported to be have been prospecting for placer gold in the early 1900s. Following the discovery of the Galore Creek porphyry Cu-Au deposits in the mid-1950s, several companies conducted reconnaissance exploration in the region, resulting in discoveries of additional porphyry and vein deposits in the Stikine and Iskut drainages.

According to Reina (1985) and Woodcock and Gorc (1981), the Ball Creek area was initially explored in the 1960s and 1970s for porphyry deposits by Southwest Potash, Stikine Exploration, Newmont, Great Plains Development and others.

In 1980, J.R. Woodcock and D. Gorc noted the presence of the conspicuous, 4 km-long gossan on what is now the Hank claims. They staked the Ball 1-4 claims to cover this target on behalf of G.R.C. Exploration Co. Ltd. (a subsidiary of Gulf Resources Canada Ltd.) and followed up with a one-day visit. Twelve rock samples were collected and disseminated pyrite, bleaching and barite were noted, however, there were no interesting Cu, Mo, Pb, Zn, Mn or F values. Gold was not analyzed for. No further work was recommended and the claims were allowed to lapse (Woodcock and Gorc, 1981).

Lac Minerals Ltd. staked the current Hank claims in 1983 and 1984 “to cover streams anomalous in gold and draining a hillside with gossanous rocks also anomalous in gold” (Turna, 1984).

Between 1983 and 1989, Lac completed soil, rock and stream sediment sampling, geological mapping, line cutting, a VLF-magnetics survey, hand and back-hoe trenching, IP geophysics, road building, thin-section studies and 93 BQ drill holes totalling 11,892.2 m. Several large alteration zones were identified on the southeast side of the south fork of Ball Creek (also informally named “Hank Creek” or “Hemlo Creek” on Lac maps) including the Lower Alteration Zone (LAZ), Upper Alteration Zone (UAZ), Felsite Hill, Flats Zone, Rojo Grande, Rojo Chico and Quartz Stockwork. A number of north-westerly flowing tributaries of Hank Creek cut through the alteration zones, and Lac numbered these from 1 to 14, with Creek 1 being upstream to the southwest, and Creek 14 being to the northeast (Plate 1; Figure 4).

Work in 1984 identified a zone of elevated gold mineralization on surface including 2.54 g/t Au over 26 m in a trench in the UAZ at the head of Creek 6. The mineralization was reported to be coincident with a broad soil anomaly with >300 ppb Au. Hole DDH 84-2, the discovery hole, returned 1.98 g/t Au over 18.0 m (Reina, 1985). This area became known as the “Hot Spot” within the UAZ.

The Lac work led to the delineation of “indicated reserves (open pit material)” of 226,775 tonnes grading 4.4 g/t Au in the South zone and 226,775 tonnes grading 2.3 g/t Au in the North Zone (Lac Minerals Ltd. Prospectus 1987, as quoted in BC MINFILE 104G 107). Alternatively, McPherson (1993; quoting Collins 1990) reported a “drill indicated geologic resource” of 245,000 tonnes grading 4.0 g/t Au in the “200 pit” (South zone) and 218,000 tonnes grading 2.0 g/t Au in the “440 pit” (North zone). **It should be noted these estimations precede National Instrument**

43-101, are repeated for historical reference only, are not current, and are not to be relied upon. A Qualified Person has not done sufficient work to classify the historic estimate as mineral resources or reserves, and Golden Ridge is not treating the historic estimate as a current estimate. Nevertheless, the historic estimates were completed by competent individuals to the standard of the day, and are considered to be relevant to future exploration of the property.

Table 2
History of Work

YEAR	OPERATOR (Reference)	WORK
1980	G.R.C. Exploration Company Ltd. (Woodcock and Gorc, 1981)	Staking of Ball 1-4 claims, field examination and sampling
1983	Lac Minerals Ltd. (Turna, 1984)	Staking of Hank 1, 2, 3 claims, soil, rock and stream sediment sampling, geological mapping
1984	Lac Minerals Ltd. (Turna, 1985; Walcott, 1985)	4 BQ drill holes totalling 288.1 m in Hot Spot, linecutting, grid soil sampling, rock sampling of alteration zones in creeks, VLF-magnetic and IP geophysical surveys, hand trenching, soil pits, geological mapping, staking of Hank 4 claim
1985	Lac Minerals Ltd. (Turna, 1986)	46 BQ drill holes totalling 4209.3 m and initial resource calculation in Hot Spot area, back-hoe trenching, petrographic study
1987	Lac Minerals Ltd. (Turna, 1988; Walcott 1998)	9 BQ drill holes totalling 1048.2 m on various targets, IP geophysics, back-hoe trenching, geological mapping
1988	Lac Minerals Ltd. (Turna, 1989)	23 BQ drill holes totalling 4736 m on various targets, petrographic study, road building
1989	Lac Minerals (Brown, 1989; Collins, 1990)	11 NQ/BQ drill holes totalling 1610.6 m on various targets , linecutting, road-building, geological mapping, petrographic study
1990	Carmac Resources Ltd (Visagie, 1991)	5 BQ drill holes totalling 1458.4 m in UAZ and LAZ, surveying of drill collars
1992	Homestake Canada Inc. (McPherson, 1993a)	IP geophysics, geological mapping, core re-logging, silt, soil and rock sampling
1993	Homestake Canada Inc. (Gaunt and Kaip, 1994; Kaip and McPherson, 1994)	6 BQTW drill holes totalling 658.8 m in Flats Zone (1 hole) and Felsite Hill (5 holes)
2008	Barrick Gold Corp. (Mann, 2008)	Field visit, rock sampling, SWIR study
2014	Golden Ridge Resources Ltd. (this report)	Airborne magnetic survey; GIS compilation, TerraSpec (SWIR) study, soil and rock geochemistry
1984-1993	***Total drilling by Lac, Carmac and Homestake***	***104 drill holes, 13,709.4 m***

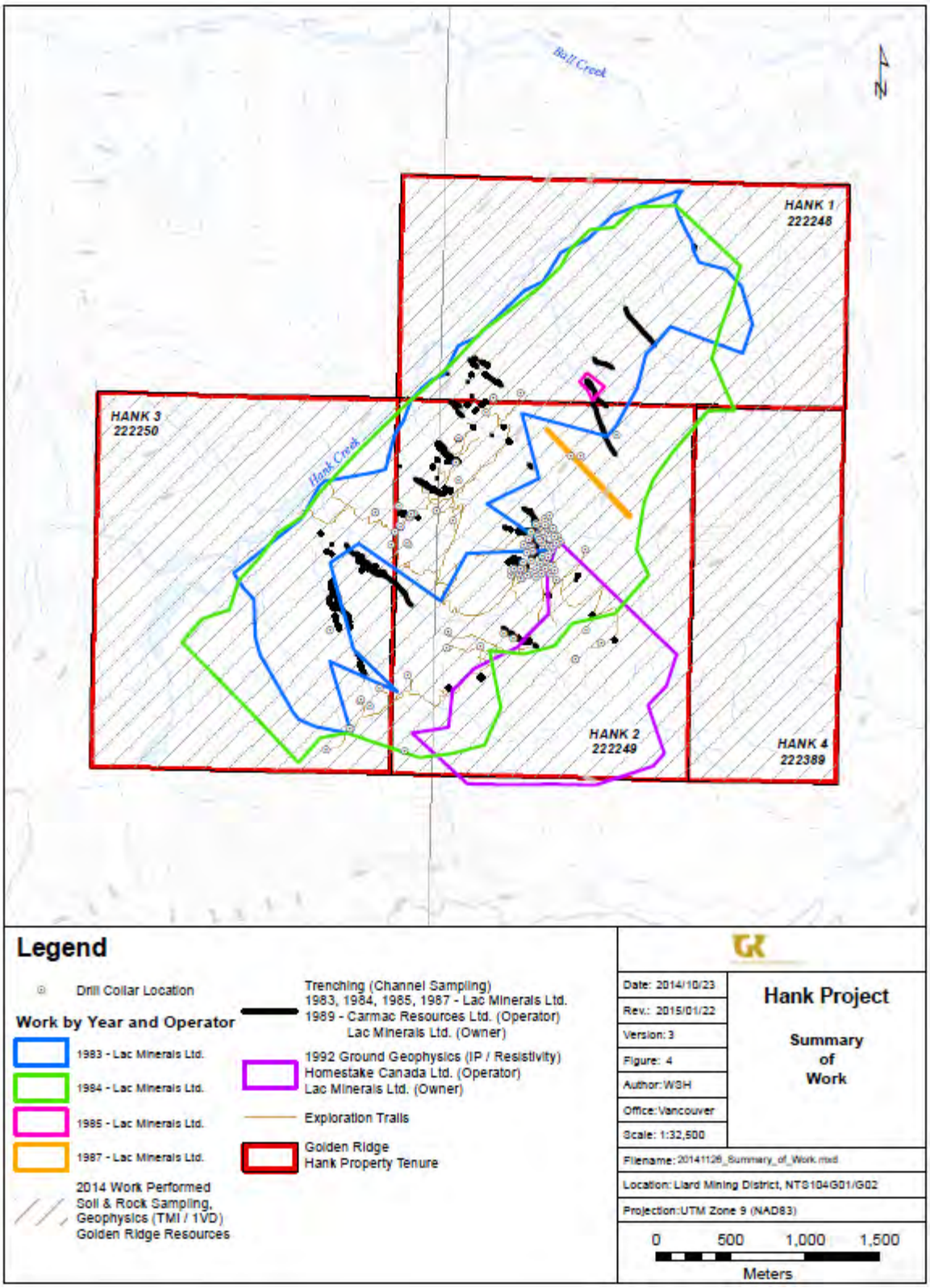


Figure 4. Map showing Historic Work Locations on Hank Claims.

Work in 1987 primarily comprised 9 diamond drill holes totalling 1048.2 m along with 13.5 km of IP geophysics. The drilling targeted IP chargeability features in combination with geochemical anomalies and known mineralization. Two holes (87-1 and 87-2) were drilled in the Pit 200 area (South Zone) of the UAZ, while the remaining seven holes tested IP and geochem targets within the UAZ and LAZ primarily in Creeks 3, 4, and 5 to the west, including two holes in the Flats zone (87-7 and 87-8). Both holes intersected high pyrite content, quartz-sericite-clay-pyrite alteration, veining and anomalous gold over their full lengths (e.g. 120 m of 390 ppb Au in hole 87-8).

Work in 1988 included 23 BQ drill holes totalling 4736 m on various targets, a petrographic study, geological mapping and road building.

Work in 1989 included 11 NQ/BQ drill holes totalling 1610.6 m on targets on Creeks 5, 7, and 8 in the LAZ, linecutting, road-building, geological mapping, and a petrographic study.

In 1990, Carmac Resources Ltd. optioned the property from Lac and completed five holes totalling 1458.4 m to test the down-dip and along strike extensions of mineralization within the LAZ and UAZ. Three of the Carmac holes in the LAZ were drilled to the southeast, apparently to test a theory that the mineralized zones were dipping steeply or to the northwest. This is in contrast to the previous Lac holes that were drilled vertically or to the northwest, given that mineralization was interpreted to dip moderately to the southeast. Results were disappointing and the property was returned to Lac (Visagie, 1991).

Homestake Canada Inc. optioned the property in 1992 and completed soil and rock sampling, geological mapping and 8.35 km of pole-dipole IP geophysical surveying (McPherson, 1993a). The work was focused on the extensive quartz-clay-pyrite alteration zones including Felsite Hill, Rojo Grande, Rojo Chico and the Silicified zone, all of which occur topographically above the UAZ and LAZ.

Homestake drilled six holes totaling 658.8 metres in 1993, however this work was not filed for assessment credit. Five of these holes were designed to test the lateral extent of mineralization within and adjacent to the Silicified zone and within an interpreted feeder vent marked by hydrothermal breccia on the top of Felsite Hill (Kaip, 1997; Gaunt and Kaip, 1994). Unfortunately, these holes all failed to penetrate through the Silicified zone into the more prospective lower portions of the underlying UAZ. Nevertheless, elevated gold values of 1100 ppb Au were obtained in and adjacent to the Silicified zone within kaolinite and illite/smectite alteration. Hole 93-1 was drilled to a southeasterly azimuth from a location southwest of the Flats zone, intersecting weakly kaolinite-altered sedimentary strata. It was interpreted to have been drilled parallel with bedding in the younger sedimentary rocks, and thus did not properly test the extension of anomalous gold mineralization in holes 87-7 and 87-8

Barrick acquired the property through its takeover of Lac Minerals in 1994, and subsequent merger with Homestake in 2001. No work has been completed since 1993 with the exception of a four-day field visit by Barrick personnel in 2008 (Mann, 2008).

Golden Ridge Resources Ltd. acquired an option on the property in 2014 and completed the work program detailed in this report.

6) GEOLOGICAL SETTING

Tectonic Setting

The Hank property is located on the western margin of the Intermontane Belt, and the eastern margin of the Skeena Fold Belt within the Canadian Cordillera. It is within the north western portion of the Stikine terrane, which is bounded to the west by the Coast Plutonic Complex and by volcanic and sedimentary rocks of the Cache Creek and Quesnel terranes to the east. Stikine terrane comprises volcanic and sedimentary rocks that formed in an island arc environment between the Paleozoic and Middle Jurassic (Kaip, 1997).

Regional Geology

Regional mapping has been completed by the GSC (Evenchick, 1991 and Souther, 1972) and the BC Geological Survey (Logan et al. 1992). The MSc thesis by Kaip (1997) provides a comprehensive summary on the regional and local geology of the Hank property. A generalized regional geology map is included as Figure 5.

The stratified rocks of the Stikine terrane in the southern Telegraph Creek map area have been divided into four broad tectonostratigraphic units as outlined in Table 3. These include Paleozoic volcanic, sedimentary and related intrusive rocks of the Devonian to Permian Stikine Assemblage; Mesozoic sedimentary, volcanic plutonic arc assemblages of the Upper Triassic Stuhini Group and Lower-Middle Jurassic Hazelton Group; the overlapping Middle Jurassic to Early Cretaceous Bowser Lake Group basinal sedimentary assemblage; and Tertiary continental arc assemblages of the overlying Spectrum Range and Mount Edziza Complexes (Kaip, 1997).

The Stikine Assemblage (LDF units on Figure 5) is exposed in the Moore Creek area southwest of the property and comprises complexly folded Devonian to Permian schists and gneisses. These are interpreted to have been derived from sedimentary, volcanic and intrusive protoliths formed by bi-modal arc development, sedimentation, and carbonate reef and platform development (Kaip, 1997).

Upper Triassic volcanic, sedimentary and related intrusive rocks of the Stuhini Group sit unconformably on the Stikine Assemblage. These are shown as uTrS units on Figure 5 and are primarily calc-alkaline to tholeiitic basaltic to andesitic marine volcanic flows, volcaniclastics, limestone, volcanic-derived sediments and related intrusive rocks. Work by Souther (1972) and Logan et al. (1992) suggest that there is a gradual change from proximal to distal volcanic facies from the west to the east, although stratigraphic correlations are difficult due to the homogeneity of volcanic rocks and lack of fossil age control in sedimentary units (Kaip, 1997).

Lower Jurassic basal coarse clastic, volcanic- and plutonic-derived sediments are locally present in the region (e.g. Jack Formation) and are thought to represent an unconformity related to deformation and/or uplift at the Triassic-Jurassic boundary, and a hiatus in volcanic activity (Souther, 1972). The Hazelton Group (lmJH units on Figure 5) rests conformably on the Jurassic clastic sediments, and is comprised of calc-alkaline andesitic volcanic strata, related intrusions, and minor sedimentary rocks of the Betty Creek Formation, and bi-modal flows, tuffs, related intrusions and siltstones and tuffs of the Salmon River Formation. Hazelton Group sediments form a broad northwest trending syncline in the south-central portion of the Hank claims. Dioritic rocks in the Hankin Peak area, south of the property, are thought to be Early Jurassic in age and related

to the Hazelton Group (Kaip, 1997). McPherson (1993a) noted that Middle Jurassic pillow basalts and derived pyroclastics mapped by Souther (1972) northeast of Hank might be correlative to Salmon River Fm. (Eskay Creek facies; Anderson and Thorkelson, 1990).

East of the property, along the Iskut River, are sedimentary rocks of the Jurassic Ritchie-Alger and Todagin Assemblages of the Bowser Lake Group (Evenchick, 1991). Chert pebble conglomerates, also of possible Bowser Lake Group, are exposed on the ridge north of Hank Creek (A. Kaip, pers. comm., 1992).

Both the Upper Triassic volcanic and sedimentary rocks and the Lower to Middle Jurassic sedimentary rocks are intruded in several places by Upper Cretaceous to Lower Tertiary "felsite" intrusions (Souther, 1972). These intrusions range in composition from felsite to quartz-feldspar porphyry to orbicular rhyolite, and typically form narrow tabular bodies that cut stratigraphy. At Hank these "felsites' have been identified as quartz-clay-pyrite alteration zones (McPherson, 1993a).

The youngest rocks in the region are Tertiary to Quaternary basalt flows related to the Mount Edziza volcanic complex located approximately 15 km northwest of the property.

Other than the "felsites", intrusive rocks are limited to small bodies of granodiorite and quartz diorite related to the Coast Plutonic complex. Goat Peak, on the southern edge of Hank, is underlain by diorite (McPherson, 1993a).

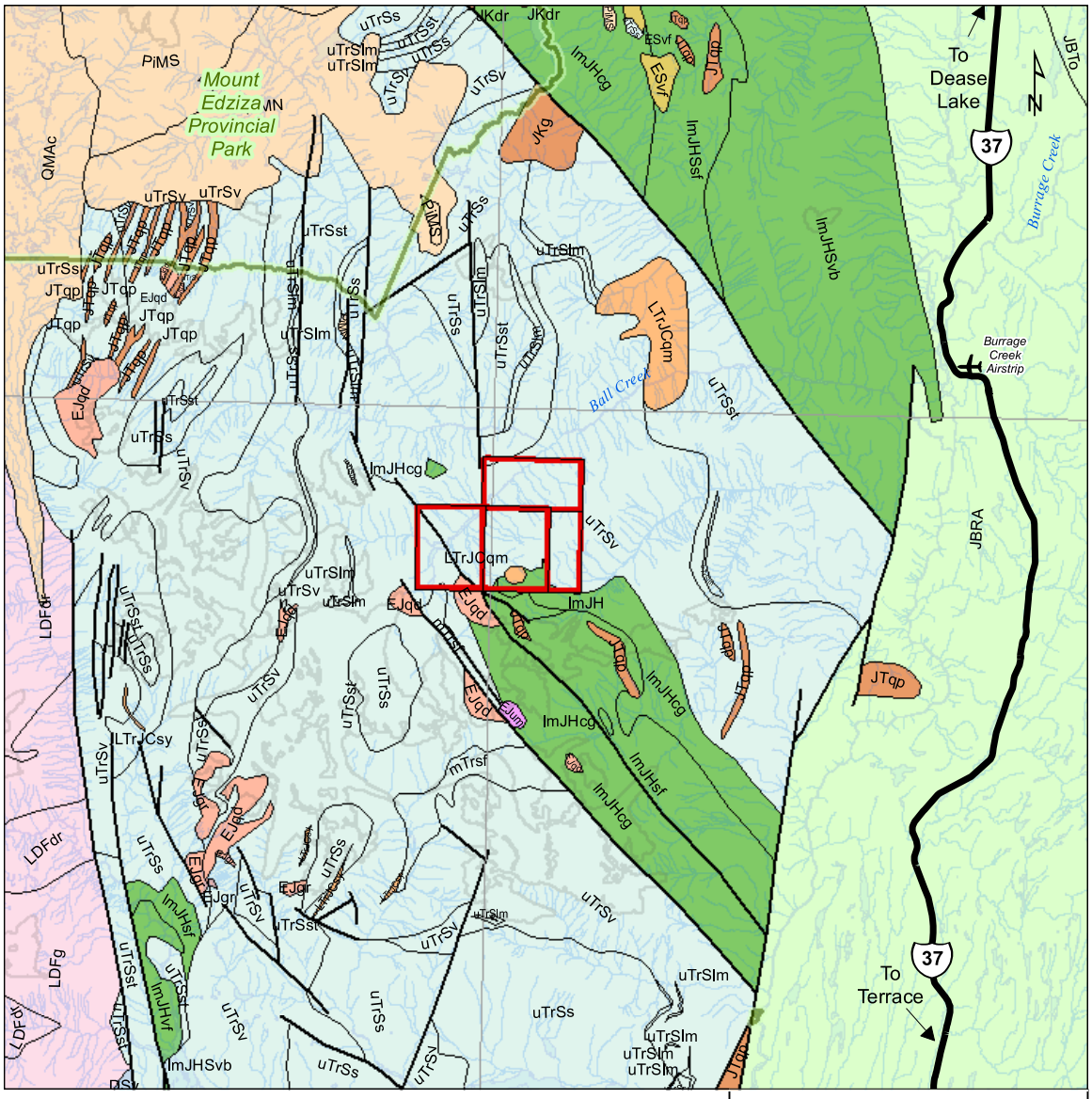
Structure in the region is dominated by the north-south trending Iskut River and Mess Creek valleys, believed to be controlled by major fault zones (Souther, 1972). Between the two valleys is a well-developed set of northwest trending faults, some of which are truncated by re-activation along the north-south faults. One of these northwest trending faults brings Upper Triassic Stuhini sandstone, graywacke and siltstone to the west in contact with slightly younger Upper Triassic Stuhini andesitic volcanics and minor sediments to the east (Souther, 1972; Logan et al., 1992). A similar but smaller sub-parallel fault, the West Hank Fault, crosses the western part of the Hank claims and separates Upper Triassic aphyric andesite flows, pyritic flow banded rhyolite and minor sediments to the west from hornblende+/- feldspar phyric andesitic volcanics to the east (McPherson, 1993a).

Regional Mineral Deposits

The Stikine terrane in this region is very well endowed with a wide variety of significant metallic mineral occurrences. These can be broadly divided into porphyry, diatreme breccia, skarn, vein, disseminated, epithermal and volcanic massive sulphide styles (Kaip, 1997). The most significant deposits are the Middle Jurassic subaqueous hot spring deposits at Eskay Creek, the Upper Triassic Shaft Creek Cu-Mo-Au porphyry, Early Jurassic alkaline Cu-Au porphyry and related veins, breccias and skarns (e.g. Red Chris, Galore Creek, Copper Canyon and GJ), Paleozoic massive sulphide and skarn occurrences (e.g Foremore), and the Hank epithermal Au-Ag prospect of Jurassic or younger age.

Table 3
Tectonostratigraphic Units in the Southern Telegraph Creek Map Area (from Kaip, 1997).

Age		Unit	Lithological Description	Tectonic Setting
Tertiary	Late Miocene to Recent	Spectrum & Edziza Complex	Peralkaline, subaerial basaltic to rhyolitic lavas and pyroclastic strata and related sub-volcanic intrusions.	Continental Arc (Related to crustal extension)
			Angular unconformity	
Mesozoic	Middle Jurassic to Lower Cretaceous	Bowser Lake Group	Overlying, shallow marine to nonmarine sandstone, chert pebble conglomerates, siltstone minor limestone and coal (Currier, McEvoy and Devil's Claw units). Basal Ashman Formation including shale, feldspathic to quartzose sandstone, greywacke and chert pebble conglomerate.	Onlap Assemblage (North and easterly derived clastic sedimentation from Cache Creek during accretion of Stikinia)
			Locally unconformable	
	Lower to Middle Jurassic	Hazelton Group	Basaltic to rhyolitic flows, tuffs and related intrusions, grade upward into interbedded siltstones and ash tuffs (Salmon River Formation). Dominantely andesitic volcanic strata and related intrusions, minor sedimentary strata and felsic tuffs (Betty Creek Formation). Basal coarse clastic, volcanic and plutonic derived, sedimentary sequence (Jack Formation).	Island Arc (Dominately Calc-alkaline volcanic strata, marine eastern facies and proximal, locally emergent western facies)
			Angular to nonconformity	
	Upper Triassic	Stuhini Group	Bioclastic limestone, shales and wacke. Basaltic to andesitic flows, tuffs and related intrusions and volcanic derived sedimentary strata. Siltstones, tuffs and silty limestones (Kitchener unit).	(Calc-alkaline to Tholeiitic marine volcanic strata, eastern facies and proximal, western facies)
			Angular to disconformity	
Paleozoic	Devonian to Permian	Stikine Assemblage	Permian Limestones and overlying andesitic volcanic and sedimentary strata. Carboniferous basaltic to felsic flows and pyroclastic, and minor sedimentary strata. Devonian basaltic to felsic tuffs, siltstones and limestones.	Island Arc (bi-modal arc construction followed by carbonate and marine sedimentation related to arc subsidence)



Date: 2014/10/23	**Hank Project**
Rev.: 2014/11/26	
Version: 2	
Figure: 5	**Regional Geology**
Author: WSH	
Office: Vancouver	
Scale:	
Filename: 20141007_Generalized_Geology_Map.mxd	
Location: Liard Mining District, NTS104G01/G02	
Projection: UTM Zone 9 (NAD83)	

Figure 5. Generalized Regional Geology (after BC Geological Survey Open File 2013-04).

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Legend for Figure 5: Regional Geological Codes

Stratigraphic Unit Code	Stratigraphic Age	Stratigraphic Name
Intrusive Rocks		
JTqp	Jurassic to Tertiary	Unnamed
JKdr	Jurassic to Cretaceous	Unnamed
JKg	Jurassic to Cretaceous	Unnamed
EJgr	Early Jurassic	Unnamed
EJqd	Early Jurassic	Unnamed
EJum	Early Jurassic	Unnamed
LTrJCqm	Late Triassic to Early Jurassic	Copper Mountain Plutonic Suite
LTrJCsy	Late Triassic to Early Jurassic	Copper Mountain Plutonic Suite
LDFdr	Late Devonian	Forrest Kerr Plutonic Suite
LDFg	Late Devonian	Forrest Kerr Plutonic Suite
Layered Rocks		
QMAc	Pleistocene to Holocene	Mount Edziza Complex - Arctic Lake Formation
PiMN	Pliocene	Mount Edziza Complex - Nido Formation
PiMS	Pliocene	Mount Edziza Complex - Spectrum Formation
ESvf	Early Eocene	Sloko Group
JBTo	Middle Jurassic to Upper Jurassic	Bowser Lake Group - Todagin Assemblage
JBRA	Middle Jurassic to Upper Jurassic	Bowser Lake Group - Ritchie-Alger Assemblage
lmJH	Lower Jurassic to Middle Jurassic	Hazelton Group
lmJHSvb	Lower Jurassic to Middle Jurassic	Hazelton Group - Salmon River Formation
lmJHSsf	Lower Jurassic to Middle Jurassic	Hazelton Group - Salmon River Formation
lmJHsf	Lower Jurassic to Middle Jurassic	Hazelton Group
lmJHvf	Lower Jurassic to Middle Jurassic	Hazelton Group
lmJHcg	Lower Jurassic to Middle Jurassic	Hazelton Group
uTrSv	Upper Triassic	Stuhini Group
uTrSs	Upper Triassic	Stuhini Group
uTrSlm	Upper Triassic	Stuhini Group
uTrSst	Upper Triassic	Stuhini Group
mTrsf	Middle Triassic	Unnamed
DSv	Devonian	Stikine Assemblage

Source: Digital Geology, British Columbia Geological Survey, Open File 2013-04.

Property Geology

The short 2014 field program described in this report relied on the excellent geological work completed by Lac and Homestake between 1983 and 1993, which is compiled on Plate 1 and Figure 6 from interpretations of Kaip and McPherson (1993), McPherson (1993a), and Gaunt and Kaip (1994). The following description is quoted from Gaunt and Kaip (1994):

Stratigraphy

The Hank property is underlain by a succession of flows, sills volcaniclastic breccias tuffs and minor sedimentary rocks divided into five units. On the northeast side of the West Hank fault, the stratigraphy consists of Upper Triassic Stuhini Group pyroxene-phyric sills flows and flow breccias overlying hornblende±pyroxene-phyrlc flows and sills, volcaniclastic tuffs and breccias, siltstones, sandstones and biotite-phyric flows and breccias. Lower Jurassic carbonaceous siltstones, sandstones, wackes and pebble conglomerates which locally contain fossilized wood fragments are unconformably overlying the volcanic succession.

On the west side of the fault, well-bedded, feldspar-rich, volcanic derived sandstones, conglomerates, greywacke and thin bedded siltstones of the Upper Triassic Stuhini Group are exposed along the north flank of Goat Peak (Logan et al., 1992). A wedge of possible Middle Jurassic interlayered aphyric vesicular basalt flows and flow-banded rhyolites and minor volcaniclastic sediments exposed along the eastern flank of Goat Peak are bounded by the West Hank fault on the northeast side and hornblende diorite to the west.

Stuhini Group **(Upper Triassic)**

Unit 1a: On the northeastern side of the West Hank fault, the most volumetrically abundant unit on the property are green, black and maroon volcaniclastic lapilli and tuff breccias. Rocks in this unit are poorly sorted and display weak normal grading from lapilli to breccia-sized fragments. Individual layers are difficult to identify, imparting an overall massive appearance to the rock. The fragments are plagioclase+ hornblende+pyroxene-phyric, typically angular and vary in size from 2 to 50 centimetres. Plagioclase laths vary from 1 to 4 millimetres and make up 20 to 35 percent of the fragments. Hornblende varies from 2 to 5 millimetres and pyroxene from 1 to 2 millimetres; together they comprise 15 percent of the fragments. The matrix of lapilli and tuff breccia is composed of a fine-grained mass of broken plagioclase crystals and ash.

Within this sequence, isolated lenses of well-bedded ash tuff, composed of broken plagioclase laths and ash are exposed in Creeks 4 and 7 and on Camp Peak and vary from 0.5 to 1 metre wide. Poorly indurated, well-bedded, maroon and green· calcareous siltstones and volcanic sandstones crop out at the top of Creek 13.

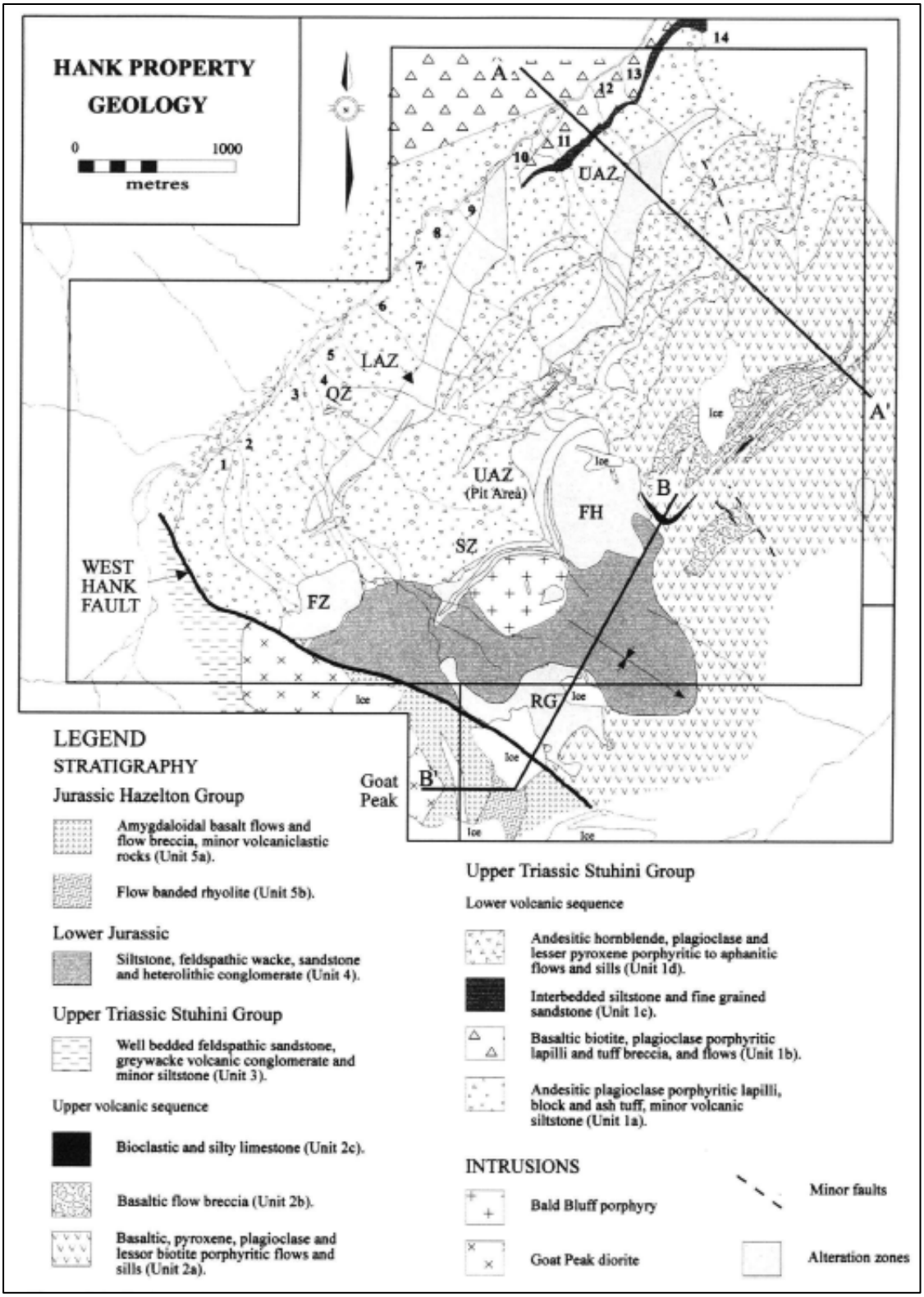

Figure 6. Simplified Geology of the Hank Property (from Kaip, 1997). Alteration zones are Felsite Hill (FH); Flats Zone (FZ); Lower Alteration Zone (LAZ); Quartz Alteration Zone (QZ); Rojo Grande (RG); Silicified Zone (SZ); and Upper Alteration Zone (UAZ).

Unit 1b*: At the base of Creeks 8, 9 and 10 a lens of plagioclase+biotite-phyric ash and lapilli tuff interfingers with Unit 1a. On the ridge to the north these tuffs are interbedded with black biotite and plagioclase-phyric flows and breccias. Fragments are subrounded to rounded and vary in size from 2 to 20 centimetres. The groundmass is composed of fine-grained ash and isolated shards of volcanic glass. Flows, 20 to 30 metres thick are massive to amygdaloidal and medium-grained with euhedral 2 to 5 millimetre biotite phenocrysts. .* (Note: this rock type was named Unit 1c in older reports by Reina.)

Unit Ic: *Overlying Unit 1b are black, finely laminated siltstones interbedded with grey and brown fine to medium-grained sandstones. Individual sandstone beds vary in thickness from 2 to 20 centimetres and occasional load structures indicate that beds are upright. The thickness of this unit varies along strike from 20 to greater than 50 metres. .* (Note: this rock type was named Unit 1b in older reports by Reina.)

Unit Id: *Interfingering with Unit 1a are maroon hornblende+plagioclase+pyroxene-phyric flows, sills and dykes. On the west side of the property flows and sills are volumetrically minor forming thin lenses which are discontinuous over 100 metres strike length. On the east side of the property, a series of flows and sills up to 70 metres thick dominates the stratigraphy. Hornblende phenocrysts vary from 2 to 20 millimetres, are altered to chlorite and magnetite and comprise up to 15 percent of the rock. Pyroxene occurs as equant crystals 2 to 4 millimetres in size and are variably altered to chlorite and calcite. The groundmass is composed of plagioclase and contains disseminated magnetite.*

Unit 2a: *Overlying Unit 1, pyroxene+plagioclase-phyric, dark green to grey, magnetic flows and sills are best exposed along Hank Ridge. The sills are massive and range in thickness from 20 to greater than 100 metres. Recessively weathering equant pyroxene crystals vary in size from 2 to 10 millimetres and comprise 10 to 30 percent of these rocks. Plagioclase occurs as crowded white laths up to 3 millimetres in size and forming 20 to 40 percent of the rock. The groundmass is aphanitic and contains fine-grained plagioclase and disseminated magnetite. Flows range in thickness from 5 to 15 metres and are bounded by flow breccias of unit 2b. Isolated limestone clasts are observed in the flows near the top of the section on Hank Ridge.*

Unit 2b: *Interlayered with the dark green grey pryroxene+plagioclase flows are breccias, which are derived from the flows of unit 2a. The breccias are massive and poorly sorted and consist of angular to well-rounded fragments up to 1.5 metres in size.* (Note: this unit is named Unit 2c in reports by Reina.)

Unit 2c*: A lens of partially recrystallized, bioclastic and silty limestone crops out near the top of the exposed section of Unit 2a on Hank Ridge. The limestone contains bivalve and gastropod fossil fragments in strongly bioturbated layers interbedded with well-laminated, fine-grained silty limestone. This unit is overlies tuff breccia and underlies pyroxene+feldspar-phyric flows.* (Note: this unit is named Unit 2b in reports by Reina.)

Unit 3: *On the west side of the West Hank fault, Upper Triassic Stuhini Group well-bedded, feldspar-rich, volcanic derived sandstones, conglomerates, greywacke and thin*

bedded siltstones are exposed along the north flank of Goat Peak (Logan et al., 1992). On the property, this unit is exposed west of Creek 1, and consists of brown to black, well-bedded, calcareous siltstone and fine-grained sandstones with carbonaceous plant fragments along bedding planes.

Lower Jurassic

Unit 4: *Unconformably overlying Unit 2 are poorly indurated, maroon and green siltstones, brown and green well-bedded sandstones, and heterolithic pebble to cobble conglomerates. Fossilized wood fragments up to 2 metres are common and rare Weyla. are reported (Turna, 1985). Siltstones are well laminated and individual beds vary from 0.5 to 5 metres. The sandstones are calcareous and display low-angle, cross trough bedding with pebble lags along foresets. Clasts in the conglomerates are well-rounded and vary in size from 0.5 to 10 centimetres. Clasts are dominantly intraformational and derived from the underlying volcanic rocks. Distal equivalents of the coarse clastic rocks were observed on the ridge to the northwest of the Hank property and consist of well-bedded siltstones with lenses of cross-bedded medium grained sandstones.* (Note: this unit may represent an important unconformity similar to the Jack Formation elsewhere in the Iskut region (Souther, 1972). As such it could be related to deformation and/or uplift at the Triassic-Jurassic boundary, and a hiatus in volcanic activity.)

Middle Jurassic

Unit 5: *A wedge of dark green to black amygdaloidal aphyric flows and flow breccias (unit 5a) interlayered with rusty, pyritic, flow-banded rhyolites (unit 5b), are exposed on the east flank of Goat Peak along the southwest side of the West Hank fault. These volcanic rocks were previously grouped with Upper Triassic sedimentary rocks of unit 3, but have now been assigned a possible Middle Jurassic age based on field observations.* (Note: According to Kaip (1997) this bimodal volcanic sequence is more similar to Hazelton Group strata to the east in the Kinaskan Lake area (Souther, 1972; Evanchick, 1990), and therefore, he correlates this unit to the Lower to Middle Jurassic Hazelton Group.)

Intrusive Rocks:

Unit A **(Bald Bluff Porphyry)*:*** *An orthoclase-megacrystic, hornblende-porphyritic intrusive is exposed on Bald Bluff. The intrusive is well foliated and loca1ly flow-banded with the strike of the foliation subparallel to the margins of the plug and dipping near vertically. A contact breccia with angular fragments of the foliated intrusive cemented by calcite, iron-bearing carbonate and grey to red silica is exposed on the margins of the intrusive. On the top of Bald Bluff the foliation flattens, and well-banded orthoclase-megacrystic intrusive rock underlies silicified breccia derived from it The Bald Bluff porphyry has intrusive contacts with the surrounding sediments and breccia dikes related to it intrude sedimentary rocks adjacent to the contact. Minor hornfelsing of unit 4 is observed in outcrop adjacent to the intrusion and represented by the occurrence of black, euhedral biotite and fine-grained, disseminated pyrite. A sample of the Bald Bluff intrusion collected during the 1992 field season for zircon dating yielded a preliminary age of 185.2 +4.5/- 1.2 Ma (J.K. Mortensen, personal communication).*

Unit B: *A plug of relatively homogeneous, medium-grained equigranular diorite, which locally contains more pegmatitic phases, crops out on Goat Peak west of the West Hank fault.*

Structure

The West Hank Fault is the dominant structural feature on the property. It lies along the western margin of the property, and is probably the southeast extension of a similar fault mapped on the ridge to the northwest by Logan et al (1992; also A. Kaip, personal communication). The fault trends north-northwest, dips sub-vertically and is marked by abundant white calcite veining, brecciation and contorted bedding in the sediments of Unit 4.

Bedding in the volcanic succession on the northeast side of the West Hank fault strikes northeast and dips 20 to 40 to the southeast along Hank Ridge. On the ridge to the north, bedding strikes southwest and dips 20 to the northwest. Within Unit 2b, above Felsite Hill, bedding strikes southeast and dips 50 to the southwest. Local variations in bedding are also recorded within Unit lb at the base of Creeks 10 and 12.

Within Unit 4 bedding is more variable due to doming, caused by the intrusion of the Bald Bluff porphyry and folding along the east side of Rojo Grande. Along the margins of the intrusion, east to northeast striking bedding steepens from 30 to 60. On the east side of Rojo Grande an asymmetric syncline trending southeast probably corresponds to one mapped by Souther (1972). Bedding' on the southwest side of the West Hank fault strikes south and dips steeply to the west. Bedding in the sedimentary rocks adjacent to the fault and along Hank Creek strikes east and dips steeply south. Within the volcanic succession along the northwest side of Hank Ridge, local faults have been identified in outcrop and drill core. These faults strike north-northwest and have offsets of less than 100 metres.

Mineralization and Alteration

Seven alteration zones are present on the Hank property (Figure 6, Plate 1) *with characteristic alteration· assemblages described by Kaip and McPherson (1993). They include: the quartz stockwork consisting of quartz veining and silica flooding within chlorite+Fe-carbonate+pyrite altered volcaniclastic breccias of unit la; the lower alteration zone (LAZ), dominated by intense sericite+pyrite+carbonate alteration; the upper alteration zone (UAZ), dominated by sericite+pyrite±chlorite±clay±carbonate alteration; the Flats zone at the head of Creeks 1 to 3 and characterized by quartz+sericite+pyrite alteration near the base of the zone and clay+pyrite±quartz alteration and quartz+potassium feldspar+pyrite alteration above; the silicified zone characterized by intense silicification with or without pyrite and barite which displays multiple phases of brecciation; Felsite Hill and Rojo Grande dominated by intense quartz+clay+pyrite alteration and lesser quartz+clay+pyrite and clay quartz alteration.*

Quartz Stockwork Zone: *Below the LAZ in Creek 4, is a 10m by 75m, east-northeast trending zone of quartz stockwork hosted within chlorite-Fe carbonate-pyrite altered volcaniclastic breccias of unit 1a. The zone appears to terminate east of Creek 4, and is covered by talus to the west. The stockwork consists of milky-white to colourless quartz*

veins up to 2cm wide within a 10m wide halo of moderate pervasive quartz-sericite alteration carrying 3 to 5% fine pyrite.

1992 rock sampling of the zone returned moderately anomalous values up to 812 ppb Au.

Lower Alteration Zone (LAZ): *The LAZ is a broad northeast trending zone of sericite-pyrite±carbonate alteration hosted within volcaniclastic tuffs and breccias of Unit 1a and flows and sills of Unit 1d. The Zone is 100 to 250m wide, 2400m long, and dips steeply. The lower alteration zone terminates to the north between creeks 9 and 10 along Hank Creek. Reconnaissance mapping on the Ridge to the north on the property indicates that the lower alteration zone does not extend across Hank Creek. To the southwest, the Zone appears to be cut-off by a steep northwest trending fault immediately southwest of Creek 3. This fault is visible in DDH 88-23, where strong sericite-pyrite-carbonate alteration is in fault contact with unaltered andesite hornblende-feldspar phyric lapilli tuffs.*

Alteration is typically pale grey to white in colour and very uniform. Up to 15% pyrite occurs as euhedral, 1 to 10mm disseminated crystals in stringers, or replacing fragments. Sericite is predominantly white and less commonly pale green to brown, and pervasive calcite is the main carbonate mineral. Calcite veinlets up to 10% are common, and are often associated with elevated gold values.

The intensity of alteration increases toward the lower boundary of the alteration zone from weak chlorite+pyrite+carbonate alteration to strong sericite+pyrite+carbonate alteration. The lower boundary of the alteration zone is based on a decrease in the estimated percentage of carbonate and the prominent change in the colour of the gossans in the creeks along the northeast side of Hank Ridge. The upper contact of the lower alteration zone is gradational and marked by a gradual decrease in the intensity of alteration to weak chlorite+pyrite+carbonate±sericite with discontinuous pods of stronger alteration.

Hosted within the LAZ are several quartz-carbonate veins up to 50cm wide, that host sphalerite, galena, pyrite and minor chalcopyrite mineralization. These veins are discontinuous, and appear to be localized along dilational zones which pinch and swell. The veins are locally zoned, with fine-grained, grey quartz at vein margins and coarse grained, white to pale pink calcite and sulphide mineralization in the cores. Alteration typically increases to soft, pyritic clay adjacent to the margins of these quartz-carbonate-sulphide veins. The sulphide veins are often cut by late pink to white carbonate veins up to 30cm wide. Late gypsum and anhydrite fracture fill is common within the LAZ and in the surrounding unaltered host rock.

Gold is predominantly associated with narrow sulphide bearing quartz and quartz-carbonate veins, which create narrow high grade intervals (from 1.0 to 95 .0 g/tAu over 0.5 to 5.0m) within a broader zone of elevated background gold values (typically 100 to 700 ppb Au) associated with higher concentrations of disseminated pyrite and calcite stringers (Brown, 1989). Lac has identified eleven mineralized zones within the LAZ, the best intersection is 13.4 g/t Au (plus 132.3 g/t Ag) *over 9.14m* (apparent width) *in DDH*

88-4 (in the "Creek 5 Deep Zone") (Collins, 1990). Surface sampling has returned up to 74.0 glt Au from grab samples, and several of these high grade areas have not yet been drill tested.

Other strong drill results (all true widths) in the LAZ include:

- 0.63 m grading 70.86 g/t Au (Hole 89-4, Creek 5 "B" Zone)
- 3.40 m grading 16.83 g/t Au (Hole 87-3, Creek 5 "C" Zone)
- 2.93 m grading 18.27 g/t Au & 132.9 g/t Ag (Hole 88-4, Creek 5 "Flat" Zone)
- 1.10 m grading 66.19 g/t Au & 530 g/t Ag (Hole 86-6, Creek 5"86-6 Deep" Zone)
- 4.26 m grading 5.77 g/t Au & 35.2 g/t Ag (Hole 89-11, Creek 8 "A" Zone)
- 2.38 m grading 12.0 g/t Au & 257.2 g/t Ag (hole 89-11, Creek 8 "B" Zone

(Source: Brown, 1989.)

***Upper Alteration Zone**: The UAZ is less continuous than the LAZ and forms a series of northeast trending zones which extend for approximately 2000m from the head of Creek 4 to the west side of Creek 12. The Zones vary from 25 to 200m in width, with individual zones up to 1000m in strike length. Between Creeks 10 and 12 the upper contact of the UAZ coincides with the base of a thick flow of unit 1d. In the 200 and 440 Pit the footwall of the UAZ is defined by a thick flow or sill of unit 1d indicating that the UAZ is semi-conformable to stratigraphically within the more permeable rocks of unit 1a and cuts shallowly up section to the southwest. Previous work by Lac Minerals Ltd. has outlined a drill indicated geologic resource in two small pits within the southwestern most zone of alteration.*

The Lac work led to the delineation of "indicated reserves (open pit material)" of 226,775 tonnes grading 4.4 g/t Au in the South zone and 226,775 tonnes grading 2.3 g/t Au in the North Zone (Lac Minerals Ltd. Prospectus 1987, as quoted in BC MINFILE 104G 107). Alternatively, McPherson (1993; quoting Collins 1990) reported a "drill indicated geologic resource" of 245,000 tonnes grading 4.0 g/t Au in the "200 pit" (South zone) and 218,000 tonnes grading 2.0 g/t Au in the "440 pit" (North zone). **It should be noted these estimations precede National Instrument 43-101, are repeated for historical reference only, are not current, and are not to be relied upon. A Qualified Person has not done sufficient work to classify the historic estimate as mineral resources or reserves, and Golden Ridge is not treating the historic estimate as a current estimate. Nevertheless, the historic estimates were completed by competent individuals to the standard of the day, and are considered to be relevant to future exploration of the property.**

Between Creeks 8 and 14 is similar to alteration in the LAZ with pale grey to white sericite+pyrite+carbonate alteration containing local zones of less altered sericite+chlorite+pyrite+carbonate altered rocks. To the southwest in the 200 and 440 Pit region alteration is characterized by chlorite+pyrite+carbonate alteration at the base of the UAZ and grades vertically to pale green to grey sericite+pyrite+carbonate alteration to intense sericite+clay+pyrite+carbonate alteration near its upper contact

with the silicified zone. This change in alteration is characterized by a decrease in competency of core as clay becomes more abundant.

Six types of veining are recognized: quartz-carbonate veins carrying sphalerite, pyrite and minor chalcopyrite; barite-pyrite veins; quartz-pyrite veins; pyrite veinlets; white to pink carbonate veins and crustiform calcite veins. Barite veins are characterized by coarse-grained bladed barite with minor disseminated pyrite and frequently contain wallrock fragments. Quartz-pyrite veins, commonly less than 10 centimetres wide, contain euhedral coarse-grained pyrite concentrated along the margins. Pyrite veinlets, less than 1 centimetre in width are abundant in the upper zone and are cut by white to pink carbonate veinlets. Crustiform calcite veins up to 1 metre wide are exposed in the 200 and 440 pit area of the upper alteration zone. These veins contain minor pyrite and bladed quartz after calcite.

Gold mineralization within the UAZ is more disseminated in nature than in the LAZ and occurs within a subhorizontal zone dipping gently to the southeast, approximately 30 metres above the base of the UAZ. The gold concentrations correlate with an increase in sulphide bearing quartz and quartz-carbonate veins enveloped by intense clay+sericite+pyrite carbonate alteration which create local high grade intersections. The majority of the higher grade intersections are broad zones of anomalous gold values associated with elevated concentrations of disseminated pyrite and an increase in the percentage of calcite stringers. Veining strikes northeast and dips steeply to the southeast. The best drill intersections include: 9.39 g/t Au over 12.19m in DDH 85-32, and 3.74 g/t Au over 30.48m in DDH 85-45 (Visagie, 1991). Surface sampling includes intersections of 462 ppb Au over 115m and 2.54 glt Au over 26m (Brown, 1989).

Between the upper alteration zone and quartz-c1ay-pyrite alteration on Felsite Hill there is a poorly exposed zone, up to 100 metres wide, of transitional alteration best seen in drill core within and above the 200 pit area. In drill core there is a general decrease in the degree of silicification downward from quartz+c1ay+pyrite alteration to friable clay+pyrite+quartz. Crumbly clay+pyrite+quartz grades downward into sericite+clay+pyrite+carbonate and into typical upper zone alteration. Within this transitional zone is an interval of diffuse silica flooding which may correspond with the position' of the silicified zone described below.

***Flats Zone**: On the broad plateau area at the heads of Creeks 1 to 3 is a poorly exposed zone of quartz-sericite-pyrite alteration known as the Flats Zone. The zone is hosted within volcaniclastic breccias of unit la and overlying flows or sills of unit Id. From DDH93-1 it is apparent that the Flats zone dips approximately 40 degrees to the southeast and is overlain by unaltered sedimentary rocks of unit 4.*

Alteration near the base of the Flats zone comprises buff, fine-grained quartz-sericite with druzy milky-white quartz filled cavities and crustiform veining up to 3cm wide, and 5 to 20% fine grained disseminated pyrite within volcaniclastic breccias of unit la. Higher in elevation, pods of clay-pyrite±quartz alteration are exposed near the top of Creek 3, and consist of crumbly white to grey rock with very fine grained disseminated pyrite,

surrounded by a broad area of very pale yellow clay-soil. Several resistant pods of grey silica were also located within this area, but are typically very small (<5m wide). In drill core the Flats zone is characterized by competent intervals of quartz+potassium-feldspar+pyrite within less competent sericite+clay+pyrite±carbonate alteration. Sulphide bearing quartz and quartz-carbonate and carbonate veins less than 5cm wide are present within these types of alteration.

Previous drilling by Lac in 1987 and 1988, indicates the zone to have relatively uniform high background gold values in the order of 390 ppb Au over 120m (DDH 87-8), with rare higher grade pods. On surface, 1992 rock samples returned relatively low gold values, with a maximum of 393 ppb Au.

***Silicified Zone**: The silicified zone is exposed along the base of Bald Bluff and Felsite Hill. It is hosted by sedimentary rocks of unit 4 and volcanic rocks of unit 1. Above the "200 pit" area the trace of the silicified zone was intersected in drill core and consisted of grey, intense silicification hosting very fine-grained disseminated pyrite. The upper and lower margins of the silicified zone display evidence of brecciation with coarse-grained pyrite and barite filling open cavities.*

On surface, a poorly exposed zone of friable, recessive weathering alteration corresponds to the trace of the silicified zone. In drill core this zone, up to 70 metres wide, is marked by a general decrease in the degree of silicification downward from quartz+clay+pyrite alteration to friable clay+pyrite+carbonate quartz which grades into typical upper zone alteration. This zone is also characterized by a carbonate stockwork composed of white to pink calcite veins 1 to 2 centimetres wide and abundant pyrite vein1ets above and below the silicified zone. In addition, within this envelope several intervals of silicification occur above the main silicified zone.

From surface exposure and the intersection of the silicified zone in core it is apparent that it is semiconformable to stratigraphy, striking northeast and dipping 15 to 20 to the southeast. Gold values within the zone are variable, and locally show a moderate correlation with pyrite content. The highest values lie in Creek 4 and below Felsite Hill, where silicified rocks carry 5 to 10% pyrite, and values reach 1920 ppb Au. To the east and west along strike, pyrite content decreases to less than 3%, and gold values are less than 110 ppb.

***Felsite Hill:** Alteration on Felsite Hill forms a broad, north trending oval zone approximately 550m wide by 900m long, which cross-cuts stratigraphy. Alteration on Felsite Hill is hosted by sedimentary rocks of unit 4 hornblende-feldspar-phyric flows or sills of unit 1d and pyroxene-plagioclase-phyric flows or sills of units 2a. The dominant alteration assemblage on Felsite Hill is intense quartz-clay-pyrite, with smaller zones of quartz-clay±pyrite and clay±quartz alteration. A small isolated pod of quartz-pyrite alteration similar to the Silicified Zone is exposed in the central part of Felsite Hill.*

Quartz-clay-pyrite alteration is texturally destructive with relict feldspar and fragment outlines present only on weathered surfaces, or near alteration boundaries where the

intensity of silicification decreases. The assemblage is composed of fine grained blue to grey silica, grey to white clay and up to 15% very fine grained disseminated pyrite.

Quartz-clay±pyrite alteration overlies and extends to the southeast of quartz+clay+pyrite alteration; from drill core (DDH93-5) it is apparent that this type of alteration cuts quartz+clay+pyrite alteration along vertical structures which narrow at depth. Alteration varies from intense, vuggy and texturally destructive to more moderate intensities showing relict primary textures and isolated pods of fine grained pyrite. In the former, the rock is made up of up to 70% fine grained white to buff quartz with abundant small cavities, possibly reflecting where clay has been leached from primary mineral pseudomorphs. Textures are better preserved where clay content increases. Pyrite occurs as fine grained disseminated euhedral crystals up to 25% but more typically ranges from trace to 3%. Small pods of chalcedonic grey silica and white amorphous clay veinlets have been identified in outcrop.

Clay±quartz alteration varies dramatically in intensity along the southern margin of alteration on Felsite Hill. Clay is soft, amorphous and green to maroon in colour. The alteration is hosted within interfingered maroon siltstones and conglomerates, which show well preserved primary textures. On the West side of Felsite Hill, is a small pod of clay-quartz altered fine grained sediments with carbonaceous partings, exposed within quartz-clay-pyrite alteration. This alteration varies from clay-quartz to clay, and is more granular in nature than the soft amorphous clay typically seen elsewhere on Felsite Hill. On the top of Bald Bluff are patchy zones of moderate quartz-clay-pyrite±sericite-chlorite alteration which display textural similarities to alteration on Felsite Hill and in the UAZ.

***Roio Grande**: Alteration on Rojo Grande forms a more irregular zone than on Felsite Hill, extending from Rojo Grande peak west to Rojo Chico, and then south onto Goat Peak. The zones are thought to be hosted within pyroxene-feldspar phyric flows of Unit 2a and sediments of Unit 4. Well preserved sedimentary textures are visible along the south and northeast margins of Rojo Grande peak, however within the alteration zone most primary lithologic features have been destroyed. The style of alteration is similar to that on Felsite Hill with quartz-clay-pyrite as the dominant assemblage, hosting pods and patches of quartz-clay±pyrite and minor clay±quartz alteration. Several zones of intense quartz±pyrite alteration occur as narrow north-trending linears within the quartz-clay-pyrite halo. Alteration consists of fine-grained grey to blue quartz, white to pale grey amorphous clay and 1 to 15% finely disseminated pyrite.*

Rojo Chico is situated west-northwest of Rojo Grande and consists of quartz-clay-pyrite alteration. Alteration is typically massive and granular in appearance, and consists of fine grained, blue-grey quartz, 2 to 10% fine grained disseminated pyrite and white amorphous clay. The Zone forms a small, but prominent resistant red knob approximately 75m wide by 100m long that is completely surrounded by talus. South of Rojo Chico, alteration forms a 150m wide band extending south to Goat Peak.

Along the east-northeast side of Goat Peak a prominent zone of quartz+clay+pyrite alteration appears to strike towards Rojo Chico. This linear zone cuts across the West Hank fault along the base of Goat Peak with no observable offset. Along the ridge line, a quartz+clay+pyrite assemblage alters aphyric amygdaloidal flows of Unit 5a. This zone includes linear bands of unaltered flows striking 1700 and dipping vertically.

Adjacent to the West Hank Fault, immediately south of the Hank claims, is a zone of quartz-clay+pyrite altered rocks. Within this zone, white amorphous clay pods and veins up to 2cm wide are observed adjacent to a zone of brecciation measuring 1m by 4m. The clasts in this breccia are altered to quartz-clay and cemented by fine grained grey quartz. A 1cm wide vein of light brown sugary crystals also occurs adjacent to the breccia, and has been identified by XRD as a combination of natroalunite and dickite (Kaip and McPherson, 1993).

Rock samples from both Rojo Chico and Rojo Grande returned relatively low gold values (less than 210 ppb Au), but Rojo Chico also has very high mercury values (up to 472 ppm Hg). Rock samples from Rojo Grande carry more moderate mercury values.

Based on the vein mineralogy, alteration and other characteristics, the author believes the Hank mineralization fits in the "Carbonate – Base-Metal – Au" epithermal class of deposits, which includes important deposits in the circum-Pacific region such as parts of Porgera, Mt. Kare, Kelian, Victoria-Lepanto and others. According to Corbett (2013) and Corbett and Leach (1998), these types of epithermal deposits can host very significant gold resources.

7) WORK DONE BY GOLDEN RIDGE RESOURCES LTD IN 2014

In spring 2014, prior to the field program all available trenching, drilling, soil and rock geochemistry, geophysical and topographic information was compiled into a GIS database using Arc-GIS software by Allan Jacobs and William Hay. Some data was compiled from unpublished reports by Lac Minerals, which were provided by Barrick Exploration or John Fleishman (e.g. Turna, 1986, 1988, 1989).

Field work completed on the Hank Property between August 3 and 9, 2014 consisted of an airborne magnetic survey, prospecting and geological observations, and collection of rock and soil samples. The work program was designed to better understand the controls and setting of gold mineralization, extend soil coverage for gold and pathfinder elements, map alteration using a TerraSpec Short Wave Infra-Red (SWIR) analyzer, and acquire magnetic data to assist in interpretation of structure and alteration.

Due to the short nature of the program and work on other properties in the region, the field crew was housed at a camp at the Bronson airstrip, some 70 km southwest of the property. A Bell 206L3 LongRanger helicopter, contracted from Fireweed Helicopters Ltd. and piloted by West Luck, provided daily access to the site. To save on refueling flights, some fuel was cached at the Burrage airstrip on highway 37, 16 km northeast of the property.

The field work and sampling was completed by the following people:

Mike Cathro, Geologist
Greg Dawson, Geologist
Jim Oliver, Geologist
Mark Roden, Prospector
Jan Tindle, Prospector
Yvonne Thornton, Prospector
Adam Travis, Geologist
Brody Travis, Prospector

Airborne Magnetic Survey

On August 3, Peter E. Walcott and Associates Limited completed a 108 line-kilometre airborne magnetic survey over the property. The survey was managed by Alex Walcott and flown using the Fireweed LongRanger piloted by West Luck. The survey consisted of 29 flight lines oriented at 140/320 azimuth, and 4 tie lines at 050/230 azimuth. Nominal line spacing was 200 m for survey lines and approximately 1100 m for tie lines. Flight lines are shown on Figure 7.

A bird type system was towed on a 20 m line by the helicopter. The mean bird height was 40 m. The bird unit consists of three main components; a C-824 Cesium Magnetometer manufactured by Geometrics of San Jose, California, a RS400 Laser Range Finder manufactured by Opti-Logic of Tullahoma, Tennessee, and a 16x GPS manufactured by Garmin International Inc. of Kansas City, Kansas. On this survey a sampling rate of 20 Hz was employed. The respective components were in turn connected to the helicopter via a shielded multiconductor cable within the towline for power and data transmission to the logging units on the helicopter.

Flight line navigation data was obtained using an Ublox WAAS enabled GPS with a 5Hz update rate. Data logging and navigation were carried out utilizing Geometrics MagLogPro software on a Panasonic CF-19 Toughbook computer with a secondary 7" daylight viewable pilot navigation monitor. In addition to the airborne unit the survey also utilized two GSM 19 proton precession magnetometer manufactured by GEM Instruments of Richmond Hill, Ontario as base magnetometers. These instruments measure variations in the total intensity of the earth's magnetic field to an accuracy of plus or minus one nanotesla.

Additional details of survey specifications and data processing are included in the Logistics Report included as Appendix A (Walcott, 2014).

Various magnetic images were prepared by Walcott including Contours of Total Field Intensity (Plate 2), Contours of Calculated Vertical Gradient (Plate 3), Magnetic Tilt Derivative Overlaid with Total Magnetic Intensity (Plate 4), Directionally Filtered (010) Tilt Derivative Overlaid with Total Magnetic Intensity (Plate 5), and Directionally Filtered (055) Tilt Derivative Overlaid with Total Magnetic Intensity (Plate 6).

In order to better understand the relationship between magnetic features, alteration and mineralization, lineament analysis was completed on each of the tilt images. Lineaments were then transferred to Plate 7, which is a compilation showing total magnetic intensity along with geological contacts, zones of mineralization and alteration, faults, and drill holes.

Rock and Soil Geochemistry

On August 4, 5, 8 and 9, a total of 3 historic drill core samples, 24 rock samples and 259 soil samples were collected for fire assay and ICP-MS multi--element geochemical analyses.

Sample locations were recorded on handheld GPS units and descriptions were made in a field book. Soil samples were collected primarily from the B- or C-horizon at a depth of 10 to 40 cm using a small pick. Rock samples were generally 1-2 Kg in size and collected from mineralized and/or altered outcrops. Samples were placed along with individually numbered sample tags in sealed poly bags (rocks) or kraft envelopes (soils) for shipment to the lab.

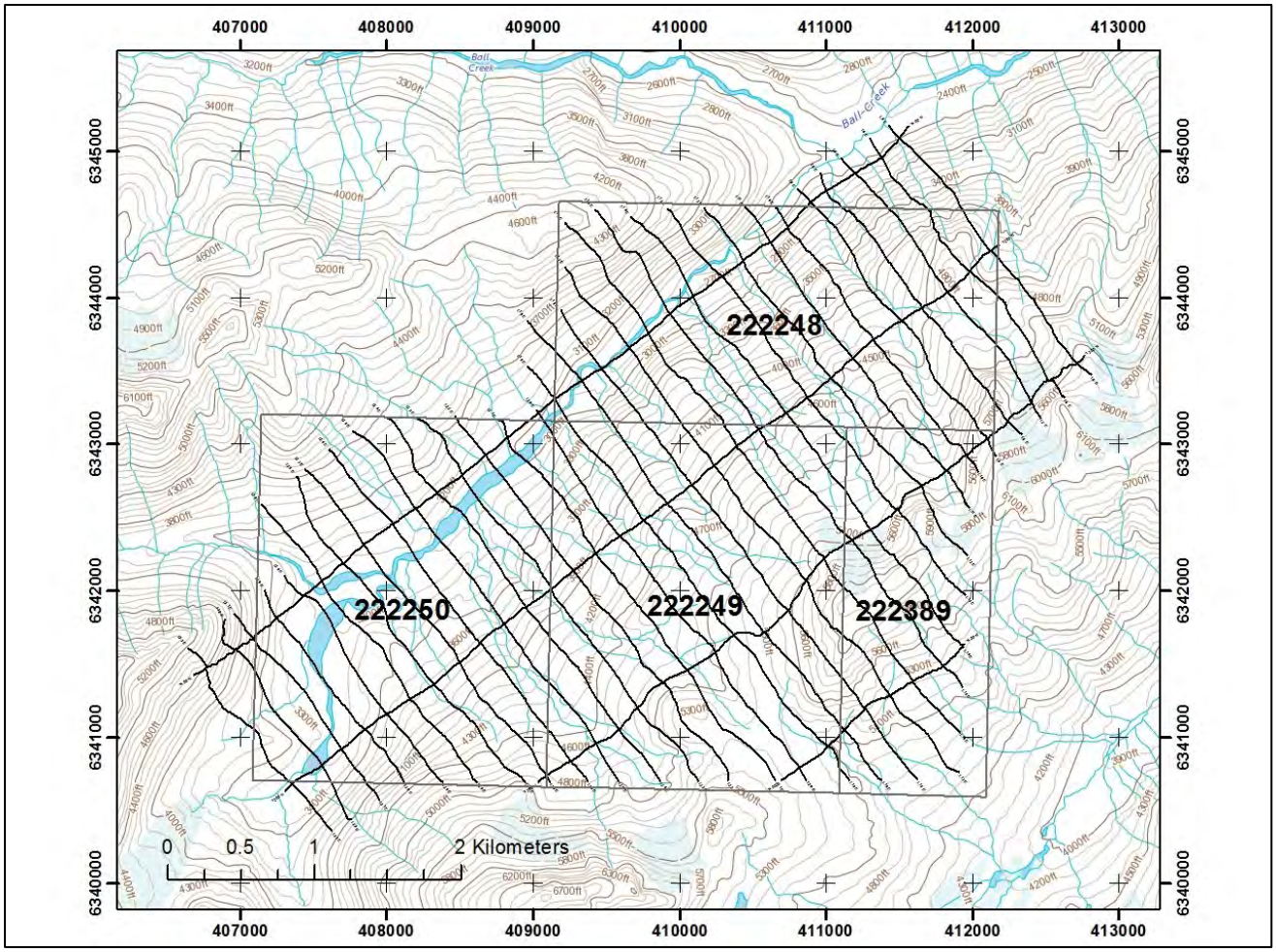

Figure 7. Magnetic Survey Flight Lines (from Walcott, 2014).

The core, rock and soil samples were transported by company vehicle to the Acme Labs preparation facility in Smithers, BC. Sample pulps were then forwarded to the Acme lab in Vancouver for analysis. Core and rock samples were crushed and split and a 500 g sub-sample was pulverised to -80 mesh (Method PRP70-500). Soil samples were dried and then a 100 g split was sieved to -80 mesh (Method SS80). All samples were then subjected to 30 g fire assay with AAS finish (Method FA430). A 0.5 g split was digested in aqua regia and analyzed by ICP-MS or ICP-ES for 36 elements (Method AQ200 or AQ370).

Rock sampling was confined to the area in and around the 200 and 440 pit area to understand the style and tenor of gold mineralization. A variety of outcrop grab, float grab, and composite chip samples were collected. In addition, three samples of previously split core were collected from historic drill holes 90-1, 90-3 and 90-5. Rock, TerraSpec and soil sample locations are shown on Plate 8. Values for Au in rocks in the Pit 200 and 440 area are shown on Figure 8.

Soil sampling was designed to fill in gaps in previous sampling such as the slope north of Hank Creek, and the southeast draining slopes east and south of Felsite Hill. The 2014 soil lines

generally run NW-SE, although some soil sample lines followed ridges or contours. The historic sample spacing is generally 50 m on lines spaced 200 m. 2014 sample spacing was 50 m on lines roughly 200 to 400 m apart. Graduated symbol plots for Au for 2014 and historic soil samples are compiled on Plate 9.

Merged tables of rock and core sample and locations, descriptions and analytical results for key elements are included in Appendix B. Merged tables of soil results are included in Appendix C. Analytical certificates for all samples are included in Appendix D. In addition, a disk is included which includes the same sample information in excel format.

TerraSpec SWIR analysis

A total of 373 rock samples were collected for SWIR spectrometry, which has been demonstrated to be a useful tool for mapping alteration minerals, in particular clays. The sampling program was laid out to get a broad spatial and elevation coverage across the property, and to cover most of the mapped rock types and alteration zones. A total of 369 samples were taken along 11 irregularly spaced NW-SE lines (Plate 8) with samples taken at 50 metre intervals. The samples were analyzed on a TerraSpec shortwave infrared (SWIR) spectral analyzer at the Mineral Deposit Research Unit, University of British Columbia in Vancouver, BC. The result of the analysis is two to four mineral identifications for each sample, which are included in tabular form in Appendix E.

To aid in interpretation of vertical and lateral alteration patterns, mineral maps were prepared for the following key alteration mineral groups; kaolinite-halyosite-dickite (Plate 10), alunite (Plate 11), montmorillonite-nontronite (Plate 12), illite (Plate 13), muscovite-paragonite-phengite (Plate 14), and chlorite (Plate 15). Finally, the distributions of these six key mineral assemblages were compiled on Plate 16.

It should be noted that several other minerals were identified in the TerraSpec analyses, however, their distribution was either too limited for meaningful interpretation (e.g. opal, brucite, Fe tourmaline, gibbsite, gypsum, palygorskite, prehnite, riebeckite, zoisite), or their distribution was scattered or widespread with no recognizable patterns (e.g. carbonates, epidote). Some other analyses returned no mineral species identification (e.g. null, aspectral, dark, dry/vegetation, wood).

8) RESULTS OF 2014 WORK

Magnetic Survey

The magnetic survey is useful in helping to map lithologies, alteration and structures. Several interesting patterns are evident on Plate 7, the compilation of Total Magnetic Intensity with magnetic lineaments and geological features.

Magnetic relief in the claim group is approximately 1000 nanoteslas. The highest magnetic intensity domains predominantly overlie rock unit 2a (Stuhini Group basaltic flows, sills and breccias) in the SE corner of the claim block, although less pronounced highs are also associated with Unit 1d (Stuhini andesitic flows) in the western part of the claims, and near the 200 and 440 pit showings. A series of strong magnetic low domains form a step-wise or piano-key pattern in a SW-NE direction, and are partially coincident with the Upper and Lower Alteration Zones (LAZ and UAZ) and the Goat Peak intrusion (Unit B). These lows are suggestive of destruction of primary magnetite in the sericite-pyrite-carbonate-altered LAZ and UAZ. A series of weaker magnetic lows are coincident with the mapped extent of the quartz-clay-pyrite altered Bald Bluff intrusion (Unit A), the Felsite Hill quartz-clay+/-pyrite alteration zone, and to a lesser extent, the Flats zone quartz-sericite +/-pyrite zone.

In terms of lineaments, a strong set of NW-SE (145-325) linears is evident. Although sub-parallel with the survey flight lines, these lineaments appear real as they offset the step-wise magnetic lows described above. Other less well-developed lineament sets are evident 020, 040 and 080 degrees (Plate 7).

The 200 and 440 pit zones occur on the flank of a magnetic high that is mapped as a block of relatively unaltered mafic volcanic of unit 1d (“Camp Peak”). Directly to the south east of the mineralized zones is a moderate low, which overlies the UAZ and Felsite Hill. Two strong NW (145) lineaments are present on either side of the two mineralized zones, and may represent parallel faults. The south western lineament is coincident with a fault that appears to bound the SW side of the 200 pit zone, based on drill data (See Lac Section 140). A dextral sense of motion is suggested by the offset of the magnetic domains, and wrench or pull-apart extensional zones between the lineaments/faults may control mineralization here.

The Creek 5 and Creek 9 mineralized zones in the LAZ occur on the NW flank of a NE trending magnetic low which roughly follows the LAZ. Several NW (145) lineaments also cross the LAZ at or near these mineralized zones (Plate 7).

Rock Samples

The rock sampling, although limited to just 24 prospecting samples and 3 samples of historic core, was successful in confirming the presence of gold, silver and pathfinder elements in outcrop, subcrop and float in the immediate vicinity of the 200 and 440 pit areas (Figure 8, Appendix B).

Five of the 27 samples have greater than 1 ppm Au, with a maximum value of 83.5 ppm in sample #2638657, an outcrop grab of a 20 cm wide quartz-calcite vein. This sample also has 135 ppm Ag and weakly anomalous As, Ca, Mn and Sb values.

The best chip sample is #2638551, a 3 m composite chip which assayed 25.2 g/t Au. The sample was taken over a 3 m width of a white, grey and black banded calcite vein exposed in Creek 7 within the 440 pit zone (Photo 2). It contains only 3.1 ppm Ag but is weakly anomalous in As and strongly anomalous in Mn.

Photo 3 shows a typical manganese-stained, finely white and grey-banded calcite vein with trace very fine-grained sulphides. The vein appears to trend 150 degrees with a moderate west dip. Sample 2638552, a 1 m by 1 m composite outcrop chip, assayed 0.939 ppm Au, 66 ppm Ag, with anomalous Cu, Mn, Sb and Zn.

Three composite chip samples of altered volcanics with no obvious veining returned anomalous Au values (0.11, 0.64 and 0.559 ppm). These were 25 m, 3.6 m, and 4.0 m composite chips collected within the 200 pit zone. The latter two samples (#2638555 and 57) are comprised of punky, orange clay-sericite-carbonate(?) altered rock in the hangingwall and footwall respectively, of a 1.6 m wide banded calcite vein that assayed 0.719 ppm Au. These samples confirm that broad but weak gold mineralization is present in altered rocks adjacent to the more obvious banded calcite veins.

The highest Ag value in rock is 303 ppm Ag in sample #2638654, a 5 cm grey-white quartz-calcite vein with disseminated pyrite. It also has 1.061 ppm Au and anomalous Cu, Hg, Pb, Sb and Zn values.

Although the number of samples collected in 2014 is admittedly very small, there appears to be only a weak correlation of Au with Ag, As, Cu, Sb, Hg or base metals. Previous work by Lac suggested that Pb and Zn were correlated with Au.

Photo 2. White, grey and black-banded calcite vein in Creek 7. Sample #2638551, a 3.0 m composite chip across the vein, assayed 25.2 ppm Au.

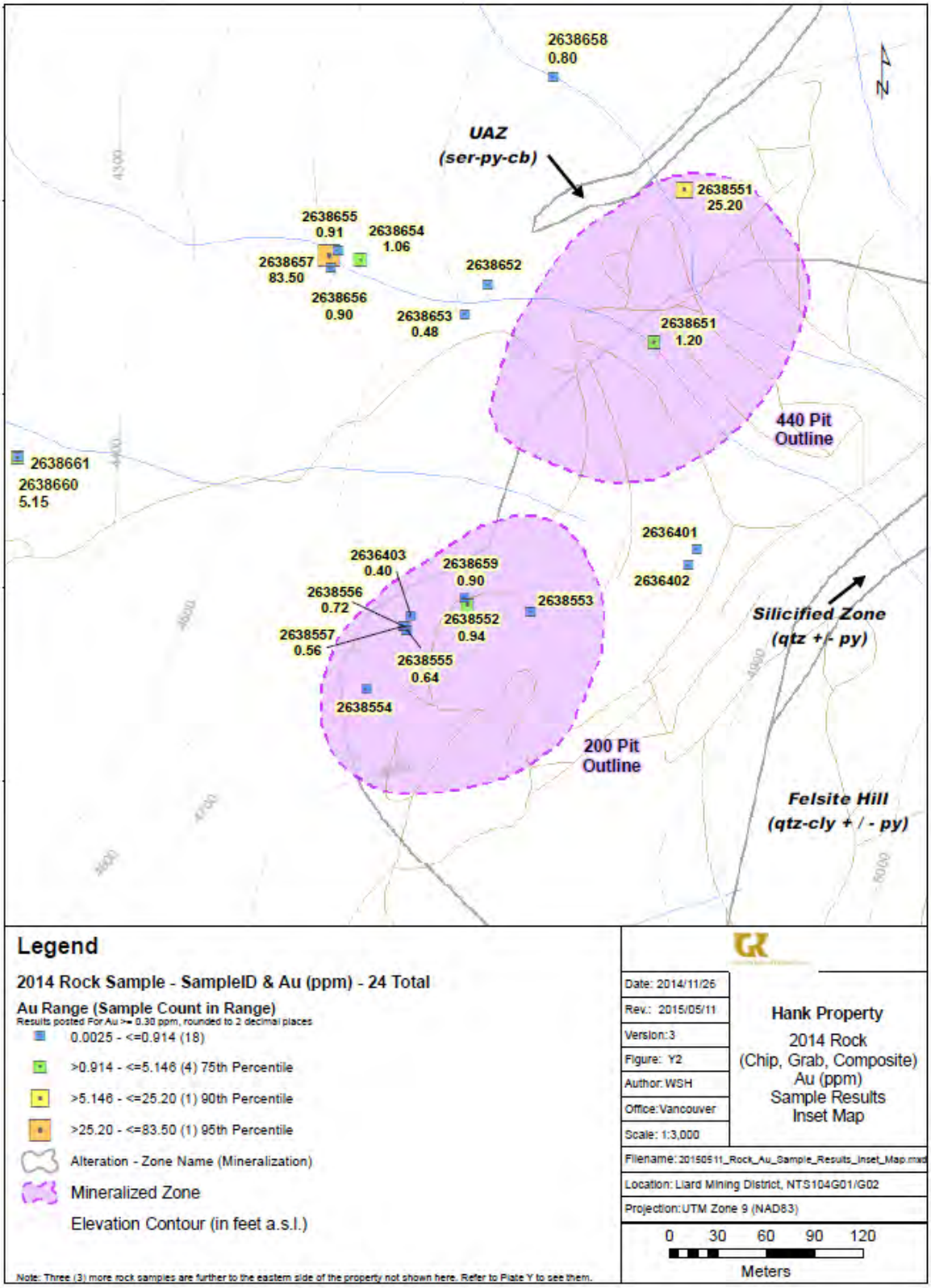

Figure 8. Rock Sample Location Map for Pit 200 and 440 Area (with Au in ppm for selected samples).

Photo 3. White and grey banded calcite vein, which assayed 0.939 ppm Au, 66 ppm Ag with anomalous Cu, Mn, Sb and Zn.

Soil Samples

The 2014 soil samples were mainly collected on the periphery of the property, away from the known mineralized areas, however, some were specifically collected to expand historic, open-ended soil anomalies (Plate 9). The 2014 samples returned Au assays of up to 1241 ppb Au, 3.4 ppm Ag, 2221.7 ppm As and 1712 ppm Zn. These maximum values are lower than the historical Lac highs, but this is to be expected given they were collected on out-lying parts of the property, in an attempt to locate new mineralization.

The gold values of the 2014 (n=259) and historic Lac (n=1033) soil samples are plotted together on Plate 9 using distinctive symbol shapes for the two populations. However, for the purpose of calculating percentiles, the two populations were combined together, resulting in the following percentile breaks.

Percentile	Number of Samples	Au (ppb)
<75th	964	<125
75 - 90th	197	125 - 310
90 - 95th	66	310 - 575
95 - 98th	39	575 - 1200
98 – 100th	26	1200 – 7180
Total	*1292*	

The 2014 soil sampling demonstrated anomalous Au values in several key new areas or extensions to previously known targets. The key anomalies for follow-up are shown Plate 9 and are described as follows:

Anomaly 2014-1 is located southeast of and on the edge of the Felsite Hill silica-clay-pyrite alteration zone (920 and 460 ppb on lines 400 m apart), which is interpreted to be a barren cap. These anomalies may represent the extension of mineralization under the clay cap.

Anomaly 2014-2 is located east of Creek 14 on the far north eastern part of the property. Two samples assayed 1240 and 1020 ppb Au, approximately 300 m east of a historic sample in Creek 14 with 1450 ppb Au. This anomaly now extends for approximately 500 by 150 m and is open to the northeast. Additional soil sampling and prospecting is required in this area.

Anomaly 2014-3 is located north of Hank Creek, on a steep slope that has not been previously sampled. One sample assayed 1020 ppb Au and several others assayed 100 to 200 ppb. Additional sampling and prospecting is required.

Also evident on Plate 9 is the very strong historic 1200 m by 500 m wide Au-in-soil anomaly trending WNW and downhill from the top of Creeks 4-7 in the 200 and 440 pits area, through the "Creek 5 A-D zones" to the mouths of Creeks 4-6 at Hank Creek. Values range from 110 to 7180 ppb Au within this anomaly, with 20 samples >1200 ppb Au. The anomaly trends generally down-hill but is at a slight angle to the fall-line. It may be partially caused by downhill dispersion of mineralized float, however, it may also be partially caused by a poorly understood WNW geological structure.

SWIR (TerraSpec) Analysis

The TerraSpec (SWIR) compilation map (Plate 16) shows a pronounced kaolinite-hallyosite-dickite (KHD clay) alteration domain over Felsite Hill, and extending in a SW direction to surround Bald Bluff (no samples) and then towards Rojo Chico. Notably, this KHD clay zone does not cover the 200 and 440 pit zones, which are at a lower elevation (i.e. beneath the KHD clay). Several other sub-parallel, irregular KHD domains occur to the NW and SE but do not appear related to know mineralization.

Two small patches of alunite alteration are also present within the KHD domain at Felsite Hill, but are peripheral to the 200 and 440 pit zones. The KHD clay and alunite assemblages are indicative of a shallow-level, low-temperature advanced argillic alteration blanket in a gold-mineralized, low-sulphidation epithermal system. The presence of a silica-clay horizon at the Silicified zone directly beneath the Felsite Hill clay zone is additional evidence for a shallow epithermal system.

The 200 and 440 pit zones are coincident with a narrow band of monmorillonite-nontronite (MN) alteration (smectite group minerals), which partially flanks the Felsite Hill KHD alteration. Other linear MN alteration zones occur to the SE of Felsite Hill and near the Flats zone. Smectite group minerals are indicative of a slightly warmer, deeper level of an epithermal system.

The 200 and 440 pit zones are also within much broader illite zone and on the margin of a broad chlorite alteration zone, which is to the north and down hill. illite and chlorite are suggestive of a slightly deeper level in an epithermal system.

The Creek 5 and Creek 8 mineralized zones are within a NE-trending linear muscovite-paragonite-phengite (MPP) alteration zone which is partially coincident with the previously mapped LAZ. The MPP alteration also falls within a much larger Illite zone. The presence of these MPP mica minerals suggests a deeper, slightly higher temperature part of the hydrothermal system.

The montmorillonite-illite alteration zone that hosts the 200 and 440 pit mineralization wraps around Felsite Hill and extend to the SW towards Bald Bluff, Rojo Chico and the Flats zone, where little or no drilling has been completed.

To summarize, the most significant mineralization found to date on the property is at the 200 and 440 pits area. The TerraSpec data suggests that this mineralization formed in a montmorrilonite-nontronite (smectite-group) and illite stable alteration environment beneath and/or outboard of a high-level clay cap (kaolinite-hallyosite-dickite and alunite) and above the deeper levels where muscovite and chlorite are stable.

Based on cross sections, the 200-440 pit mineralization appears to be hosted in a tabular zone dipping SE beneath Felsite Hill (Figure 11). The new TerraSpec SWIR mineral data and previous geological mapping by Kaip and others suggests that Felsite Hill is the centre or "throat" of the epithermal system. The alteration pattern appears similar to the zoning models of Corbett and Leach, 1998 (Figure 9), and Corbett, 2013 (Figure 10). In addition, the clay alteration cap and hydrothermal system may extend to the SW in the direction of Bald Bluff and Rojo Chico.

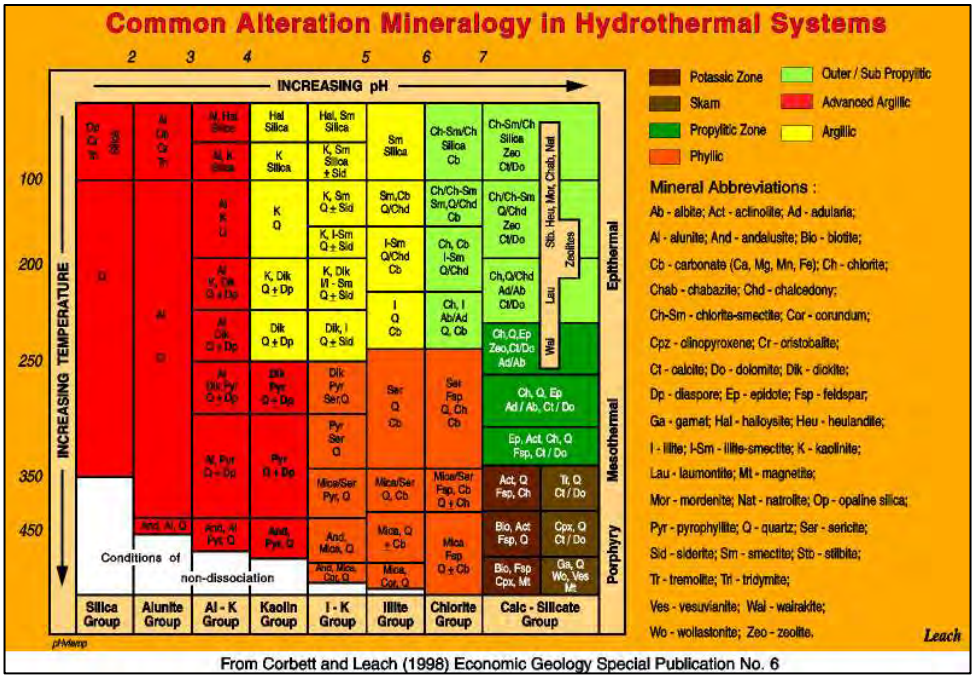

Figure 9. Common Alteration Mineralogy in Hydrothermal Systems (from Corbett and Leach, 1998).

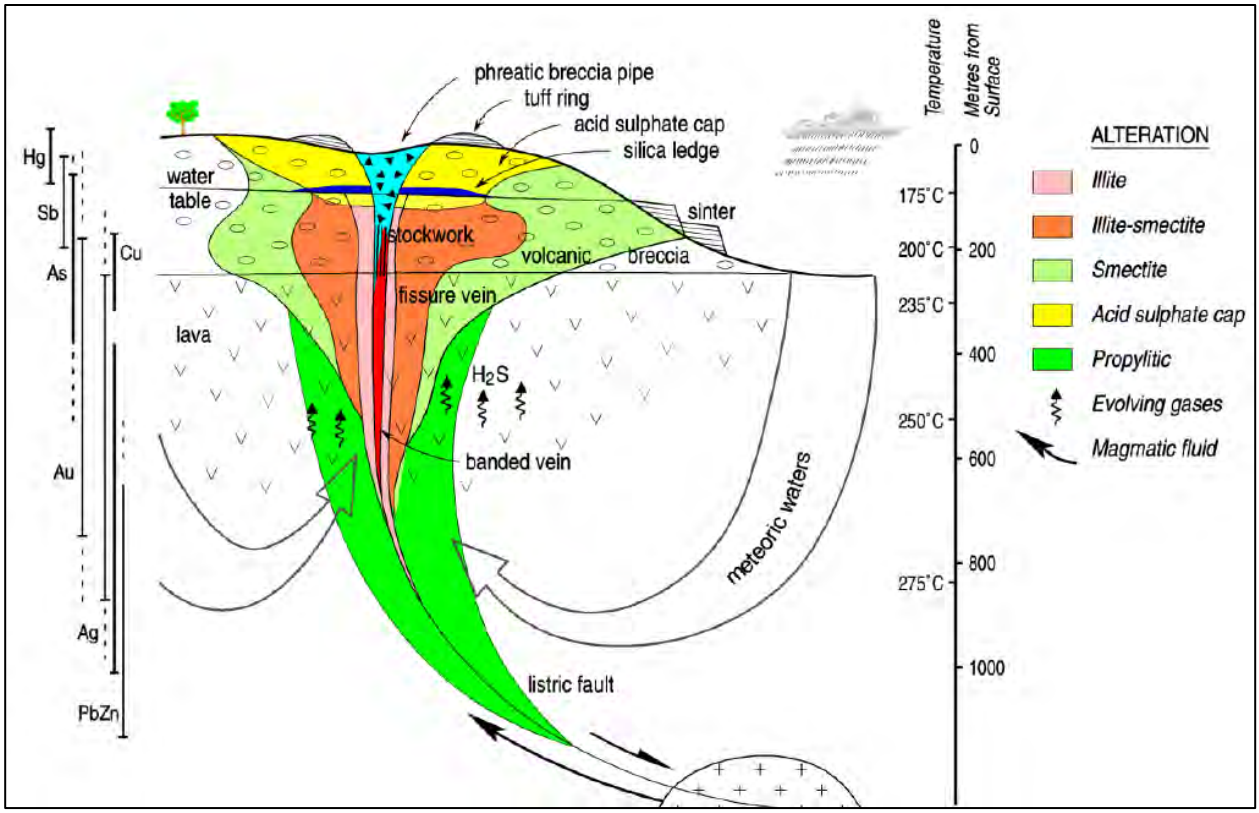

Figure 10. Model illustrating zonation of clay alteration, metals and ore type typical of banded chalcedony-ginguro epithermal Au-Ag veins (from Corbett, 2013).

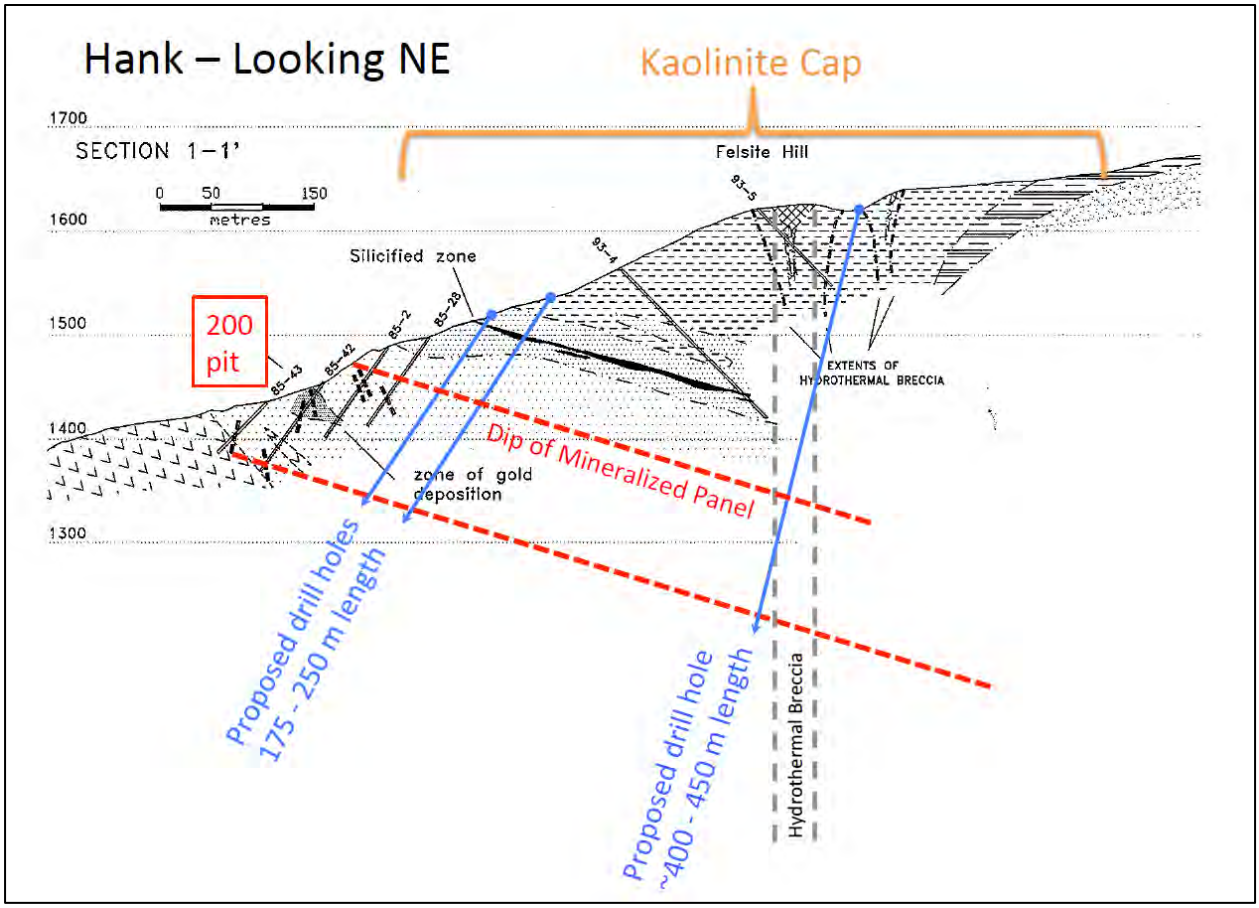

Figure 11. Hank Section 1-1', looking NE, showing proposed drill holes down-dip of 200 pit zone and under Felsite Hill (modified after Gaunt and Kaip, 1993).

9) CONCLUSIONS AND RECOMMENDATIONS

The Hank property hosts a small historic resource of low sulphidation epithermal gold mineralization. Based on the vein mineralogy, alteration and other characteristics, the mineralization fits in the "Carbonate – Base-Metal – Au" epithermal class of deposits, which includes important deposits in the circum-Pacific region such as parts of Porgera, Mt. Kare, Kelian, Victoria-Lepanto and others.

Historic drilling by Lac Minerals and Homestake has encountered both high-grade gold mineralized zones in calcite-quartz-sulphide veins (e.g. 9.14 m grading 13.4 g/t Au and 132.3 g/t in DDH 88-4 in the LAZ) and broad zones of lower grade mineralization (e.g. 30.48 m grading 3.74 g/t Au in DDH 85-45 in the 200 pit area, and 120 m grading 390 ppb Au in DDH 87-8 in the Flats zone).

The Lac work led to the delineation of "indicated reserves (open pit material)" of 226,775 tonnes grading 4.4 g/t Au in the South zone and 226,775 tonnes grading 2.3 g/t Au in the North Zone (Lac Minerals Ltd. Prospectus 1987, as quoted in BC MINFILE 104G 107). Alternatively, McPherson (1993; quoting Collins 1990) reported a "drill indicated geologic resource" of 245,000 tonnes grading 4.0 g/t Au in the "200 pit" (South zone) and 218,000 tonnes grading 2.0 g/t Au in the "440 pit" (North zone). **It should be noted these estimations precede National Instrument 43-101, are repeated for historical reference only, are not current, and are not to be relied upon. A Qualified Person has not done sufficient work to classify the historic estimate as mineral resources or reserves, and Golden Ridge is not treating the historic estimate as a current estimate. Nevertheless, the historic estimates were completed by competent individuals to the standard of the day, and are considered to be relevant to future exploration of the property**.

Limited rock sampling at the 200 and 440 pits area in 2014 was successful in confirming the presence of both high-grade veins (e.g. 20 cm grading 83.5 ppm Au, and 3.0 m grading 25.2 ppm Au) and low-grade disseminated-style mineralization at Hank. In addition, extension of historic soil grids expanded one historic Au-in-soil anomaly, and identified two new anomalies. Additional follow-up prospecting and soil sampling is recommended in these three areas.

The magnetic survey provides useful information that will help map lithologies, alteration and structures that are associated with mineralization. Two strong NW (145 degree) lineaments are present on either side of the 200 and 440 pit zones, and may represent parallel faults bounding the 200 and 440 pit zones. Additional geological and magnetic interpretation is recommended to better understand the controls on the location of these prospects.

The TerraSpec mineral identification work has led to a better understanding of the distribution of alteration minerals, and the zoning of the alteration system. The main zone of mineralization in the 200 and 440 pit zones is hosted by a mixed smectite group (montmorrilonite-nontronite) and illite stable alteration environment beneath and/or outboard of a high-level clay cap (kaolinite-hallyosite-dickite and alunite) centred on Felsite Hill. The 200-440 pit zone also sits elevationally higher than vein-hosted mineralization in the LAZ, which are hosted by a deeper level assemblage of muscovite and chlorite. Felsite Hill appears to represent the centre or throat of the epithermal

system, which may extend to the SE towards Bald Bluff and Rojo Chico. Additional TerraSpec work is recommended on the property, to further refine the distribution of alteration minerals and help trace the gold zones. If possible, drill core should be sampled as well, to gain a better understanding of the vertical distribution of the alteration.

Despite locally very high grades and impressive drill intersections, the known mineralization in the LAZ appears to lack continuity according to the previous work by Lac. A careful review of cross sections should be done to confirm this assertion, and to determine if additional drilling is warranted.

A potential target in the UAZ has been estimated by determining the volume and mass of a panel of rock down dip of the historic resource. Using an assumed dip length of 500 metres, strike length of 500 m, specific gravity of 2.6 g/cc, and an average grade of 3 g/t, this panel would have a potential for about 13 million tonnes or 39 million grams gold (1.3 million ounces). **This is a target only and the potential grade and tonnage is conceptual in nature. There has been insufficient exploration to define a resource and it is uncertain if further exploration will result in the target being delineated as a mineral resource.**

Although a conceptual target, the best bet for a bonanza-style epithermal discovery is beneath Felsite Hill, where the dipping UAZ (200-440 pits) mineralized panel intersects a postulated steep feeder vent which is marked by a breccia zone at the top of the hill (Turna, 1988, 1989). Further evidence for a feeder vent structure in this area is the presence of a SSW trending magnetic low, several intersecting magnetic lineaments, and a new Au-in-soil anomaly (Anomaly 2014-1) on the SE side of the Felsite hill clay cap. Drilling of this structural target would require holes of 450-500 m length (Figure 11). Homestake attempted to test this target in 1993 but was not successful in drilling through the overlying clay-silica alteration cap.

A two-phase $900,000 program is proposed:

Phase 1 would consist of follow-up soil sampling, TerraSpec sampling, prospecting and geological mapping to confirm targets around Felsite Hill. 1 week fly camp. 5 person crew.

Cost: $100,000

Phase 2 would include 2000 m of drilling, of which 4 200-m long holes (800 m) would test the immediate down-dip projection of the 200 pit zone with 100 m step-outs. A further 3 400-m holes (1200 m) would test the intersection of the UAZ with the feeder vent structure beneath Felsite Hill.

Cost: $800,000

Respectfully submitted,

Michael S. Cathro, MSc, PGeo
May 6, 2014

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11) COST STATEMENT

Expense Report						
Exploration Work type	**Comment**	**Hours**	**Days**			**Totals**
Personnel/ Position	**Field Days**		**Days**	**Rate**	**Subtotal***	
Oliver Geoscience International Ltd- Geological	August 4,5, 8-10		4.5	$985.00	$4,432.50	
Cazador Resources- Geologist	August 8-10	30		$95.00	$2,850.00	
Cathro Resources Corp- Geologist	August 3-12	36.5		$100.00	$3,650.00	
Mark Roden- Fieldwork/Contract Labour	August 4-6		3	$500.00	$1,500.00	
North Tracks Exploration- Fieldwork/Contract Labour	August 3-5		1.5	$500.00	$750.00	
Colorado Resources Ltd- Jan Tindle	August 4, 5, 8, 10		4	$354.90	$1,419.60	
Colorado Resources Ltd- Yvonne Thornton	August 4, 5, 8, 10		4	$350.00	$1,400.00	
Cazador Resources Ltd- Field Work/Contract Labour	August 4-10		7	$325.00	$2,275.00	
					$18,277.10	**$18,277.10**
Office Studies	**List Personnel**	**Hours**	**Days**	**Rate**	**Subtotal**	
Cazador Resources Ltd- Gelogist	August 3	4		$95.00	$380.00	
SnipGold Corp- Geologist	November		7.38	$375.00	$2,767.50	
Cazador Resources Ltd- Office Assistant	July 16-21	1.5		$30.00	$45.00	
Colorado Resources Ltd	Database Compilation/mapping				$1,708.09	
SnipGold Corp	Database Compilation/mapping				$10,923.75	
Eagle Mapping Ltd	2 Satellite Imagery				$2,332.60	
John Fleishman	Historical Data				$5,000.00	
Report Writing	Cazador Resources Ltd- Brittany Travis	7		$30.00	$210.00	
Report Writing	Cathro Resources Corp		5.75	$800.00	$4,596.00	
					$27,962.94	**$27,962.94**
Geochemistry					**Subtotal**	
ACME Analytical Laboratories (Vancouver) Ltd.					$7,606.60	
The University of British Columbia MDRU	Terra Spec				$2,314.00	
					$9,920.60	**$9,920.60**
Airborne Explorationg Surveys					**Subtotal**	
Peter E. Walcott & Associates Ltd	Airborne Mag- Mobilization, Flying 1/2 day				$1,987.50	
					$1,987.50	**$1,987.50**
Transportation			**No.**	**Rate**	**Subtotal**	
J.Greg Dawson	Freight				189.64	
Colorado Resources	Freight and Transportation				49.00	
Fireweed Helicopters	Helicopter (hrs) August 3-9		13.3	$1,200.00	$15,960.00	
Colorado Resources	Helicopter fuel 135 litres/hr x $2L (storage, transport)		13.3	135.00	$3,591.00	
					$19,789.64	**$19,789.64**
Camp Accommodation & Food	**Rates per day**					
Camp - RiversWest Adventures Ltd	$190.00 Man/Day x 31		31.00	$190.00	$5,890.00	
					$5,890.00	**$5,890.00**
Field Equipment			**No.**	**Rate**	**Subtotal**	
Colorado Resources Ltd	Tools and Consumables: sample bags, flagging, field office equipment, survival kit, hand tools, truck rentals, radios, satellite		4.0	$500.00	$2,000.00	
					$2,000.00	**$2,000.00**
Travel			**No.**	**Rate**	**Subtotal**	
Colorado Resources Ltd	Mob/Demob for Crew				$1,776.11	
					$1,776.11	**$1,776.11**
TOTAL Expenditures						**$87,603.89**

13) QUALIFICATIONS

I Michael S. Cathro PGeo do hereby certify that:

1. I am a consulting geologist and principal of Cathro Resources Corp. of 2560 Telford Place, Kamloops. British Columbia, V1S 0A3. I also serve as vice-president of Anthem Resources Inc. and Skeena Resources Limited, director of Happy Creek Minerals Ltd., and director of Geoscience BC.

2. I graduated with a BSc (Honours, Geological Sciences) from Queen's University in 1984, and an MSc in Geology from the Colorado School of Mines in 1992.

3. I have practiced my profession in excess of 30 years for various junior exploration and major mining companies, and in technical and management roles with the BC Ministry of Energy and Mines. This work has included research and exploration on metallic and industrial mineral deposits in Canada, western USA, and overseas, including epithermal gold deposits.

4. I have written numerous research papers, reports and presentations on various topics in geology and mineral deposits.

5. I am a Registered Professional Geoscientist with the Association of Professional Engineers and Geoscientists of of British Columbia and have been a member good standing since 1993 (registration # 19093).

6. I am responsible for the preparation of this report and personally supervised and participated in the field program described herein.

7. I own shares in Golden Ridge Resources Ltd. and therefore am not independent of the Company.

Michael S. Cathro
May 6, 2015

Appendix A

Logistics Report on Airborne Magnetic Surveying

A LOGISTICS REPORT

ON

AIRBORNE MAGNETIC SURVEYING

HANK PROJECT
BOB QUINN AREA, BRITISH COLUMBIA
57° 15'N, 130° 30'W
LIARD MINING DIVISION

FOR

GOLDEN RIDGE RESOURCES LTD.

KELOWNA, BRITISH COLUMBIA

BY

PETER E. WALCOTT & ASSOCIATES LIMITED

COQUITLAM, BRITISH COLUMBIA

OCTOBER 2014

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Introduction	3
Purpose	4
Property Location and Access	5
Survey Specifications	7

APPENDIX

Cost of Survey
Personnel Employed on Survey

ACCOMPANYING MAPS AND SECTIONS

Claim and Flightline Location Map	1:10,000
Contours of Total Field Intensity (nT)	1:10,000
Contours of Calculated Vertical Gradient (nT/m)	1:10,000

INTRODUCTION.

On August 3rd, 2014, Peter E. Walcott & Associates Limited undertook an airborne magnetic survey over the Hank property, located in the Iskut region of British Columbia, for Golden Ridge Resources Ltd.

The survey was flown with a towed bird magnetometer system utilizing a 206 L3 Long Ranger helicopter operated by Fireweed Helicopters Ltd.

The survey lines were orientated at 140/320 azimuth with a nominal line spacing of some 200 meters with tie lines perpendicular to the flight lines at 1000 ms. nominal spacing.

In total some 108 kilometers of airborne surveying were undertaken.

PURPOSE.

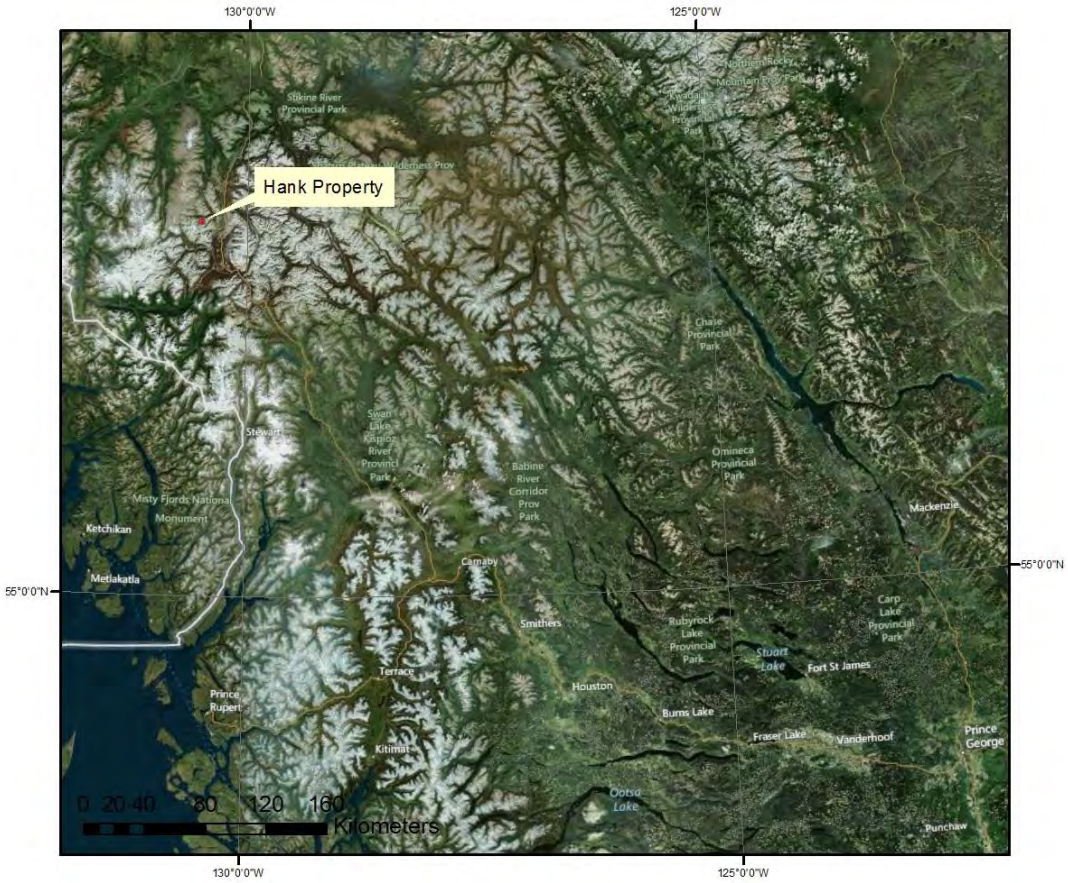
The purpose of the survey was to obtain property wide magnetic coverage in an effort to map magnetic features and delineate structures potentially associated with mineralization.

PROPERTY LOCATION AND ACCESS.

The Hank property is located in northwestern British Columbia, some 32 kilometres northwest of Bob Quinn.

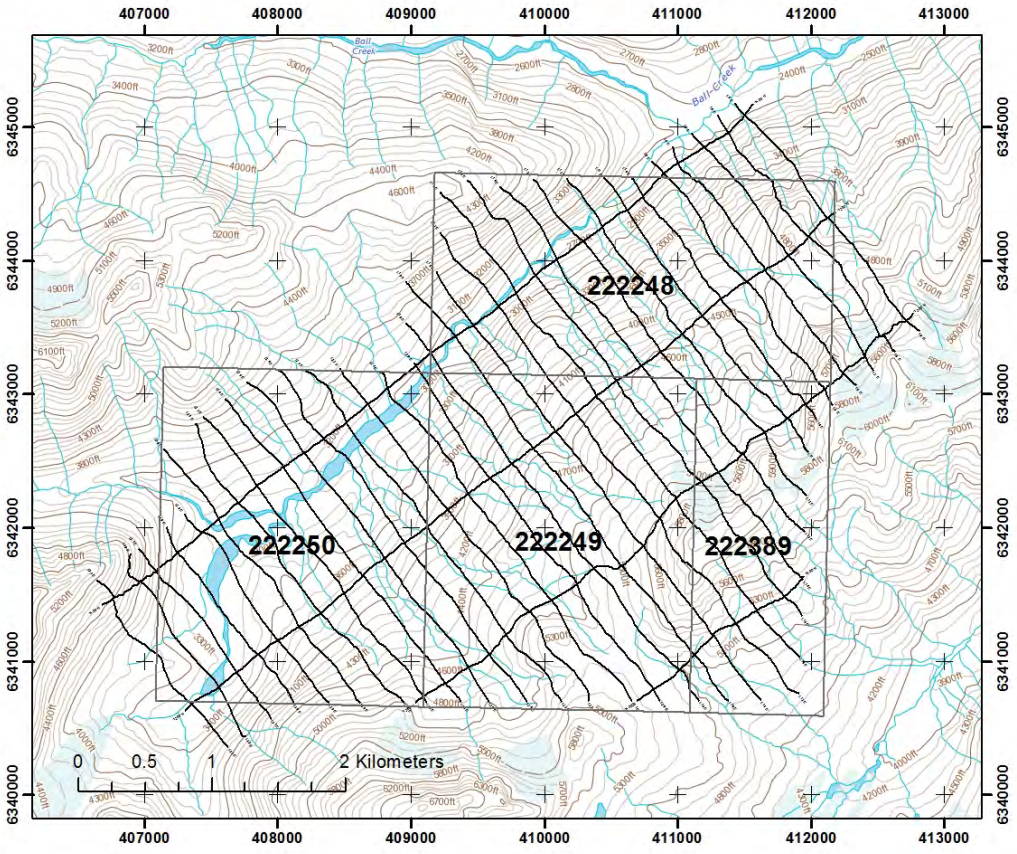
Access to the property can be obtained via helicopter from the Burrage Creek airstrip, on Highway 37 some 14 kilometers to the east, where fuel was cached for the survey.

On this survey the property was accessed by helicopter from Bronson Strip, where the crew and helicopter were based.



Property Location Map

PROPERTY LOCATION AND ACCESS con't.



Flight Line and Claim Location Map

SURVEY SPECIFICATIONS.

The Airborne Magnetic Survey.

The airborne magnetic survey was conducted using a bird type system towed on a 65' line by a Bell 206L3 helicopter.

The bird unit consists of three main components – C-824 Cesium Magnetometer manufactured by Geometrics San Jose, California, RS400 Laser Range Finder manufactured by Opti-Logic of Tullahoma, Tennessee, and a 16x GPS manufactured by Garmin International Inc. of Kansas City, Kansas.

The C-824 Cesium Magnetometer is a highly sensitive magnetic sensor capable of providing sensitivity up to 0.01 nT and sampling rates up to 1000 Hz. On this survey a sampling rate of 20 Hz was employed.

The respective components were in turn connected to the helicopter via a shielded multi-conductor cable within the tow line for power and data transmission to the logging units on the helicopter.

Flight line navigation data was obtained using an Ublox WAAS enabled GPS with a 5Hz update rate.

Data logging and navigation were carried out utilizing Geometrics MagLogPro software on a Panasonic CF-19 Toughbook computer with a secondary 7" daylight viewable pilot navigation monitor.

In addition to the airborne unit the survey also utilized two GSM 19 proton precession magnetometer manufactured by GEM Instruments of Richmond Hill, Ontario as base magnetometers. These instruments measure variations in the total intensity of the earth's magnetic field to an accuracy of plus or minus one nanotesla.

SURVEY SPECIFICATIONS cont'd

The survey coverage consisted of some 29 flight lines orientated at 140/320 azimuth. In addition to the flight lines 4 tie lines orientated at 050/230 were also flown for leveling of the data.

In total some 108 kilometres of airborne magnetic surveying was completed, with the mean bird height during the course of the survey some 40 metres.

Data Processing & Presentation

The data from the respective instruments was then loaded into Geosoft Oasis Montaj for data reduction and processing. The data was first corrected for diurnal magnetic drift, utilizing the magnetic base stations. The data was then lag corrected to account for positioning errors due to instrument delay. It was then subjected to Tie line leveling prior to gridding.

The magnetic data is presented at a scale of 1:5,000 of Total Magnetic Field Intensity.

Respectfully submitted,

PETER E. WALCOTT & ASSOCIATES LIMITED

Alexander Walcott
Geophysicist

Vancouver, B.C.
October 2014

APPENDIX

COST OF SURVEY.

Peter E. Walcott & Associates Limited undertook the survey on a daily basis with the helicopter being paid directly by Golden Ridge Resources Ltd. Mobilization and reporting were extra so that the total cost of services provided was $1987.50.

PERSONNEL EMPLOYED ON SURVEY

Name	Occupation	Address	Dates Worked
Alexander Walcott	Geophysicist	Peter E. Walcott & Associates Limited 111- 17 Fawcett Rd. Coquitlam, B.C.	August 3rd, 2014
West Luck	Pilot	Fireweed Helicopters Ltd. Mile 3 Carcoss Rd., Whitehorse, YT	"

Scale 1:10000

200 0 200 400 600

(meters)

WGS 84 / UTM zone 9N

GOLDEN RIDGE RESOURCES LTD.
AIRBORNE MAGNETIC SURVEY **CLAIM AND FLIGHTLINE LOCATION MAP**
HANK PROPERTY LIARD M.D. AUGUST 2014
PETER E. WALCOTT & ASSOCIATES LIMITED

406500 407000 407500 408000 408500 409000 409500 410000 410500 411000 411500 412000 412500 413000

6345000 6344500 6344000 6343500 6343000 6342500 6342000 6341500 6341000 6340500

57047.92
56890.98
56784.50
56712.92
56653.27
56605.64
56551.80
56505.94
56469.81
56444.87
56426.29
56409.63
56395.35
56382.87
56370.68
56358.62
56347.57
56336.72
56325.68
56313.10
56299.03
56286.51
56276.02
56266.79
56258.40
56250.27
56242.46
56233.90
56225.58
56215.61
56205.27
56196.58
56187.21
56179.26
56171.03
56158.89
56134.35
56086.54

nT

Scale 1:10000

200 0 200 400 600

(meters)

WGS 84 / UTM zone 9N

GOLDEN RIDGE RESOURCES LTD.

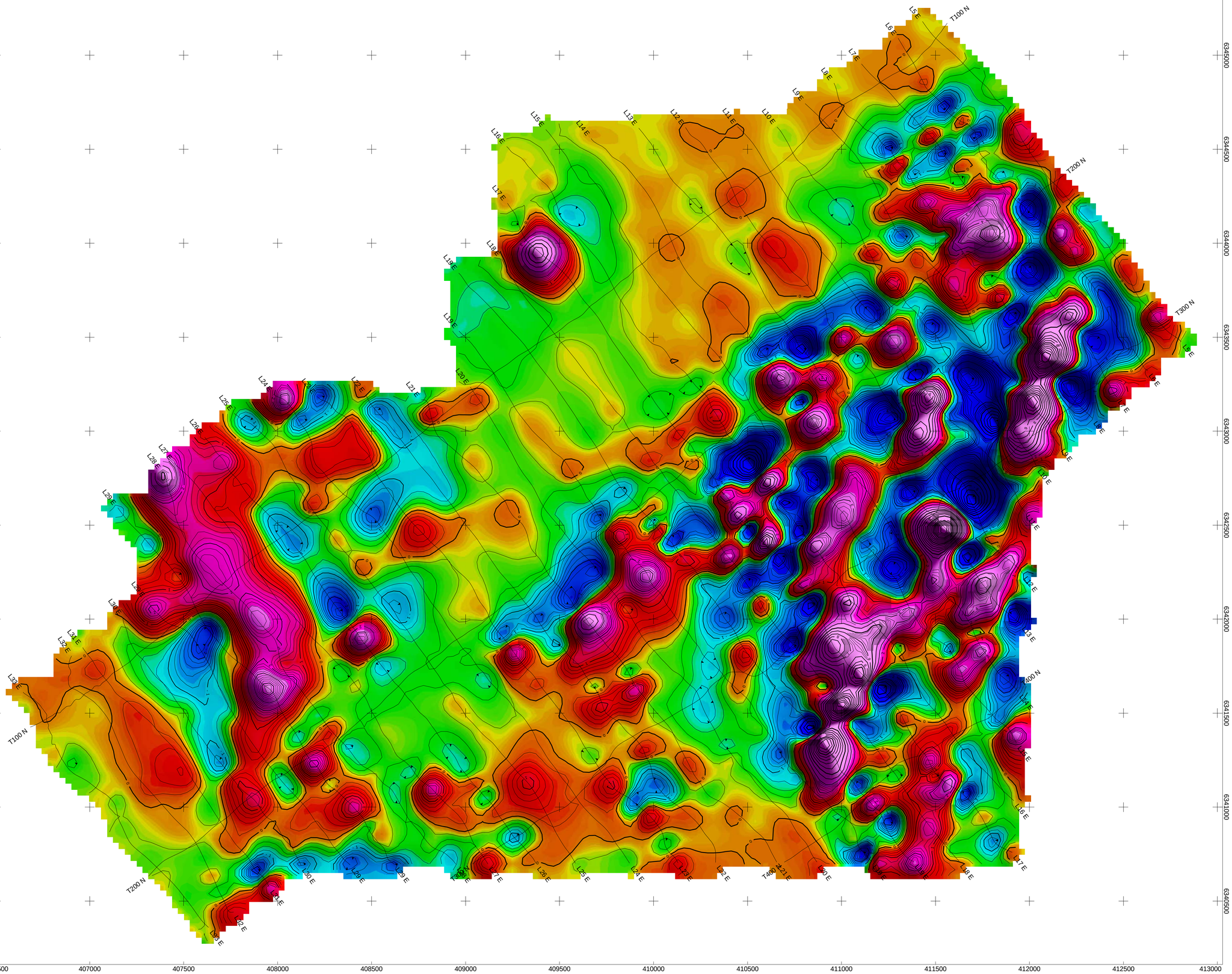
AIRBORNE MAGNETIC SURVEY
CONTOURS OF TOTAL FIELD INTENSITY (nT)

HANK PROPERTY
LIARD M.D.
AUGUST 2014

PETER E. WALCOTT & ASSOCIATES LIMITED

406500 407000 407500 408000 408500 409000 409500 410000 410500 411000 411500 412000 412500 413000

6345000 6344500 6344000 6343500 6343000 6342500 6342000 6341500 6341000 6340500



4.18
2.58
1.88
1.46
1.14
0.88
0.66
0.48
0.33
0.23
0.15
0.09
0.04
-0.00
-0.03
-0.06
-0.09
-0.11
-0.13
-0.16
-0.19
-0.21
-0.24
-0.28
-0.32
-0.36
-0.41
-0.46
-0.52
-0.59
-0.67
-0.78
-0.90
-1.05
-1.27
-1.54
-1.95
-2.62

nT/m

Scale 1:10000

200 0 200 400 600

(meters)

WGS 84 / UTM zone 9N

GOLDEN RIDGE RESOURCES LTD.

AIRBORNE MAGNETIC SURVEY
CONTOURS OF
CALCULATED VERTICAL GRADIENT (nT/M)

HANK PROPERTY
LIARD M.D.
AUGUST 2014

PETER E. WALCOTT & ASSOCIATES LIMITED

Appendix B

Rock and core sample descriptions and results for key elements

Project	Sample_Type	Lab_Tag	UTM_E	UTM_N	Elevation	UTM_Zone	Sampler	Date	Year	Lithology	Mineralization	Structure	Strike	Sample_Width_m	Description	Certificate	Au_ppb	Ag_ppm	As_ppm	Cu_ppm	Pb_ppm	Zn_ppm
Hank	Grab	2638651	410076	6342240	1461	Zone 9N	MR	05-Aug-14	2014	Quartz					qzt./carb calcite vein float train over 10 m banded grey white minor pyr blebs	SMI14000464	1196	1.3	76.8	11.3	1.4	6
Hank	Grab	2638652	409972	6342275	1431	Zone 9N	MR	05-Aug-14	2014	Quartz		Vein			small qzt vein grey white des pyr 5 cm wide expose in creek for 1 m	SMI14000464	246	3.3	449.5	24.0	21.3	58
Hank	Grab	2638653	409958	6342257	1427	Zone 9N	MR	05-Aug-14	2014	Quartz					qzt./carb calcite vein float train over 10 m banded grey white minor pyr blebs	SMI14000464	478	1.6	10.5	9.7	1.0	2
Hank	Grab	2638654	409894	6342291	1400	Zone 9N	MR	05-Aug-14	2014	Quartz		Vein			small qzt vein grey white des pyr 5 cm wide expose in creek for 1 m	SMI14000464	1061	303.0	117.2	632.8	2399.2	3456
Hank	Chip	2638655	409879	6342296	1395	Zone 9N	MR	05-Aug-14	2014	Quartz	Pyrite	Vein			qzt carb breccia calsite serisite des pyr vein 80 cm wide exposed 20 m	SMI14000464	914	33.9	303.9	48.1	91.2	86
Hank	Chip	2638656	409875	6342286	1400	Zone 9N	MR	05-Aug-14	2014						as above	SMI14000464	905	7.8	195.4	10.0	22.6	94
Hank	Grab	2638657	409874	6342293	1387	Zone 9N	MR	05-Aug-14	2014	Quartz					small qzt vein grey white des pyr 20 cm wide expose in creek for 2 m	SMI14000464	83500	135.0	221.1	459.2	39.8	50
Hank	Grab	2638658	410013	6342404	1414	Zone 9N	MR	05-Aug-14	2014		Pyrite				dark black matrix arg? Caalcite 5% des pyr.	SMI14000464	805	5.8	381.9	14.6	27.8	158
Hank	Grab	2638659	409958	6342081	1460	Zone 9N	MR	05-Aug-14	2014	Quartz					qzt./carb calcite vein float train over 10 m banded grey white chocolate brown minor pyr blebs	SMI14000464	896	43.1	52.0	218.4	53.5	143
Hank	Grab	2638660	409682	6342168	1331.85	Zone 9N	AT	08-Aug-14	2014	Quartz		Vein			Qtz-carb vein float 30 x 40cm	SMI14000475	5146	1.6	2238.5	46.2	8.7	23
Hank	Chip	2638551	410094	6342334		Zone 9N	MC	04-Aug-14	2014	Siltstone	Pyrite			3	3 m composite chip , Cal vn; banded and brecciated with dark grey siltstone or tuff fragments with 3-5% py; well banded with grey-black bands of Mn stain +/- fvx sulphides; tr gn & sph; 020/90; note vein zone is wider - this sample is best part in creek	SMI14000464	25200	3.1	256.9	18.2	6.8	39
Hank	Chip	2638552	409960	6342077		Zone 9N	MC	05-Aug-14	2014				150	1	1 m x 1 m composite chip , Cal vn; banded white and grey; Mn stained or vfx sulphide; appears to strike 150/mod W dip	SMI14000464	939	66.0	80.0	218.1	94.0	563
Hank	Chip	2638553	409999	6342072		Zone 9N	MC	05-Aug-14	2014					25	25 m comp chip , brown; carb and clay alt'd andesitic agglomerate & tuff; <1% cal vns @ 160/50E and stockwork	SMI14000464	110	0.2	46.9	22.1	4.9	59
Hank	Chip	2638554	409897	6342024		Zone 9N	MC	05-Aug-14	2014					8	8 m comp chip , green-brown plag-phyric agglomerate/tuff; soft - clay and carb alt'd; lumpy - looks like fragmental; pink cast may be kspar or hem	SMI14000464	3	0.1	14.3	21.2	3.5	74
Hank	Chip	2638555	409922	6342061		Zone 9N	MC	05-Aug-14	2014					3.6	3.6 m continuous chip , punky orange-stained alt'd tuff?; FeOx-clay-ser-carb alt'n?; in HW of cal vn (next sample)	SMI14000464	640	4.3	515.9	61.3	16.2	102
Hank	Chip	2638556	409921	6342063		Zone 9N	MC	05-Aug-14	2014					1.6	1.6 m cont chip , banded cal vn; trace-2% dissem py; trace cpy; 020/steep?; small outcrop ~10 m N of here but vein appears faulted away at ends	SMI14000464	719	7.9	77.7	203.1	30.2	41
Hank	Chip	2638557	409920	6342063		Zone 9N	MC	05-Aug-14	2014					4	4.0 m comp chip , orange and white punky clay and carb alt'd gouge; in FW of vein (prev sample); this alt'n continues further downhill to NW	SMI14000464	559	7.2	811.5	43.9	21.1	52
Hank	Chip	2638560	412075	6342902		Zone 9N	MC	05-Aug-14	2014					1	1 m comp chip , brown carb alt'd tuff?; 1% cal vns	SMI14000475	51	0.1	7.4	103.5	2.6	75
Hank	Chip	2638561	411969	6342567		Zone 9N	MC	05-Aug-14	2014					1.5	1.5 m cont chip , sandy and clay gouge zone; orange and pale green; 180/90 fault cutting dark green to black fresh basalt	SMI14000475	3	0.1	17.7	22.4	15.7	22
Hank	Chip	2638562	411901	6342319		Zone 9N	MC	05-Aug-14	2014					3	3 m composite chip , sil-clay rock; trace py; probably plag phyric andesite	SMI14000475	3	0.1	80.6	4.5	5.1	5
Hank	Grab	2638661	409682	6342168	1331.85	Zone 9N	AT	09-Aug-14	2014							SMI14000475	198	0.9	460.1	5.0	5.4	9
Hank	Chip	2636401	410101.9	6342111	1471.893	Zone 9N	DC	08-Aug-14	2014	Quartz	Pyrite			0.4	Light grey white 5 cm quartz veinlets with 3% pyrite. Rust brown weathering from a NW facing slope on the north bank of a small creek.	SMI14000464	231	40.9	79.5	91.4	26.6	880
Hank	Chip	2636402	410096.4	6342101	1462.04	Zone 9N	DC	08-Aug-14	2014		Pyrite			2.5	Vertical chip. Rust orange-brown weathering, from a 3 x 4 m exposed outcrop zone in a small creek bed. Light grey with fine grained disseminated pyrite.	SMI14000464	99	1.7	90.9	23.2	10.3	71
Hank	Composite	2636403	409924.6	6342070	1443.054	Zone 9N	DC	08-Aug-14	2014	Quartz	Pyrite				1.5 x 0.5 m wide exposure. Quartz-carb vein with trace-0.5% fine grained blebs of chalcopyrite, and weak malachite, trace to 0.5 % disseminated pyrite. Exposed on west facing talus slope.	SMI14000464	400	6.5	54.2	231.1	20.1	18

Appendix C

Soil sample descriptions and results for key elements

Project	Sample_Type	Lab_Tag	UTM_E	UTM_N	Elevation	UTM_Zone	Sampler	Date	Year	Sample_Depth_cm	Soil_Horizon	Description	Certificate	Au_ppb	Ag_ppm	As_ppm	Cu_ppm	Pb_ppm	Zn_ppm
Hank	Soil	2636151	407563	6343191	1391.143	Zone 9N	YT	04-Aug-14	2014		B		SMI14000465	6	0.1	20.2	56.6	6.8	79
Hank	Soil	2636152	407600	6343159	1366.944	Zone 9N	YT	04-Aug-14	2014		B		SMI14000465	12	0.1	13.4	55.9	4.8	55
Hank	Soil	2636153	407625	6343118	1334.967	Zone 9N	YT	04-Aug-14	2014		B		SMI14000465	16	0.1	21.6	94.0	5.7	50
Hank	Soil	2636154	407665	6343090	1302.623	Zone 9N	YT	04-Aug-14	2014		B		SMI14000465	7	0.3	18.3	112.7	7.3	73
Hank	Soil	2636155	407709	6343060	1284.174	Zone 9N	YT	04-Aug-14	2014		B		SMI14000465	7	0.1	7.9	112.6	5.7	58
Hank	Soil	2636156	407746	6343033	1268.209	Zone 9N	YT	04-Aug-14	2014		B		SMI14000465	3	0.1	11.2	46.1	6.0	75
Hank	Soil	2636157	407777	6343001	1241.849	Zone 9N	YT	04-Aug-14	2014		B		SMI14000465	5	0.2	7.3	40.3	8.2	83
Hank	Soil	2636158	407798	6342956	1220.909	Zone 9N	YT	04-Aug-14	2014		B		SMI14000465	3	0.4	8.6	55.5	6.2	53
Hank	Soil	2636159	407837	6342930	1200.339	Zone 9N	YT	04-Aug-14	2014		B		SMI14000465	6	0.2	8.6	55.1	8.0	83
Hank	Soil	2636160	407878	6342900	1183.031	Zone 9N	YT	04-Aug-14	2014		B		SMI14000465	3	0.2	9.6	44.2	8.5	48
Hank	Soil	2636161	407917	6342874	1160.357	Zone 9N	YT	04-Aug-14	2014		B		SMI14000465	3	0.4	5.5	30.9	5.4	35
Hank	Soil	2636162	407946	6342827	1142.801	Zone 9N	YT	04-Aug-14	2014		B		SMI14000465	3	0.3	7.6	37.6	10.1	45
Hank	Soil	2636163	407982	6342801	1127.401	Zone 9N	YT	04-Aug-14	2014		B		SMI14000465	3	0.2	7.0	34.7	8.2	55
Hank	Soil	2636164	408021	6342766	1107.208	Zone 9N	YT	04-Aug-14	2014		B		SMI14000465	3	0.4	8.0	32.5	8.1	55
Hank	Soil	2636165	408052	6342721	1085.994	Zone 9N	YT	04-Aug-14	2014		B		SMI14000465	3	0.1	7.8	56.1	6.0	63
Hank	Soil	2636166	408084	6342686	1069.017	Zone 9N	YT	04-Aug-14	2014		B		SMI14000465	3	0.2	6.1	51.4	5.9	81
Hank	Soil	2636167	408109	6342636	1052.978	Zone 9N	YT	04-Aug-14	2014		B		SMI14000465	3	0.2	8.7	42.5	7.5	70
Hank	Soil	2636168	408146	6342590	1041.891	Zone 9N	YT	04-Aug-14	2014		B		SMI14000465	3	0.2	12.2	47.7	8.1	80
Hank	Soil	2636169	408183	6342552	1026.081	Zone 9N	YT	04-Aug-14	2014		B		SMI14000465	8	0.2	15.1	55.1	12.2	64
Hank	Soil	2636170	408210	6342522	1002.12	Zone 9N	YT	04-Aug-14	2014		B		SMI14000465	3	0.2	6.7	71.5	5.4	70
Hank	Soil	2636171	408243	6342478	994.3965	Zone 9N	YT	04-Aug-14	2014		B		SMI14000465	3	0.2	6.4	62.3	5.4	67
Hank	Soil	2636172	408286	6342442	987.3743	Zone 9N	YT	04-Aug-14	2014		B		SMI14000465	3	0.3	6.9	58.9	5.9	73
Hank	Soil	2636173	408323	6342412	970.7386	Zone 9N	YT	04-Aug-14	2014		B		SMI14000465	11	0.2	22.7	62.5	12.4	103
Hank	Soil	2636207	408542	6342650	955.314	Zone 9N	YT	04-Aug-14	2014		B		SMI14000465	11	0.3	10.0	48.0	7.7	98
Hank	Soil	2636208	408516	6342687	969.0266	Zone 9N	YT	04-Aug-14	2014		B		SMI14000465	3	0.2	8.7	50.4	4.8	79
Hank	Soil	2636209	408481	6342726	982.244	Zone 9N	YT	04-Aug-14	2014		B		SMI14000465	3	0.6	18.9	54.0	10.7	174
Hank	Soil	2636210	408449	6342757	1001.363	Zone 9N	YT	04-Aug-14	2014		B		SMI14000465	6	0.4	21.5	49.1	9.4	94
Hank	Soil	2636211	408423	6342789	1016.056	Zone 9N	YT	04-Aug-14	2014		B		SMI14000465	6	0.2	15.4	42.9	12.5	62
Hank	Soil	2636212	408395	6342827	1036.597	Zone 9N	YT	04-Aug-14	2014		B		SMI14000465	3	0.3	8.3	35.1	5.3	82
Hank	Soil	2636213	408351	6342854	1072.224	Zone 9N	YT	04-Aug-14	2014		B		SMI14000465	3	0.3	8.6	39.5	8.9	60
Hank	Soil	2636214	408317	6342891	1095.379	Zone 9N	YT	04-Aug-14	2014		B		SMI14000465	3	0.2	9.9	44.1	7.2	95
Hank	Soil	2636215	408286	6342930	1119.833	Zone 9N	YT	04-Aug-14	2014		B		SMI14000465	3	0.1	11.5	28.8	8.5	73
Hank	Soil	2636216	408237	6342958	1138.013	Zone 9N	YT	04-Aug-14	2014		B		SMI14000465	3	0.3	11.0	32.2	8.5	87
Hank	Soil	2636217	408203	6342989	1152.854	Zone 9N	YT	04-Aug-14	2014		B		SMI14000465	3	0.2	12.4	36.0	11.3	86
Hank	Soil	2636218	408159	6343036	1167.005	Zone 9N	YT	04-Aug-14	2014		B		SMI14000465	3	0.8	12.2	40.8	8.6	73
Hank	Soil	2636219	408126	6343083	1179.133	Zone 9N	YT	04-Aug-14	2014		B		SMI14000465	3	0.5	8.4	46.0	6.9	75
Hank	Soil	2636220	408084	6343122	1190.174	Zone 9N	YT	04-Aug-14	2014		B		SMI14000465	9	0.2	8.3	53.3	8.3	77
Hank	Soil	2636201	409713	6343856	920.6443	Zone 9N	YT	05-Aug-15	2014		B		SMI14000465	72	0.6	75.2	600.1	20.4	131
Hank	Soil	2636202	409679	6343889	950.6881	Zone 9N	YT	05-Aug-15	2014		B		SMI14000465	103	0.8	89.6	1165.0	18.0	114
Hank	Soil	2636203	409644	6343930	969.2772	Zone 9N	YT	05-Aug-15	2014		B		SMI14000465	66	1.2	63.3	230.1	56.8	309
Hank	Soil	2636204	409617	6343992	989.0716	Zone 9N	YT	05-Aug-15	2014		B		SMI14000465	111	1.0	122.6	971.3	19.2	134
Hank	Soil	2636205	409564	6343988	1014.582	Zone 9N	YT	05-Aug-15	2014		B		SMI14000465	131	0.7	81.9	403.3	27.5	85
Hank	Soil	2636206	409544	6344032	1047.909	Zone 9N	YT	05-Aug-15	2014		B		SMI14000465	187	0.6	88.5	505.5	38.6	92
Hank	Soil	2636221	409514	6344069	1084.642	Zone 9N	YT	05-Aug-15	2014		B		SMI14000476	1019	0.9	51.7	687.6	27.4	54
Hank	Soil	2636222	409148	6343805	1086.68	Zone 9N	YT	05-Aug-15	2014		B		SMI14000476	33	0.5	42.5	90.7	50.6	213
Hank	Soil	2636223	409177	6343761	1055.317	Zone 9N	YT	05-Aug-15	2014		B		SMI14000476	33	1.4	86.8	98.6	176.5	288
Hank	Soil	2636224	409201	6343715	1024.759	Zone 9N	YT	05-Aug-15	2014		B		SMI14000476	18	0.4	39.3	58.6	38.0	878
Hank	Soil	2636225	409234	6343677	1018.367	Zone 9N	YT	05-Aug-15	2014		B		SMI14000476	12	0.3	36.2	66.2	51.4	1712
Hank	Soil	2636226	409271	6343638	997.7897	Zone 9N	YT	05-Aug-15	2014		B		SMI14000476	7	0.3	28.0	39.0	23.7	439
Hank	Soil	2636227	409292	6343586	980.234	Zone 9N	YT	05-Aug-15	2014		B		SMI14000476	61	0.6	32.5	73.9	24.7	232
Hank	Soil	2636228	409313	6343528	956.4895	Zone 9N	YT	05-Aug-15	2014		B		SMI14000476	31	0.6	40.8	89.0	80.4	613
Hank	Soil	2636174	407207	6342938	1356.137	Zone 9N	JT	04-Aug-14	2014		B		SMI14000465	11	0.3	14.7	77.3	12.4	130
Hank	Soil	2636175	407245	6342900	1342.207	Zone 9N	JT	04-Aug-14	2014		B		SMI14000465	6	0.2	6.0	60.7	5.9	70
Hank	Soil	2636176	407850	6342201	962.7517	Zone 9N	JT	04-Aug-14	2014		B		SMI14000465	218	0.1	13.9	66.3	9.6	97
Hank	Soil	2636177	407809	6342234	974.049	Zone 9N	JT	04-Aug-14	2014		B		SMI14000465	17	0.2	5.4	81.2	5.8	73
Hank	Soil	2636178	407773	6342271	998.3349	Zone 9N	JT	04-Aug-14	2014		B		SMI14000465	6	0.5	9.7	51.6	8.3	76
Hank	Soil	2636179	407736	6342311	1010.5	Zone 9N	JT	04-Aug-14	2014		B		SMI14000465	8	0.4	10.3	40.9	11.6	80
Hank	Soil	2636180	407693	6342354	1027.474	Zone 9N	JT	04-Aug-14	2014		B		SMI14000465	18	0.4	16.0	46.6	10.1	82
Hank	Soil	2636181	407658	6342395	1044.438	Zone 9N	JT	04-Aug-14	2014		B		SMI14000465	5	0.5	11.7	55.4	7.4	60
Hank	Soil	2636182	407617	6342426	1061.514	Zone 9N	JT	04-Aug-14	2014		B		SMI14000465	3	0.3	12.4	46.2	12.1	74
Hank	Soil	2636183	407576	6342464	1083.171	Zone 9N	JT	04-Aug-14	2014		B		SMI14000465	3	0.2	14.8	48.6	15.0	130
Hank	Soil	2636184	407535	6342496	1093.589	Zone 9N	JT	04-Aug-14	2014		B		SMI14000465	5	0.3	15.5	50.4	11.4	109
Hank	Soil	2636185	407500	6342540	1125.575	Zone 9N	JT	04-Aug-14	2014		B		SMI14000465	14	0.2	10.3	50.0	9.3	97
Hank	Soil	2636186	410005	6344052	910.1425	Zone 9N	JT	05-Aug-14	2014		B		SMI14000465	29	0.3	31.6	79.7	13.8	133
Hank	Soil	2636187	409960	6344105	914.8748	Zone 9N	JT	05-Aug-14	2014		B		SMI14000465	64	1.3	105.9	178.9	61.1	163
Hank	Soil	2636188	409928	6344144	940.2592	Zone 9N	JT	05-Aug-14	2014		B		SMI14000465	70	2.0	142.0	141.7	80.2	213
Hank	Soil	2636189	409879	6344188	971.1675	Zone 9N	JT	05-Aug-14	2014		B		SMI14000465	34	0.8	67.1	155.8	37.5	124
Hank	Soil	2636190	409843	6344226	996.0709	Zone 9N	JT	05-Aug-14	2014		B		SMI14000465	31	3.4	111.9	186.6	420.3	663
Hank	Soil	2636191	409807	6344263	1048.053	Zone 9N	JT	05-Aug-14	2014		B		SMI14000465	46	2.2	177.5	220.7	91.8	239

Hank	Soil	2636192	409762	6344307	1092.866	Zone 9N	JT	05-Aug-14	2014		B		SMI14000465	33	2.3	101.6	199.9	51.5	124
Hank	Soil	2636193	409716	6344316	1129.244	Zone 9N	JT	05-Aug-14	2014		B		SMI14000465	21	0.8	70.6	181.2	30.2	147
Hank	Soil	2636194	409628	6344227	1111.663	Zone 9N	JT	05-Aug-14	2014		B		SMI14000465	33	0.5	54.6	204.8	31.8	133
Hank	Soil	2636195	409568	6344211	1136.481	Zone 9N	JT	05-Aug-14	2014		B		SMI14000465	63	1.6	173.7	154.6	217.9	254
Hank	Soil	2636196	409572	6344272	1171.26	Zone 9N	JT	05-Aug-14	2014		B		SMI14000465	117	0.3	57.0	134.7	62.8	189
Hank	Soil	2636197	409569	6344321	1208.344	Zone 9N	JT	05-Aug-14	2014		B		SMI14000465	196	2.2	239.9	160.2	229.0	370
Hank	Soil	2636198	409531	6344349	1243.311	Zone 9N	JT	05-Aug-14	2014		B		SMI14000465	63	3.0	159.2	163.2	176.2	266
Hank	Soil	2636199	409506	6344397	1280.9	Zone 9N	JT	05-Aug-14	2014		B		SMI14000465	35	1.2	123.3	186.4	67.0	202
Hank	Soil	2636200	409471	6344437	1330.782	Zone 9N	JT	05-Aug-14	2014		B		SMI14000465	34	3.0	166.1	210.3	26.5	111
Hank	Soil	2636251	409465	6344500	1353.75	Zone 9N	JT	05-Aug-14	2014		B		SMI14000476	10	0.2	50.5	82.1	27.8	110
Hank	Soil	2636252	409431	6344531	1377.455	Zone 9N	JT	05-Aug-14	2014		B		SMI14000476	10	0.5	52.7	58.1	18.6	99
Hank	Soil	2636253	409383	6344566	1399.649	Zone 9N	JT	05-Aug-14	2014		B		SMI14000476	10	0.4	23.9	38.4	18.2	74
Hank	Soil	2636254	410652	6341675	1670.547	Zone 9N	JT	08-Aug-14	2014		B		SMI14000476	118	0.4	73.7	29.9	18.0	86
Hank	Soil	2636255	410683	6341636	1675.792	Zone 9N	JT	08-Aug-14	2014		B		SMI14000476	103	0.2	40.0	21.0	13.2	69
Hank	Soil	2636256	410718	6341602	1681.115	Zone 9N	JT	08-Aug-14	2014		B		SMI14000476	21	0.2	25.9	28.5	13.1	69
Hank	Soil	2636257	410749	6341561	1689.648	Zone 9N	JT	08-Aug-14	2014		B		SMI14000476	458	0.2	35.1	20.4	14.1	62
Hank	Soil	2636258	410782	6341519	1702.129	Zone 9N	JT	08-Aug-14	2014		B		SMI14000476	11	0.1	12.4	11.4	10.7	35
Hank	Soil	2636259	410817	6341479	1705.561	Zone 9N	JT	08-Aug-14	2014		B		SMI14000476	13	0.1	13.3	15.6	9.6	51
Hank	Soil	2636260	410848	6341440	1704.543	Zone 9N	JT	08-Aug-14	2014		B		SMI14000476	7	0.1	8.0	22.4	10.3	69
Hank	Soil	2636261	410881	6341403	1716.248	Zone 9N	JT	08-Aug-14	2014		B		SMI14000476	11	0.2	15.1	16.2	13.1	39
Hank	Soil	2636262	410908	6341363	1714.665	Zone 9N	JT	08-Aug-14	2014		B		SMI14000476	108	0.3	60.8	33.1	20.4	89
Hank	Soil	2636263	410933	6341327	1709.079	Zone 9N	JT	08-Aug-14	2014		B		SMI14000476	202	0.4	59.0	32.5	19.5	95
Hank	Soil	2636264	410975	6341298	1712.355	Zone 9N	JT	08-Aug-14	2014		B		SMI14000476	42	0.2	50.7	26.7	15.3	67
Hank	Soil	2636265	411007	6341264	1698.52	Zone 9N	JT	08-Aug-14	2014		B		SMI14000476	10	0.2	7.1	19.9	11.0	81
Hank	Soil	2636266	411047	6341232	1668.428	Zone 9N	JT	08-Aug-14	2014		B		SMI14000476	58	0.2	6.6	20.4	11.6	97
Hank	Soil	2636267	411089	6341200	1649.65	Zone 9N	JT	08-Aug-14	2014		B		SMI14000476	17	0.2	15.0	18.4	10.1	69
Hank	Soil	2636268	411119	6341158	1613.26	Zone 9N	JT	08-Aug-14	2014		B		SMI14000476	9	0.1	5.0	20.8	10.9	75
Hank	Soil	2636269	411163	6341135	1586.964	Zone 9N	JT	08-Aug-14	2014		B		SMI14000476	3	0.1	2.2	15.4	8.4	75
Hank	Soil	2636270	411201	6341100	1596.758	Zone 9N	JT	08-Aug-14	2014		B		SMI14000476	177	0.2	71.5	31.0	21.2	62
Hank	Soil	2636271	411232	6341063	1592.687	Zone 9N	JT	08-Aug-14	2014		B		SMI14000476	9	0.1	15.6	13.6	9.6	96
Hank	Soil	2636272	411269	6341032	1569.251	Zone 9N	JT	08-Aug-14	2014		B		SMI14000476	6	0.3	16.5	12.5	10.0	92
Hank	Soil	2636273	411305	6340997	1547.589	Zone 9N	JT	08-Aug-14	2014		B		SMI14000476	6	0.2	20.2	15.5	9.2	49
Hank	Soil	2636274	411337	6340960	1520.858	Zone 9N	JT	08-Aug-14	2014		B		SMI14000476	9	0.8	40.4	65.0	2.6	136
Hank	Soil	2636275	411372	6340924	1507.425	Zone 9N	JT	08-Aug-14	2014		B		SMI14000476	6	0.2	9.7	14.7	6.4	68
Hank	Soil	2636276	411401	6340886	1502.694	Zone 9N	JT	08-Aug-14	2014		B		SMI14000476	3	0.3	25.0	13.7	7.4	74
Hank	Soil	2636277	411430	6340843	1497.202	Zone 9N	JT	08-Aug-14	2014		B		SMI14000476	15	0.1	10.7	13.4	10.8	38
Hank	Soil	2636278	411468	6340806	1499.194	Zone 9N	JT	08-Aug-14	2014		B		SMI14000476	8	0.1	37.0	16.2	8.3	53
Hank	Soil	2636279	411503	6340767	1498.348	Zone 9N	JT	08-Aug-14	2014		B		SMI14000476	3	0.2	56.5	17.6	20.3	32
Hank	Soil	2636280	411541	6340733	1487.246	Zone 9N	JT	08-Aug-14	2014		B		SMI14000476	6	0.6	27.4	13.2	12.3	62
Hank	Soil	2636281	411580	6340703	1477.277	Zone 9N	JT	08-Aug-14	2014		B		SMI14000476	8	0.2	58.1	20.2	16.1	60
Hank	Soil	2636282	411614	6340667	1467.359	Zone 9N	JT	08-Aug-14	2014		B		SMI14000476	14	0.9	14.8	20.3	15.3	79
Hank	Soil	2636283	411648	6340631	1455.897	Zone 9N	JT	08-Aug-14	2014		B		SMI14000476	6	0.2	23.5	14.6	17.6	50
Hank	Soil	2636304	410582	6340651	1643.376	Zone 9N	JT	08-Aug-14	2014		B		SMI14000476	9	0.1	12.0	22.6	11.5	69
Hank	Soil	2636305	410534	6340698	1640.18	Zone 9N	JT	08-Aug-14	2014		B		SMI14000476	6	0.2	17.7	18.1	13.3	49
Hank	Soil	2636306	410506	6340740	1640.96	Zone 9N	JT	08-Aug-14	2014		B		SMI14000476	8	0.1	9.4	30.3	14.3	74
Hank	Soil	2636307	410473	6340781	1646.673	Zone 9N	JT	08-Aug-14	2014		B		SMI14000476	10	0.1	22.4	33.6	17.9	132
Hank	Soil	2636308	410431	6340812	1642.714	Zone 9N	JT	08-Aug-14	2014		B		SMI14000476	9	0.1	11.7	36.2	14.2	90
Hank	Soil	2636309	410405	6340859	1639.698	Zone 9N	JT	08-Aug-14	2014		B		SMI14000476	6	0.1	7.2	40.9	11.5	87
Hank	Soil	2636310	410372	6340899	1639.016	Zone 9N	JT	08-Aug-14	2014		B		SMI14000476	9	0.1	7.2	30.4	13.1	91
Hank	Soil	2636311	410330	6340929	1629.911	Zone 9N	JT	08-Aug-14	2014		B		SMI14000476	8	0.1	7.0	30.2	11.8	84
Hank	Soil	2636312	410292	6340961	1627.858	Zone 9N	JT	08-Aug-14	2014		B		SMI14000476	8	0.1	7.4	30.0	11.8	68
Hank	Soil	2636313	410256	6340995	1618.886	Zone 9N	JT	08-Aug-14	2014		B		SMI14000476	19	0.2	13.8	30.5	16.9	74
Hank	Soil	2636314	410222	6341033	1603.271	Zone 9N	JT	08-Aug-14	2014		B		SMI14000476	13	0.3	17.3	32.0	19.6	91
Hank	Soil	2636315	410183	6341070	1604.531	Zone 9N	JT	08-Aug-14	2014		B		SMI14000476	31	0.3	32.7	24.9	52.2	138
Hank	Soil	2636316	410154	6341115	1620.367	Zone 9N	JT	08-Aug-14	2014		B		SMI14000476	7	0.2	14.7	16.6	20.8	78
Hank	Soil	2636317	410123	6341152	1619.817	Zone 9N	JT	08-Aug-14	2014		B		SMI14000476	12	0.3	27.6	20.4	36.8	98
Hank	Soil	2636318	410071	6341172	1619.939	Zone 9N	JT	08-Aug-14	2014		B		SMI14000476	15	0.1	14.4	16.0	23.1	74
Hank	Soil	2636319	410027	6341201	1610.009	Zone 9N	JT	08-Aug-14	2014		B		SMI14000476	17	0.2	14.7	18.4	34.6	108
Hank	Soil	2636320	410026	6341345	1503.816	Zone 9N	JT	08-Aug-14	2014		B		SMI14000476	6	0.2	14.4	21.4	29.7	136
Hank	Soil	2636321	409973	6341355	1486.704	Zone 9N	JT	08-Aug-14	2014		B		SMI14000476	5	0.1	10.3	25.7	33.8	152
Hank	Soil	2636322	409912	6341374	1466.098	Zone 9N	JT	08-Aug-14	2014		B		SMI14000476	3	0.1	7.0	21.6	25.0	112
Hank	Soil	2636323	409871	6341403	1445.955	Zone 9N	JT	08-Aug-14	2014		B		SMI14000476	3	0.1	8.2	16.8	27.0	80
Hank	Soil	2636229	410248	6341484	1518.745	Zone 9N	YT	08-Aug-14	2014		B		SMI14000476	21	0.3	449.6	24.1	8.7	31
Hank	Soil	2636230	410275	6341449	1529.648	Zone 9N	YT	08-Aug-14	2014		B		SMI14000476	5	0.1	2221.7	2.3	10.3	18
Hank	Soil	2636231	410311	6341412	1538.712	Zone 9N	YT	08-Aug-14	2014		B		SMI14000476	153	0.8	152.1	52.4	27.9	93
Hank	Soil	2636232	410345	6341357	1551.216	Zone 9N	YT	08-Aug-14	2014		B		SMI14000476	48	0.9	71.5	25.0	19.6	67
Hank	Soil	2636233	410378	6341320	1559.309	Zone 9N	YT	08-Aug-14	2014		B		SMI14000476	76	0.9	111.6	22.1	23.0	71
Hank	Soil	2636234	410413	6341286	1569.242	Zone 9N	YT	08-Aug-14	2014		B		SMI14000476	919	1.2	182.4	45.8	37.8	82
Hank	Soil	2636235	410444	6341248	1582.839	Zone 9N	YT	08-Aug-14	2014		B		SMI14000476	51	2.6	58.4	20.2	17.5	80
Hank	Soil	2636236	410479	6341213	1590.118	Zone 9N	YT	08-Aug-14	2014		B		SMI14000476	123	1.1	116.6	44.2	23.6	122
Hank	Soil	2636237	410518	6341178	1599.792	Zone 9N	YT	08-Aug-14	2014		B		SMI14000476	22	0.2	24.3	35.8	13.5	78

Hank	Soil	2636238	410550	6341140	1611.476	Zone 9N	YT	08-Aug-14	2014		B		SMI14000476	37	0.1	90.8	22.5	15.6	96
Hank	Soil	2636239	410590	6341109	1598.767	Zone 9N	YT	08-Aug-14	2014		B		SMI14000476	14	0.2	25.3	16.7	10.3	98
Hank	Soil	2636240	410624	6341072	1593.894	Zone 9N	YT	08-Aug-14	2014		B		SMI14000476	18	0.2	55.3	18.2	14.8	82
Hank	Soil	2636241	410660	6341043	1584.591	Zone 9N	YT	08-Aug-14	2014		B		SMI14000476	70	0.5	107.7	48.8	22.4	117
Hank	Soil	2636242	410695	6341004	1585.736	Zone 9N	YT	08-Aug-14	2014		B		SMI14000476	53	0.2	70.0	32.7	18.4	91
Hank	Soil	2636243	410728	6340970	1583.945	Zone 9N	YT	08-Aug-14	2014		B		SMI14000476	8	0.1	29.1	22.1	15.3	97
Hank	Soil	2636244	410753	6340925	1582.585	Zone 9N	YT	08-Aug-14	2014		B		SMI14000476	17	0.9	11.0	18.0	16.4	48
Hank	Soil	2636245	410777	6340884	1582.681	Zone 9N	YT	08-Aug-14	2014		B		SMI14000476	75	0.2	13.7	45.4	17.1	137
Hank	Soil	2636246	410816	6340857	1577.359	Zone 9N	YT	08-Aug-14	2014		B		SMI14000476	10	0.2	12.4	35.8	13.5	103
Hank	Soil	2636247	410855	6340828	1567.279	Zone 9N	YT	08-Aug-14	2014		B		SMI14000476	7	0.1	5.6	43.4	9.3	113
Hank	Soil	2636248	410891	6340794	1570.015	Zone 9N	YT	08-Aug-14	2014		B		SMI14000476	19	0.2	15.8	50.9	11.8	94
Hank	Soil	2636249	410934	6340770	1565.568	Zone 9N	YT	08-Aug-14	2014		B		SMI14000476	5	0.1	7.6	36.8	10.6	91
Hank	Soil	2636250	410967	6340730	1566.485	Zone 9N	YT	08-Aug-14	2014		B		SMI14000476	5	0.1	8.6	36.7	10.2	83
Hank	Soil	2636301	410998	6340691	1565.792	Zone 9N	YT	08-Aug-14	2014		B		SMI14000476	7	0.1	13.3	27.7	11.4	89
Hank	Soil	2636302	411033	6340656	1565.966	Zone 9N	YT	08-Aug-14	2014		B		SMI14000476	10	0.1	7.6	36.7	6.6	98
Hank	Soil	2636303	411073	6340624	1565.038	Zone 9N	YT	08-Aug-14	2014		B		SMI14000476	3	0.1	6.2	27.9	5.6	60
Hank	Soil	2636075	412114	6343628	1556.97	Zone 9N	GD	09-Aug-14	2014	20	B	Aluvial	SMI14000476	35	0.3	77.2	50.0	8.6	107
Hank	Soil	2636076	412080	6343661	1541.59	Zone 9N	GD	09-Aug-14	2014	10	C	Aluvial	SMI14000476	14	0.3	99.9	51.8	10.9	129
Hank	Soil	2636077	412048	6343704	1517.08	Zone 9N	GD	09-Aug-14	2014	10	C	Aluvial	SMI14000476	10	0.3	85.3	52.8	9.2	118
Hank	Soil	2636078	412024	6343740	1497.13	Zone 9N	GD	09-Aug-14	2014	5	C	Aluvial	SMI14000476	44	0.3	95.8	56.0	10.0	117
Hank	Soil	2636079	411994	6343783	1477.9	Zone 9N	GD	09-Aug-14	2014	5	C	Aluvial	SMI14000476	13	0.3	114.7	50.0	10.7	111
Hank	Soil	2636080	411954	6343821	1467.57	Zone 9N	GD	09-Aug-14	2014	15	B	Aluvial	SMI14000476	23	0.2	21.4	35.8	9.2	93
Hank	Soil	2636081	411859	6343916	1453.87	Zone 9N	GD	09-Aug-14	2014	20	B	Aluvial	SMI14000476	39	0.2	35.8	51.2	6.8	100
Hank	Soil	2636082	411811	6343958	1449.54	Zone 9N	GD	09-Aug-14	2014	20	B	Aluvial	SMI14000476	24	0.6	27.2	38.6	9.9	65
Hank	Soil	2636083	411255	6344629	1055.65	Zone 9N	GD	09-Aug-14	2014	20	B		SMI14000476	13	0.4	12.8	22.6	9.9	62
Hank	Soil	2636084	411283	6344601	1089.53	Zone 9N	GD	09-Aug-14	2014	10	C		SMI14000476	30	0.9	22.5	19.0	17.8	78
Hank	Soil	2636085	411293	6344547	1112.36	Zone 9N	GD	09-Aug-14	2014	10	C		SMI14000476	34	1.0	51.7	35.8	33.0	148
Hank	Soil	2636086	411326	6344497	1146.97	Zone 9N	GD	09-Aug-14	2014	15	C		SMI14000476	8	0.8	18.7	15.2	10.5	49
Hank	Soil	2636087	411357	6344467	1183.26	Zone 9N	GD	09-Aug-14	2014	10	C		SMI14000476	1241	0.7	71.8	49.2	29.8	78
Hank	Soil	2636088	411407	6344426	1224.6	Zone 9N	GD	09-Aug-14	2014	20	C		SMI14000476	8	0.1	9.9	10.8	9.7	53
Hank	Soil	2636089	411441	6344401	1263.53	Zone 9N	GD	09-Aug-14	2014	20	C		SMI14000476	1025	1.0	98.5	61.3	31.3	77
Hank	Soil	2636090	411479	6344366	1291.65	Zone 9N	GD	09-Aug-14	2014	20	B		SMI14000476	16	0.4	21.0	23.7	20.2	78
Hank	Soil	2636091	411510	6344316	1337.07	Zone 9N	GD	09-Aug-14	2014	10	C		SMI14000476	49	0.7	43.1	36.6	16.5	58
Hank	Soil	2636092	411529	6344261	1359.66	Zone 9N	GD	09-Aug-14	2014	10	B		SMI14000476	31	1.3	36.0	31.6	14.9	64
Hank	Soil	2636093	411557	6344214	1369.27	Zone 9N	GD	09-Aug-14	2014	10	B		SMI14000476	73	0.7	22.7	19.9	17.4	68
Hank	Soil	2636094	411587	6344186	1386.34	Zone 9N	GD	09-Aug-14	2014	15	B		SMI14000476	18	0.3	27.5	22.8	16.2	70
Hank	Soil	2636095	411645	6344163	1410.61	Zone 9N	GD	09-Aug-14	2014	10	B		SMI14000476	16	0.1	29.9	28.1	32.4	97
Hank	Soil	2636096	411688	6344136	1433.2	Zone 9N	GD	09-Aug-14	2014	10	B		SMI14000476	56	0.2	23.9	23.1	9.9	77
Hank	Soil	2636097	411721	6344102	1447.14	Zone 9N	GD	09-Aug-14	2014	10	B		SMI14000476	23	1.0	43.4	22.4	13.0	74
Hank	Soil	2636098	411752	6344060	1446.9	Zone 9N	GD	09-Aug-14	2014	10	B		SMI14000476	31	0.3	23.6	42.9	8.9	79
Hank	Soil	2636099	411788	6344025	1457.95	Zone 9N	GD	09-Aug-14	2014	15	B		SMI14000476	27	0.7	41.3	22.6	13.8	84
Hank	Soil	2636100	411823	6343997	1462.04	Zone 9N	GD	09-Aug-14	2014	10	B		SMI14000476	36	0.6	36.1	25.3	12.0	82
Hank	Soil	2636351	408851	6342922		Zone 9N	MC	08-Aug-14	2014	20	B		SMI14000476	6	0.1	20.8	66.7	6.5	84
Hank	Soil	2636352	408811	6342950		Zone 9N	MC	08-Aug-14	2014	20	B		SMI14000476	12	0.5	16.6	82.5	12.1	129
Hank	Soil	2636353	408786	6342994		Zone 9N	MC	08-Aug-14	2014	20	B		SMI14000476	3	0.2	10.4	47.9	8.4	67
Hank	Soil	2636354	408733	6343027		Zone 9N	MC	08-Aug-14	2014	20	B		SMI14000476	7	0.3	7.6	44.4	5.2	80
Hank	Soil	2636355	408711	6343063		Zone 9N	MC	08-Aug-14	2014	20	B		SMI14000476	8	0.7	11.3	52.0	7.6	90
Hank	Soil	2636356	408672	6343094		Zone 9N	MC	08-Aug-14	2014	20	B		SMI14000476	6	0.5	9.9	41.8	10.6	104
Hank	Soil	2636357	408620	6343119		Zone 9N	MC	08-Aug-14	2014	20	B		SMI14000476	3	0.4	13.9	49.7	8.6	109
Hank	Soil	2636358	408598	6343160		Zone 9N	MC	08-Aug-14	2014	20	B		SMI14000476	5	0.2	9.8	47.3	5.8	73
Hank	Soil	2636359	410197	6344252		Zone 9N	MC	08-Aug-14	2014	20	B		SMI14000476	182	0.8	50.9	261.2	41.6	193
Hank	Soil	2636360	410189	6344298		Zone 9N	MC	08-Aug-14	2014	20	B		SMI14000476	26	0.3	50.8	120.2	38.5	176
Hank	Soil	2636361	412076	6342903		Zone 9N	MC	08-Aug-14	2014	20	TF		SMI14000476	3	0.1	25.9	30.5	6.3	106
Hank	Soil	2636362	412073	6342851		Zone 9N	MC	08-Aug-14	2014	20	TF		SMI14000476	3	0.1	28.4	32.4	6.7	65
Hank	Soil	2636363	412043	6342801		Zone 9N	MC	08-Aug-14	2014	20	TF		SMI14000476	12	0.1	18.7	47.1	5.3	85
Hank	Soil	2636364	412049	6342749		Zone 9N	MC	08-Aug-14	2014	20	TF		SMI14000476	3	0.1	12.3	21.4	17.0	56
Hank	Soil	2636365	412039	6342696		Zone 9N	MC	08-Aug-14	2014	20	TF		SMI14000476	17	0.2	25.1	75.5	8.3	110
Hank	Soil	2636366	412015	6342652		Zone 9N	MC	08-Aug-14	2014	20	TF		SMI14000476	3	0.2	18.9	40.8	23.0	95
Hank	Soil	2636367	411659	6342253		Zone 9N	MC	08-Aug-14	2014	20	TF		SMI14000476	3	0.1	5.7	18.4	11.1	35
Hank	Soil	2636368	411982	6342608		Zone 9N	MC	08-Aug-14	2014	20	TF		SMI14000476	3	0.1	7.6	49.3	9.1	30
Hank	Soil	2636369	411710	6342262		Zone 9N	MC	08-Aug-14	2014	20	TF		SMI14000476	6	0.1	84.0	7.0	9.2	9
Hank	Soil	2636370	411758	6342267		Zone 9N	MC	08-Aug-14	2014	20	TF		SMI14000476	3	0.1	61.8	5.3	8.0	7
Hank	Soil	2636371	411819	6342271		Zone 9N	MC	08-Aug-14	2014	20	TF		SMI14000476	3	0.2	132.8	21.2	28.7	141
Hank	Soil	2636372	411860	6342294		Zone 9N	MC	08-Aug-14	2014	20	TF		SMI14000476	21	0.3	122.8	17.3	29.9	32
Hank	Soil	2636373	411900	6342322		Zone 9N	MC	08-Aug-14	2014	20	TF		SMI14000476	3	0.3	22.1	100.8	16.5	168
Hank	Soil	2636051	411313	6341830	1811.439	Zone 9N	AT	09-Aug-14	2014		B	Dark green soil	SMI14000476	3	0.1	2.6	22.7	6.5	81
Hank	Soil	2636052	411339	6341792	1794.877	Zone 9N	AT	09-Aug-14	2014		B		SMI14000476	6	0.1	4.2	30.6	12.5	98
Hank	Soil	2636053	411367	6341753	1759.413	Zone 9N	AT	09-Aug-14	2014		B		SMI14000476	17	0.1	2.1	22.0	7.3	76
Hank	Soil	2636054	411394	6341710		Zone 9N	AT	09-Aug-14	2014		B	SOS	SMI14000476	10	0.1	7.4	17.7	10.9	90
Hank	Soil	2636055	411415	6341656	1724.123	Zone 9N	AT	09-Aug-14	2014		B	SCREE	SMI14000476	14	0.1	65.4	20.1	9.6	72
Hank	Soil	2636056	411433	6341593	1683.592	Zone 9N	AT	09-Aug-14	2014		B	SCREE	SMI14000476	6	0.1	5.3	22.7	9.8	98

Hank	Soil	2636057	411453	6341549	1645.697	Zone 9N	AT	09-Aug-14	2014		B	SCREE	SMI14000476	3	0.1	5.5	20.7	8.7	84
Hank	Soil	2636058	411487	6341515	1612.479	Zone 9N	AT	09-Aug-14	2014		B	FLATS	SMI14000476	6	0.1	39.6	18.3	11.7	58
Hank	Soil	2636059	411511	6341481	1593.495	Zone 9N	AT	09-Aug-14	2014		B	on flats	SMI14000476	3	0.1	32.7	21.9	10.0	69
Hank	Soil	2636060	411534	6341445	1581.932	Zone 9N	AT	09-Aug-14	2014		B	Lt Scree	SMI14000476	3	0.1	7.3	18.9	9.4	51
Hank	Soil	2636061	411567	6341407	1579.885	Zone 9N	AT	09-Aug-14	2014		B	Cross green depression	SMI14000476	7	0.1	11.8	14.8	9.6	75
Hank	Soil	2636062	411597	6341371	1576.915	Zone 9N	AT	09-Aug-14	2014		B	Small	SMI14000476	9	0.1	9.9	20.9	10.9	91
Hank	Soil	2636063	411616	6341327	1576.059	Zone 9N	AT	09-Aug-14	2014		B		SMI14000476	7	0.1	4.8	15.4	7.8	97
Hank	Soil	2636064	411632	6341294	1555.065	Zone 9N	AT	09-Aug-14	2014		B		SMI14000476	3	0.1	13.3	28.9	12.6	110
Hank	Soil	2636065	411663	6341259	1546.551	Zone 9N	AT	09-Aug-14	2014		B		SMI14000476	6	0.2	11.2	29.0	10.1	93
Hank	Soil	2636066	411674	6341217	1540.325	Zone 9N	AT	09-Aug-14	2014		B		SMI14000476	3	0.1	9.4	25.5	14.1	73
Hank	Soil	2636067	411675	6341169	1532.144	Zone 9N	AT	09-Aug-14	2014		B		SMI14000476	3	0.1	16.0	18.9	13.3	95
Hank	Soil	2636068	411696	6341127	1516.393	Zone 9N	AT	09-Aug-14	2014		B		SMI14000476	3	0.1	13.1	20.7	10.4	82
Hank	Soil	2636069	411715	6341082	1503.628	Zone 9N	AT	09-Aug-14	2014		B		SMI14000476	9	0.1	4.6	20.0	8.6	41
Hank	Soil	2636070	411741	6341037	1488.922	Zone 9N	AT	09-Aug-14	2014		B		SMI14000476	3	0.1	12.5	15.8	9.9	105
Hank	Soil	2636071	411762	6340992	1472.769	Zone 9N	AT	09-Aug-14	2014		B		SMI14000476	3	0.1	2.2	11.6	5.7	32
Hank	Soil	2636072	411788	6340948	1452.743	Zone 9N	AT	09-Aug-14	2014		B		SMI14000476	9	0.1	4.1	22.7	9.5	37
Hank	Soil	2636073	411820	6340913	1438.573	Zone 9N	AT	09-Aug-14	2014		B		SMI14000476	3	0.1	1.3	14.3	5.2	22
Hank	Soil	2636074	411860	6340885	1414.129	Zone 9N	AT	09-Aug-14	2014		B		SMI14000476	3	0.1	1.9	14.9	6.8	35
Hank	Soil	2636324	411901	6340874		Zone 9N	AT	09-Aug-14	2014		B	Yellow	SMI14000476	7	0.2	20.0	6.1	8.5	26
Hank	Soil	2636325	411951	6340842	1394.388	Zone 9N	AT	09-Aug-14	2014		B		SMI14000476	9	0.2	7.3	26.2	11.3	43
Hank	Soil	2636326	411979	6340801	1403.614	Zone 9N	AT	09-Aug-14	2014		B		SMI14000476	5	0.1	8.6	24.8	12.3	69
Hank	Soil	2636327	412005	6340762	1398.324	Zone 9N	AT	09-Aug-14	2014		B		SMI14000476	3	0.1	31.3	10.9	9.9	26
Hank	Soil	1747701	411922	6341329	1539.255	Zone 9N	BT	09-Aug-14	2014				SMI14000476	7	0.1	13.5	21.9	12.6	51
Hank	Soil	1747702	411944	6341289	1520.333	Zone 9N	BT	09-Aug-14	2014				SMI14000476	3	0.1	6.1	41.6	8.1	45
Hank	Soil	1747703	411972	6341232	1512.553	Zone 9N	BT	09-Aug-14	2014				SMI14000476	9	0.1	4.3	12.4	10.9	129
Hank	Soil	1747704	411972	6341182	1495.479	Zone 9N	BT	09-Aug-14	2014				SMI14000476	7	0.1	10.7	17.1	8.3	71
Hank	Soil	1747705	411958	6341135	1489.44	Zone 9N	BT	09-Aug-14	2014				SMI14000476	6	0.1	20.9	24.5	12.4	60
Hank	Soil	1747706	411951	6341093	1483.592	Zone 9N	BT	09-Aug-14	2014				SMI14000476	11	0.1	21.2	14.5	11.2	40
Hank	Soil	1747707	411899	6341077	1472.996	Zone 9N	BT	09-Aug-14	2014				SMI14000476	3	0.1	23.3	3.4	12.3	11
Hank	Soil	1747708	411894	6341027	1452.689	Zone 9N	BT	09-Aug-14	2014				SMI14000476	6	0.2	193.9	9.7	25.0	11
Hank	Soil	1747709	411921	6340981	1432.213	Zone 9N	BT	09-Aug-14	2014				SMI14000476	9	0.1	37.1	3.9	16.1	10
Hank	Soil	2636284	411621	6342073	1792.883	Zone 9N	BT	09-Aug-14	2014				SMI14000476	3	0.1	8.9	19.0	8.8	98
Hank	Soil	2636285	411646	6342029	1771.424	Zone 9N	BT	09-Aug-14	2014				SMI14000476	7	0.1	10.2	18.4	9.2	82
Hank	Soil	2636286	411672	6341986	1751.438	Zone 9N	BT	09-Aug-14	2014				SMI14000476	5	0.1	10.6	16.4	8.5	79
Hank	Soil	2636287	411713	6341958	1729.428	Zone 9N	BT	09-Aug-14	2014				SMI14000476	14	0.1	10.8	16.8	9.2	61
Hank	Soil	2636288	411736	6341918	1712.365	Zone 9N	BT	09-Aug-14	2014				SMI14000476	15	0.1	32.4	46.6	15.5	104
Hank	Soil	2636289	411760	6341874	1710.802	Zone 9N	BT	09-Aug-14	2014				SMI14000476	3	0.1	30.4	14.6	7.2	34
Hank	Soil	2636290	411758	6341823	1698.536	Zone 9N	BT	09-Aug-14	2014				SMI14000476	6	0.1	19.9	33.1	12.8	78
Hank	Soil	2636291	411760	6341773	1699.015	Zone 9N	BT	09-Aug-14	2014				SMI14000476	3	0.1	179.9	16.1	14.0	30
Hank	Soil	2636292	411776	6341725	1678.98	Zone 9N	BT	09-Aug-14	2014				SMI14000476	3	0.1	16.5	10.1	7.6	42
Hank	Soil	2636293	411813	6341683	1666.629	Zone 9N	BT	09-Aug-14	2014				SMI14000476	6	0.2	52.4	7.7	46.3	1
Hank	Soil	2636294	411847	6341638	1650.195	Zone 9N	BT	09-Aug-14	2014				SMI14000476	5	0.1	47.0	42.5	14.8	69
Hank	Soil	2636295	411855	6341582	1633.36	Zone 9N	BT	09-Aug-14	2014				SMI14000476	5	0.1	65.1	12.5	19.1	10
Hank	Soil	2636296	411876	6341533	1618.725	Zone 9N	BT	09-Aug-14	2014				SMI14000476	6	0.1	24.2	23.2	15.2	50
Hank	Soil	2636297	411904	6341484	1602.589	Zone 9N	BT	09-Aug-14	2014				SMI14000476	6	0.2	14.2	22.0	12.1	80
Hank	Soil	2636298	411914	6341437	1582.422	Zone 9N	BT	09-Aug-14	2014				SMI14000476	36	0.1	9.1	14.4	11.5	53
Hank	Soil	2636299	411918	6341382	1561.494	Zone 9N	BT	09-Aug-14	2014				SMI14000476	6	0.2	8.3	14.5	9.9	71
Hank	Soil	2636300	411583	6342106	1818.891	Zone 9N	BT	09-Aug-14	2014				SMI14000476	5	0.1	6.9	15.2	9.4	94

Appendix D

Analytical certificates for rock, core and soil samples

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: **Golden Ridge Resources Ltd**
110 - 2300 Carrington Road
West Kelowna BC V2T 2N6 CANADA

Submitted By: Greg Dawson
Receiving Lab: Canada-Smithers
Received: August 08, 2014
Report Date: September 11, 2014
Page: 1 of 2

CERTIFICATE OF ANALYSIS SMI14000464.1

CLIENT JOB INFORMATION

Project: Hank
Shipment ID: 14-1
P.O. Number
Number of Samples: 21

SAMPLE DISPOSAL

RTRN-PLP Return
DISP-RJT Dispose of Reject After 90 days

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-500	20	Crush, split and pulverize 500g rock to 200 mesh			SMI
FA430	21	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
AQ200	21	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN
FA530	3	Lead collection fire assay 30G fusion - Grav finish	30	Completed	VAN
AQ370	2	1:1:1 Aqua Regia digestion ICP-ES analysis	0.4	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Golden Ridge Resources Ltd
110 - 2300 Carrington Road
West Kelowna BC V2T 2N6
CANADA

CC: Allan Jacobs
M. Cathro

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Geochemical Laboratory Manager

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Golden Ridge Resources Ltd**
110 - 2300 Carrington Road
West Kelowna BC V2T 2N6 CANADA

Project: Hank
Report Date: September 11, 2014

CERTIFICATE OF ANALYSIS SMI14000464.1

Method		WGHT	FA430	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		0.01	0.005	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
2636401	Rock	1.29	0.231	1.2	91.4	26.6	880	40.9	1.3	5.5	639	3.11	79.5	195.0	0.2	149	2.6	29.7	<0.1	3	0.57
2636402	Rock	1.97	0.099	1.4	23.2	10.3	71	1.7	2.4	11.4	810	4.17	90.9	87.1	1.3	34	0.2	2.4	<0.1	8	0.87
2636403	Rock	2.08	0.400	0.1	231.1	20.1	18	6.5	<0.1	<0.1	>10000	0.74	54.2	494.0	<0.1	611	0.2	8.1	<0.1	2	29.44
2638551	Rock	2.73	>10	1.0	18.2	6.8	39	3.1	1.6	6.7	>10000	1.98	256.9	3718.3	0.3	482	0.2	5.1	0.1	4	20.80
2638552	Rock	0.95	0.939	0.4	218.1	94.0	563	66.0	0.3	1.6	>10000	1.15	80.0	346.6	<0.1	536	3.0	72.0	<0.1	<2	25.68
2638553	Rock	4.14	0.110	0.5	22.1	4.9	59	0.2	2.1	10.9	1484	3.40	46.9	33.8	0.8	77	0.1	0.6	<0.1	20	3.78
2638554	Rock	1.53	<0.005	0.2	21.2	3.5	74	0.1	3.0	12.6	1951	3.71	14.3	1.5	1.0	65	0.2	0.4	<0.1	42	2.98
2638555	Rock	2.16	0.640	7.9	61.3	16.2	102	4.3	1.9	18.3	2169	6.06	515.9	444.4	1.7	22	0.3	6.1	<0.1	16	0.19
2638556	Rock	1.86	0.719	0.2	203.1	30.2	41	7.9	0.2	1.0	>10000	0.85	77.7	717.3	<0.1	504	0.2	12.5	<0.1	3	24.51
2638557	Rock	1.95	0.559	0.8	43.9	21.1	52	7.2	1.1	11.7	1406	5.95	811.5	972.6	1.6	29	<0.1	5.7	<0.1	10	0.20
2638558	Rock Pulp	0.13	0.584	250.6	4801.6	4.1	48	0.6	32.6	10.4	480	3.53	6.2	442.4	0.9	38	0.3	0.6	<0.1	61	0.79
2638559	Rock	0.94	<0.005	0.1	0.6	0.2	<1	<0.1	1.4	0.2	46	0.03	0.8	0.5	<0.1	3850	<0.1	<0.1	<0.1	<2	32.27
2638651	Rock	1.17	1.196	0.2	11.3	1.4	6	1.3	0.4	0.6	>10000	0.58	76.8	307.9	<0.1	896	<0.1	5.6	<0.1	<2	30.57
2638652	Rock	1.02	0.246	2.5	24.0	21.3	58	3.3	0.8	8.4	660	3.23	449.5	215.0	0.5	36	0.3	4.4	<0.1	4	1.14
2638653	Rock	1.15	0.478	0.1	9.7	1.0	2	1.6	0.3	0.3	>10000	0.36	10.5	457.6	<0.1	626	<0.1	3.5	<0.1	<2	21.98
2638654	Rock	2.08	1.061	0.5	632.8	2399.2	3456	>100	0.3	1.9	179	1.68	117.2	828.0	0.1	27	15.8	381.1	<0.1	2	0.34
2638655	Rock	1.71	0.914	2.2	48.1	91.2	86	33.9	0.6	5.3	752	4.28	303.9	822.7	0.3	18	0.4	23.3	<0.1	5	0.12
2638656	Rock	1.45	0.905	1.5	10.0	22.6	94	7.8	0.3	2.1	376	2.30	195.4	750.5	0.3	97	0.3	6.0	<0.1	5	0.04
2638657	Rock	1.24	>10	0.3	459.2	39.8	50	>100	0.8	1.0	8870	1.50	221.1	71575.0	<0.1	387	0.5	96.0	<0.1	<2	16.28
2638658	Rock	1.47	0.805	1.3	14.6	27.8	158	5.8	0.8	5.7	5648	3.40	381.9	460.3	0.3	136	0.7	7.0	<0.1	6	9.20
2638659	Rock	1.40	0.896	0.1	218.4	53.5	143	43.1	0.3	0.5	>10000	0.78	52.0	251.0	<0.1	555	1.1	60.1	<0.1	<2	30.15

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Client: **Golden Ridge Resources Ltd**
110 - 2300 Carrington Road
West Kelowna BC V2T 2N6 CANADA

Project: Hank
Report Date: September 11, 2014

CERTIFICATE OF ANALYSIS SMI14000464.1

	Method	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	FA530	FA530
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
	MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	50	0.9
2636401	Rock	0.054	1	<1	0.07	26	<0.001	<20	0.26	0.002	0.13	<0.1	0.55	1.1	0.2	2.74	<1	0.8	<0.2		
2636402	Rock	0.133	8	<1	0.06	38	<0.001	<20	0.58	0.003	0.23	<0.1	0.65	3.4	0.5	4.00	<1	<0.5	<0.2		
2636403	Rock	0.002	9	<1	0.48	725	<0.001	<20	0.02	0.004	0.02	<0.1	0.04	0.3	<0.1	0.29	<1	<0.5	0.6		
2638551	Rock	0.039	8	<1	0.50	43	<0.001	<20	0.13	0.005	0.09	<0.1	0.64	3.3	0.5	1.73	<1	<0.5	<0.2	<50	25.2
2638552	Rock	0.010	7	<1	0.62	183	<0.001	<20	0.06	0.004	0.04	<0.1	0.15	0.7	0.1	0.46	1	<0.5	<0.2		
2638553	Rock	0.123	13	<1	0.30	418	<0.001	<20	0.36	0.005	0.26	<0.1	0.16	3.5	0.1	0.61	<1	<0.5	<0.2		
2638554	Rock	0.141	20	1	1.00	2139	0.003	<20	1.91	0.007	0.25	<0.1	0.12	3.6	0.1	0.13	5	<0.5	<0.2		
2638555	Rock	0.136	9	<1	0.07	1122	<0.001	<20	0.64	0.001	0.23	<0.1	0.24	6.1	0.6	0.34	<1	<0.5	<0.2		
2638556	Rock	0.008	14	<1	0.27	392	<0.001	<20	0.05	0.004	0.04	<0.1	0.08	0.6	0.1	0.40	1	<0.5	0.2		
2638557	Rock	0.156	9	<1	0.05	1304	<0.001	<20	0.41	0.001	0.25	<0.1	0.23	4.2	0.3	0.12	1	0.5	<0.2		
2638558	Rock Pulp	0.056	4	32	0.82	97	0.123	<20	1.65	0.097	0.15	0.3	0.03	4.9	<0.1	0.63	5	0.6	<0.2		
2638559	Rock	0.004	<1	<1	1.74	20	<0.001	<20	0.02	0.005	<0.01	<0.1	<0.01	0.3	<0.1	0.06	<1	<0.5	0.4		
2638651	Rock	0.003	8	<1	0.57	1023	<0.001	<20	0.04	0.005	0.01	<0.1	0.03	0.8	<0.1	0.21	2	<0.5	<0.2		
2638652	Rock	0.075	6	1	0.03	79	<0.001	<20	0.24	0.002	0.14	<0.1	0.42	1.1	0.3	2.85	<1	<0.5	<0.2		
2638653	Rock	0.003	6	<1	0.40	1935	<0.001	<20	0.01	0.004	<0.01	<0.1	0.03	0.2	<0.1	0.13	1	<0.5	0.2		
2638654	Rock	0.026	1	2	<0.01	99	<0.001	<20	0.09	0.001	0.06	<0.1	1.27	0.5	<0.1	1.40	1	3.0	0.6	303	1.1
2638655	Rock	0.058	3	1	<0.01	73	<0.001	<20	0.15	0.002	0.11	<0.1	0.68	1.1	0.5	1.66	<1	0.8	0.3		
2638656	Rock	0.063	2	1	0.01	136	<0.001	<20	0.16	0.002	0.11	<0.1	0.59	0.8	0.2	0.86	<1	<0.5	<0.2		
2638657	Rock	0.004	7	<1	0.25	84	<0.001	<20	0.05	0.004	0.01	<0.1	0.35	1.1	0.6	1.14	<1	0.5	0.3	130	83.5
2638658	Rock	0.046	12	<1	0.65	41	<0.001	<20	0.18	0.004	0.10	<0.1	0.77	2.5	0.6	2.57	<1	<0.5	<0.2		
2638659	Rock	0.003	8	<1	0.62	382	<0.001	<20	0.05	0.005	0.02	<0.1	0.14	1.2	0.1	0.35	2	<0.5	<0.2		

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Bureau Veritas Commodities Canada Ltd.
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Client: **Golden Ridge Resources Ltd**
110 - 2300 Carrington Road
West Kelowna BC V2T 2N6 CANADA

Project: Hank
Report Date: September 11, 2014

CERTIFICATE OF ANALYSIS SMI14000464.1

	Method	AQ374
	Analyte	Ag
	Unit	gm/t
	MDL	2
2636401	Rock	
2636402	Rock	
2636403	Rock	
2638551	Rock	
2638552	Rock	
2638553	Rock	
2638554	Rock	
2638555	Rock	
2638556	Rock	
2638557	Rock	
2638558	Rock Pulp	
2638559	Rock	
2638651	Rock	
2638652	Rock	
2638653	Rock	
2638654	Rock	>300
2638655	Rock	
2638656	Rock	
2638657	Rock	135
2638658	Rock	
2638659	Rock	

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Report Date: September 11, 2014

QUALITY CONTROL REPORT SMI14000464.1

	Method	WGHT	FA430	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
Pulp Duplicates																					
2638651	Rock	1.17	1.196	0.2	11.3	1.4	6	1.3	0.4	0.6	>10000	0.58	76.8	307.9	<0.1	896	<0.1	5.6	<0.1	<2	30.57
REP 2638651	QC			0.2	10.7	1.5	5	1.3	0.6	0.6	>10000	0.58	77.4	327.0	<0.1	900	0.1	5.1	<0.1	<2	30.60
2638653	Rock	1.15	0.478	0.1	9.7	1.0	2	1.6	0.3	0.3	>10000	0.36	10.5	457.6	<0.1	626	<0.1	3.5	<0.1	<2	21.98
REP 2638653	QC		0.482																		
2638657	Rock	1.24	>10	0.3	459.2	39.8	50	>100	0.8	1.0	8870	1.50	221.1	71575.0	<0.1	387	0.5	96.0	<0.1	<2	16.28
REP 2638657	QC																				
Reference Materials																					
STD AGPROOF	Standard																				
STD AGPROOF	Standard																				
STD DS10	Standard			13.5	149.2	155.6	374	1.9	74.3	13.5	887	2.71	45.8	103.6	7.0	64	2.8	7.4	10.8	43	1.05
STD GC-7	Standard																				
STD OREAS133B	Standard																				
STD OREAS45EA	Standard			1.2	692.3	14.7	30	0.3	372.3	49.0	370	22.98	9.3	51.6	10.1	4	<0.1	0.3	0.2	295	0.04
STD OXD108	Standard		0.421																		
STD OXI121	Standard		1.828																		
STD OXN117	Standard		7.503																		
STD SP49	Standard																				
STD SP49	Standard																				
STD SQ70	Standard																				
STD SQ70	Standard																				
STD OXD108 Expected			0.414																		
STD OXN117 Expected			7.679																		
STD OXI121 Expected			1.834																		
STD DS10 Expected				14.69	154.61	150.55	370	2.02	74.6	12.9	875	2.7188	43.7	91.9	7.5	67.1	2.49	8.23	11.65	43	1.0625
STD OREAS45EA Expected				1.39	709	14.3	28.9	0.26	381	52	400	23.51	9.1	53	10.7	3.5	0.02	0.2	0.26	303	0.036
STD GC-7 Expected																					
STD OREAS133B Expected																					
STD AGPROOF Expected																					

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Bureau Veritas Commodities Canada Ltd.
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Client: **Golden Ridge Resources Ltd**
110 - 2300 Carrington Road
West Kelowna BC V2T 2N6 CANADA

Project: Hank
Report Date: September 11, 2014

QUALITY CONTROL REPORT SMI14000464.1

		Method	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	FA530	FA530
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
		MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	50	0.9
Pulp Duplicates																						
2638651	Rock		0.003	8	<1	0.57	1023	<0.001	<20	0.04	0.005	0.01	<0.1	0.03	0.8	<0.1	0.21	2	<0.5	<0.2		
REP 2638651	QC		0.003	7	<1	0.57	909	<0.001	<20	0.02	0.005	0.01	<0.1	0.04	0.6	<0.1	0.21	3	<0.5	<0.2		
2638653	Rock		0.003	6	<1	0.40	1935	<0.001	<20	0.01	0.004	<0.01	<0.1	0.03	0.2	<0.1	0.13	1	<0.5	0.2		
REP 2638653	QC																					
2638657	Rock		0.004	7	<1	0.25	84	<0.001	<20	0.05	0.004	0.01	<0.1	0.35	1.1	0.6	1.14	<1	0.5	0.3	130	83.5
REP 2638657	QC																				131	85.7
Reference Materials																						
STD AGPROOF	Standard																				95	<0.9
STD AGPROOF	Standard																				97	<0.9
STD DS10	Standard		0.075	16	56	0.77	415	0.072	<20	0.99	0.065	0.33	3.1	0.35	2.7	5.1	0.29	5	2.5	5.3		
STD GC-7	Standard																					
STD OREAS133B	Standard																					
STD OREAS45EA	Standard		0.028	7	819	0.10	142	0.092	<20	2.98	0.018	0.05	<0.1	0.02	74.2	<0.1	<0.05	12	0.8	<0.2		
STD OXD108	Standard																					
STD OXI121	Standard																					
STD OXN117	Standard																					
STD SP49	Standard																				60	18.6
STD SP49	Standard																				59	18.5
STD SQ70	Standard																				155	40.3
STD SQ70	Standard																				156	40.0
STD OXD108 Expected																						
STD OXN117 Expected																						
STD OXI121 Expected																						
STD DS10 Expected			0.073	17.5	54.6	0.775	359	0.0817		1.0259	0.067	0.338	3.32	0.3	2.8	5.1	0.29	4.3	2.3	5.01		
STD OREAS45EA Expected			0.029	6.57	849	0.095	148	0.0875		3.13	0.02	0.053			78	0.072	0.036	11.7	0.6	0.07		
STD GC-7 Expected																						
STD OREAS133B Expected																						
STD AGPROOF Expected																					94	0

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110 - 2300 Carrington Road
West Kelowna BC V2T 2N6 CANADA

Project: Hank
Report Date: September 11, 2014

QUALITY CONTROL REPORT SMI14000464.1

		Method	AQ374
		Analyte	Ag
		Unit	gm/t
		MDL	2
Pulp Duplicates			
2638651	Rock		
REP 2638651	QC		
2638653	Rock		
REP 2638653	QC		
2638657	Rock		135
REP 2638657	QC		144
Reference Materials			
STD AGPROOF	Standard		
STD AGPROOF	Standard		
STD DS10	Standard		
STD GC-7	Standard		>300
STD OREAS133B	Standard		110
STD OREAS45EA	Standard		
STD OXD108	Standard		
STD OXI121	Standard		
STD OXN117	Standard		
STD SP49	Standard		
STD SP49	Standard		
STD SQ70	Standard		
STD SQ70	Standard		
STD OXD108 Expected			
STD OXN117 Expected			
STD OXI121 Expected			
STD DS10 Expected			
STD OREAS45EA Expected			
STD GC-7 Expected			624
STD OREAS133B Expected			104
STD AGPROOF Expected			

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Project: Hank
Report Date: September 11, 2014

QUALITY CONTROL REPORT SMI14000464.1

		WGHT	FA430	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.005	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
STD SP49 Expected																					
STD SQ70 Expected																					
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank																				
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
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank		<0.005	0.1	4.0	3.3	45	<0.1	3.0	3.9	574	2.00	<0.5	1.1	4.7	45	<0.1	<0.1	<0.1	35	0.41
G1	Prep Blank		<0.005	0.2	2.5	3.5	45	<0.1	2.4	3.6	568	1.98	<0.5	1.8	5.6	47	<0.1	<0.1	<0.1	35	0.44

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QUALITY CONTROL REPORT SMI14000464.1

		AQ200 P % 0.001	AQ200 La ppm 1	AQ200 Cr ppm 1	AQ200 Mg % 0.01	AQ200 Ba ppm 1	AQ200 Ti % 0.001	AQ200 B ppm 20	AQ200 Al % 0.01	AQ200 Na % 0.001	AQ200 K % 0.01	AQ200 W ppm 0.1	AQ200 Hg ppm 0.01	AQ200 Sc ppm 0.1	AQ200 Tl ppm 0.1	AQ200 S % 0.05	AQ200 Ga ppm 1	AQ200 Se ppm 0.5	AQ200 Te ppm 0.2	FA530 Ag gm/t 50	FA530 Au gm/t 0.9
STD SP49 Expected																				60.2	18.34
STD SQ70 Expected																				159.5	39.62
BLK	Blank																				
BLK	Blank																				
BLK	Blank																			<50	<0.9
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2		
BLK	Blank																				
BLK	Blank																			<50	<0.9
Prep Wash																					
G1	Prep Blank	0.072	11	5	0.49	149	0.113	<20	0.86	0.065	0.45	<0.1	<0.01	2.0	0.3	<0.05	4	<0.5	<0.2		
G1	Prep Blank	0.069	11	5	0.49	151	0.116	<20	0.87	0.070	0.48	<0.1	<0.01	2.1	0.3	<0.05	5	<0.5	<0.2		

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Project: Hank
Report Date: September 11, 2014

QUALITY CONTROL REPORT SMI14000464.1

		AQ374 Ag gm/t 2
STD SP49 Expected		
STD SQ70 Expected		
BLK	Blank	
BLK	Blank	
BLK	Blank	
BLK	Blank	
BLK	Blank	<2
BLK	Blank	
Prep Wash		
G1	Prep Blank	
G1	Prep Blank	

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Client: **Golden Ridge Resources Ltd**
110 - 2300 Carrington Road
West Kelowna BC V2T 2N6 CANADA

Submitted By: Greg Dawson
Receiving Lab: Canada-Smithers
Received: August 08, 2014
Report Date: September 11, 2014
Page: 1 of 4

CERTIFICATE OF ANALYSIS SMI14000465.1

CLIENT JOB INFORMATION

Project: Hank
Shipment ID: 14-01
P.O. Number
Number of Samples: 70

SAMPLE DISPOSAL

RTRN-PLP Return
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	70	Dry at 60C			SMI
SS80	70	Dry at 60C sieve 100g to -80 mesh			SMI
FA430	70	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
AQ200	70	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Golden Ridge Resources Ltd
110 - 2300 Carrington Road
West Kelowna BC V2T 2N6
CANADA

CC: Allan Jacobs
M. Cathro

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Geochemical Laboratory Manager

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Client: **Golden Ridge Resources Ltd**
110 - 2300 Carrington Road
West Kelowna BC V2T 2N6 CANADA

Project: Hank
Report Date: September 11, 2014

CERTIFICATE OF ANALYSIS SMI14000465.1

	Method	FA430	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.005	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
2636151	Soil	0.006	4.4	56.6	6.8	79	0.1	12.1	19.4	1002	5.84	20.2	5.6	<0.1	27	0.3	0.9	<0.1	157	0.15	0.082
2636152	Soil	0.012	1.5	55.9	4.8	55	0.1	12.2	18.9	1035	4.69	13.4	11.1	0.2	74	0.2	0.6	<0.1	130	0.84	0.075
2636153	Soil	0.016	1.6	94.0	5.7	50	0.1	23.3	29.2	1950	4.32	21.6	5.6	1.0	21	0.1	1.3	<0.1	94	0.62	0.164
2636154	Soil	0.007	1.2	112.7	7.3	73	0.3	32.6	44.6	2744	6.14	18.3	18.8	1.3	27	0.1	1.2	<0.1	141	0.91	0.122
2636155	Soil	0.007	0.9	112.6	5.7	58	0.1	32.0	45.6	1769	5.35	7.9	6.4	1.1	19	<0.1	0.6	<0.1	121	1.05	0.109
2636156	Soil	<0.005	2.2	46.1	6.0	75	0.1	11.7	15.6	895	5.71	11.2	1.3	0.6	15	0.1	0.5	<0.1	140	0.15	0.107
2636157	Soil	0.005	3.1	40.3	8.2	83	0.2	9.3	12.0	1454	5.56	7.3	2.5	0.3	18	0.2	0.7	0.1	146	0.05	0.133
2636158	Soil	<0.005	3.2	55.5	6.2	53	0.4	9.1	12.0	747	6.78	8.6	5.6	5.1	26	0.3	0.7	<0.1	159	0.17	0.086
2636159	Soil	0.006	4.1	55.1	8.0	83	0.2	10.6	11.1	618	6.35	8.6	2.3	2.0	19	0.2	0.6	0.1	157	0.09	0.186
2636160	Soil	<0.005	3.2	44.2	8.5	48	0.2	6.6	9.9	401	8.14	9.6	3.8	1.9	8	0.1	0.4	<0.1	180	0.04	0.088
2636161	Soil	<0.005	2.0	30.9	5.4	35	0.4	7.7	12.5	430	4.38	5.5	1.1	0.2	110	0.3	0.3	<0.1	105	1.37	0.092
2636162	Soil	<0.005	3.0	37.6	10.1	45	0.3	7.4	8.9	349	6.09	7.6	1.6	0.4	21	0.2	0.6	<0.1	202	0.14	0.055
2636163	Soil	<0.005	2.1	34.7	8.2	55	0.2	6.4	9.2	318	4.33	7.0	8.0	0.5	93	0.2	0.5	<0.1	133	1.08	0.041
2636164	Soil	<0.005	2.7	32.5	8.1	55	0.4	8.3	10.8	356	5.00	8.0	1.1	0.2	90	0.1	0.4	<0.1	127	1.10	0.056
2636165	Soil	<0.005	1.3	56.1	6.0	63	0.1	10.7	19.2	981	5.22	7.8	1.9	0.7	57	0.2	0.5	<0.1	144	0.70	0.061
2636166	Soil	<0.005	1.2	51.4	5.9	81	0.2	12.5	16.4	1210	4.48	6.1	2.1	0.3	104	0.3	0.6	<0.1	126	1.34	0.093
2636167	Soil	<0.005	2.4	42.5	7.5	70	0.2	10.6	13.4	706	5.36	8.7	1.6	0.6	50	0.2	0.6	<0.1	152	0.80	0.064
2636168	Soil	<0.005	2.8	47.7	8.1	80	0.2	9.4	15.7	1068	7.19	12.2	4.2	1.3	9	0.2	0.7	<0.1	145	0.09	0.197
2636169	Soil	0.008	2.3	55.1	12.2	64	0.2	15.4	15.3	665	5.54	15.1	5.7	1.8	9	0.2	0.8	<0.1	123	0.09	0.132
2636170	Soil	<0.005	1.0	71.5	5.4	70	0.2	13.1	23.8	1440	5.52	6.7	2.4	1.0	29	0.1	1.1	<0.1	131	0.84	0.119
2636171	Soil	<0.005	0.7	62.3	5.4	67	0.2	12.9	23.0	1845	5.33	6.4	1.3	0.8	32	0.1	1.4	<0.1	130	0.78	0.126
2636172	Soil	<0.005	1.1	58.9	5.9	73	0.3	12.2	22.1	848	5.47	6.9	1.1	0.6	22	0.1	0.6	<0.1	142	0.25	0.136
2636173	Soil	0.011	1.9	62.5	12.4	103	0.2	21.0	17.0	923	4.82	22.7	6.5	0.8	17	0.5	1.1	<0.1	110	0.31	0.134
2636174	Soil	0.011	3.7	77.3	12.4	130	0.3	20.8	25.8	1906	5.66	14.7	7.0	1.1	71	0.4	1.1	0.2	140	0.79	0.126
2636175	Soil	0.006	1.3	60.7	5.9	70	0.2	12.6	21.1	1371	3.80	6.0	3.0	0.9	113	0.2	0.5	<0.1	95	1.31	0.069
2636176	Soil	0.218	1.7	66.3	9.6	97	0.1	22.5	21.1	959	4.70	13.9	4.6	1.0	41	0.4	1.1	<0.1	119	0.65	0.111
2636177	Soil	0.017	0.8	81.2	5.8	73	0.2	13.2	26.1	1105	4.50	5.4	4.0	1.2	103	0.2	0.2	<0.1	147	1.03	0.107
2636178	Soil	0.006	3.3	51.6	8.3	76	0.5	9.6	16.8	2033	5.69	9.7	3.6	0.9	47	0.3	0.5	<0.1	144	0.55	0.279
2636179	Soil	0.008	2.9	40.9	11.6	80	0.4	8.9	12.5	1337	5.17	10.3	4.5	0.4	33	0.1	0.6	0.1	185	0.26	0.146
2636180	Soil	0.018	3.9	46.6	10.1	82	0.4	18.4	15.1	714	6.29	16.0	4.8	1.7	26	0.2	0.8	0.1	150	0.27	0.220

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West Kelowna BC V2T 2N6 CANADA

Project: Hank
Report Date: September 11, 2014

CERTIFICATE OF ANALYSIS SMI14000465.1

		Method	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
		Analyte	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	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
2636151	Soil		6	18	0.94	65	0.032	<20	3.51	0.003	0.05	0.1	0.12	3.9	0.2	<0.05	12	0.7	<0.2
2636152	Soil		7	22	0.74	178	0.029	<20	3.16	0.003	0.05	<0.1	0.13	9.7	0.1	0.07	7	1.3	<0.2
2636153	Soil		11	34	0.44	160	0.005	<20	1.62	<0.001	0.19	0.1	0.52	17.2	0.2	0.05	4	<0.5	<0.2
2636154	Soil		11	73	0.75	171	0.008	<20	2.55	0.001	0.14	0.1	0.48	24.4	0.7	0.08	7	<0.5	<0.2
2636155	Soil		8	96	0.56	208	0.005	<20	2.10	<0.001	0.24	<0.1	0.14	26.5	0.2	<0.05	5	<0.5	<0.2
2636156	Soil		4	32	0.50	104	0.020	<20	2.85	<0.001	0.06	<0.1	0.08	7.6	<0.1	<0.05	9	0.8	<0.2
2636157	Soil		6	20	0.45	121	0.081	<20	2.46	0.003	0.06	0.1	0.10	4.6	<0.1	<0.05	13	1.0	<0.2
2636158	Soil		15	22	0.45	76	0.115	<20	4.57	0.004	0.05	0.3	0.22	13.2	<0.1	<0.05	12	0.9	<0.2
2636159	Soil		10	19	0.46	92	0.107	<20	3.62	0.007	0.04	0.3	0.12	6.7	<0.1	<0.05	14	0.8	<0.2
2636160	Soil		3	16	0.31	92	0.026	<20	3.16	<0.001	0.03	<0.1	0.10	6.6	<0.1	<0.05	15	<0.5	<0.2
2636161	Soil		7	13	0.31	139	0.031	<20	3.71	<0.001	0.03	0.2	0.12	4.4	<0.1	0.09	9	1.0	<0.2
2636162	Soil		4	18	0.34	97	0.082	<20	1.89	0.003	0.04	0.2	0.12	5.0	<0.1	0.05	14	<0.5	<0.2
2636163	Soil		8	13	0.30	299	0.046	<20	2.03	0.007	0.04	0.1	0.15	6.0	<0.1	<0.05	10	0.6	<0.2
2636164	Soil		5	16	0.43	262	0.043	<20	2.50	0.005	0.04	0.1	0.14	4.2	<0.1	<0.05	11	<0.5	<0.2
2636165	Soil		11	18	0.62	243	0.018	<20	2.75	0.006	0.04	<0.1	0.23	11.0	<0.1	<0.05	8	0.6	<0.2
2636166	Soil		11	20	0.66	370	0.028	<20	2.34	0.009	0.07	<0.1	0.23	8.5	<0.1	0.05	7	0.8	<0.2
2636167	Soil		9	20	0.48	204	0.048	<20	2.96	0.004	0.04	0.1	0.17	6.9	<0.1	<0.05	10	<0.5	<0.2
2636168	Soil		4	19	0.40	135	0.068	<20	3.98	<0.001	0.03	0.1	0.17	6.6	<0.1	<0.05	11	0.8	<0.2
2636169	Soil		8	26	0.69	113	0.054	<20	4.80	<0.001	0.03	0.1	0.23	11.1	<0.1	<0.05	8	1.3	<0.2
2636170	Soil		10	22	0.84	190	0.013	<20	2.42	0.004	0.11	<0.1	0.28	15.1	0.2	0.06	6	<0.5	<0.2
2636171	Soil		9	22	0.85	191	0.017	<20	2.35	0.004	0.11	<0.1	0.27	14.0	0.2	0.05	6	<0.5	<0.2
2636172	Soil		4	25	0.81	120	0.014	<20	2.83	0.003	0.07	<0.1	0.11	8.8	0.2	<0.05	8	<0.5	<0.2
2636173	Soil		9	36	0.95	124	0.039	<20	2.42	0.004	0.05	<0.1	0.06	6.1	<0.1	<0.05	7	0.6	<0.2
2636174	Soil		10	18	1.50	115	0.117	<20	3.96	0.004	0.10	0.3	0.03	11.2	<0.1	<0.05	12	1.0	<0.2
2636175	Soil		7	11	1.39	63	0.066	<20	3.57	0.005	0.10	0.1	0.04	10.8	<0.1	<0.05	10	<0.5	<0.2
2636176	Soil		9	25	1.19	203	0.062	<20	2.21	0.013	0.11	0.1	0.17	10.9	<0.1	<0.05	7	0.7	<0.2
2636177	Soil		10	14	1.70	58	0.145	<20	4.30	0.003	0.08	0.2	0.05	16.7	<0.1	<0.05	13	<0.5	<0.2
2636178	Soil		7	16	0.79	78	0.224	<20	3.80	0.006	0.06	0.3	0.15	6.4	<0.1	<0.05	16	0.9	<0.2
2636179	Soil		5	14	0.61	113	0.195	<20	2.08	0.011	0.05	0.2	0.10	5.0	<0.1	<0.05	15	0.7	<0.2
2636180	Soil		5	29	0.76	107	0.129	<20	4.68	<0.001	0.04	0.3	0.13	6.8	<0.1	<0.05	12	1.1	<0.2

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Client: **Golden Ridge Resources Ltd**
110 - 2300 Carrington Road
West Kelowna BC V2T 2N6 CANADA

Project: Hank
Report Date: September 11, 2014

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Method		FA430	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
Analyte		Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.005	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
2636181	Soil	0.005	3.4	55.4	7.4	60	0.5	11.6	11.8	636	5.89	11.7	2.7	1.2	26	0.4	0.7	<0.1	159	0.27	0.142
2636182	Soil	<0.005	4.7	46.2	12.1	74	0.3	12.0	13.3	643	8.49	12.4	2.4	0.8	24	0.3	0.7	0.1	214	0.19	0.128
2636183	Soil	<0.005	3.8	48.6	15.0	130	0.2	17.4	24.7	1916	6.20	14.8	1.6	1.0	39	0.4	0.8	0.1	188	0.41	0.211
2636184	Soil	0.005	3.4	50.4	11.4	109	0.3	14.7	20.7	1226	6.36	15.5	6.4	1.1	34	0.4	0.8	0.1	169	0.32	0.241
2636185	Soil	0.014	2.9	50.0	9.3	97	0.2	15.5	21.8	936	7.28	10.3	3.1	0.9	45	0.2	0.5	<0.1	202	0.37	0.141
2636186	Soil	0.029	2.5	79.7	13.8	133	0.3	32.7	24.8	1542	4.98	31.6	5.0	0.5	36	0.9	1.4	<0.1	127	0.85	0.158
2636187	Soil	0.064	1.3	178.9	61.1	163	1.3	19.9	39.7	2178	8.19	105.9	34.2	1.1	45	0.6	6.7	0.1	244	0.82	0.273
2636188	Soil	0.070	2.4	141.7	80.2	213	2.0	19.6	35.7	2468	7.62	142.0	55.2	0.8	49	1.1	13.2	0.1	171	0.99	0.228
2636189	Soil	0.034	1.1	155.8	37.5	124	0.8	15.4	27.9	1533	6.70	67.1	16.5	0.5	62	0.3	4.8	<0.1	218	1.20	0.275
2636190	Soil	0.031	1.7	186.6	420.3	663	3.4	21.9	43.0	3745	8.71	111.9	21.8	0.6	36	3.2	5.2	0.3	241	0.80	0.222
2636191	Soil	0.046	1.8	220.7	91.8	239	2.2	27.0	42.8	3175	10.38	177.5	26.1	1.0	52	1.6	22.8	0.1	203	0.97	0.231
2636192	Soil	0.033	1.4	199.9	51.5	124	2.3	19.4	47.7	2789	9.37	101.6	16.9	1.2	70	0.4	10.6	<0.1	216	0.84	0.276
2636193	Soil	0.021	1.4	181.2	30.2	147	0.8	25.1	45.3	2438	8.91	70.6	13.7	1.2	59	0.5	4.2	<0.1	294	1.06	0.298
2636194	Soil	0.033	1.3	204.8	31.8	133	0.5	15.9	39.8	2441	8.21	54.6	7.4	1.3	56	0.4	6.8	<0.1	278	0.99	0.311
2636195	Soil	0.063	3.7	154.6	217.9	254	1.6	11.7	31.8	2932	9.09	173.7	89.9	0.7	28	0.7	6.0	0.2	157	0.47	0.224
2636196	Soil	0.117	2.4	134.7	62.8	189	0.3	21.8	39.1	3065	7.72	57.0	5.2	0.4	34	0.8	3.1	0.1	246	0.64	0.304
2636197	Soil	0.196	6.3	160.2	229.0	370	2.2	19.1	30.8	3509	9.22	239.9	78.6	0.9	22	1.7	7.0	0.2	127	0.29	0.239
2636198	Soil	0.063	7.0	163.2	176.2	266	3.0	23.7	37.1	3509	9.38	159.2	225.3	1.1	41	1.2	6.4	0.2	193	0.65	0.286
2636199	Soil	0.035	2.7	186.4	67.0	202	1.2	32.5	52.8	3002	9.34	123.3	16.0	1.4	38	0.7	4.3	0.1	288	0.66	0.242
2636200	Soil	0.034	1.5	210.3	26.5	111	3.0	42.9	54.4	4252	10.50	166.1	27.5	1.0	51	0.3	10.0	<0.1	227	0.77	0.240
2636201	Soil	0.072	4.5	600.1	20.4	131	0.6	14.2	32.0	1333	6.53	75.2	55.9	0.3	29	1.1	6.0	0.4	152	0.68	0.281
2636202	Soil	0.103	5.6	1165.0	18.0	114	0.8	13.1	26.9	865	7.87	89.6	69.4	0.6	30	1.0	6.9	0.4	177	0.73	0.216
2636203	Soil	0.066	1.5	230.1	56.8	309	1.2	17.6	22.4	1396	4.85	63.3	34.2	0.8	89	3.1	2.6	0.5	98	2.74	0.137
2636204	Soil	0.111	6.5	971.3	19.2	134	1.0	11.4	35.9	1149	8.24	122.6	76.5	0.9	45	1.0	12.5	0.7	161	1.00	0.204
2636205	Soil	0.131	14.4	403.3	27.5	85	0.7	10.5	83.8	1893	12.09	81.9	83.5	0.6	24	0.4	7.8	1.3	157	0.49	0.401
2636206	Soil	0.187	24.9	505.5	38.6	92	0.6	11.2	68.3	1542	13.95	88.5	96.6	1.3	16	0.4	12.6	1.1	208	0.18	0.339
2636207	Soil	0.011	1.3	48.0	7.7	98	0.3	18.6	13.3	610	3.82	10.0	4.1	0.4	221	0.3	0.8	<0.1	92	1.24	0.108
2636208	Soil	<0.005	1.4	50.4	4.8	79	0.2	8.4	17.9	983	4.74	8.7	1.9	0.7	23	0.1	0.3	<0.1	97	0.22	0.152
2636209	Soil	<0.005	2.8	54.0	10.7	174	0.6	23.6	14.1	1243	4.88	18.9	4.8	0.2	67	0.6	0.7	0.1	123	0.80	0.147
2636210	Soil	0.006	2.7	49.1	9.4	94	0.4	15.0	15.4	852	7.40	21.5	5.7	1.3	10	0.3	1.0	<0.1	132	0.13	0.220

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		Analyte	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	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
2636181	Soil		8	23	0.68	90	0.130	<20	4.52	<0.001	0.05	0.3	0.13	9.0	<0.1	0.05	13	1.1	<0.2
2636182	Soil		6	30	0.73	110	0.122	<20	3.16	0.001	0.04	0.2	0.12	7.6	<0.1	<0.05	20	0.6	<0.2
2636183	Soil		11	23	0.73	170	0.110	<20	3.54	0.007	0.04	0.2	0.09	8.5	<0.1	<0.05	14	0.7	<0.2
2636184	Soil		6	23	0.84	113	0.136	<20	4.37	0.002	0.04	0.2	0.11	7.4	<0.1	<0.05	13	0.7	<0.2
2636185	Soil		7	25	1.13	118	0.140	<20	3.88	0.004	0.05	0.2	0.11	8.9	<0.1	<0.05	16	0.6	<0.2
2636186	Soil		10	55	1.37	219	0.056	<20	2.15	0.010	0.12	0.1	0.04	8.7	0.1	<0.05	8	1.0	<0.2
2636187	Soil		15	18	1.60	321	0.089	<20	2.31	0.014	0.31	0.4	0.09	19.8	0.4	0.06	11	<0.5	<0.2
2636188	Soil		15	14	0.82	274	0.028	<20	1.43	0.004	0.27	0.6	0.18	18.7	0.4	0.12	7	1.0	0.3
2636189	Soil		14	14	1.36	250	0.067	<20	2.20	0.008	0.28	0.3	0.07	13.9	0.3	0.08	10	<0.5	<0.2
2636190	Soil		18	28	1.43	326	0.051	<20	2.62	0.002	0.20	0.3	0.12	21.6	0.3	0.08	12	1.0	0.4
2636191	Soil		19	19	1.06	547	0.031	<20	1.93	0.003	0.18	0.6	0.18	26.5	0.4	0.16	8	1.1	<0.2
2636192	Soil		18	12	1.31	470	0.053	<20	2.09	0.011	0.30	0.4	0.29	21.8	1.1	0.12	9	0.6	<0.2
2636193	Soil		17	25	2.03	425	0.112	<20	2.84	0.004	0.45	0.4	0.07	29.9	0.6	0.05	14	0.7	<0.2
2636194	Soil		16	16	1.57	436	0.151	<20	2.59	0.014	0.55	0.4	0.09	22.8	0.5	<0.05	13	0.8	<0.2
2636195	Soil		12	13	0.55	210	0.023	<20	1.87	0.002	0.23	0.3	0.08	9.8	0.2	0.06	9	1.1	0.6
2636196	Soil		12	39	1.27	370	0.087	<20	2.71	0.009	0.28	0.3	0.05	12.2	0.3	0.05	14	0.6	<0.2
2636197	Soil		22	17	0.40	190	0.011	<20	1.55	0.004	0.14	0.2	0.46	9.8	0.4	0.07	6	1.2	1.1
2636198	Soil		23	30	0.78	310	0.035	<20	1.87	0.005	0.13	0.2	0.17	17.5	0.3	0.08	10	1.5	1.7
2636199	Soil		23	48	1.78	263	0.043	<20	3.16	0.003	0.14	0.2	0.06	30.5	0.4	<0.05	14	1.0	0.3
2636200	Soil		24	35	0.90	384	0.013	<20	1.60	0.003	0.11	0.3	0.22	36.0	0.6	0.28	8	1.2	<0.2
2636201	Soil		10	20	0.95	211	0.068	<20	1.82	0.007	0.20	0.1	0.09	7.7	0.1	0.07	8	2.2	0.2
2636202	Soil		13	20	1.08	207	0.101	<20	2.07	0.008	0.16	0.1	0.20	10.7	0.1	0.06	7	2.5	<0.2
2636203	Soil		9	17	1.22	408	0.040	<20	1.97	0.011	0.16	<0.1	0.14	9.7	<0.1	0.41	6	1.0	<0.2
2636204	Soil		12	14	0.85	318	0.066	<20	1.85	0.007	0.11	0.3	0.19	9.6	0.2	0.09	8	4.9	0.3
2636205	Soil		13	8	0.69	324	0.011	<20	1.67	0.003	0.13	0.4	0.10	10.3	0.1	0.13	7	8.0	0.5
2636206	Soil		11	10	0.76	319	0.023	<20	2.05	0.002	0.11	0.3	0.08	15.0	0.2	0.08	9	9.7	0.3
2636207	Soil		10	22	0.87	695	0.022	<20	2.38	0.009	0.07	<0.1	0.23	8.1	<0.1	<0.05	7	0.6	<0.2
2636208	Soil		6	11	0.79	343	0.010	<20	3.03	0.005	0.08	<0.1	0.10	7.9	<0.1	<0.05	8	0.6	<0.2
2636209	Soil		8	29	0.83	393	0.028	<20	3.27	0.006	0.07	<0.1	0.11	4.7	0.1	0.05	11	0.9	<0.2
2636210	Soil		5	24	0.63	111	0.032	<20	4.31	<0.001	0.03	<0.1	0.30	7.4	<0.1	<0.05	9	0.8	<0.2

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	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.005	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
2636211	Soil	0.006	5.1	42.9	12.5	62	0.2	12.1	9.4	551	7.90	15.4	2.7	0.7	17	0.3	1.0	<0.1	155	0.10	0.096
2636212	Soil	<0.005	2.4	35.1	5.3	82	0.3	8.9	12.2	918	6.25	8.3	2.8	0.3	19	0.2	0.5	<0.1	118	0.21	0.163
2636213	Soil	<0.005	2.7	39.5	8.9	60	0.3	6.4	6.2	497	5.54	8.6	2.6	0.2	20	0.2	0.5	<0.1	115	0.14	0.506
2636214	Soil	<0.005	2.1	44.1	7.2	95	0.2	9.5	15.1	2151	5.72	9.9	2.3	0.5	17	0.2	0.8	<0.1	130	0.22	0.163
2636215	Soil	<0.005	4.6	28.8	8.5	73	0.1	7.5	10.5	546	5.62	11.5	2.4	2.2	8	<0.1	0.5	0.1	116	0.04	0.084
2636216	Soil	<0.005	2.9	32.2	8.5	87	0.3	8.1	11.8	1480	6.23	11.0	1.1	0.3	7	0.2	0.6	<0.1	142	0.04	0.214
2636217	Soil	<0.005	4.1	36.0	11.3	86	0.2	9.5	10.0	632	6.97	12.4	3.1	1.1	10	0.1	0.7	0.1	201	0.04	0.223
2636218	Soil	<0.005	3.3	40.8	8.6	73	0.8	7.9	10.2	657	8.72	12.2	3.1	1.4	8	0.3	0.7	0.1	214	0.05	0.150
2636219	Soil	<0.005	2.5	46.0	6.9	75	0.5	10.4	13.3	614	7.63	8.4	1.6	0.6	35	0.6	0.6	<0.1	184	0.35	0.161
2636220	Soil	0.009	2.5	53.3	8.3	77	0.2	11.8	14.4	609	6.50	8.3	2.5	0.5	17	0.2	0.5	<0.1	181	0.10	0.061

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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Golden Ridge Resources Ltd**
110 - 2300 Carrington Road
West Kelowna BC V2T 2N6 CANADA

Project: Hank
Report Date: September 11, 2014

CERTIFICATE OF ANALYSIS SMI14000465.1

	Method	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
	Analyte	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	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
2636211	Soil	5	28	0.45	132	0.083	<20	2.71	0.001	0.03	0.1	0.21	5.4	<0.1	<0.05	14	0.9	<0.2
2636212	Soil	6	9	0.59	137	0.024	<20	3.75	<0.001	0.04	<0.1	0.18	3.1	<0.1	0.05	9	0.7	<0.2
2636213	Soil	4	11	0.31	213	0.033	<20	2.05	0.003	0.05	<0.1	0.13	2.9	<0.1	<0.05	11	0.6	<0.2
2636214	Soil	6	11	0.65	231	0.049	<20	2.65	0.004	0.06	<0.1	0.17	6.0	0.1	<0.05	10	<0.5	<0.2
2636215	Soil	8	15	0.54	160	0.059	<20	4.08	0.002	0.05	<0.1	0.20	7.7	<0.1	<0.05	15	<0.5	<0.2
2636216	Soil	4	12	0.37	154	0.036	<20	2.47	0.005	0.05	<0.1	0.09	4.3	<0.1	<0.05	12	0.5	<0.2
2636217	Soil	4	20	0.31	101	0.139	<20	2.17	0.005	0.04	0.1	0.06	5.0	<0.1	<0.05	16	<0.5	<0.2
2636218	Soil	5	22	0.41	72	0.106	<20	3.37	0.002	0.03	0.1	0.20	6.3	<0.1	<0.05	15	0.9	<0.2
2636219	Soil	9	19	0.65	146	0.085	<20	2.93	0.004	0.04	0.1	0.14	6.1	<0.1	<0.05	12	0.6	<0.2
2636220	Soil	6	18	0.61	120	0.053	<20	3.17	0.002	0.04	<0.1	0.11	7.0	<0.1	<0.05	12	<0.5	<0.2

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Bureau Veritas Commodities Canada Ltd.
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PHONE (604) 253-3158

Client: **Golden Ridge Resources Ltd**
110 - 2300 Carrington Road
West Kelowna BC V2T 2N6 CANADA

Project: Hank
Report Date: September 11, 2014

QUALITY CONTROL REPORT SMI14000465.1

		Method	FA430	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
		Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.005	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																						
2636156	Soil		<0.005	2.2	46.1	6.0	75	0.1	11.7	15.6	895	5.71	11.2	1.3	0.6	15	0.1	0.5	<0.1	140	0.15	0.107
REP 2636156	QC		<0.005																			
2636178	Soil		0.006	3.3	51.6	8.3	76	0.5	9.6	16.8	2033	5.69	9.7	3.6	0.9	47	0.3	0.5	<0.1	144	0.55	0.279
REP 2636178	QC			3.3	48.7	8.3	70	0.5	8.9	16.5	2015	5.77	9.3	4.0	0.9	45	0.2	0.5	<0.1	142	0.54	0.273
2636198	Soil		0.063	7.0	163.2	176.2	266	3.0	23.7	37.1	3509	9.38	159.2	225.3	1.1	41	1.2	6.4	0.2	193	0.65	0.286
REP 2636198	QC		0.059																			
2636214	Soil		<0.005	2.1	44.1	7.2	95	0.2	9.5	15.1	2151	5.72	9.9	2.3	0.5	17	0.2	0.8	<0.1	130	0.22	0.163
REP 2636214	QC			2.0	46.0	7.2	97	0.2	9.7	16.5	2092	5.98	10.4	1.8	0.5	18	0.2	0.9	<0.1	138	0.24	0.175
Reference Materials																						
STD DS10	Standard			13.3	145.9	150.0	380	1.7	76.6	13.1	860	2.69	45.1	60.7	6.3	63	2.5	8.3	11.4	42	1.04	0.080
STD DS10	Standard			12.8	143.2	152.9	345	2.0	73.1	12.5	872	2.69	44.6	71.1	6.9	64	2.6	7.4	11.6	42	1.04	0.078
STD OREAS45EA	Standard			1.6	683.4	13.8	32	0.3	369.3	50.1	389	23.05	11.2	49.2	9.2	3	<0.1	0.3	0.2	284	0.03	0.029
STD OREAS45EA	Standard			1.6	707.2	14.0	31	0.3	387.5	53.7	400	23.93	10.8	54.3	9.5	4	<0.1	0.3	0.2	292	0.03	0.031
STD OXD108	Standard		0.436																			
STD OXD108	Standard		0.429																			
STD OXI121	Standard		1.942																			
STD OXI121	Standard		1.828																			
STD OXN117	Standard		7.872																			
STD OXN117	Standard		7.645																			
STD DS10 Expected				14.69	154.61	150.55	370	2.02	74.6	12.9	875	2.7188	43.7	91.9	7.5	67.1	2.49	8.23	11.65	43	1.0625	0.073
STD OREAS45EA Expected				1.39	709	14.3	28.9	0.26	381	52	400	23.51	9.1	53	10.7	3.5	0.02	0.2	0.26	303	0.036	0.029
STD OXD108 Expected			0.414																			
STD OXN117 Expected			7.679																			
STD OXI121 Expected			1.834																			
BLK	Blank		<0.005																			
BLK	Blank		<0.005																			
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	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Client: **Golden Ridge Resources Ltd**
110 - 2300 Carrington Road
West Kelowna BC V2T 2N6 CANADA

Project: Hank
Report Date: September 11, 2014

QUALITY CONTROL REPORT SMI14000465.1

		Method	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
		Analyte	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	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																			
2636156	Soil		4	32	0.50	104	0.020	<20	2.85	<0.001	0.06	<0.1	0.08	7.6	<0.1	<0.05	9	0.8	<0.2
REP 2636156	QC																		
2636178	Soil		7	16	0.79	78	0.224	<20	3.80	0.006	0.06	0.3	0.15	6.4	<0.1	<0.05	16	0.9	<0.2
REP 2636178	QC		7	15	0.79	71	0.220	<20	3.79	0.007	0.05	0.3	0.16	6.6	<0.1	<0.05	16	0.8	<0.2
2636198	Soil		23	30	0.78	310	0.035	<20	1.87	0.005	0.13	0.2	0.17	17.5	0.3	0.08	10	1.5	1.7
REP 2636198	QC																		
2636214	Soil		6	11	0.65	231	0.049	<20	2.65	0.004	0.06	<0.1	0.17	6.0	0.1	<0.05	10	<0.5	<0.2
REP 2636214	QC		6	11	0.68	243	0.054	<20	2.74	0.004	0.06	<0.1	0.18	6.5	0.1	<0.05	10	<0.5	<0.2
Reference Materials																			
STD DS10	Standard		15	51	0.76	424	0.074	<20	1.00	0.065	0.33	2.9	0.30	2.7	5.0	0.28	4	2.2	5.1
STD DS10	Standard		16	53	0.76	432	0.074	<20	1.02	0.065	0.33	3.2	0.28	2.9	5.4	0.28	4	2.3	4.9
STD OREAS45EA	Standard		7	829	0.09	138	0.093	<20	3.03	0.016	0.05	<0.1	0.01	72.8	<0.1	<0.05	12	1.1	<0.2
STD OREAS45EA	Standard		7	895	0.09	148	0.090	<20	3.11	0.017	0.05	<0.1	<0.01	72.0	<0.1	<0.05	13	1.0	<0.2
STD OXD108	Standard																		
STD OXD108	Standard																		
STD OXI121	Standard																		
STD OXI121	Standard																		
STD OXN117	Standard																		
STD OXN117	Standard																		
STD DS10 Expected			17.5	54.6	0.775	359	0.0817		1.0259	0.067	0.338	3.32	0.3	2.8	5.1	0.29	4.3	2.3	5.01
STD OREAS45EA Expected			6.57	849	0.095	148	0.0875		3.13	0.02	0.053			78	0.072	0.036	11.7	0.6	0.07
STD OXD108 Expected																			
STD OXN117 Expected																			
STD OXI121 Expected																			
BLK	Blank																		
BLK	Blank																		
BLK	Blank		<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank		<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Bureau Veritas Commodities Canada Ltd.
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www.acmelab.com

Client: **Golden Ridge Resources Ltd**
110 - 2300 Carrington Road
West Kelowna BC V2T 2N6 CANADA

Project: Hank
Report Date: September 11, 2014

QUALITY CONTROL REPORT SMI14000465.1

		FA430 Au	AQ200 Mo	AQ200 Cu	AQ200 Pb	AQ200 Zn	AQ200 Ag	AQ200 Ni	AQ200 Co	AQ200 Mn	AQ200 Fe	AQ200 As	AQ200 Au	AQ200 Th	AQ200 Sr	AQ200 Cd	AQ200 Sb	AQ200 Bi	AQ200 V	AQ200 Ca	AQ200 P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.005	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	<0.005																			
BLK	Blank	<0.005																			

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Client: **Golden Ridge Resources Ltd**
110 - 2300 Carrington Road
West Kelowna BC V2T 2N6 CANADA

Project: Hank
Report Date: September 11, 2014

QUALITY CONTROL REPORT SMI14000465.1

		AQ200 La ppm 1	AQ200 Cr ppm 1	AQ200 Mg % 0.01	AQ200 Ba ppm 1	AQ200 Ti % 0.001	AQ200 B ppm 20	AQ200 Al % 0.01	AQ200 Na % 0.001	AQ200 K % 0.01	AQ200 W ppm 0.1	AQ200 Hg ppm 0.01	AQ200 Sc ppm 0.1	AQ200 Tl ppm 0.1	AQ200 S % 0.05	AQ200 Ga ppm 1	AQ200 Se ppm 0.5	AQ200 Te ppm 0.2
BLK	Blank																	
BLK	Blank																	

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Client: **Golden Ridge Resources Ltd**
110 - 2300 Carrington Road
West Kelowna BC V2T 2N6 CANADA

Submitted By: Greg Dawson
Receiving Lab: Canada-Smithers
Received: August 11, 2014
Report Date: September 11, 2014
Page: 1 of 2

CERTIFICATE OF ANALYSIS SMI14000475.1

CLIENT JOB INFORMATION

Project: Hank
Shipment ID: 14-2
P.O. Number
Number of Samples: 10

SAMPLE DISPOSAL

RTRN-PLP Return
DISP-RJT Dispose of Reject After 90 days

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-500	9	Crush, split and pulverize 500g rock to 200 mesh			SMI
FA430	10	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
AQ200	10	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Golden Ridge Resources Ltd
110 - 2300 Carrington Road
West Kelowna BC V2T 2N6
CANADA

CC: Allan Jacobs
M. Cathro

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Geochemical Laboratory Manager

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Client: **Golden Ridge Resources Ltd**
110 - 2300 Carrington Road
West Kelowna BC V2T 2N6 CANADA

Project: Hank
Report Date: September 11, 2014

CERTIFICATE OF ANALYSIS SMI14000475.1

Method		WGHT	FA430	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		0.01	0.005	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
2638560	Rock	1.13	0.051	0.5	103.5	2.6	75	0.1	6.2	20.5	1917	4.33	7.4	35.6	1.8	244	0.1	0.3	0.2	113	6.33
2638561	Rock	1.15	<0.005	1.6	22.4	15.7	22	<0.1	1.2	4.3	3203	1.76	17.7	1.9	2.4	285	0.1	0.4	<0.1	21	4.70
2638562	Rock	0.94	<0.005	2.1	4.5	5.1	5	<0.1	0.5	0.3	51	1.15	80.6	<0.5	1.0	266	<0.1	1.4	<0.1	9	0.03
2638660	Rock	1.18	5.146	0.2	46.2	8.7	23	1.6	<0.1	0.7	>10000	1.52	2238.5	956.5	<0.1	589	0.1	27.2	<0.1	3	28.62
2638661	Rock	1.38	0.198	1.2	5.0	5.4	9	0.9	<0.1	4.4	6059	2.04	460.1	170.9	0.4	491	<0.1	3.9	<0.1	6	18.27
2638662	Rock	1.64	0.147	0.8	86.5	268.0	358	3.0	5.4	30.2	1175	3.98	65.1	133.9	0.3	320	2.6	1.0	0.4	21	3.70
2638663	Rock	1.33	0.060	0.3	38.5	9.2	19	1.2	5.3	14.2	245	4.19	40.3	40.9	0.3	39	0.1	0.4	0.4	10	0.84
2638664	Rock	0.87	0.021	1.9	12.9	24.3	55	0.1	0.6	6.7	604	3.15	7.3	16.8	2.3	49	<0.1	1.4	0.7	16	1.16
2638665	Rock Pulp	0.12	0.496	238.9	4695.2	4.2	50	0.7	31.4	10.8	474	3.52	6.3	635.8	0.9	43	<0.1	0.6	0.1	61	0.80
2638666	Rock	1.06	<0.005	<0.1	0.7	<0.1	<1	<0.1	<0.1	0.2	26	0.03	<0.5	0.7	<0.1	3675	<0.1	<0.1	<0.1	<2	33.30

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Client: **Golden Ridge Resources Ltd**
110 - 2300 Carrington Road
West Kelowna BC V2T 2N6 CANADA

Project: Hank
Report Date: September 11, 2014

CERTIFICATE OF ANALYSIS SMI14000475.1

	Method	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
	Analyte	P	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	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
2638560	Rock	0.170	14	6	0.40	567	0.003	<20	0.74	0.028	0.16	<0.1	0.84	18.0	<0.1	0.79	3	0.7	<0.2
2638561	Rock	0.076	3	<1	0.10	544	0.004	<20	0.57	0.005	0.33	<0.1	1.21	3.5	0.4	0.19	2	<0.5	<0.2
2638562	Rock	0.014	2	2	<0.01	896	0.003	<20	0.16	0.002	0.03	<0.1	0.80	0.9	4.5	0.39	2	<0.5	<0.2
2638660	Rock	0.006	13	<1	0.23	168	<0.001	<20	0.04	0.005	0.02	<0.1	0.03	2.9	0.1	0.74	<1	<0.5	<0.2
2638661	Rock	0.050	8	<1	0.22	271	<0.001	<20	0.11	0.004	0.09	<0.1	0.12	3.7	0.2	1.39	<1	<0.5	<0.2
2638662	Rock	0.076	5	2	0.82	29	<0.001	<20	0.35	0.007	0.18	<0.1	0.08	3.2	0.1	4.04	1	7.9	1.7
2638663	Rock	0.081	3	<1	0.29	54	<0.001	<20	0.23	0.005	0.16	<0.1	<0.01	2.1	<0.1	4.55	<1	2.7	0.7
2638664	Rock	0.088	23	<1	0.34	134	<0.001	<20	0.98	0.007	0.32	<0.1	0.22	3.3	0.3	1.79	2	<0.5	<0.2
2638665	Rock Pulp	0.052	4	32	0.80	98	0.132	<20	1.65	0.095	0.15	0.2	0.03	4.9	<0.1	0.62	5	0.8	<0.2
2638666	Rock	0.003	<1	<1	1.88	5	<0.001	<20	0.02	0.004	<0.01	<0.1	<0.01	2.1	<0.1	<0.05	<1	<0.5	<0.2

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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Golden Ridge Resources Ltd**
110 - 2300 Carrington Road
West Kelowna BC V2T 2N6 CANADA

Project: Hank
Report Date: September 11, 2014

QUALITY CONTROL REPORT SMI14000475.1

	Method	WGHT	FA430	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
Pulp Duplicates																					
REP G1-SMI	QC			<0.1	2.5	3.3	43	<0.1	2.3	3.8	548	1.94	<0.5	<0.5	5.9	52	<0.1	<0.1	<0.1	34	0.48
2638562	Rock	0.94	<0.005	2.1	4.5	5.1	5	<0.1	0.5	0.3	51	1.15	80.6	<0.5	1.0	266	<0.1	1.4	<0.1	9	0.03
REP 2638562	QC		<0.005																		
Core Reject Duplicates																					
2638662	Rock	1.64	0.147	0.8	86.5	268.0	358	3.0	5.4	30.2	1175	3.98	65.1	133.9	0.3	320	2.6	1.0	0.4	21	3.70
DUP 2638662	QC		0.145	0.8	83.3	237.5	272	3.1	5.2	29.1	1183	3.94	62.8	129.4	0.3	324	2.2	1.0	0.4	20	3.73
Reference Materials																					
STD DS10	Standard			12.9	152.3	163.9	365	1.7	76.1	13.0	889	2.76	47.0	131.9	8.1	69	2.2	8.3	13.4	43	1.04
STD OREAS45EA	Standard			1.3	686.8	13.9	28	0.2	380.4	49.2	404	20.71	10.5	48.8	10.5	4	<0.1	0.3	0.2	289	0.03
STD OXD108	Standard		0.414																		
STD OXI121	Standard		1.735																		
STD OXN117	Standard		7.767																		
STD OXD108 Expected			0.414																		
STD OXN117 Expected			7.679																		
STD OXI121 Expected			1.834																		
STD DS10 Expected				14.69	154.61	150.55	370	2.02	74.6	12.9	875	2.7188	43.7	91.9	7.5	67.1	2.49	8.23	11.65	43	1.0625
STD OREAS45EA Expected				1.39	709	14.3	28.9	0.26	381	52	400	23.51	9.1	53	10.7	3.5	0.02	0.2	0.26	303	0.036
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
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
Prep Wash																					
G1-SMI	Prep Blank		<0.005																		
G1-SMI	Prep Blank		<0.005	<0.1	2.8	3.5	46	<0.1	2.9	4.0	586	2.08	<0.5	<0.5	6.6	57	<0.1	<0.1	<0.1	38	0.45
G1-SMI	Prep Blank			0.1	2.4	3.4	45	<0.1	2.2	3.6	557	1.96	<0.5	0.7	5.5	49	<0.1	<0.1	0.1	34	0.48

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PHONE (604) 253-3158

Client: **Golden Ridge Resources Ltd**
110 - 2300 Carrington Road
West Kelowna BC V2T 2N6 CANADA

Project: Hank
Report Date: September 11, 2014

QUALITY CONTROL REPORT SMI14000475.1

	Method	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
	Analyte	P	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	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																			
REP G1-SMI	QC	0.075	11	5	0.50	157	0.114	<20	0.82	0.061	0.44	<0.1	<0.01	2.1	0.3	<0.05	4	<0.5	<0.2
2638562	Rock	0.014	2	2	<0.01	896	0.003	<20	0.16	0.002	0.03	<0.1	0.80	0.9	4.5	0.39	2	<0.5	<0.2
REP 2638562	QC																		
Core Reject Duplicates																			
2638662	Rock	0.076	5	2	0.82	29	<0.001	<20	0.35	0.007	0.18	<0.1	0.08	3.2	0.1	4.04	1	7.9	1.7
DUP 2638662	QC	0.073	5	1	0.81	26	<0.001	<20	0.32	0.006	0.16	<0.1	0.08	3.3	0.1	4.01	<1	7.6	2.0
Reference Materials																			
STD DS10	Standard	0.073	18	52	0.77	427	0.076	<20	1.01	0.065	0.34	2.5	0.28	2.9	5.2	0.29	4	2.1	4.8
STD OREAS45EA	Standard	0.028	6	740	0.09	133	0.092	<20	3.05	0.020	0.05	<0.1	<0.01	73.7	<0.1	<0.05	12	0.9	<0.2
STD OXD108	Standard																		
STD OXI121	Standard																		
STD OXN117	Standard																		
STD OXD108 Expected																			
STD OXN117 Expected																			
STD OXI121 Expected																			
STD DS10 Expected		0.073	17.5	54.6	0.775	359	0.0817		1.0259	0.067	0.338	3.32	0.3	2.8	5.1	0.29	4.3	2.3	5.01
STD OREAS45EA Expected		0.029	6.57	849	0.095	148	0.0875		3.13	0.02	0.053			78	0.072	0.036	11.7	0.6	0.07
BLK	Blank																		
BLK	Blank																		
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
Prep Wash																			
G1-SMI	Prep Blank																		
G1-SMI	Prep Blank	0.075	14	5	0.50	168	0.123	<20	0.88	0.070	0.48	<0.1	<0.01	2.3	0.3	<0.05	5	<0.5	<0.2
G1-SMI	Prep Blank	0.070	11	4	0.50	154	0.108	<20	0.81	0.060	0.44	<0.1	<0.01	2.1	0.3	<0.05	4	<0.5	<0.2

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Client: **Golden Ridge Resources Ltd**
110 - 2300 Carrington Road
West Kelowna BC V2T 2N6 CANADA

Submitted By: Greg Dawson
Receiving Lab: Canada-Smithers
Received: August 11, 2014
Report Date: September 11, 2014
Page: 1 of 8

CERTIFICATE OF ANALYSIS SMI14000476.1

CLIENT JOB INFORMATION

Project: Hank
Shipment ID: 14-2
P.O. Number
Number of Samples: 189

SAMPLE DISPOSAL

RTRN-PLP Return
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	189	Dry at 60C			SMI
SS80	189	Dry at 60C sieve 100g to -80 mesh			SMI
FA430	189	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
AQ200	189	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Golden Ridge Resources Ltd
110 - 2300 Carrington Road
West Kelowna BC V2T 2N6
CANADA

CC: Allan Jacobs
M. Cathro

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Geochemical Laboratory Manager

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Client: **Golden Ridge Resources Ltd**
110 - 2300 Carrington Road
West Kelowna BC V2T 2N6 CANADA

Project: Hank
Report Date: September 11, 2014

CERTIFICATE OF ANALYSIS SMI14000476.1

Method		FA430	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
Analyte		Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.005	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
1747701	Soil	0.007	1.2	21.9	12.6	51	<0.1	2.2	8.4	479	2.84	13.5	2.9	0.1	50	0.1	0.9	0.3	55	0.24	0.100
1747702	Soil	<0.005	1.0	41.6	8.1	45	<0.1	26.2	21.7	1480	5.21	6.1	2.3	6.5	113	0.2	0.9	0.3	72	4.94	0.105
1747703	Soil	0.009	1.4	12.4	10.9	129	<0.1	3.2	5.0	695	3.99	4.3	5.0	6.2	148	<0.1	1.2	0.2	100	0.56	0.141
1747704	Soil	0.007	2.3	17.1	8.3	71	0.1	4.2	7.3	691	3.64	10.7	2.4	<0.1	26	0.4	1.1	0.1	55	0.13	0.126
1747705	Soil	0.006	1.0	24.5	12.4	60	<0.1	1.8	15.3	775	3.62	20.9	4.1	2.1	148	0.1	1.4	0.2	60	0.55	0.082
1747706	Soil	0.011	1.1	14.5	11.2	40	<0.1	0.8	2.0	52	3.34	21.2	3.4	0.3	48	<0.1	1.0	0.3	66	0.06	0.066
1747707	Soil	<0.005	0.7	3.4	12.3	11	<0.1	0.8	0.4	21	1.28	23.3	0.5	0.4	53	<0.1	<0.1	<0.1	9	0.08	0.024
1747708	Soil	0.006	1.8	9.7	25.0	11	0.2	0.4	5.7	158	16.55	193.9	2.6	1.9	144	<0.1	0.2	<0.1	63	0.02	0.143
1747709	Soil	0.009	1.0	3.9	16.1	10	0.1	0.4	1.2	64	3.95	37.1	1.8	1.0	162	<0.1	0.2	<0.1	24	0.03	0.086
2636051	Soil	<0.005	0.5	22.7	6.5	81	<0.1	1.4	23.2	1580	4.43	2.6	1.2	1.6	62	0.1	0.1	<0.1	90	0.79	0.166
2636052	Soil	0.006	0.6	30.6	12.5	98	0.1	2.7	27.0	1773	4.57	4.2	2.2	1.7	62	0.2	0.2	<0.1	97	1.04	0.322
2636053	Soil	0.017	0.2	22.0	7.3	76	<0.1	1.3	19.4	2095	3.97	2.1	7.6	2.0	45	0.1	0.1	<0.1	72	1.05	0.290
2636054	Soil	0.010	0.6	17.7	10.9	90	0.1	0.9	16.1	2021	4.38	7.4	3.6	1.3	41	0.3	3.6	<0.1	63	0.78	0.164
2636055	Soil	0.014	0.7	20.1	9.6	72	0.1	1.8	21.7	1588	4.14	65.4	2.7	1.4	40	0.3	13.9	<0.1	58	0.77	0.190
2636056	Soil	0.006	0.7	22.7	9.8	98	0.1	2.0	27.0	2395	5.36	5.3	3.4	1.6	57	0.2	0.3	<0.1	107	0.67	0.185
2636057	Soil	<0.005	0.8	20.7	8.7	84	0.1	2.0	22.4	1621	4.87	5.5	1.0	1.6	62	0.2	0.2	<0.1	95	0.58	0.162
2636058	Soil	0.006	0.8	18.3	11.7	58	<0.1	2.8	14.7	761	3.26	39.6	1.5	0.9	64	0.2	4.5	<0.1	51	0.45	0.123
2636059	Soil	<0.005	1.2	21.9	10.0	69	0.1	4.8	17.7	1317	3.28	32.7	2.1	0.9	43	0.2	2.8	<0.1	50	0.24	0.134
2636060	Soil	<0.005	0.5	18.9	9.4	51	<0.1	2.2	12.6	1177	2.47	7.3	1.5	1.0	31	0.1	2.7	<0.1	36	0.29	0.088
2636061	Soil	0.007	1.1	14.8	9.6	75	<0.1	4.4	12.7	1093	2.91	11.8	3.7	0.3	19	0.2	2.3	0.1	40	0.13	0.127
2636062	Soil	0.009	1.1	20.9	10.9	91	0.1	8.1	14.5	1324	4.15	9.9	6.2	2.2	43	0.2	1.6	0.1	56	0.31	0.157
2636063	Soil	0.007	0.8	15.4	7.8	97	<0.1	3.4	13.1	591	3.78	4.8	<0.5	1.3	37	0.1	1.6	<0.1	53	0.41	0.184
2636064	Soil	<0.005	2.4	28.9	12.6	110	0.1	13.4	13.3	1174	4.03	13.3	2.3	2.3	18	0.2	1.5	0.1	67	0.19	0.218
2636065	Soil	0.006	1.9	29.0	10.1	93	0.2	9.0	13.1	730	3.23	11.2	3.1	1.7	23	0.2	0.9	<0.1	66	0.47	0.226
2636066	Soil	<0.005	1.3	25.5	14.1	73	0.1	9.1	11.2	873	3.08	9.4	2.9	1.7	30	0.2	0.7	<0.1	50	0.27	0.150
2636067	Soil	<0.005	1.8	18.9	13.3	95	0.1	7.5	15.2	1188	4.32	16.0	2.7	2.0	22	0.3	1.3	<0.1	61	0.27	0.192
2636068	Soil	<0.005	2.0	20.7	10.4	82	<0.1	7.3	10.5	603	3.38	13.1	3.5	1.2	15	0.1	1.5	0.1	50	0.15	0.164
2636069	Soil	0.009	0.7	20.0	8.6	41	<0.1	1.8	7.1	459	3.78	4.6	3.4	2.1	48	<0.1	0.3	<0.1	63	0.78	0.195
2636070	Soil	<0.005	1.9	15.8	9.9	105	<0.1	5.9	6.3	1080	3.81	12.5	3.4	0.6	12	0.3	0.6	0.2	35	0.13	0.110
2636071	Soil	<0.005	0.2	11.6	5.7	32	<0.1	1.1	6.1	333	2.71	2.2	1.0	0.9	44	<0.1	0.1	<0.1	43	0.35	0.129

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Client: **Golden Ridge Resources Ltd**
110 - 2300 Carrington Road
West Kelowna BC V2T 2N6 CANADA

Project: Hank
Report Date: September 11, 2014

CERTIFICATE OF ANALYSIS SMI14000476.1

		Method	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
		Analyte	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	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1747701	Soil		8	2	0.17	812	0.016	<20	1.59	0.012	0.18	<0.1	0.24	1.6	0.2	<0.05	5	<0.5	<0.2
1747702	Soil		10	59	0.09	916	0.023	<20	0.50	0.002	0.24	<0.1	0.24	12.3	0.1	<0.05	1	<0.5	0.2
1747703	Soil		13	6	0.06	1360	0.161	<20	0.53	0.011	0.17	0.2	0.16	4.2	<0.1	<0.05	2	<0.5	<0.2
1747704	Soil		9	5	0.12	274	0.016	<20	2.40	0.009	0.10	<0.1	0.16	0.7	0.2	0.12	9	0.5	<0.2
1747705	Soil		11	2	0.13	2592	0.015	<20	1.29	0.012	0.19	<0.1	0.21	6.7	0.4	<0.05	4	0.9	<0.2
1747706	Soil		4	1	0.03	807	0.011	<20	1.02	0.003	0.17	<0.1	0.36	2.3	0.6	<0.05	2	<0.5	<0.2
1747707	Soil		<1	1	0.02	1056	<0.001	<20	0.50	0.025	0.24	<0.1	0.07	1.9	0.6	0.18	2	<0.5	<0.2
1747708	Soil		7	<1	<0.01	374	0.002	<20	0.62	0.102	0.27	<0.1	1.06	1.8	0.7	0.81	2	<0.5	<0.2
1747709	Soil		8	<1	0.02	782	0.004	<20	0.46	0.136	0.31	<0.1	0.16	2.4	0.5	0.85	2	<0.5	<0.2
2636051	Soil		17	<1	0.60	1074	0.058	<20	1.91	0.018	0.21	<0.1	0.27	16.6	0.1	<0.05	7	0.5	<0.2
2636052	Soil		24	1	0.80	919	0.118	<20	2.12	0.018	0.23	<0.1	0.27	20.1	<0.1	<0.05	10	0.7	<0.2
2636053	Soil		19	<1	0.94	675	0.016	<20	2.07	0.023	0.29	<0.1	0.45	20.5	0.1	<0.05	8	<0.5	<0.2
2636054	Soil		21	<1	1.22	1650	0.020	<20	2.14	0.019	0.16	<0.1	0.30	10.7	0.2	<0.05	9	<0.5	<0.2
2636055	Soil		20	1	0.62	1138	0.019	<20	1.70	0.017	0.23	<0.1	0.59	10.7	3.3	<0.05	7	<0.5	<0.2
2636056	Soil		17	1	0.79	1750	0.029	<20	2.50	0.022	0.25	<0.1	0.61	17.1	0.2	<0.05	9	<0.5	<0.2
2636057	Soil		16	1	0.66	1154	0.025	<20	2.02	0.026	0.21	<0.1	0.47	14.6	0.2	<0.05	8	1.0	<0.2
2636058	Soil		12	2	0.29	1010	0.013	<20	1.36	0.022	0.21	<0.1	0.27	7.5	0.5	<0.05	5	0.5	<0.2
2636059	Soil		11	3	0.30	473	0.012	<20	1.96	0.019	0.22	<0.1	0.19	8.1	0.6	<0.05	6	0.8	<0.2
2636060	Soil		16	1	0.19	367	0.006	<20	1.96	0.010	0.24	<0.1	0.09	9.6	0.4	<0.05	6	0.8	<0.2
2636061	Soil		11	3	0.22	329	0.012	<20	2.81	0.013	0.17	<0.1	0.08	4.4	0.3	<0.05	8	<0.5	<0.2
2636062	Soil		18	5	0.46	1012	0.031	<20	2.54	0.017	0.16	<0.1	0.13	9.5	0.2	<0.05	9	0.8	<0.2
2636063	Soil		17	2	0.96	551	0.039	<20	1.87	0.021	0.14	<0.1	0.08	9.5	0.1	<0.05	7	1.0	<0.2
2636064	Soil		15	10	0.60	172	0.152	<20	3.18	0.031	0.14	0.1	0.07	7.7	0.3	<0.05	12	1.0	<0.2
2636065	Soil		20	6	0.48	246	0.166	<20	2.25	0.023	0.19	<0.1	0.11	9.7	0.2	<0.05	7	1.6	<0.2
2636066	Soil		20	6	0.41	415	0.065	<20	2.27	0.018	0.20	<0.1	0.10	8.8	0.2	<0.05	7	0.9	<0.2
2636067	Soil		18	<1	0.66	395	0.149	<20	2.62	0.024	0.13	0.1	0.08	7.4	0.2	<0.05	10	1.1	<0.2
2636068	Soil		14	6	0.36	133	0.036	<20	2.57	0.021	0.15	<0.1	0.11	6.4	0.2	<0.05	7	0.6	<0.2
2636069	Soil		22	2	0.22	928	0.145	<20	1.67	0.014	0.24	<0.1	0.16	8.2	<0.1	<0.05	5	0.7	<0.2
2636070	Soil		25	5	0.27	320	0.052	<20	3.73	0.028	0.11	0.2	0.11	3.1	0.1	0.05	13	1.2	<0.2
2636071	Soil		15	<1	0.18	811	0.016	<20	1.65	0.012	0.20	<0.1	0.08	6.5	<0.1	<0.05	4	<0.5	<0.2

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Client: **Golden Ridge Resources Ltd**
110 - 2300 Carrington Road
West Kelowna BC V2T 2N6 CANADA

Project: Hank
Report Date: September 11, 2014

CERTIFICATE OF ANALYSIS SMI14000476.1

Method		FA430	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
Analyte		Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.005	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
2636072	Soil	0.009	0.9	22.7	9.5	37	<0.1	3.0	6.7	869	3.92	4.1	4.2	0.3	37	0.2	0.2	<0.1	74	0.33	0.165
2636073	Soil	<0.005	0.2	14.3	5.2	22	<0.1	0.6	3.7	177	2.82	1.3	0.8	1.6	62	<0.1	<0.1	<0.1	38	0.50	0.134
2636074	Soil	<0.005	0.4	14.9	6.8	35	<0.1	1.3	6.4	379	2.66	1.9	3.0	1.0	46	<0.1	0.1	<0.1	41	0.40	0.116
2636075	Soil	0.035	1.2	50.0	8.6	107	0.3	8.1	20.2	1585	6.07	77.2	7.0	1.9	64	0.3	1.8	0.1	113	2.49	0.220
2636076	Soil	0.014	1.2	51.8	10.9	129	0.3	7.9	21.5	2487	6.81	99.9	8.2	1.7	28	0.4	2.1	0.1	113	0.87	0.237
2636077	Soil	0.010	1.2	52.8	9.2	118	0.3	9.0	21.4	1805	6.43	85.3	6.0	2.0	50	0.3	2.0	0.1	109	1.70	0.260
2636078	Soil	0.044	1.3	56.0	10.0	117	0.3	7.5	21.2	2199	6.34	95.8	6.6	1.8	31	0.4	2.3	0.1	110	0.89	0.251
2636079	Soil	0.013	1.2	50.0	10.7	111	0.3	6.7	20.7	2103	6.32	114.7	8.4	1.6	32	0.3	2.6	0.1	105	0.93	0.218
2636080	Soil	0.023	1.8	35.8	9.2	93	0.2	5.6	15.3	1980	4.67	21.4	59.4	0.4	16	0.2	0.7	0.1	97	0.30	0.231
2636081	Soil	0.039	3.3	51.2	6.8	100	0.2	6.9	13.4	1546	4.29	35.8	15.4	<0.1	19	0.2	1.2	<0.1	81	0.29	0.189
2636082	Soil	0.024	2.2	38.6	9.9	65	0.6	5.6	8.0	397	4.16	27.2	17.4	0.2	12	<0.1	0.7	0.1	94	0.19	0.118
2636083	Soil	0.013	2.0	22.6	9.9	62	0.4	8.0	12.0	675	6.03	12.8	2.5	0.1	6	<0.1	0.5	0.2	131	0.10	0.104
2636084	Soil	0.030	4.2	19.0	17.8	78	0.9	3.3	8.0	393	5.55	22.5	4.2	0.3	14	0.3	0.7	0.2	98	0.17	0.083
2636085	Soil	0.034	6.4	35.8	33.0	148	1.0	5.9	13.0	3588	6.67	51.7	10.2	0.2	15	0.2	0.8	0.3	84	0.15	0.172
2636086	Soil	0.008	2.1	15.2	10.5	49	0.8	3.4	5.7	619	4.97	18.7	1.8	<0.1	7	0.1	0.5	0.1	91	0.12	0.171
2636087	Soil	1.241	5.0	49.2	29.8	78	0.7	5.7	10.3	897	7.10	71.8	18.8	0.3	10	0.2	1.7	0.2	88	0.16	0.135
2636088	Soil	0.008	1.6	10.8	9.7	53	0.1	3.5	4.3	386	2.81	9.9	1.4	0.1	9	<0.1	0.3	0.1	66	0.16	0.083
2636089	Soil	1.025	2.5	61.3	31.3	77	1.0	6.0	12.4	1120	7.85	98.5	241.6	0.1	11	0.2	2.2	0.2	83	0.15	0.173
2636090	Soil	0.016	4.0	23.7	20.2	78	0.4	6.1	8.8	974	4.46	21.0	<0.5	<0.1	11	0.2	0.5	0.2	87	0.15	0.095
2636091	Soil	0.049	2.1	36.6	16.5	58	0.7	5.6	7.6	870	3.95	43.1	78.7	<0.1	13	0.2	1.0	0.2	69	0.11	0.149
2636092	Soil	0.031	3.3	31.6	14.9	64	1.3	3.5	6.5	538	4.69	36.0	42.4	0.2	7	0.5	1.0	0.2	68	0.08	0.138
2636093	Soil	0.073	3.2	19.9	17.4	68	0.7	5.2	9.2	870	4.02	22.7	8.3	0.1	8	0.2	0.6	0.2	71	0.06	0.094
2636094	Soil	0.018	2.8	22.8	16.2	70	0.3	4.8	10.5	2172	4.28	27.5	4.5	<0.1	8	0.3	0.7	0.2	83	0.03	0.096
2636095	Soil	0.016	2.0	28.1	32.4	97	0.1	4.8	9.3	708	5.09	29.9	4.9	<0.1	9	0.2	1.4	0.1	99	0.10	0.117
2636096	Soil	0.056	1.8	23.1	9.9	77	0.2	4.6	6.9	624	4.09	23.9	8.1	<0.1	5	<0.1	0.6	0.1	67	0.04	0.171
2636097	Soil	0.023	2.6	22.4	13.0	74	1.0	5.3	6.3	530	4.64	43.4	23.6	<0.1	6	0.3	1.2	0.1	67	0.04	0.114
2636098	Soil	0.031	1.0	42.9	8.9	79	0.3	4.9	14.0	2108	4.27	23.6	21.4	0.3	12	0.2	0.7	<0.1	90	0.24	0.185
2636099	Soil	0.027	3.0	22.6	13.8	84	0.7	6.3	8.4	903	4.38	41.3	32.6	<0.1	10	0.5	0.9	0.2	66	0.08	0.147
2636100	Soil	0.036	3.1	25.3	12.0	82	0.6	6.0	7.0	1089	4.14	36.1	13.5	<0.1	10	0.2	1.0	0.2	75	0.04	0.122
2636221	Soil	1.019	27.9	687.6	27.4	54	0.9	10.7	94.2	1510	20.98	51.7	76.3	1.9	8	0.1	5.7	1.9	219	0.10	0.434

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110 - 2300 Carrington Road
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Project: Hank
Report Date: September 11, 2014

CERTIFICATE OF ANALYSIS SMI14000476.1

	Method	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
	Analyte	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	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
2636072	Soil	22	3	0.15	561	0.038	<20	2.44	0.012	0.18	<0.1	0.08	5.5	<0.1	<0.05	6	0.9	<0.2
2636073	Soil	13	<1	0.11	748	0.029	<20	1.24	0.015	0.22	<0.1	0.06	6.6	<0.1	<0.05	3	<0.5	<0.2
2636074	Soil	16	1	0.15	721	0.037	<20	1.49	0.014	0.19	<0.1	0.14	6.9	<0.1	<0.05	4	<0.5	<0.2
2636075	Soil	17	11	0.69	331	0.040	<20	1.14	0.013	0.13	<0.1	0.42	8.9	0.2	0.71	5	0.7	<0.2
2636076	Soil	20	10	0.74	364	0.042	<20	1.23	0.013	0.13	<0.1	0.47	10.9	0.1	0.86	5	1.3	<0.2
2636077	Soil	18	11	0.72	297	0.041	<20	1.20	0.014	0.13	<0.1	1.10	9.6	0.1	0.69	5	1.0	<0.2
2636078	Soil	19	9	0.69	381	0.039	<20	1.19	0.012	0.11	<0.1	0.59	10.4	<0.1	0.65	5	1.2	<0.2
2636079	Soil	18	9	0.71	311	0.039	<20	1.21	0.011	0.11	<0.1	0.66	9.8	0.1	0.62	5	1.2	<0.2
2636080	Soil	16	7	0.70	241	0.053	<20	2.35	0.015	0.10	<0.1	0.19	6.8	0.1	<0.05	8	0.7	<0.2
2636081	Soil	11	12	0.56	219	0.009	<20	1.62	0.009	0.08	<0.1	0.20	1.2	0.2	0.07	5	0.6	<0.2
2636082	Soil	16	20	0.57	114	0.073	<20	2.40	0.011	0.04	<0.1	0.21	5.0	0.2	<0.05	13	0.9	<0.2
2636083	Soil	5	14	0.61	206	0.012	<20	2.22	0.005	0.05	0.1	0.12	3.0	0.2	<0.05	9	<0.5	<0.2
2636084	Soil	7	6	0.36	406	0.024	<20	1.65	0.006	0.09	0.3	0.07	2.6	<0.1	<0.05	13	<0.5	<0.2
2636085	Soil	20	12	0.22	688	0.018	<20	2.56	0.007	0.05	0.1	0.13	2.7	0.2	<0.05	11	0.8	<0.2
2636086	Soil	5	6	0.31	197	0.026	<20	1.76	0.005	0.07	<0.1	0.08	1.7	0.1	<0.05	10	<0.5	<0.2
2636087	Soil	6	10	0.30	313	0.030	<20	1.90	0.005	0.05	0.1	0.09	2.5	0.1	<0.05	9	1.0	0.2
2636088	Soil	8	7	0.20	271	0.105	<20	1.33	0.009	0.05	<0.1	0.03	1.8	<0.1	<0.05	10	<0.5	<0.2
2636089	Soil	11	12	0.31	355	0.022	<20	2.34	0.005	0.04	0.1	0.19	2.3	0.2	<0.05	7	0.7	0.3
2636090	Soil	10	13	0.34	317	0.120	<20	1.86	0.009	0.06	0.1	0.04	2.0	<0.1	<0.05	14	<0.5	<0.2
2636091	Soil	8	9	0.28	205	0.016	<20	1.61	0.007	0.06	<0.1	0.22	0.8	0.1	<0.05	8	0.5	<0.2
2636092	Soil	12	7	0.14	128	0.096	<20	2.41	0.011	0.06	0.1	0.16	1.6	0.1	<0.05	12	1.2	<0.2
2636093	Soil	12	14	0.19	148	0.110	<20	2.59	0.016	0.05	<0.1	0.11	1.5	0.2	0.05	15	0.7	<0.2
2636094	Soil	7	13	0.16	129	0.113	<20	1.60	0.012	0.06	<0.1	0.09	1.3	0.1	<0.05	13	0.6	<0.2
2636095	Soil	6	8	0.59	203	0.033	<20	2.12	0.008	0.08	<0.1	0.09	1.3	0.1	<0.05	10	<0.5	<0.2
2636096	Soil	10	10	0.42	73	0.024	<20	2.54	0.007	0.07	<0.1	0.10	0.8	<0.1	<0.05	9	0.7	<0.2
2636097	Soil	14	14	0.25	147	0.056	<20	2.67	0.008	0.06	0.1	0.13	1.1	0.2	<0.05	12	1.0	<0.2
2636098	Soil	12	7	0.80	179	0.010	<20	2.40	0.007	0.10	<0.1	0.11	2.9	<0.1	<0.05	7	<0.5	<0.2
2636099	Soil	13	13	0.26	169	0.031	<20	2.71	0.010	0.08	0.1	0.19	1.1	0.2	0.09	11	1.3	<0.2
2636100	Soil	9	12	0.23	289	0.038	<20	1.93	0.011	0.05	<0.1	0.17	1.1	0.2	0.07	10	0.6	<0.2
2636221	Soil	19	5	1.15	171	0.013	<20	2.17	0.006	0.08	0.2	0.08	23.0	0.1	0.05	11	17.5	0.5

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	Method	FA430	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.005	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
2636222	Soil	0.033	1.9	90.7	50.6	213	0.5	15.4	18.4	1481	6.06	42.5	16.7	1.2	16	0.7	1.7	0.2	104	0.28	0.174
2636223	Soil	0.033	2.9	98.6	176.5	288	1.4	8.6	10.2	684	7.60	86.8	19.5	0.4	16	0.5	1.7	1.8	139	0.20	0.217
2636224	Soil	0.018	1.5	58.6	38.0	878	0.4	12.1	17.0	866	6.18	39.3	9.0	0.6	9	1.5	1.1	0.2	127	0.08	0.075
2636225	Soil	0.012	2.0	66.2	51.4	1712	0.3	10.5	13.1	1365	5.27	36.2	9.5	0.1	49	13.2	0.8	1.9	101	1.07	0.124
2636226	Soil	0.007	2.5	39.0	23.7	439	0.3	10.0	15.7	1180	6.25	28.0	2.6	0.4	37	1.9	0.9	0.2	139	0.59	0.168
2636227	Soil	0.061	1.3	73.9	24.7	232	0.6	19.9	18.2	1018	5.51	32.5	74.7	0.7	44	1.3	1.1	0.2	138	0.76	0.115
2636228	Soil	0.031	1.4	89.0	80.4	613	0.6	13.6	15.8	781	5.00	40.8	19.1	0.5	23	5.5	0.7	0.5	104	0.20	0.085
2636229	Soil	0.021	1.4	24.1	8.7	31	0.3	1.2	0.9	33	>40	449.6	14.8	0.4	3	<0.1	6.0	0.6	148	0.02	0.099
2636230	Soil	0.005	1.5	2.3	10.3	18	<0.1	0.3	0.4	15	>40	2221.7	4.1	0.2	1	<0.1	14.2	3.2	684	0.01	0.367
2636231	Soil	0.153	4.0	52.4	27.9	93	0.8	4.8	13.9	1016	6.45	152.1	106.0	1.5	18	0.2	10.7	0.5	67	0.03	0.147
2636232	Soil	0.048	4.7	25.0	19.6	67	0.9	4.1	5.3	415	4.96	71.5	34.5	0.4	8	<0.1	4.3	0.4	61	0.04	0.114
2636233	Soil	0.076	5.0	22.1	23.0	71	0.9	3.3	5.7	415	5.75	111.6	69.3	1.1	15	0.1	7.0	0.4	52	0.03	0.085
2636234	Soil	0.919	3.4	45.8	37.8	82	1.2	4.6	9.1	522	5.71	182.4	127.9	1.1	15	0.1	12.8	0.6	83	0.04	0.134
2636235	Soil	0.051	4.7	20.2	17.5	80	2.6	5.2	8.8	765	5.07	58.4	39.0	0.2	7	0.4	3.9	0.4	45	0.04	0.108
2636236	Soil	0.123	2.9	44.2	23.6	122	1.1	8.1	16.9	2410	5.18	116.6	75.1	1.1	59	0.6	5.8	0.5	59	0.56	0.166
2636237	Soil	0.022	2.0	35.8	13.5	78	0.2	6.7	8.9	631	3.53	24.3	9.8	0.8	32	0.2	1.1	0.2	41	0.17	0.088
2636238	Soil	0.037	2.3	22.5	15.6	96	0.1	6.7	14.8	1493	5.44	90.8	15.6	0.2	15	0.3	4.4	0.3	67	0.14	0.094
2636239	Soil	0.014	3.1	16.7	10.3	98	0.2	5.2	5.7	438	3.58	25.3	12.5	0.2	11	0.2	1.2	0.4	44	0.12	0.093
2636240	Soil	0.018	4.3	18.2	14.8	82	0.2	7.8	8.8	816	5.20	55.3	25.6	0.9	8	0.1	3.9	0.4	49	0.06	0.087
2636241	Soil	0.070	2.2	48.8	22.4	117	0.5	6.9	17.1	1587	5.63	107.7	53.1	1.5	21	0.4	7.0	0.3	67	0.26	0.141
2636242	Soil	0.053	3.2	32.7	18.4	91	0.2	5.5	11.8	808	4.76	70.0	43.5	2.4	11	0.2	4.4	0.3	54	0.07	0.102
2636243	Soil	0.008	3.6	22.1	15.3	97	<0.1	5.8	12.8	2825	5.31	29.1	5.6	0.2	12	0.2	1.5	0.3	58	0.09	0.112
2636244	Soil	0.017	1.5	18.0	16.4	48	0.9	2.9	3.6	132	2.81	11.0	9.7	0.1	11	0.1	0.6	0.1	45	0.08	0.115
2636245	Soil	0.075	1.1	45.4	17.1	137	0.2	7.2	27.1	925	5.64	13.7	9.0	1.1	21	0.3	0.8	0.1	39	0.13	0.111
2636246	Soil	0.010	1.2	35.8	13.5	103	0.2	6.7	14.3	815	4.38	12.4	5.8	1.2	70	0.2	0.9	0.1	40	0.33	0.068
2636247	Soil	0.007	0.7	43.4	9.3	113	0.1	7.5	19.5	1153	3.57	5.6	1.9	0.9	51	0.1	0.3	<0.1	29	0.14	0.052
2636248	Soil	0.019	0.8	50.9	11.8	94	0.2	8.0	20.1	1116	4.09	15.8	7.8	1.2	34	0.2	1.5	0.1	53	0.31	0.069
2636249	Soil	0.005	0.9	36.8	10.6	91	0.1	6.5	14.0	706	3.48	7.6	3.6	0.8	23	0.2	0.4	<0.1	31	0.12	0.053
2636250	Soil	0.005	0.8	36.7	10.2	83	<0.1	7.0	16.9	759	3.57	8.6	19.1	0.6	48	0.2	0.3	0.2	28	0.20	0.037
2636251	Soil	0.010	3.3	82.1	27.8	110	0.2	11.9	22.6	2895	6.26	50.5	5.4	<0.1	31	0.3	2.3	0.2	152	0.30	0.216

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Client: **Golden Ridge Resources Ltd**
110 - 2300 Carrington Road
West Kelowna BC V2T 2N6 CANADA

Project: Hank
Report Date: September 11, 2014

CERTIFICATE OF ANALYSIS SMI14000476.1

	Method	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
	Analyte	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	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
2636222	Soil	13	14	0.58	178	0.047	<20	2.77	0.011	0.08	0.1	0.15	7.1	<0.1	<0.05	8	1.0	<0.2
2636223	Soil	6	14	0.30	204	0.038	<20	1.79	0.008	0.07	0.1	0.09	4.6	<0.1	<0.05	10	0.9	0.4
2636224	Soil	4	17	0.74	169	0.027	<20	2.82	0.008	0.04	<0.1	0.10	7.1	<0.1	<0.05	7	0.6	<0.2
2636225	Soil	13	15	0.52	363	0.043	<20	2.06	0.011	0.05	<0.1	0.09	3.9	<0.1	<0.05	9	1.0	<0.2
2636226	Soil	5	17	0.34	327	0.069	<20	1.79	0.009	0.07	0.1	0.08	4.7	<0.1	<0.05	11	0.5	<0.2
2636227	Soil	13	24	1.06	269	0.066	<20	2.22	0.016	0.08	<0.1	0.18	14.0	<0.1	<0.05	8	1.3	<0.2
2636228	Soil	11	17	0.56	306	0.011	<20	2.16	0.009	0.06	<0.1	0.14	9.3	0.1	<0.05	7	1.2	<0.2
2636229	Soil	<1	2	0.02	13	0.013	<20	0.31	0.002	0.02	<0.1	8.18	3.4	2.8	0.90	16	6.3	0.7
2636230	Soil	<1	2	<0.01	4	0.005	<20	0.21	<0.001	<0.01	<0.1	0.11	3.2	0.3	0.87	20	2.0	0.6
2636231	Soil	9	10	0.34	510	0.010	<20	1.31	0.006	0.11	<0.1	0.73	8.0	1.6	<0.05	5	3.1	0.6
2636232	Soil	16	10	0.18	108	0.061	<20	2.31	0.018	0.05	0.2	0.45	2.0	1.0	0.09	14	2.7	0.3
2636233	Soil	14	7	0.19	187	0.014	<20	2.29	0.012	0.07	0.2	0.76	2.3	0.9	0.11	8	2.7	0.6
2636234	Soil	9	9	0.31	209	0.037	<20	1.29	0.009	0.09	0.1	1.45	6.8	0.9	0.15	5	2.9	0.7
2636235	Soil	42	11	0.21	184	0.024	<20	3.10	0.014	0.05	0.3	0.56	1.4	0.8	0.10	15	1.9	0.2
2636236	Soil	12	9	0.38	262	0.019	<20	1.13	0.010	0.11	<0.1	0.78	5.8	0.7	0.16	4	2.7	0.4
2636237	Soil	8	7	0.30	495	0.009	<20	1.63	0.011	0.14	<0.1	0.15	5.8	0.5	<0.05	5	1.0	<0.2
2636238	Soil	10	9	0.33	251	0.037	<20	1.99	0.012	0.07	0.1	0.25	2.2	0.6	0.12	7	1.0	0.2
2636239	Soil	18	8	0.19	188	0.038	<20	2.82	0.016	0.06	0.2	0.21	1.9	0.8	0.06	14	1.5	<0.2
2636240	Soil	24	11	0.23	95	0.042	<20	2.85	0.019	0.06	0.3	0.24	2.1	0.4	0.09	15	1.0	<0.2
2636241	Soil	12	9	0.37	647	0.020	<20	1.32	0.011	0.09	<0.1	1.05	7.3	1.0	<0.05	5	1.2	0.3
2636242	Soil	26	8	0.33	222	0.013	<20	2.02	0.016	0.07	0.1	1.12	5.4	0.7	<0.05	9	1.6	0.3
2636243	Soil	17	8	0.23	347	0.010	<20	2.74	0.013	0.07	0.1	0.22	2.0	1.4	0.07	11	1.1	<0.2
2636244	Soil	17	11	0.13	106	0.023	<20	2.96	0.015	0.04	<0.1	0.35	2.6	0.8	0.06	11	1.2	<0.2
2636245	Soil	5	5	0.27	453	0.003	<20	1.35	0.009	0.11	<0.1	0.27	7.9	0.6	<0.05	4	0.9	<0.2
2636246	Soil	6	5	0.33	257	0.003	<20	1.50	0.011	0.12	<0.1	0.29	7.8	0.4	<0.05	5	1.0	<0.2
2636247	Soil	3	3	0.15	282	0.001	<20	0.93	0.006	0.12	<0.1	0.14	9.1	0.3	<0.05	2	0.8	<0.2
2636248	Soil	5	7	0.36	692	0.004	<20	1.42	0.008	0.15	<0.1	0.51	8.5	0.6	<0.05	4	0.5	<0.2
2636249	Soil	2	3	0.13	840	0.001	<20	0.84	0.006	0.12	<0.1	0.15	8.7	0.3	<0.05	2	0.7	<0.2
2636250	Soil	2	2	0.12	1132	0.003	<20	0.69	0.005	0.17	<0.1	0.15	7.3	0.3	<0.05	2	<0.5	<0.2
2636251	Soil	11	15	0.25	221	0.043	<20	1.34	0.010	0.07	0.1	0.06	3.1	0.1	0.07	11	0.9	<0.2

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Client: **Golden Ridge Resources Ltd**
110 - 2300 Carrington Road
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Project: Hank
Report Date: September 11, 2014

CERTIFICATE OF ANALYSIS SMI14000476.1

Method		FA430	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
Analyte		Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.005	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
2636252	Soil	0.010	3.8	58.1	18.6	99	0.5	8.4	12.7	1746	6.32	52.7	4.8	0.1	8	0.2	1.7	0.2	130	0.03	0.295
2636253	Soil	0.010	4.0	38.4	18.2	74	0.4	9.0	13.3	1300	5.35	23.9	3.2	<0.1	13	0.3	0.9	0.2	155	0.08	0.098
2636254	Soil	0.118	4.8	29.9	18.0	86	0.4	4.5	13.3	1179	5.32	73.7	59.6	0.5	58	0.2	4.2	0.5	53	0.13	0.116
2636255	Soil	0.103	2.2	21.0	13.2	69	0.2	3.4	10.6	961	4.01	40.0	43.1	0.6	42	0.2	1.5	0.3	42	0.24	0.117
2636256	Soil	0.021	1.5	28.5	13.1	69	0.2	4.0	12.7	770	3.86	25.9	16.1	1.1	56	0.2	1.3	0.3	38	0.16	0.058
2636257	Soil	0.458	1.8	20.4	14.1	62	0.2	2.7	15.5	2262	4.54	35.1	22.4	1.5	256	0.3	1.4	0.3	37	0.40	0.112
2636258	Soil	0.011	1.5	11.4	10.7	35	0.1	1.4	8.6	603	3.34	12.4	4.5	0.5	63	<0.1	0.3	0.2	31	0.03	0.111
2636259	Soil	0.013	1.2	15.6	9.6	51	<0.1	2.7	12.1	581	3.47	13.3	7.1	1.1	152	0.1	0.5	0.1	37	0.17	0.103
2636260	Soil	0.007	0.7	22.4	10.3	69	<0.1	3.9	11.4	1111	3.33	8.0	3.0	1.8	41	0.2	0.4	0.1	30	0.64	0.097
2636261	Soil	0.011	1.5	16.2	13.1	39	0.2	1.2	10.4	466	3.53	15.1	7.7	1.9	285	<0.1	0.5	0.1	24	0.40	0.131
2636262	Soil	0.108	5.6	33.1	20.4	89	0.3	4.5	16.0	1337	4.80	60.8	56.3	0.5	20	0.2	3.8	0.5	51	0.09	0.104
2636263	Soil	0.202	4.4	32.5	19.5	95	0.4	5.5	14.9	1321	4.55	59.0	94.4	1.0	30	0.4	3.7	0.4	49	0.23	0.121
2636264	Soil	0.042	2.8	26.7	15.3	67	0.2	3.5	15.7	1424	4.42	50.7	28.9	0.5	41	0.2	2.0	0.5	48	0.28	0.093
2636265	Soil	0.010	1.2	19.9	11.0	81	0.2	3.1	20.6	2803	4.52	7.1	6.0	1.0	41	0.4	0.5	<0.1	70	0.64	0.186
2636266	Soil	0.058	0.9	20.4	11.6	97	0.2	3.0	18.0	1978	4.47	6.6	7.5	1.2	37	0.2	0.5	0.1	73	0.59	0.184
2636267	Soil	0.017	1.2	18.4	10.1	69	0.2	3.5	10.8	1891	3.85	15.0	9.1	1.3	36	0.3	0.7	0.2	51	0.64	0.138
2636268	Soil	0.009	1.4	20.8	10.9	75	0.1	2.7	17.6	2602	3.88	5.0	6.4	0.9	60	0.3	0.4	<0.1	80	0.76	0.141
2636269	Soil	<0.005	0.9	15.4	8.4	75	<0.1	1.6	12.2	1255	3.64	2.2	0.8	1.8	53	0.2	0.2	<0.1	66	0.82	0.190
2636270	Soil	0.177	4.7	31.0	21.2	62	0.2	4.1	12.5	1084	5.32	71.5	54.2	0.8	28	0.2	4.6	0.5	62	0.17	0.162
2636271	Soil	0.009	3.5	13.6	9.6	96	0.1	5.6	10.9	1358	4.57	15.6	12.3	0.5	10	0.2	1.0	0.2	62	0.08	0.081
2636272	Soil	0.006	3.4	12.5	10.0	92	0.3	4.0	6.9	759	4.61	16.5	3.9	0.3	15	0.3	0.7	0.1	63	0.09	0.112
2636273	Soil	0.006	3.6	15.5	9.2	49	0.2	3.8	7.5	901	4.85	20.2	2.7	0.2	13	0.5	0.5	0.1	53	0.05	0.147
2636274	Soil	0.009	23.0	65.0	2.6	136	0.8	5.2	526.0	>10000	9.68	40.4	4.0	0.3	36	2.9	0.6	<0.1	6	0.27	0.119
2636275	Soil	0.006	0.9	14.7	6.4	68	0.2	1.4	18.6	3332	3.44	9.7	1.6	0.2	19	0.1	0.1	<0.1	39	0.12	0.184
2636276	Soil	<0.005	1.4	13.7	7.4	74	0.3	1.0	8.6	652	4.65	25.0	1.7	0.1	56	0.1	0.3	<0.1	48	0.05	0.154
2636277	Soil	0.015	1.0	13.4	10.8	38	<0.1	0.7	10.0	975	3.53	10.7	27.6	0.4	48	<0.1	0.5	0.2	58	0.11	0.051
2636278	Soil	0.008	1.2	16.2	8.3	53	0.1	1.3	14.7	486	6.02	37.0	4.0	1.2	361	<0.1	0.4	<0.1	39	0.25	0.244
2636279	Soil	<0.005	0.9	17.6	20.3	32	0.2	0.9	28.2	798	3.61	56.5	3.4	0.7	139	0.1	0.2	<0.1	26	0.15	0.095
2636280	Soil	0.006	2.4	13.2	12.3	62	0.6	2.1	11.3	571	3.46	27.4	7.7	0.1	198	0.2	0.5	0.2	36	0.03	0.119
2636281	Soil	0.008	4.4	20.2	16.1	60	0.2	2.0	6.3	286	3.18	58.1	3.7	0.2	439	0.3	0.5	0.4	34	0.06	0.128

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	Method	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
	Analyte	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	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
2636252	Soil	8	15	0.22	96	0.061	<20	1.69	0.008	0.06	0.1	0.07	2.7	0.3	<0.05	13	0.6	<0.2
2636253	Soil	6	16	0.52	102	0.149	<20	1.64	0.013	0.06	<0.1	0.06	2.3	0.1	<0.05	16	1.1	<0.2
2636254	Soil	11	6	0.31	647	0.023	<20	1.71	0.011	0.09	<0.1	0.45	4.2	0.5	<0.05	6	2.1	0.4
2636255	Soil	9	3	0.31	720	0.006	<20	1.83	0.009	0.13	<0.1	0.43	5.7	0.4	<0.05	6	1.2	<0.2
2636256	Soil	4	3	0.24	1057	0.009	<20	1.39	0.008	0.15	<0.1	0.59	5.9	0.4	<0.05	4	1.3	0.2
2636257	Soil	9	2	0.19	711	0.010	<20	1.08	0.015	0.15	<0.1	0.68	6.6	0.4	0.15	4	1.4	0.2
2636258	Soil	5	2	0.12	410	0.002	<20	1.89	0.011	0.15	<0.1	0.62	6.2	0.4	0.20	4	0.8	<0.2
2636259	Soil	5	2	0.18	1220	0.007	<20	1.28	0.022	0.17	<0.1	0.35	7.3	0.2	0.16	4	1.0	<0.2
2636260	Soil	11	3	0.33	736	0.003	<20	1.44	0.009	0.11	<0.1	0.36	6.1	0.2	<0.05	5	0.6	<0.2
2636261	Soil	13	<1	0.10	1102	0.002	<20	1.04	0.052	0.25	<0.1	1.69	5.1	0.3	0.53	3	1.4	<0.2
2636262	Soil	9	6	0.31	418	0.014	<20	1.58	0.009	0.08	<0.1	0.56	4.3	0.6	<0.05	6	2.5	0.3
2636263	Soil	10	5	0.33	787	0.018	<20	1.30	0.011	0.10	<0.1	0.57	5.6	0.5	<0.05	5	1.4	0.3
2636264	Soil	8	<1	0.33	777	0.008	<20	1.87	0.008	0.10	<0.1	0.44	4.8	0.5	0.07	6	1.8	0.2
2636265	Soil	26	2	0.57	1311	0.015	<20	2.32	0.015	0.13	<0.1	0.30	12.5	0.4	0.06	9	0.6	<0.2
2636266	Soil	21	2	0.95	1301	0.054	<20	2.26	0.017	0.13	<0.1	0.24	10.7	0.3	<0.05	9	0.9	<0.2
2636267	Soil	20	3	0.46	1108	0.044	<20	1.78	0.016	0.11	0.1	0.36	6.7	0.2	<0.05	7	1.4	<0.2
2636268	Soil	17	2	0.88	1050	0.087	<20	2.43	0.015	0.19	<0.1	0.35	10.7	0.2	<0.05	10	0.8	<0.2
2636269	Soil	18	1	0.50	687	0.149	<20	1.31	0.018	0.14	<0.1	0.18	8.4	0.1	<0.05	5	0.7	<0.2
2636270	Soil	9	5	0.38	475	0.034	<20	1.68	0.008	0.10	<0.1	0.28	5.1	0.6	0.05	6	2.6	0.4
2636271	Soil	11	10	0.25	136	0.235	<20	2.97	0.021	0.06	0.2	0.14	2.8	0.2	0.08	13	0.6	<0.2
2636272	Soil	11	8	0.18	185	0.154	<20	2.62	0.015	0.05	0.2	0.21	2.2	0.2	0.05	14	0.7	<0.2
2636273	Soil	8	10	0.15	162	0.126	<20	2.35	0.013	0.06	0.2	0.21	1.4	0.2	0.10	15	1.2	<0.2
2636274	Soil	17	1	0.04	2869	0.009	<20	5.13	0.004	0.04	<0.1	0.14	13.6	0.7	0.21	12	2.0	<0.2
2636275	Soil	10	2	0.15	294	0.006	<20	1.83	0.009	0.11	<0.1	0.19	1.8	<0.1	0.07	5	0.5	<0.2
2636276	Soil	5	2	0.07	486	0.007	<20	1.69	0.038	0.11	<0.1	2.87	1.0	0.5	0.24	5	0.6	<0.2
2636277	Soil	2	1	0.12	1032	0.010	<20	1.01	0.007	0.16	<0.1	0.73	4.6	0.2	<0.05	3	<0.5	<0.2
2636278	Soil	19	1	0.14	1134	0.006	<20	1.28	0.059	0.30	<0.1	0.67	11.2	0.3	0.60	5	1.0	<0.2
2636279	Soil	29	<1	0.12	743	0.002	<20	1.26	0.017	0.15	<0.1	0.50	3.9	0.1	0.15	4	<0.5	<0.2
2636280	Soil	7	4	0.11	659	0.008	<20	2.14	0.025	0.13	<0.1	0.35	1.3	0.3	0.20	6	0.6	<0.2
2636281	Soil	8	3	0.09	637	0.005	<20	1.98	0.024	0.14	<0.1	0.22	1.6	0.7	0.27	6	1.2	<0.2

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Client: **Golden Ridge Resources Ltd**
110 - 2300 Carrington Road
West Kelowna BC V2T 2N6 CANADA

Project: Hank
Report Date: September 11, 2014

CERTIFICATE OF ANALYSIS SMI14000476.1

		Method	FA430	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
		Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.005	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
2636282	Soil		0.014	2.3	20.3	15.3	79	0.9	5.9	13.1	567	3.50	14.8	12.0	0.2	82	0.2	0.4	0.5	44	0.06	0.084
2636283	Soil		0.006	2.1	14.6	17.6	50	0.2	1.8	7.0	935	2.85	23.5	4.6	0.3	238	0.3	0.4	0.5	25	0.05	0.132
2636284	Soil		<0.005	0.7	19.0	8.8	98	<0.1	3.6	14.4	895	3.97	8.9	4.0	1.2	33	0.2	3.7	<0.1	71	0.35	0.154
2636285	Soil		0.007	0.7	18.4	9.2	82	<0.1	4.4	13.5	1064	3.91	10.2	4.0	1.1	41	0.2	3.7	<0.1	70	0.41	0.154
2636286	Soil		0.005	0.6	16.4	8.5	79	<0.1	3.3	12.3	957	3.76	10.6	3.6	1.2	71	0.2	4.4	<0.1	74	0.73	0.158
2636287	Soil		0.014	1.0	16.8	9.2	61	<0.1	2.8	11.2	552	3.90	10.8	4.0	0.5	53	0.1	2.2	0.1	66	0.30	0.084
2636288	Soil		0.015	5.2	46.6	15.5	104	<0.1	2.7	10.3	421	3.05	32.4	8.0	3.0	357	0.6	1.9	0.6	73	0.51	0.091
2636289	Soil		<0.005	0.8	14.6	7.2	34	<0.1	1.3	16.9	2130	1.58	30.4	1.1	1.6	55	0.2	4.7	<0.1	15	0.60	0.149
2636290	Soil		0.006	1.1	33.1	12.8	78	<0.1	2.9	9.7	1430	3.42	19.9	4.3	2.4	78	0.2	2.5	0.3	65	0.44	0.119
2636291	Soil		<0.005	1.2	16.1	14.0	30	0.1	0.8	14.4	194	3.66	179.9	3.4	1.3	331	0.2	22.6	<0.1	27	0.16	0.165
2636292	Soil		<0.005	0.6	10.1	7.6	42	0.1	1.4	21.7	2098	2.18	16.5	1.3	1.0	44	0.1	1.4	<0.1	23	0.69	0.157
2636293	Soil		0.006	1.5	7.7	46.3	1	0.2	0.1	<0.1	4	4.51	52.4	3.9	0.7	128	<0.1	1.1	<0.1	22	0.02	0.017
2636294	Soil		0.005	1.3	42.5	14.8	69	<0.1	2.4	11.0	253	4.41	47.0	2.6	3.1	761	<0.1	0.8	<0.1	55	0.38	0.194
2636295	Soil		0.005	1.1	12.5	19.1	10	0.1	1.1	2.4	81	2.58	65.1	3.9	1.0	341	<0.1	0.7	<0.1	30	0.19	0.056
2636296	Soil		0.006	1.2	23.2	15.2	50	0.1	2.5	8.1	1413	2.98	24.2	4.7	0.3	65	0.1	0.9	0.1	56	0.21	0.122
2636297	Soil		0.006	2.6	22.0	12.1	80	0.2	3.3	9.7	1296	3.08	14.2	5.2	<0.1	46	0.3	1.1	0.2	58	0.07	0.076
2636298	Soil		0.036	0.9	14.4	11.5	53	<0.1	2.2	7.9	550	2.93	9.1	3.3	0.2	48	<0.1	0.6	0.2	51	0.28	0.103
2636299	Soil		0.006	2.0	14.5	9.9	71	0.2	4.5	6.9	781	3.01	8.3	1.6	<0.1	17	0.1	0.4	0.2	48	0.05	0.094
2636300	Soil		0.005	0.7	15.2	9.4	94	<0.1	2.6	14.8	990	3.98	6.9	1.8	1.0	71	0.1	3.9	<0.1	66	0.64	0.136
2636301	Soil		0.007	1.2	27.7	11.4	89	0.1	4.2	13.7	831	3.66	13.3	3.7	0.6	51	0.3	0.4	<0.1	30	0.23	0.056
2636302	Soil		0.010	0.7	36.7	6.6	98	<0.1	3.2	15.7	1432	5.36	7.6	1.3	1.8	42	0.2	0.5	<0.1	95	0.86	0.246
2636303	Soil		<0.005	0.6	27.9	5.6	60	0.1	3.3	12.9	1262	3.69	6.2	1.9	1.5	22	0.2	0.3	<0.1	58	0.68	0.190
2636304	Soil		0.009	1.6	22.6	11.5	69	0.1	3.5	12.2	802	3.44	12.0	67.1	1.4	28	0.2	0.8	0.1	35	0.23	0.069
2636305	Soil		0.006	2.0	18.1	13.3	49	0.2	2.6	5.6	279	3.18	17.7	7.0	1.4	49	0.1	1.2	<0.1	22	0.26	0.080
2636306	Soil		0.008	1.5	30.3	14.3	74	0.1	4.8	13.7	743	3.45	9.4	3.2	1.5	24	0.2	2.1	0.2	41	0.22	0.066
2636307	Soil		0.010	2.1	33.6	17.9	132	0.1	5.7	17.1	868	4.56	22.4	5.0	0.9	19	0.3	1.3	0.2	48	0.17	0.105
2636308	Soil		0.009	1.9	36.2	14.2	90	0.1	5.5	14.2	772	3.90	11.7	4.6	1.0	26	0.2	1.4	0.2	49	0.31	0.078
2636309	Soil		0.006	0.9	40.9	11.5	87	<0.1	5.9	15.6	821	3.90	7.2	1.4	1.3	24	<0.1	0.8	0.1	45	0.32	0.076
2636310	Soil		0.009	1.0	30.4	13.1	91	0.1	5.1	18.9	1357	4.26	7.2	0.6	1.5	25	0.2	0.6	0.1	45	0.28	0.086
2636311	Soil		0.008	1.0	30.2	11.8	84	<0.1	4.5	15.1	795	3.72	7.0	3.4	1.4	37	0.1	0.8	0.1	43	0.32	0.063

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110 - 2300 Carrington Road
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Project: Hank
Report Date: September 11, 2014

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		Method	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
		Analyte	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	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
2636282	Soil		5	6	0.24	257	0.049	<20	1.69	0.013	0.10	<0.1	0.44	2.4	0.2	0.06	7	1.3	<0.2
2636283	Soil		3	2	0.07	374	0.004	<20	1.88	0.016	0.12	<0.1	0.29	1.4	0.4	0.15	4	0.7	<0.2
2636284	Soil		18	2	0.79	373	0.101	<20	3.74	0.020	0.11	<0.1	0.15	8.9	0.2	<0.05	10	0.8	<0.2
2636285	Soil		22	3	0.75	465	0.118	<20	3.37	0.018	0.11	<0.1	0.14	8.5	0.2	<0.05	10	0.8	<0.2
2636286	Soil		20	2	0.70	995	0.163	<20	2.10	0.022	0.12	<0.1	0.10	8.9	0.2	<0.05	8	0.5	<0.2
2636287	Soil		11	2	0.33	490	0.022	<20	2.20	0.010	0.11	<0.1	0.11	4.2	0.2	<0.05	6	0.5	<0.2
2636288	Soil		9	3	0.08	1782	0.029	<20	0.83	0.033	0.19	<0.1	0.38	4.5	0.9	0.09	2	0.6	0.2
2636289	Soil		16	<1	0.07	648	0.002	<20	0.72	0.015	0.19	<0.1	0.23	4.6	2.3	<0.05	2	0.7	<0.2
2636290	Soil		11	2	0.15	1040	0.046	<20	1.06	0.019	0.18	<0.1	0.23	4.7	0.6	<0.05	3	<0.5	<0.2
2636291	Soil		25	<1	0.05	812	0.058	<20	1.09	0.164	0.20	<0.1	0.48	6.4	5.7	0.67	4	<0.5	<0.2
2636292	Soil		15	<1	0.13	381	0.002	<20	1.02	0.011	0.23	<0.1	0.09	5.7	0.5	<0.05	3	<0.5	<0.2
2636293	Soil		1	<1	<0.01	281	<0.001	<20	0.26	0.016	0.32	<0.1	0.62	3.0	3.9	0.76	5	<0.5	<0.2
2636294	Soil		19	<1	0.04	1763	0.005	<20	0.64	0.020	0.35	<0.1	0.15	7.5	0.8	0.49	2	<0.5	<0.2
2636295	Soil		6	1	0.03	1423	0.002	<20	0.46	0.015	0.26	<0.1	0.65	3.2	0.9	0.44	2	<0.5	<0.2
2636296	Soil		11	3	0.16	779	0.045	<20	2.07	0.013	0.14	0.1	0.13	2.7	0.6	0.07	5	<0.5	<0.2
2636297	Soil		9	3	0.12	478	0.017	<20	1.62	0.012	0.10	<0.1	0.19	0.9	0.4	0.09	5	0.8	<0.2
2636298	Soil		9	2	0.18	840	0.019	<20	1.39	0.012	0.15	<0.1	0.22	2.5	0.2	<0.05	4	0.6	<0.2
2636299	Soil		7	5	0.18	251	0.018	<20	2.25	0.013	0.13	<0.1	0.18	1.1	0.2	0.06	9	0.5	<0.2
2636300	Soil		21	2	0.71	1092	0.118	<20	2.34	0.023	0.13	<0.1	0.16	9.3	0.2	<0.05	10	0.8	<0.2
2636301	Soil		3	2	0.11	1481	0.002	<20	0.73	0.006	0.14	<0.1	0.50	8.1	0.3	<0.05	2	0.5	<0.2
2636302	Soil		14	2	0.33	682	0.016	<20	1.19	0.013	0.16	<0.1	1.41	13.9	<0.1	<0.05	4	0.7	<0.2
2636303	Soil		14	1	0.12	822	0.007	<20	0.73	0.009	0.17	<0.1	0.35	11.1	0.2	<0.05	2	1.0	<0.2
2636304	Soil		6	<1	0.25	525	0.002	<20	1.26	0.011	0.13	<0.1	0.27	6.3	0.5	0.08	4	1.2	<0.2
2636305	Soil		8	2	0.14	428	0.003	<20	0.75	0.019	0.17	<0.1	0.65	3.9	0.6	0.22	3	1.9	0.3
2636306	Soil		5	5	0.24	474	0.004	<20	1.32	0.011	0.11	<0.1	0.25	6.4	1.2	<0.05	4	<0.5	<0.2
2636307	Soil		8	7	0.26	245	0.002	<20	2.48	0.007	0.08	<0.1	1.38	4.3	0.7	<0.05	6	<0.5	0.2
2636308	Soil		7	6	0.32	457	0.005	<20	1.73	0.012	0.11	<0.1	0.13	6.2	0.8	<0.05	5	<0.5	<0.2
2636309	Soil		5	5	0.34	559	0.003	<20	1.55	0.010	0.11	<0.1	0.12	7.0	0.5	<0.05	4	<0.5	<0.2
2636310	Soil		6	4	0.30	517	0.003	<20	1.58	0.009	0.11	<0.1	0.09	8.6	0.5	<0.05	5	<0.5	<0.2
2636311	Soil		4	4	0.31	656	0.003	<20	1.50	0.010	0.11	<0.1	0.11	6.6	0.4	<0.05	4	<0.5	<0.2

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	Method	FA430	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.005	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
2636312	Soil	0.008	0.6	30.0	11.8	68	0.1	4.0	15.0	908	3.46	7.4	2.8	1.4	17	<0.1	0.6	0.1	31	0.38	0.075
2636313	Soil	0.019	1.1	30.5	16.9	74	0.2	4.4	11.9	769	3.58	13.8	3.0	1.1	59	0.2	1.0	0.2	41	0.31	0.074
2636314	Soil	0.013	1.8	32.0	19.6	91	0.3	5.8	16.4	1025	3.81	17.3	20.5	1.4	39	0.3	1.7	0.2	46	0.29	0.078
2636315	Soil	0.031	2.9	24.9	52.2	138	0.3	5.7	14.0	2147	4.16	32.7	24.5	0.6	12	0.2	4.7	0.3	44	0.11	0.144
2636316	Soil	0.007	3.2	16.6	20.8	78	0.2	8.4	10.3	980	4.51	14.7	2.6	1.6	12	0.1	6.4	0.2	56	0.14	0.103
2636317	Soil	0.012	2.2	20.4	36.8	98	0.3	5.2	10.7	1453	4.39	27.6	8.3	1.9	20	0.1	6.7	0.3	41	0.15	0.136
2636318	Soil	0.015	1.2	16.0	23.1	74	0.1	3.2	6.6	941	3.03	14.4	6.4	0.5	22	<0.1	2.1	0.2	37	0.28	0.127
2636319	Soil	0.017	1.1	18.4	34.6	108	0.2	3.1	7.2	1428	3.75	14.7	11.2	1.2	25	0.2	3.5	0.2	41	0.33	0.111
2636320	Soil	0.006	1.6	21.4	29.7	136	0.2	4.2	7.9	1162	4.52	14.4	13.2	3.0	27	0.2	4.2	0.2	42	0.39	0.118
2636321	Soil	0.005	1.5	25.7	33.8	152	0.1	4.9	9.1	1882	4.34	10.3	5.6	3.8	28	0.4	3.3	0.1	42	0.46	0.129
2636322	Soil	<0.005	1.1	21.6	25.0	112	0.1	5.3	8.0	2033	3.58	7.0	<0.5	3.4	24	<0.1	2.8	0.1	41	0.46	0.149
2636323	Soil	<0.005	0.5	16.8	27.0	80	0.1	1.6	6.0	1970	3.11	8.2	2.8	3.4	29	<0.1	8.4	0.1	26	0.46	0.121
2636324	Soil	0.007	0.5	6.1	8.5	26	0.2	0.4	0.8	114	6.21	20.0	<0.5	0.8	80	<0.1	2.5	<0.1	66	0.12	0.134
2636325	Soil	0.009	1.1	26.2	11.3	43	0.2	3.6	8.3	444	2.61	7.3	4.0	0.2	19	0.3	0.3	0.1	46	0.10	0.091
2636326	Soil	0.005	2.2	24.8	12.3	69	0.1	7.7	11.2	1032	3.74	8.6	3.2	0.6	21	<0.1	0.5	0.1	66	0.21	0.179
2636327	Soil	<0.005	0.9	10.9	9.9	26	<0.1	0.9	5.9	287	2.79	31.3	<0.5	0.8	163	<0.1	1.0	<0.1	28	0.17	0.078
2636351	Soil	0.006	1.2	66.7	6.5	84	<0.1	11.4	20.4	927	5.61	20.8	5.5	0.9	44	<0.1	2.3	<0.1	128	0.49	0.111
2636352	Soil	0.012	2.1	82.5	12.1	129	0.5	31.3	20.9	1169	4.84	16.6	4.7	1.0	73	0.5	1.8	<0.1	121	1.14	0.133
2636353	Soil	<0.005	1.8	47.9	8.4	67	0.2	9.9	18.1	446	5.16	10.4	0.6	0.6	41	0.2	0.5	<0.1	135	0.36	0.070
2636354	Soil	0.007	1.5	44.4	5.2	80	0.3	7.1	11.8	703	4.17	7.6	1.0	0.3	151	0.2	1.1	<0.1	97	1.38	0.145
2636355	Soil	0.008	1.8	52.0	7.6	90	0.7	11.4	15.4	1411	6.00	11.3	2.3	0.4	19	0.3	0.8	<0.1	155	0.12	0.327
2636356	Soil	0.006	2.7	41.8	10.6	104	0.5	7.3	9.9	1115	3.82	9.9	2.8	<0.1	124	0.4	0.8	0.1	104	1.22	0.102
2636357	Soil	<0.005	1.8	49.7	8.6	109	0.4	14.4	20.7	1505	6.02	13.9	<0.5	0.5	36	0.3	1.0	<0.1	150	0.48	0.103
2636358	Soil	0.005	1.7	47.3	5.8	73	0.2	7.4	11.1	622	4.32	9.8	3.0	0.1	208	0.1	1.1	<0.1	108	1.66	0.124
2636359	Soil	0.182	2.3	261.2	41.6	193	0.8	25.3	31.2	2633	6.73	50.9	24.3	1.3	45	1.1	2.9	0.2	170	0.92	0.155
2636360	Soil	0.026	3.0	120.2	38.5	176	0.3	22.6	22.0	1344	6.08	50.8	6.7	0.6	24	0.6	2.3	0.3	161	0.27	0.132
2636361	Soil	<0.005	2.4	30.5	6.3	106	<0.1	2.7	25.2	2731	5.89	25.9	<0.5	2.1	42	0.3	0.7	<0.1	40	0.42	0.157
2636362	Soil	<0.005	2.3	32.4	6.7	65	<0.1	3.3	23.1	1641	5.81	28.4	1.0	1.5	103	0.2	1.0	0.2	41	2.36	0.167
2636363	Soil	0.012	1.7	47.1	5.3	85	0.1	7.3	26.9	3068	6.01	18.7	11.2	1.7	48	0.3	1.4	0.3	76	0.55	0.180
2636364	Soil	<0.005	1.5	21.4	17.0	56	<0.1	2.4	9.7	471	3.47	12.3	1.6	2.1	36	0.1	0.8	4.2	41	0.40	0.118

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Client: **Golden Ridge Resources Ltd**
110 - 2300 Carrington Road
West Kelowna BC V2T 2N6 CANADA

Project: Hank
Report Date: September 11, 2014

CERTIFICATE OF ANALYSIS SMI14000476.1

	Method	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
	Analyte	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	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
2636312	Soil	5	3	0.30	327	0.002	<20	1.21	0.010	0.10	<0.1	0.13	7.7	0.3	<0.05	4	<0.5	<0.2
2636313	Soil	6	5	0.25	625	0.004	<20	1.53	0.011	0.11	<0.1	0.10	6.0	0.4	0.08	4	<0.5	<0.2
2636314	Soil	7	7	0.29	525	0.006	<20	1.49	0.011	0.10	<0.1	0.23	6.6	0.5	0.06	5	0.7	<0.2
2636315	Soil	18	6	0.21	238	0.013	<20	1.54	0.010	0.11	0.1	0.45	2.6	1.0	0.06	6	0.8	<0.2
2636316	Soil	22	10	0.32	209	0.180	<20	2.45	0.027	0.09	0.1	0.46	2.7	1.0	0.09	11	<0.5	<0.2
2636317	Soil	26	6	0.20	298	0.032	<20	1.67	0.016	0.13	0.2	0.75	3.3	0.8	0.12	9	<0.5	<0.2
2636318	Soil	22	4	0.18	367	0.008	<20	1.77	0.009	0.09	<0.1	0.67	1.8	0.3	0.07	5	<0.5	<0.2
2636319	Soil	27	4	0.17	535	0.004	<20	1.47	0.010	0.09	<0.1	0.82	2.6	0.4	0.09	5	<0.5	0.3
2636320	Soil	28	4	0.22	224	0.012	<20	1.00	0.008	0.12	<0.1	0.82	4.0	0.6	0.18	4	<0.5	<0.2
2636321	Soil	31	4	0.26	367	0.005	<20	1.03	0.009	0.14	<0.1	0.79	5.8	0.6	0.12	4	<0.5	<0.2
2636322	Soil	32	4	0.21	330	0.006	<20	0.94	0.008	0.12	<0.1	0.86	5.3	0.3	0.08	3	<0.5	<0.2
2636323	Soil	34	1	0.13	434	0.002	<20	0.60	0.006	0.11	<0.1	1.34	4.8	0.8	0.11	2	<0.5	<0.2
2636324	Soil	11	<1	0.16	309	0.009	<20	1.00	0.057	0.56	<0.1	2.63	5.0	0.9	1.64	7	<0.5	<0.2
2636325	Soil	11	3	0.19	290	0.011	<20	2.64	0.011	0.15	<0.1	0.13	2.1	0.2	<0.05	6	1.0	<0.2
2636326	Soil	18	5	0.28	190	0.028	<20	2.60	0.016	0.18	<0.1	0.09	6.6	0.2	0.06	6	<0.5	<0.2
2636327	Soil	5	<1	0.07	975	0.007	<20	0.83	0.043	0.21	<0.1	0.25	3.0	0.5	0.29	3	<0.5	<0.2
2636351	Soil	8	13	0.58	297	0.018	<20	1.55	0.008	0.13	<0.1	0.30	13.7	<0.1	<0.05	4	<0.5	<0.2
2636352	Soil	13	37	1.24	330	0.072	<20	2.23	0.021	0.12	<0.1	0.60	9.5	0.2	0.05	7	0.6	<0.2
2636353	Soil	6	17	0.57	348	0.014	<20	2.77	0.009	0.05	<0.1	0.18	7.8	<0.1	<0.05	9	0.6	<0.2
2636354	Soil	10	11	0.54	572	0.010	<20	1.83	0.010	0.06	<0.1	0.26	6.1	<0.1	0.09	5	0.5	<0.2
2636355	Soil	4	20	0.57	146	0.046	<20	2.51	0.009	0.04	0.1	0.19	5.5	<0.1	0.05	9	<0.5	<0.2
2636356	Soil	13	14	0.39	401	0.041	<20	1.77	0.014	0.05	<0.1	0.23	3.0	<0.1	0.07	9	<0.5	<0.2
2636357	Soil	4	19	0.75	404	0.023	<20	2.60	0.009	0.06	<0.1	0.19	6.2	<0.1	<0.05	7	<0.5	<0.2
2636358	Soil	4	12	0.45	499	0.014	<20	1.56	0.012	0.05	<0.1	0.23	3.1	<0.1	0.11	6	0.7	<0.2
2636359	Soil	18	31	1.35	270	0.091	<20	2.28	0.015	0.20	0.1	0.17	19.5	0.3	<0.05	8	<0.5	<0.2
2636360	Soil	9	30	0.94	278	0.041	<20	2.59	0.011	0.09	0.1	0.06	8.6	0.1	<0.05	10	<0.5	0.2
2636361	Soil	11	<1	0.08	767	0.001	<20	0.57	0.006	0.15	<0.1	0.54	12.0	0.6	0.13	1	0.5	1.1
2636362	Soil	10	<1	0.38	67	0.001	<20	0.47	0.008	0.17	<0.1	0.38	12.1	0.4	3.33	<1	0.6	0.2
2636363	Soil	16	4	0.37	530	0.003	<20	1.28	0.016	0.18	<0.1	0.28	13.0	0.4	0.27	4	0.8	0.6
2636364	Soil	13	2	0.10	651	<0.001	<20	0.51	0.004	0.16	<0.1	0.79	6.8	0.2	0.15	2	2.0	0.2

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Client: **Golden Ridge Resources Ltd**
110 - 2300 Carrington Road
West Kelowna BC V2T 2N6 CANADA

Project: Hank
Report Date: September 11, 2014

CERTIFICATE OF ANALYSIS SMI14000476.1

	Method	FA430	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.005	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
2636365	Soil	0.017	2.4	75.5	8.3	110	0.2	12.2	55.1	3963	9.61	25.1	13.1	1.3	33	0.4	1.6	1.1	157	0.47	0.222
2636366	Soil	<0.005	1.6	40.8	23.0	95	0.2	4.0	21.9	1957	5.59	18.9	3.1	2.0	95	0.5	1.2	0.2	65	0.87	0.199
2636367	Soil	<0.005	0.9	18.4	11.1	35	0.1	1.5	22.8	2519	2.85	5.7	2.0	1.6	108	<0.1	0.2	<0.1	30	0.81	0.131
2636368	Soil	<0.005	0.6	49.3	9.1	30	0.1	4.0	10.7	730	1.90	7.6	2.8	4.4	55	<0.1	0.3	<0.1	28	0.80	0.171
2636369	Soil	0.006	1.3	7.0	9.2	9	0.1	0.6	1.9	135	6.98	84.0	2.9	1.6	332	<0.1	8.5	<0.1	21	0.11	0.116
2636370	Soil	<0.005	1.4	5.3	8.0	7	<0.1	0.8	0.9	38	1.65	61.8	5.0	0.4	45	<0.1	12.7	<0.1	14	0.07	0.014
2636371	Soil	<0.005	2.3	21.2	28.7	141	0.2	1.6	2.6	141	4.80	132.8	5.6	1.1	31	<0.1	1.2	0.2	78	<0.01	0.035
2636372	Soil	0.021	3.4	17.3	29.9	32	0.3	1.5	3.5	198	2.21	122.8	21.7	1.3	183	<0.1	7.0	<0.1	48	0.04	0.059
2636373	Soil	<0.005	1.6	100.8	16.5	168	0.3	4.8	31.2	2246	4.82	22.1	3.9	3.3	59	<0.1	11.8	<0.1	74	0.83	0.297

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Client: **Golden Ridge Resources Ltd**
110 - 2300 Carrington Road
West Kelowna BC V2T 2N6 CANADA

Project: Hank
Report Date: September 11, 2014

CERTIFICATE OF ANALYSIS SMI14000476.1

	Method	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
	Analyte	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	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
2636365	Soil	27	9	1.83	518	0.035	<20	2.84	0.064	0.11	<0.1	1.15	21.5	0.7	0.10	11	1.6	1.2
2636366	Soil	15	<1	0.17	441	0.001	<20	0.58	0.013	0.18	<0.1	0.71	10.2	0.3	0.39	2	1.4	0.3
2636367	Soil	13	1	0.15	387	0.002	<20	1.18	0.017	0.26	<0.1	2.51	10.0	0.1	0.10	3	<0.5	<0.2
2636368	Soil	18	2	0.32	227	0.007	<20	0.84	0.005	0.25	<0.1	0.08	5.2	<0.1	0.08	2	<0.5	<0.2
2636369	Soil	9	<1	0.03	276	0.002	<20	0.62	0.469	0.47	<0.1	3.03	2.7	5.1	2.38	4	<0.5	<0.2
2636370	Soil	<1	1	0.03	675	<0.001	<20	0.67	0.009	0.23	<0.1	1.50	1.7	4.9	0.08	5	0.9	<0.2
2636371	Soil	1	2	0.04	411	0.024	<20	0.79	0.007	0.11	<0.1	0.07	4.2	2.2	0.14	4	<0.5	<0.2
2636372	Soil	4	2	0.06	591	0.004	<20	0.81	0.017	0.18	<0.1	1.02	3.5	4.1	0.24	4	<0.5	<0.2
2636373	Soil	28	2	0.10	814	0.018	<20	0.87	0.009	0.30	<0.1	1.09	6.5	0.4	0.10	3	<0.5	<0.2

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Client: **Golden Ridge Resources Ltd**
110 - 2300 Carrington Road
West Kelowna BC V2T 2N6 CANADA

Project: Hank
Report Date: September 11, 2014

QUALITY CONTROL REPORT SMI14000476.1

		Method	FA430	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
		Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.005	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																						
1747708	Soil		0.006	1.8	9.7	25.0	11	0.2	0.4	5.7	158	16.55	193.9	2.6	1.9	144	<0.1	0.2	<0.1	63	0.02	0.143
REP 1747708	QC			1.8	9.4	24.4	10	0.2	0.4	5.7	149	15.85	188.4	2.5	1.8	146	<0.1	0.2	<0.1	59	0.02	0.136
2636062	Soil		0.009	1.1	20.9	10.9	91	0.1	8.1	14.5	1324	4.15	9.9	6.2	2.2	43	0.2	1.6	0.1	56	0.31	0.157
REP 2636062	QC		0.008																			
2636068	Soil		<0.005	2.0	20.7	10.4	82	<0.1	7.3	10.5	603	3.38	13.1	3.5	1.2	15	0.1	1.5	0.1	50	0.15	0.164
REP 2636068	QC		0.008																			
2636085	Soil		0.034	6.4	35.8	33.0	148	1.0	5.9	13.0	3588	6.67	51.7	10.2	0.2	15	0.2	0.8	0.3	84	0.15	0.172
REP 2636085	QC			6.2	36.7	32.3	149	1.0	5.6	13.2	3623	6.60	52.2	32.3	0.2	15	0.3	0.9	0.2	81	0.14	0.169
2636240	Soil		0.018	4.3	18.2	14.8	82	0.2	7.8	8.8	816	5.20	55.3	25.6	0.9	8	0.1	3.9	0.4	49	0.06	0.087
REP 2636240	QC			3.9	18.6	15.5	79	0.2	7.5	8.5	785	5.14	55.8	18.1	1.0	8	0.1	3.9	0.4	49	0.06	0.090
2636241	Soil		0.070	2.2	48.8	22.4	117	0.5	6.9	17.1	1587	5.63	107.7	53.1	1.5	21	0.4	7.0	0.3	67	0.26	0.141
REP 2636241	QC			2.4	48.5	22.5	115	0.6	6.9	17.8	1558	5.80	110.1	55.1	1.4	22	0.5	7.2	0.3	67	0.26	0.141
2636259	Soil		0.013	1.2	15.6	9.6	51	<0.1	2.7	12.1	581	3.47	13.3	7.1	1.1	152	0.1	0.5	0.1	37	0.17	0.103
REP 2636259	QC		0.010																			
2636265	Soil		0.010	1.2	19.9	11.0	81	0.2	3.1	20.6	2803	4.52	7.1	6.0	1.0	41	0.4	0.5	<0.1	70	0.64	0.186
REP 2636265	QC		0.010																			
2636290	Soil		0.006	1.1	33.1	12.8	78	<0.1	2.9	9.7	1430	3.42	19.9	4.3	2.4	78	0.2	2.5	0.3	65	0.44	0.119
REP 2636290	QC			1.2	32.9	12.7	79	<0.1	2.9	9.0	1520	3.39	20.5	4.4	2.4	77	0.3	2.5	0.3	65	0.44	0.129
2636326	Soil		0.005	2.2	24.8	12.3	69	0.1	7.7	11.2	1032	3.74	8.6	3.2	0.6	21	<0.1	0.5	0.1	66	0.21	0.179
REP 2636326	QC			2.3	26.0	12.7	76	0.1	7.0	12.5	1065	3.86	9.1	5.1	0.7	22	0.2	0.6	0.1	67	0.20	0.190
2636373	Soil		<0.005	1.6	100.8	16.5	168	0.3	4.8	31.2	2246	4.82	22.1	3.9	3.3	59	<0.1	11.8	<0.1	74	0.83	0.297
REP 2636373	QC			1.4	98.5	16.3	164	0.3	5.1	30.2	2258	4.78	20.9	4.8	3.3	56	0.4	12.0	<0.1	73	0.85	0.297
Reference Materials																						
STD DS10	Standard			12.3	152.6	147.3	357	1.7	77.2	12.1	818	2.63	46.8	83.5	5.7	61	2.7	7.2	10.2	45	1.04	0.079
STD DS10	Standard			12.3	158.3	148.0	361	1.8	74.8	12.3	869	2.68	46.5	71.9	6.2	59	2.7	8.1	10.1	45	1.03	0.071
STD DS10	Standard			14.6	168.3	152.9	379	2.0	76.7	13.2	956	2.84	46.2	59.8	7.3	68	2.1	9.6	12.4	46	1.14	0.080
STD DS10	Standard			13.8	165.2	156.3	381	1.8	73.6	13.3	917	2.81	44.8	70.8	6.9	65	2.5	8.8	12.4	44	1.09	0.078
STD DS10	Standard			12.3	149.6	151.4	365	1.8	73.3	12.2	855	2.77	47.5	46.6	6.1	60	2.7	8.0	10.1	43	0.98	0.077

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Client: **Golden Ridge Resources Ltd**
110 - 2300 Carrington Road
West Kelowna BC V2T 2N6 CANADA

Project: Hank
Report Date: September 11, 2014

QUALITY CONTROL REPORT SMI14000476.1

	Method	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
	Analyte	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	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1747708	Soil	7	<1	<0.01	374	0.002	<20	0.62	0.102	0.27	<0.1	1.06	1.8	0.7	0.81	2	<0.5	<0.2
REP 1747708	QC	7	<1	<0.01	373	0.002	<20	0.61	0.102	0.26	<0.1	1.02	1.7	0.7	0.78	2	<0.5	<0.2
2636062	Soil	18	5	0.46	1012	0.031	<20	2.54	0.017	0.16	<0.1	0.13	9.5	0.2	<0.05	9	0.8	<0.2
REP 2636062	QC																	
2636068	Soil	14	6	0.36	133	0.036	<20	2.57	0.021	0.15	<0.1	0.11	6.4	0.2	<0.05	7	0.6	<0.2
REP 2636068	QC																	
2636085	Soil	20	12	0.22	688	0.018	<20	2.56	0.007	0.05	0.1	0.13	2.7	0.2	<0.05	11	0.8	<0.2
REP 2636085	QC	21	12	0.22	704	0.018	<20	2.58	0.007	0.05	0.2	0.15	2.8	0.2	<0.05	11	1.1	<0.2
2636240	Soil	24	11	0.23	95	0.042	<20	2.85	0.019	0.06	0.3	0.24	2.1	0.4	0.09	15	1.0	<0.2
REP 2636240	QC	26	10	0.23	96	0.044	<20	2.83	0.020	0.06	0.3	0.25	2.2	0.4	0.09	15	<0.5	0.2
2636241	Soil	12	9	0.37	647	0.020	<20	1.32	0.011	0.09	<0.1	1.05	7.3	1.0	<0.05	5	1.2	0.3
REP 2636241	QC	12	9	0.35	587	0.021	<20	1.36	0.009	0.09	<0.1	0.97	7.6	0.9	<0.05	5	1.8	0.3
2636259	Soil	5	2	0.18	1220	0.007	<20	1.28	0.022	0.17	<0.1	0.35	7.3	0.2	0.16	4	1.0	<0.2
REP 2636259	QC																	
2636265	Soil	26	2	0.57	1311	0.015	<20	2.32	0.015	0.13	<0.1	0.30	12.5	0.4	0.06	9	0.6	<0.2
REP 2636265	QC																	
2636290	Soil	11	2	0.15	1040	0.046	<20	1.06	0.019	0.18	<0.1	0.23	4.7	0.6	<0.05	3	<0.5	<0.2
REP 2636290	QC	11	2	0.16	1091	0.048	<20	1.14	0.021	0.18	<0.1	0.22	4.7	0.6	<0.05	3	<0.5	<0.2
2636326	Soil	18	5	0.28	190	0.028	<20	2.60	0.016	0.18	<0.1	0.09	6.6	0.2	0.06	6	<0.5	<0.2
REP 2636326	QC	19	6	0.30	194	0.028	<20	2.71	0.016	0.18	<0.1	0.13	6.4	0.2	0.07	7	<0.5	<0.2
2636373	Soil	28	2	0.10	814	0.018	<20	0.87	0.009	0.30	<0.1	1.09	6.5	0.4	0.10	3	<0.5	<0.2
REP 2636373	QC	29	2	0.09	814	0.019	<20	0.84	0.010	0.29	0.1	1.17	6.0	0.4	0.10	2	<0.5	<0.2
Reference Materials																		
STD DS10	Standard	17	54	0.75	402	0.079	<20	0.97	0.068	0.31	2.8	0.28	3.0	5.0	0.26	4	2.2	4.7
STD DS10	Standard	15	53	0.73	408	0.081	<20	0.93	0.062	0.33	3.0	0.29	3.0	5.1	0.22	4	2.3	4.9
STD DS10	Standard	17	57	0.81	439	0.080	<20	1.06	0.059	0.34	4.0	0.32	2.8	5.1	0.33	4	1.9	5.4
STD DS10	Standard	16	56	0.78	416	0.075	<20	1.00	0.057	0.32	3.2	0.31	2.5	5.3	0.32	4	2.2	5.2
STD DS10	Standard	15	54	0.77	409	0.076	<20	1.00	0.060	0.33	3.1	0.29	3.1	5.2	0.27	4	3.4	4.9

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West Kelowna BC V2T 2N6 CANADA

Project: Hank
Report Date: September 11, 2014

QUALITY CONTROL REPORT SMI14000476.1

		FA430 Au ppm 0.005	AQ200 Mo ppm 0.1	AQ200 Cu ppm 0.1	AQ200 Pb ppm 0.1	AQ200 Zn ppm 1	AQ200 Ag ppm 0.1	AQ200 Ni ppm 0.1	AQ200 Co ppm 0.1	AQ200 Mn ppm 1	AQ200 Fe % 0.01	AQ200 As ppm 0.5	AQ200 Au ppb 0.5	AQ200 Th ppm 0.1	AQ200 Sr ppm 1	AQ200 Cd ppm 0.1	AQ200 Sb ppm 0.1	AQ200 Bi ppm 0.1	AQ200 V ppm 2	AQ200 Ca % 0.01	AQ200 P % 0.001
STD DS10	Standard		11.2	146.5	147.6	330	1.8	68.4	11.5	808	2.48	44.7	70.4	5.4	58	2.4	7.4	10.2	40	0.97	0.078
STD DS10	Standard		16.3	154.4	162.4	353	1.8	75.5	12.2	895	2.79	46.6	120.4	6.5	65	2.6	9.2	12.3	43	1.00	0.085
STD OREAS45EA	Standard		1.5	709.2	12.1	30	0.3	367.7	49.4	391	24.06	11.5	50.6	8.6	3	<0.1	0.3	0.2	275	0.03	0.029
STD OREAS45EA	Standard		1.5	720.9	12.4	31	0.2	342.3	47.3	373	23.22	10.7	57.6	8.5	3	<0.1	0.4	0.2	266	0.04	0.030
STD OREAS45EA	Standard		1.7	722.1	13.8	30	0.3	371.0	52.2	423	26.33	11.4	44.3	10.2	4	<0.1	0.4	0.3	311	0.03	0.030
STD OREAS45EA	Standard		1.8	711.9	14.0	30	0.3	373.2	52.2	423	26.39	10.5	47.8	10.3	4	<0.1	0.4	0.2	313	0.04	0.027
STD OREAS45EA	Standard		1.5	659.0	11.7	29	0.2	332.8	46.4	354	22.65	9.8	45.4	8.1	3	<0.1	0.3	0.2	256	0.03	0.026
STD OREAS45EA	Standard		1.4	643.7	11.6	28	0.2	323.3	44.0	368	22.36	9.9	47.1	7.8	3	<0.1	0.3	0.2	257	0.03	0.029
STD OREAS45EA	Standard		1.6	709.7	13.8	32	0.2	385.6	51.3	405	25.43	12.3	48.7	9.1	4	<0.1	0.5	0.3	290	0.03	0.033
STD OXD108	Standard	0.423																			
STD OXD108	Standard	0.428																			
STD OXD108	Standard	0.419																			
STD OXD108	Standard	0.409																			
STD OXI121	Standard	1.793																			
STD OXI121	Standard	1.748																			
STD OXI121	Standard	1.767																			
STD OXI121	Standard	1.819																			
STD OXN117	Standard	7.513																			
STD OXN117	Standard	7.837																			
STD OXN117	Standard	7.792																			
STD OXN117	Standard	7.904																			
STD DS10 Expected			14.69	154.61	150.55	370	2.02	74.6	12.9	875	2.7188	43.7	91.9	7.5	67.1	2.49	8.23	11.65	43	1.0625	0.073
STD OREAS45EA Expected			1.39	709	14.3	28.9	0.26	381	52	400	23.51	9.1	53	10.7	3.5	0.02	0.2	0.26	303	0.036	0.029
STD OXD108 Expected		0.414																			
STD OXN117 Expected		7.679																			
STD OXI121 Expected		1.834																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			

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Client: **Golden Ridge Resources Ltd**
110 - 2300 Carrington Road
West Kelowna BC V2T 2N6 CANADA

Project: Hank
Report Date: September 11, 2014

QUALITY CONTROL REPORT SMI14000476.1

		AQ200 La ppm 1	AQ200 Cr ppm 1	AQ200 Mg % 0.01	AQ200 Ba ppm 1	AQ200 Ti % 0.001	AQ200 B ppm 20	AQ200 Al % 0.01	AQ200 Na % 0.001	AQ200 K % 0.01	AQ200 W ppm 0.1	AQ200 Hg ppm 0.01	AQ200 Sc ppm 0.1	AQ200 Tl ppm 0.1	AQ200 S % 0.05	AQ200 Ga ppm 1	AQ200 Se ppm 0.5	AQ200 Te ppm 0.2
STD DS10	Standard	14	52	0.73	372	0.071	<20	0.91	0.062	0.30	3.9	0.27	2.7	4.8	0.26	4	2.5	4.6
STD DS10	Standard	17	54	0.78	427	0.077	<20	1.07	0.069	0.34	3.5	0.27	2.7	5.1	0.33	4	2.1	4.9
STD OREAS45EA	Standard	7	826	0.11	142	0.100	<20	3.06	0.024	0.05	<0.1	0.01	79.6	<0.1	<0.05	12	1.6	<0.2
STD OREAS45EA	Standard	6	787	0.11	142	0.095	<20	3.09	0.025	0.05	<0.1	<0.01	74.3	<0.1	<0.05	11	1.1	<0.2
STD OREAS45EA	Standard	7	894	0.09	144	0.097	<20	2.87	0.019	0.05	<0.1	0.01	80.7	<0.1	<0.05	13	1.2	<0.2
STD OREAS45EA	Standard	7	897	0.09	140	0.100	<20	2.87	0.018	0.05	<0.1	<0.01	79.3	<0.1	<0.05	12	1.1	<0.2
STD OREAS45EA	Standard	6	744	0.10	135	0.089	<20	2.86	0.021	0.05	<0.1	0.01	73.2	<0.1	<0.05	11	0.9	<0.2
STD OREAS45EA	Standard	6	762	0.10	135	0.091	<20	2.83	0.021	0.05	<0.1	0.01	74.4	<0.1	<0.05	11	1.2	<0.2
STD OREAS45EA	Standard	7	861	0.09	142	0.099	<20	3.16	0.020	0.05	<0.1	0.01	80.4	<0.1	<0.05	13	1.3	<0.2
STD OXD108	Standard																	
STD OXD108	Standard																	
STD OXD108	Standard																	
STD OXD108	Standard																	
STD OXI121	Standard																	
STD OXI121	Standard																	
STD OXI121	Standard																	
STD OXI121	Standard																	
STD OXN117	Standard																	
STD OXN117	Standard																	
STD OXN117	Standard																	
STD OXN117	Standard																	
STD DS10 Expected		17.5	54.6	0.775	359	0.0817		1.0259	0.067	0.338	3.32	0.3	2.8	5.1	0.29	4.3	2.3	5.01
STD OREAS45EA Expected		6.57	849	0.095	148	0.0875		3.13	0.02	0.053			78	0.072	0.036	11.7	0.6	0.07
STD OXD108 Expected																		
STD OXN117 Expected																		
STD OXI121 Expected																		
BLK	Blank																	
BLK	Blank																	
BLK	Blank																	

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		FA430 Au ppm 0.005	AQ200 Mo ppm 0.1	AQ200 Cu ppm 0.1	AQ200 Pb ppm 0.1	AQ200 Zn ppm 1	AQ200 Ag ppm 0.1	AQ200 Ni ppm 0.1	AQ200 Co ppm 0.1	AQ200 Mn ppm 1	AQ200 Fe % 0.01	AQ200 As ppm 0.5	AQ200 Au ppb 0.5	AQ200 Th ppm 0.1	AQ200 Sr ppm 1	AQ200 Cd ppm 0.1	AQ200 Sb ppm 0.1	AQ200 Bi ppm 0.1	AQ200 V ppm 2	AQ200 Ca % 0.01	AQ200 P % 0.001
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
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	<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	0.2	<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	<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	<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	<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	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			

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West Kelowna BC V2T 2N6 CANADA

Project: Hank
Report Date: September 11, 2014

QUALITY CONTROL REPORT SMI14000476.1

		AQ200 La ppm 1	AQ200 Cr ppm 1	AQ200 Mg % 0.01	AQ200 Ba ppm 1	AQ200 Ti % 0.001	AQ200 B ppm 20	AQ200 Al % 0.01	AQ200 Na % 0.001	AQ200 K % 0.01	AQ200 W ppm 0.1	AQ200 Hg ppm 0.01	AQ200 Sc ppm 0.1	AQ200 Tl ppm 0.1	AQ200 S % 0.05	AQ200 Ga ppm 1	AQ200 Se ppm 0.5	AQ200 Te ppm 0.2
BLK	Blank																	
BLK	Blank																	
BLK	Blank																	
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank																	
BLK	Blank																	

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Appendix E

TerraSpec mineral identification table

Lab_Tag	UTM_E	UTM_N	Elev	UTM_Zone	Sampler	Date	Year	Description	Test_1_Min_1	Test_1_Min_2	Test_1_Desc	Test_2_Min_1	Test_2_Min_2	Test_2_Desc	Test_3_Min_1	Test_3_Min_2	Test_3_Desc
2638001	409427	6343518	935	Zone 9N	MR	40393	2014		Illite	Phengite	FSFR.2106 Int=10.0 sec grey inside very oxidized and very crumbly	Illite	Phengite	FSFR.2106 Int=10.0 sec grey inside very oxidized and very crumbly			
2638002	409452	6343453	956	Zone 9N	MR	40393	2014		Illite		FSFR.2106 Int=10.0 sec grey	Illite		FSFR.2106 Int=10.0 sec grey			
2638003	409409	6343430	956	Zone 9N	MR	40393	2014		Illite	Jarosite	FSFR.2106 Int=10.0 sec white with black flecks inside reddish brown out	Illite	Jarosite	FSFR.2106 Int=10.0 sec white with black flecks inside reddish brown out			
2638004	409482	6343414	973	Zone 9N	MR	40393	2014		IntChlorite	Muscovite	FSFR.2106 Int=10.0 sec greenish dark grey	Aspectral		FSFR.2106 Int=10.0 sec greenish dark grey			
2638005	409487	6343365	976	Zone 9N	MR	40393	2014		Illite		FSFR.2106 Int=10.0 sec white inside many red specks (pyrite?). Crumbly	Illite		FSFR.2106 Int=10.0 sec white inside many red specks (pyrite?). Crumbly			
2638006	409505	6343318	997	Zone 9N	MR	40393	2014		FeChlorite	Illite	FSFR.2106 Int=10.0 sec grey	FeChlorite	Illite	FSFR.2106 Int=10.0 sec grey			
2638007	409587	6343293	1025	Zone 9N	MR	40393	2014		Illite		FSFR.2106 Int=10.0 sec grey-white larger crystals crumbly	Illite		FSFR.2106 Int=10.0 sec grey-white larger crystals crumbly			
2638008	409627	6343270	1056	Zone 9N	MR	40393	2014		Illite	Jarosite	FSFR.2106 Int=10.0 sec whiteish inside red-yellow outside	Aspectral		FSFR.2106 Int=10.0 sec whiteish inside red-yellow outside			
2638009	409656	6343238	1076	Zone 9N	MR	40393	2014		Illite	MgChlorite	FSFR.2106 Int=10.0 sec whiteish inside yellow-orange outside	Illite	IntChlorite	FSFR.2106 Int=10.0 sec whiteish inside yellow-orange outside			
2638010	409699	6343194	1106	Zone 9N	MR	40393	2014		Illite	Phengite	FSFR.2106 Int=10.0 sec white-orange inside rusty 'pits' banding?	Illite	Phengite	FSFR.2106 Int=10.0 sec white-orange inside rusty 'pits' banding?			
2638011	409746	6343154	1129	Zone 9N	MR	40393	2014		Muscovite		FSFR.2106 Int=10.0 sec white inside lots of pyrite? rusty outside	Muscovite		FSFR.2106 Int=10.0 sec white inside lots of pyrite? rusty outside			
2638012	409765	6343126	1140	Zone 9N	MR	40393	2014		Illite	IntChlorite	FSFR.2106 Int=10.0 sec grey	Illite	Epidote	FSFR.2106 Int=10.0 sec grey			
2638013	409800	6343095	1170	Zone 9N	MR	40393	2014		Illite	FeChlorite	FSFR.2106 Int=10.0 sec grey black specks	Illite		FSFR.2106 Int=10.0 sec grey black specks			
2638014	409831	6343057	1183	Zone 9N	MR	40393	2014		IntChlorite	Illite	FSFR.2106 Int=10.0 sec grey	FeChlorite	Illite	FSFR.2106 Int=10.0 sec grey			
2638015	409864	6343017	1193	Zone 9N	MR	40393	2014		Illite		FSFR.2106 Int=10.0 sec grey band of yellow on outside	Montmorillonite	Ankerite	FSFR.2106 Int=10.0 sec grey band of yellow on outside			
2638016	409898	6342983	1207	Zone 9N	MR	40393	2014		Kaolinite	Illite	FSFR.2106 Int=10.0 sec grey	Montmorillonite	Dickite	FSFR.2106 Int=10.0 sec grey			
2638017	409922	6342937	1222	Zone 9N	MR	40393	2014		Illite	FeChlorite	FSFR.2106 Int=10.0 sec grey with yellowish flecks	FeChlorite	Illite	FSFR.2106 Int=10.0 sec grey with yellowish flecks			
2638018	409961	6342894	1248	Zone 9N	MR	40393	2014		Aspectral		FSFR.2106 Int=10.0 sec reddish brown	Aspectral		FSFR.2106 Int=10.0 sec reddish brown			
2638019	409997	6342874	1264	Zone 9N	MR	40393	2014		IntChlorite		FSFR.2106 Int=10.0 sec grey	Palygorskite	Epidote	FSFR.2106 Int=10.0 sec grey			
2638020	410038	6342822	1294	Zone 9N	MR	40393	2014		Illite		FSFR.2106 Int=10.0 sec grey with pinkish flecks	Illite		FSFR.2106 Int=10.0 sec grey with pinkish flecks			
2638021	410073	6342807	1323	Zone 9N	MR	40393	2014		Illite		FSFR.2106 Int=10.0 sec grey	Illite		FSFR.2106 Int=10.0 sec grey			
2638022	410118	6342768	1340	Zone 9N	MR	40393	2014		Prehnite		FSFR.2106 Int=10.0 sec greeny grey inside rusty outside	Muscovite	Epidote	FSFR.2106 Int=10.0 sec greeny grey inside rusty outside			
2638023	410152	6342729	1359	Zone 9N	MR	40393	2014		Aspectral		FSFR.2106 Int=10.0 sec dark grey	Aspectral		FSFR.2106 Int=10.0 sec dark grey			
2638024	410171	6342691	1372	Zone 9N	MR	40393	2014		Aspectral		FSFR.2106 Int=10.0 sec dark grey	Aspectral		FSFR.2106 Int=10.0 sec dark grey			
2638025	410209	6342655	1400	Zone 9N	MR	40393	2014		Aspectral		FSFR.2106 Int=10.0 sec dark grey	Aspectral		FSFR.2106 Int=10.0 sec dark grey pink/white vein			
2638026	410247	6342619	1422	Zone 9N	MR	40393	2014		Ankerite		FSFR.2106 Int=10.0 sec dark grey pink/white vein	Muscovite		FSFR.2106 Int=10.0 sec grey off-white flecks			
2638027	410282	6342596	1444	Zone 9N	MR	40393	2014		Illite		FSFR.2106 Int=10.0 sec grey off-white flecks	Illite		FSFR.2106 Int=10.0 sec dark red-grey			
2638028	410332	6342466	1476	Zone 9N	MR	40393	2014		Dark		FSFR.2106 Int=10.0 sec dark red-grey	FeChlorite	Illite	FSFR.2106 Int=10.0 sec greeny-grey off-white flecks			
2638029	410383	6342456	1499	Zone 9N	MR	40393	2014		FeChlorite	Illite	FSFR.2106 Int=10.0 sec greeny-grey off-white flecks	IntChlorite	Illite	FSFR.2106 Int=10.0 sec grey some off-white flecks			
2638030	410448	6342503	1538	Zone 9N	MR	40393	2014		Illite	Epidote	FSFR.2106 Int=10.0 sec grey some off-white flecks	Kaolinite		FSFR.2106 Int=10.0 sec light grey very oxidized and breaks easily			
2638031	411000	6342999	1526	Zone 9N	MR	40393	2014		Dickite		FSFR.2106 Int=10.0 sec light grey very oxidized and breaks easily	Illite		FSFR.2106 Int=10.0 sec light grey inside lots of pyrite (?) oxidized			
2638032	410964	6343036	1521	Zone 9N	MR	40393	2014		Illite		FSFR.2106 Int=10.0 sec light grey inside lots of pyrite (?) oxidized	Halloysite		FSFR.2106 Int=10.0 sec black oxidized very light. Reddish crystals			
2638033	410931	6343066	1508	Zone 9N	MR	40393	2014		Wood	Halloysite	FSFR.2106 Int=10.0 sec black oxidized very light. Reddish crystals	Illite		FSFR.2106 Int=10.0 sec black very porous very crumbly	Halloysite		FSFR.2106 Int=10.0 sec black oxidized very light. Reddish crystals
2638034	410895	6343110	1484	Zone 9N	MR	40393	2014		Illite		FSFR.2106 Int=10.0 sec black very porous very crumbly	FeChlorite	Illite	FSFR.2106 Int=10.0 sec grey some pyrite pitted			
2638035	410860	6343144	1468	Zone 9N	MR	40393	2014		Muscovite	IntChlorite	FSFR.2106 Int=10.0 sec grey some pyrite pitted	Muscovite		FSFR.2106 Int=10.0 sec grey-brown very weathered porous			
2638036	410826	6343177	1446	Zone 9N	MR	40393	2014		Muscovite		FSFR.2106 Int=10.0 sec grey-brown very weathered porous	Illite		FSFR.2106 Int=10.0 sec light grey pinkish flecks			
2638037	410787	6343222	1419	Zone 9N	MR	40393	2014		Illite		FSFR.2106 Int=10.0 sec light grey pinkish flecks	IntChlorite		FSFR.2106 Int=10.0 sec dark grey whiteish flecks			
2638038	410754	6343252	1403	Zone 9N	MR	40393	2014		IntChlorite		FSFR.2106 Int=10.0 sec dark grey whiteish flecks	Illite	Kaolinite	FSFR.2106 Int=10.0 sec brown with darker flecks			
2638039	410727	6343291	1385	Zone 9N	MR	40393	2014		Illite	Kaolinite	FSFR.2106 Int=10.0 sec brown with darker flecks	Siderite		FSFR.2106 Int=10.0 sec light grey rusty coloured bands			
2638040	410690	6343326	1363	Zone 9N	MR	40393	2014		Epidote		FSFR.2106 Int=10.0 sec light grey rusty coloured bands	Aspectral		FSFR.2106 Int=10.0 sec dark grey			
2638041	410653	6343364	1328	Zone 9N	MR	40393	2014		Dickite		FSFR.2106 Int=10.0 sec dark grey	FeChlorite	Illite	FSFR.2106 Int=10.0 sec greenish grey			
2638042	410619	6343398	1305	Zone 9N	MR	40393	2014		Illite		FSFR.2106 Int=10.0 sec greenish grey	Aspectral		FSFR.2106 Int=10.0 sec dark grey			
2638043	410586	6343442	1281	Zone 9N	MR	40393	2014		Aspectral		FSFR.2106 Int=10.0 sec dark grey	Illite	FeChlorite	FSFR.2106 Int=10.0 sec greenish grey white flecks			
2638044	410553	6343468	1259	Zone 9N	MR	40393	2014		Illite	FeChlorite	FSFR.2106 Int=10.0 sec greenish grey white flecks	FeChlorite		FSFR.2106 Int=10.0 sec grey with larger white crystals			
2638045	410516	6343499	1230	Zone 9N	MR	40393	2014		Aspectral		FSFR.2106 Int=10.0 sec grey with larger white crystals	FeChlorite	Muscovite	FSFR.2106 Int=10.0 sec grey			
2638046	410479	6343538	1202	Zone 9N	MR	40393	2014		FeChlorite	Muscovite	FSFR.2106 Int=10.0 sec grey	Montmorillonite		FSFR.2106 Int=10.0 sec dark purply grey			
2638047	410443	6343578	1170	Zone 9N	MR	40393	2014		Aspectral		FSFR.2106 Int=10.0 sec dark purply grey	IntChlorite	Illite	FSFR.2106 Int=10.0 sec greenish grey			
2638048	410399	6343607	1130	Zone 9N	MR	40393	2014		IntChlorite	Illite	FSFR.2106 Int=10.0 sec greenish grey	Muscovite		FSFR.2106 Int=10.0 sec greenish grey			
2638049	410343	6343679	1084	Zone 9N	MR	40393	2014		Muscovite		FSFR.2106 Int=10.0 sec greenish grey	Muscovite		FSFR.2106 Int=10.0 sec grey			
2638050	410304	6343726	1062	Zone 9N	MR	40393	2014		Siderite	Muscovite	FSFR.2106 Int=10.0 sec grey	IntChlorite		FSFR.2106 Int=10.0 sec grey			
2638051	407693	6342354	1027.48	Zone 9N	JT	40393	2014		IntChlorite		FSFR.2106 Int=10.0 sec grey	Kaolinite	Illite	FSFR.2106 Int=10.0 sec pinky grey? (few fresh surfaces available)			
2638052	407657	6342395	1044.3	Zone 9N	JT	40393	2014		Kaolinite	Illite	FSFR.2106 Int=10.0 sec pinky grey? (few fresh surfaces available)	Muscovite	IntChlorite	FSFR.2106 Int=10.0 sec grey			
2638053	410005	6344052	910.624	Zone 9N	JT	40394	2014		IntChlorite	Illite	FSFR.2106 Int=10.0 sec grey	Epidote		FSFR.2106 Int=10.0 sec grey			
2638054	409969	6344092	910.724	Zone 9N	JT	40394	2014		IntChlorite	Illite	FSFR.2106 Int=10.0 sec grey	FeChlorite	Illite	FSFR.2106 Int=10.0 sec grey			
2638055	409944	6344130	933.774	Zone 9N	JT	40394	2014		FeChlorite	Illite	FSFR.2106 Int=10.0 sec grey	Aspectral		FSFR.2106 Int=10.0 sec dark grey reddish outside			
2638056	409898	6344177	957.846	Zone 9N	JT	40394	2014		Aspectral		FSFR.2106 Int=10.0 sec dark grey reddish outside	Siderite	Montmorillonite	FSFR.2106 Int=10.0 sec greenish grey			
2638057	409846	6344219	1001.51	Zone 9N	JT	40394	2014		Opal		FSFR.2106 Int=10.0 sec greenish grey	IntChlorite	Illite	FSFR.2106 Int=10.0 sec grey/brown			
2638058	409808	6344264	1048.49	Zone 9N	JT	40394	2014		IntChlorite		FSFR.2106 Int=10.0 sec grey/brown	IntChlorite		FSFR.2106 Int=10.0 sec dark grey			
2638059	409761	6344308	1093.65	Zone 9N	JT	40394	2014		IntChlorite		FSFR.2106 Int=10.0 sec dark grey	Ankerite		FSFR.2106 Int=10.0 sec dark grey areas with flat white crystals			
2638060	409715	6344315	1130.45	Zone 9N	JT	40394	2014		Calcite		FSFR.2106 Int=10.0 sec dark grey areas with flat white crystals	FeChlorite		FSFR.2106 Int=10.0 sec brown weathered			
2638061	409568	6344212	1136.44	Zone 9N	JT	40394	2014		FeChlorite	Ankerite	FSFR.2106 Int=10.0 sec brown weathered	Kaolinite		FSFR.2106 Int=10.0 sec grey oxidized			
2638062	409571	6344270	1175.69	Zone 9N	JT	40394	2014		Kaolinite		FSFR.2106 Int=10.0 sec grey oxidized	Kaolinite		FSFR.2106 Int=10.0 sec light grey orange - dark brown oxidation	Kaolinite	Wood	FSFR.2106 Int=10.0 sec grey oxidized
2638063	410717	6341602	1681.06	Zone 9N	JT	40397	2014		Kaolinite	Dickite	FSFR.2106 Int=10.0 sec light grey orange - dark brown oxidation	Kaolinite		FSFR.2106 Int=10.0 sec light grey orange oxidation			
2638064	410749	6341561	1689.64	Zone 9N	JT	40397	2014		Kaolinite	Dickite	FSFR.2106 Int=10.0 sec light grey orange oxidation	Kaolinite		FSFR.2106 Int=10.0 sec light brown - orange	Kaolinite	Dickite	FSFR.2106 Int=10.0 sec light grey orange oxidation
2638065	410783	6341519	1702.28	Zone 9N	JT	40397	2014		Kaolinite		FSFR.2106 Int=10.0 sec light brown - orange	Kaolinite		FSFR.2106 Int=10.0 sec light grey - brown			
2638066	410817	6341479	1705.49	Zone 9N	JT	40397	2014		Kaolinite		FSFR.2106 Int=10.0 sec light grey - brown	Siderite		FSFR.2106 Int=10.0 sec dark grey - brown			
2638067	410848	6341441	1704.49	Zone 9N	JT	40397	2014		Siderite		FSFR.2106 Int=10.0 sec dark grey - brown	Montmorillonite		FSFR.2106 Int=10.0 sec dark grey			
2638068	410881	6341403	1716.25	Zone 9N	JT	40397	2014		Illite		FSFR.2106 Int=10.0 sec dark grey	Kaolinite		FSFR.2106 Int=10.0 sec light grey - brown			
2638069	410908	6341363	1714.7	Zone 9N	JT	40397	2014		Kaolinite	Dickite	FSFR.2106 Int=10.0 sec light grey - brown	Illite		FSFR.2106 Int=10.0 sec dark grey white spots reddish			
2638070	410933	6341327	1709.12	Zone 9N	JT	40397	2014		Illite		FSFR.2106 Int=10.0 sec dark grey white spots reddish	Montmorillonite	Siderite	FSFR.2106 Int=10.0 sec dark brown - brown			
2638071	410975	6341298	1712.39	Zone 9N	JT	40397	2014		Zoisite		FSFR.2106 Int=10.0 sec dark brown - brown	Aspectral		FSFR.2106 Int=10.0 sec dark brown - dark grey			
2638072	411007	6341264	1698.55	Zone 9N	JT	40397	2014		Aspectral		FSFR.2106 Int=10.0 sec dark brown - dark grey	Aspectral		FSFR.2106 Int=10.0 sec dark brown - dark grey			
2638073	411047	6341232	1668.39	Zone 9N	JT	40397	2014		Aspectral		FSFR.2106 Int=10.0 sec dark brown - dark grey	Aspectral		FSFR.2106 Int=10.0 sec grey some white flecks oxidized			
2638074	411089	6341200	1649.65	Zone 9N	JT	40397	2014		FeTourmaline		FSFR.2106 Int=10.0 sec grey some white flecks oxidized	Montmorillonite	Brucite	FSFR.2106 Int=10.0 sec grey			
2638075	411119	6341159	1613.2	Zone 9N	JT	40397	2014		Illite		FSFR.2106 Int=10.0 sec grey	Palygorskite		FSFR.2106 Int=10.0 sec reddish grey white - light grey flecks			
2638076	411163	6341135	1586.37	Zone 9N	JT	40397	2014		Aspectral		FSFR.2106 Int=10.0 sec reddish grey white - light grey flecks	Muscovite	FeChlorite	FSFR.2106 Int=10.0 sec brown outside dark grey-brown inside			
2638077	409141	6343815	1086.52	Zone 9N	YT	40759	2014		Muscovite	FeChlorite	FSFR.2106 Int=10.0 sec brown outside dark grey-brown inside	Illite		FSFR.2106 Int=10.0 sec brown grey			
2638078	409179	6343760	1055.36	Zone 9N	YT	40759	2014		Illite		FSFR.2106 Int=10.0 sec brown grey	Kaolinite	Illite	FSFR.2106 Int=10.0 sec brown			
2638079	409374	6343553	933.988	Zone 9N	YT	40759	2014		Kaolinite	Illite	FSFR.2106 Int=10.0 sec brown	Opal		FSFR.2106 Int=10.0 sec grey-brown orange - dark orange oxidation	Illite	Kaolinite	FSFR.2106 Int=10.0 sec brown
2638080	411201	6341100	1596.76	Zone 9N	JT	40397	2014		Opal		FSFR.2106 Int=10.0 sec grey-brown orange - dark orange oxidation	Wood	Illite	FSFR.2106 Int=10.0 sec dark grey / black some white flecks	Opal		FSFR.2106 Int=10.0 sec grey-brown orange - dark orange oxidation
2638081	411232	6341063	1592.56	Zone 9N	JT	40397	2014		Aspectral		FSFR.2106 Int=10.0 sec dark grey / black some white flecks	Kaolinite		FSFR.2106 Int=10.0 sec dark brown grey-brown			
2638082	411372	6340924	1507.43	Zone 9N	JT	40397	2014		Kaolinite	Illite	FSFR.2106 Int=10.0 sec dark brown grey-brown	Wood		FSFR.2106 Int=10.0 sec grey - dark grey orange - dark orange oxidation			
2638083	411402	6340886	1502.71	Zone 9N	JT	40397	2014		Siderite	Illite	FSFR.2106 Int=10.0 sec grey - dark grey orange - dark orange oxidation	Kaolinite		FSFR.2106 Int=10.0 sec reddish grey some oxidation			
2638084	411430	6340843	1497.21	Zone 9N	JT	40397	2014		Kaolinite		FSFR.2106 Int=10.0 sec reddish grey some oxidation	Aspectral		FSFR.2106 Int=10.0 sec dark grey some oxidation			
2638086	411468	6340806	1499.34	Zone 9N	JT	40397	2014		Montmorillonite		FSFR.2106 Int=10.0 sec dark grey some oxidation	Montmorillonite	Illite	FSFR.2106 Int=10.0 sec grey some whiteish flecks and oxidation			
2638087	411503	6340767	1498.36	Zone 9N	JT	40397	2014		Opal	Illite	FSFR.2106 Int=10.0 sec grey some whiteish flecks and oxidation	Illite		FSFR.2106 Int=10.0 sec grey some whiteish flecks and oxidation			
2638088	411541	6340733	1487.18	Zone 9N	JT	40397	2014		Illite		FSFR.2106 Int=10.0 sec grey some whiteish flecks and oxidation	Aspectral		FSFR.2106 Int=10.0 sec dark grey - black oxidized			
2638089	411580	6340703	1477.25	Zone 9N	JT	40397	2014		Brucite		FSFR.2106 Int=10.0 sec dark grey - black oxidized	Kaolinite		FSFR.2106 Int=10.0 sec greenish grey oxidized			
2638090	411614	6340667	1467.32	Zone 9N	JT	40397	2014		Kaolinite		FSFR.2106 Int=10.0 sec greenish grey oxidized	Kaolinite		FSFR.2106 Int=10.0 sec grey with lighter flecks some oxidization			
2638091	411653	6340642	1455.03	Zone 9N	JT	40397	2014		Kaolinite	FeChlorite	FSFR.2106 Int=10.0 sec grey with lighter flecks some oxidization	IntChlorite		FSFR.2106 Int=10.0 sec dark grey inside dark brown outside	Kaolinite		FSFR.2106 Int=10.0 sec grey with lighter flecks some oxidization
2638098	408317	6342906	1102.89	Zone 9N	YT	40393	2014		Montmorillonite	Epidote	FSFR.2106 Int=10.0 sec dark grey inside dark brown outside	Illite	Wood	FSFR.2106 Int=10.0 sec dark grey - brown some oxidization			
2638099	408381	6342845	1055.06	Zone 9N	YT	40393	2014		Illite		FSFR.2106 Int=10.0 sec dark grey - brown some oxidization	IntChlorite	DryVegetation	FSFR.2106 Int=10.0 sec grey-brown and light grey			
2638100	408458	6342759	1001.18	Zone 9N	YT	40393	2014		DryVegetation		FSFR.2106 Int=10.0 sec grey-brown and light grey	FeChlorite	Illite	FSFR.2106 Int=10.0 sec greenish grey	Illite	Epidote	FSFR.2106 Int=10.0 sec grey-brown and light grey
2638101	409176	6343184		Zone 9N	MC	41855	2014	outcrop;	FeChlorite	Muscovite	FSFR.2106 Int=10.0 sec greenish grey	FeChlorite	Illite	FSFR.2106 Int=10.0 sec grey			
2638102	409220	6343150		Zone 9N	MC	41855	2014	outcrop;	FeChlorite	Illite	FSFR.2106 Int=10.0 sec grey	FeChlorite	Illite	FSFR.2106 Int=10.0 sec greenish grey			
2638103	409258	6343109		Zone 9N	MC	41855	2014	outcrop;	FeChlorite	Illite	FSFR.2106 Int=10.0 sec greenish grey	FeChlorite	Illite	FSFR.2106 Int=10.0 sec greenish grey			
2638104	409257	6343053		Zone 9N	MC	41855	2014	outcrop;	FeChlorite	Illite	FSFR.2106 Int=10.0 sec greenish grey	FeChlorite	Illite	FSFR.2106 Int=10.0 sec grey-brown			
2638105	409288	6342992		Zone 9N	MC	41855	2014	outcrop;	Illite	IntChlorite	FSFR.2106 Int=10.0 sec grey-brown	FeChlorite		FSFR.2106 Int=10.0 sec grey			
2638106	409317	6342972		Zone 9N	MC	41855	2014	outcrop;	FeChlorite	Illite	FSFR.2106 Int=10.0 sec grey	Muscovite	IntChlorite	FSFR.2106 Int=10.0 sec grey			
2638107	409347	6342907		Zone 9N	MC	41855	2014	outcrop; lower alteration zone	FeChlorite	Muscovite	FSFR.2106 Int=10.0 sec grey	Illite	IntChlorite	FSFR.2106 Int=10.0 sec bluey grey sparkles			
2638108	409362	6342867		Zone 9N	MC	41855	2014	outcrop; lower alteration zone	Illite	IntChlorite	FSFR.2106 Int=10.0 sec bluey grey sparkles	Illite		FSFR.2106 Int=10.0 sec light grey sparkles some chalky white			
2638109	409411	6342860		Zone 9N	MC	41855	2014	outcrop; lower alteration zone	Illite		FSFR.2106 Int=10.0 sec light grey sparkles some chalky white	Illite	Ankerite	FSFR.2106 Int=10.0 sec grey			
2638110	409453	6342832		Zone 9N	MC	41855	2014	outcrop; lower alteration zone	Illite	MgChlorite	FSFR.2106 Int=10.0 sec grey	Illite	Phengite	FSFR.2106 Int=10.0 sec light grey sparkles			
2638111	409512	6342801		Zone 9N	MC	41855	2014	outcrop; lower alteration zone	Illite	Phengite	FSFR.2106 Int=10.0 sec light grey sparkles	FeChlorite	Muscovite	FSFR.2106 Int=10.0 sec grey			
2638112	409545	6342755		Zone 9N	MC	41855	2014	outcrop; road	FeChlorite	Muscovite	FSFR.2106 Int=10.0 sec grey	FeChlorite	Muscovite	FSFR.2106 Int=10.0 sec grey			
2638113	409591	6342737		Zone 9N	MC	41855	2014	outcrop;	Muscovite	Wood	FSFR.2106 Int=10.0 sec grey	Muscovite		FSFR.2106 Int=10.0 sec greenish grey			
2638114	409616	6342692		Zone 9N	MC	41855	2014	outcrop; road	Muscovite		FSFR.2106 Int=10.0 sec greenish grey	Illite	Phengite	FSFR.2106 Int=10.0 sec light reddish grey white vein sparkles			
2638115	409661	6342626		Zone 9N	MC	41855	2014	outcrop;	Illite	Phengite	FSFR.2106 Int=10.0 sec light reddish grey white vein sparkles	Illite		FSFR.2106 Int=10.0 sec reddish grey			
2638116	409697	6342599		Zone 9N	MC	41855	2014	outcrop;	Muscovite	Siderite	FSFR.2106 Int=10.0 sec reddish grey	Aspectral		FSFR.2106 Int=10.0 sec grey			
2638117	409734	6342577		Zone 9N	MC	41855	2014	subcrop; rubble under tree	Phengite		FSFR.2106 Int=10.0 sec grey	Aspectral		FSFR.2106 Int=10.0 sec grey			
2638118	409758	6342554		Zone 9N	MC	41855	2014	outcrop;	Aspectral		FSFR.2106 Int=10.0 sec grey	Illite		FSFR.2106 Int=10.0 sec grey			
2638119	409803	6342544		Zone 9N	MC	41855	2014	outcrop;	Dark		FSFR.2106 Int=10.0 sec grey	IntChlorite	Illite	FSFR.2106 Int=10.0 sec greenish grey			
2638120	409822	6342483		Zone 9N	MC	41855	2014	outcrop;	FeChlorite	Illite	FSFR.2106 Int=10.0 sec greenish grey	Illite		FSFR.2106 Int=10.0 sec greenish grey			
2638121	409876	6342485		Zone 9N	MC	41855	2014	outcrop;	Illite	Epidote	FSFR.2106 Int=10.0 sec greenish grey	Illite		FSFR.2106 Int=10.0 sec grey			
2638122	409905	6342427		Zone 9N	MC	41855	2014	outcrop;	Muscovite		FSFR.2106 Int=10.0 sec grey	Illite		FSFR.2106 Int=10.0 sec reddish grey			
2638123	409986	6342364		Zone 9N	MC	41855	2014	rubble; maroon aglom.	Brucite		FSFR.2106 Int=10.0 sec reddish grey	Illite	FeChlorite	FSFR.2106 Int=10.0 sec greeny grey			
2638124	410096	6342263		Zone 9N	MC	41855	2014	outcrop;	Illite	FeChlorite	FSFR.2106 Int=10.0 sec greeny grey	Illite		FSFR.2106 Int=10.0 sec light grey inside orange outside. Slightly pitted			

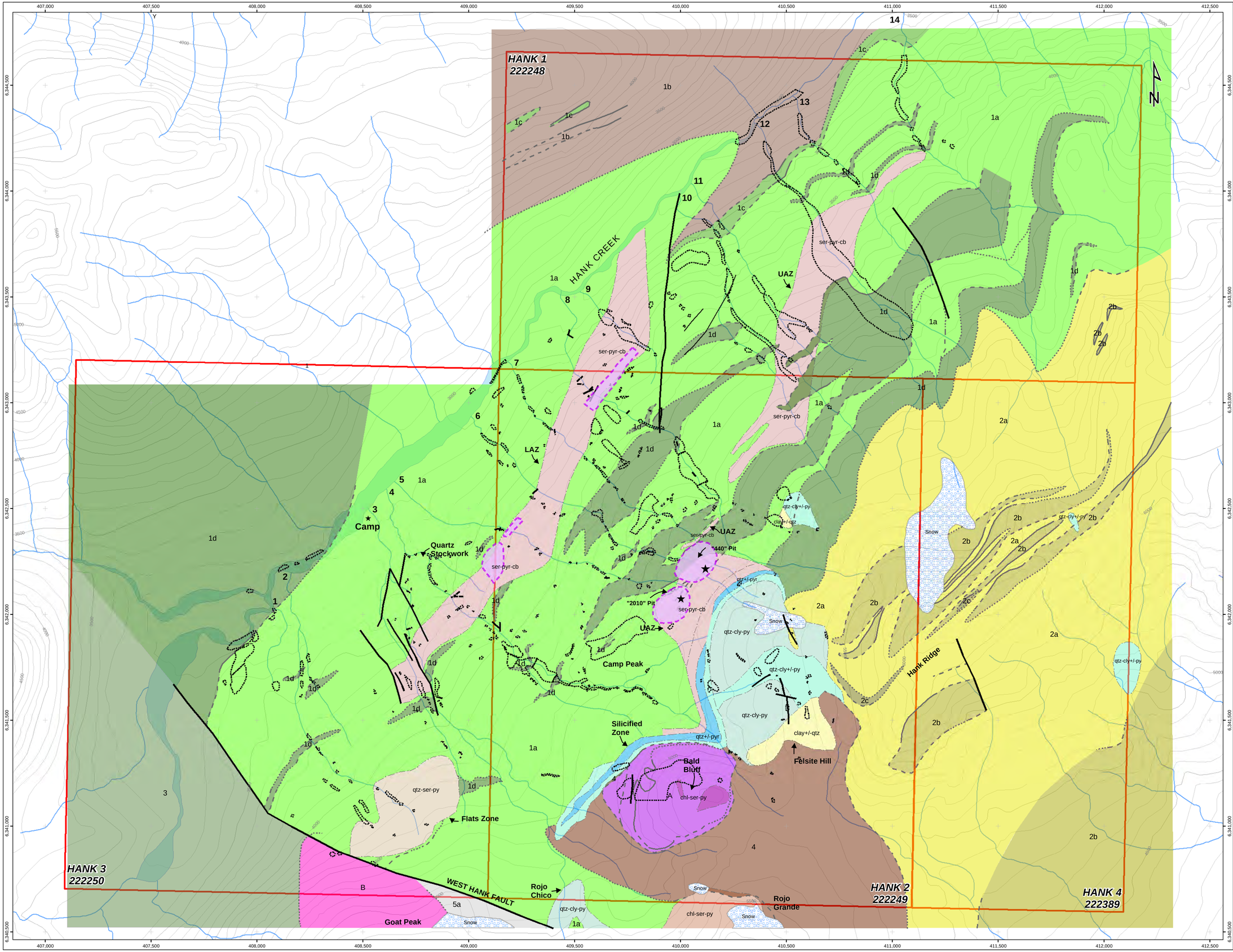
2638125	410260	6342150		Zone 9N	MC	41855	2014	outcrop; silica-clay	Illite			FSFR.2106 Int=10.0 sec	light grey inside orange outside. Slightly pitted	Dickite			FSFR.2106 Int=10.0 sec	chalky white-grey	
2638126	410218	6342114		Zone 9N	MC	41855	2014	outcrop; plag phyric green tuff	Dickite			FSFR.2106 Int=10.0 sec	chalky white-grey	Illite	FeChlorite		FSFR.2106 Int=10.0 sec	greeny grey	
2638127	410050	6342385		Zone 9N	MC	41855	2014	outcrop; plag phyric green tuff	Illite	FeChlorite		FSFR.2106 Int=10.0 sec	greeny grey	Illite			FSFR.2106 Int=10.0 sec	yellowy grey	
2638128	410083	6342343		Zone 9N	MC	41855	2014	outcrop; plag phyric green tuff	Illite	Montmorillonite		FSFR.2106 Int=10.0 sec	yellowy grey	Calcite			FSFR.2106 Int=10.0 sec	greeny grey with white areas	
2638129	410088	6342333		Zone 9N	MC	41855	2014	outcrop; green-gray vfx wallrock fragments in calcite vein	Calcite	Illite		FSFR.2106 Int=10.0 sec	greeny grey with white areas	Illite	Dolomite		FSFR.2106 Int=10.0 sec	grey and white inside orange outside	
2638130	410100	6342301		Zone 9N	MC	41855	2014	outcrop; fractured and calcite flooded tuff	Illite	Ankerite		FSFR.2106 Int=10.0 sec	grey and white inside orange outside	Dickite	Kaolinite		FSFR.2106 Int=10.0 sec	chalky grey and white inside orangey brown out	
2638131	410260	6342058		Zone 9N	MC	41855	2014	float/scree buff clay-sil-carb	Dickite	Kaolinite		FSFR.2106 Int=10.0 sec	chalky grey and white inside orangey brown out	Dickite	Kaolinite		FSFR.2106 Int=10.0 sec	chalky white inside orangey brown out	
2638132	410300	6342034		Zone 9N	MC	41855	2014	float/scree buff clay-sil-carb	Dickite			FSFR.2106 Int=10.0 sec	chalky white inside orangey brown out	Kaolinite	Dickite		FSFR.2106 Int=10.0 sec	light grey core thick chalky white band around	
2638133	410324	6341992		Zone 9N	MC	41855	2014	float/scree dark red sil-clay-py	Kaolinite	Dickite		FSFR.2106 Int=10.0 sec	light grey core thick chalky white band around	Dickite			FSFR.2106 Int=10.0 sec	grey inside orange outside	
2638134	410365	6341956		Zone 9N	MC	41855	2014	float/scree dark red sil-clay-py	Dickite			FSFR.2106 Int=10.0 sec	grey inside orange outside	Dickite			FSFR.2106 Int=10.0 sec	grey inside orange outside	
2638135	410406	6341918		Zone 9N	MC	41855	2014	float/scree dark red sil-clay-py	Dickite			FSFR.2106 Int=10.0 sec	grey inside orange outside	Kaolinite			FSFR.2106 Int=10.0 sec	grey inside band of chalky white orange outside	
2638136	410439	6341887		Zone 9N	MC	41855	2014	float/scree dark red sil-clay-py; top of hill	Kaolinite			FSFR.2106 Int=10.0 sec	grey inside band of chalky white orange outside	Kaolinite	Dickite		FSFR.2106 Int=10.0 sec	chalky white	
2638137	410472	6341851		Zone 9N	MC	41855	2014	felsenmeer; white clay-sil	Dickite	Kaolinite		FSFR.2106 Int=10.0 sec	chalky white	Kaolinite	Dickite		FSFR.2106 Int=10.0 sec	chalky white-grey	
2638138	410517	6341809		Zone 9N	MC	41855	2014	felsenmeer; white clay-sil	Kaolinite			FSFR.2106 Int=10.0 sec	chalky white-grey	Kaolinite	Dickite		FSFR.2106 Int=10.0 sec	chalky white-pinkish pitted in places	
2638139	410539	6341774		Zone 9N	MC	41855	2014	felsenmeer; buff clay - frothy	Kaolinite	Dickite		FSFR.2106 Int=10.0 sec	chalky white-pinkish pitted in places	Dickite			FSFR.2106 Int=10.0 sec	chalky white	
2638140	410586	6341745		Zone 9N	MC	41855	2014	felsenmeer; buff-sil-clay; plag phyric	Dickite			FSFR.2106 Int=10.0 sec	chalky white	Kaolinite			FSFR.2106 Int=10.0 sec	light grey	
2638141	410632	6341698		Zone 9N	MC	41855	2014	outcrop; brown plag phyric tuff	Kaolinite			FSFR.2106 Int=10.0 sec	light grey	Kaolinite	Dickite		FSFR.2106 Int=10.0 sec	light grey with white flecks	
2638142	410676	6341649		Zone 9N	MC	41855	2014	outcrop; brown plag phyric tuff	Kaolinite	Dickite		FSFR.2106 Int=10.0 sec	light grey with white flecks	Kaolinite			FSFR.2106 Int=10.0 sec	grey	
2638143	410681	6341613		Zone 9N	MC	41855	2014	outcrop; brown plag phyric tuff	Kaolinite			FSFR.2106 Int=10.0 sec	grey	Illite	Montmorillonite		FSFR.2106 Int=10.0 sec	white/orange very crumbly	
2638144	409926	6342061		Zone 9N	MC	41856	2014	outcrop; HW of cal vn	Illite	Montmorillonite		FSFR.2106 Int=10.0 sec	white/orange very crumbly	Illite	Montmorillonite		FSFR.2106 Int=10.0 sec	originally grey? Mostly white very crumbly	
2638145	409918	6342067		Zone 9N	MC	41856	2014	outcrop; FW of cal vn	Illite	Montmorillonite		FSFR.2106 Int=10.0 sec	originally grey? Mostly white very crumbly	Illite			FSFR.2106 Int=10.0 sec	light grey crumbly	
2638146	409923	6341570		Zone 9N	MC	41856	2014	outcrop; in creek; green-grey mud	Illite			FSFR.2106 Int=10.0 sec	light grey crumbly	Brucite			FSFR.2106 Int=10.0 sec	light grey	
2638147	409738	6341320		Zone 9N	MC	41856	2014	outcrop; knob of cherty grey silica	Brucite			FSFR.2106 Int=10.0 sec	light grey	Kaolinite	Illite		FSFR.2106 Int=10.0 sec	light greenish grey crumbly	
2638148	409715	6341239		Zone 9N	MC	41856	2014	outcrop; brown carb-clay alt'd tuff	Kaolinite	Illite		FSFR.2106 Int=10.0 sec	light greenish grey crumbly	Dickite			FSFR.2106 Int=10.0 sec	light grey dark rusty colour on outside	
2638149	409495	6340808		Zone 9N	MC	41856	2014	scree-moraine; sil-clay-py rock; below Rojo Chico	Dickite			FSFR.2106 Int=10.0 sec	light grey dark rusty colour on outside	Kaolinite			FSFR.2106 Int=10.0 sec	brownish grey	
2638150	409456	6340858		Zone 9N	MC	41856	2014	outcrop; brown tuff	Kaolinite			FSFR.2106 Int=10.0 sec	brownish grey	Kaolinite	Opal		FSFR.2106 Int=10.0 sec	greenish grey grainy	
2638151	409390	6340981		Zone 9N	MC	40394	2014	outcrop; brown tuff - plag phyric	Kaolinite	Opal		FSFR.2106 Int=10.0 sec	greenish grey grainy	Kaolinite	Dickite		FSFR.2106 Int=10.0 sec	chalky white rusty colour outside	
2638152	409379	6341075		Zone 9N	MC	40394	2014	float; buff-clay-sil alt'd tuff	Kaolinite	Dickite		FSFR.2106 Int=10.0 sec	chalky white rusty colour outside	FeChlorite			FSFR.2106 Int=10.0 sec	grey/dark grey speckled chalky white outside	
2638153	409077	6341065		Zone 9N	MC	40394	2014	float; toe of moraine; buff-weath gd	FeChlorite			FSFR.2106 Int=10.0 sec	grey/dark grey speckled chalky white outside	FeChlorite			FSFR.2106 Int=10.0 sec	greenish grey	
2638154	408990	6341063		Zone 9N	MC	40394	2014	scree; buff fx interm volc	FeChlorite			FSFR.2106 Int=10.0 sec	greenish grey	Dickite			FSFR.2106 Int=10.0 sec	light grey inside dark orange-red outside	
2638155	408935	6341109		Zone 9N	MC	40394	2014	scree; buff clay-sil	Dickite			FSFR.2106 Int=10.0 sec	light grey inside dark orange-red outside	Aspectral			FSFR.2106 Int=10.0 sec	dark grey	
2638156	408898	6341142		Zone 9N	MC	40394	2014	float; orange soil; grey fx interm volc	Aspectral			FSFR.2106 Int=10.0 sec	dark grey	Aspectral			FSFR.2106 Int=10.0 sec	dark grey	
2638157	408870	6341172		Zone 9N	MC	40394	2014	float; orange soil; grey mx andesite	Aspectral			FSFR.2106 Int=10.0 sec	dark grey	Illite			FSFR.2106 Int=10.0 sec	dark greenish grey	
2638158	408816	6341201		Zone 9N	MC	40394	2014	float; orange soil; grey mx andesite	Illite			FSFR.2106 Int=10.0 sec	dark greenish grey	Illite			FSFR.2106 Int=10.0 sec	grey dark rusty colour outside	
2638159	408807	6341253		Zone 9N	MC	40394	2014	float in creek; grey-green vfx siltstone/tuff 1% py	Illite			FSFR.2106 Int=10.0 sec	grey dark rusty colour outside	Illite	Phengite		FSFR.2106 Int=10.0 sec	off-white inside rusty speckles	
2638160	408772	6341295		Zone 9N	MC	40394	2014	float in creek; buff weathering andesitic tuff	Illite	Phengite		FSFR.2106 Int=10.0 sec	off-white inside rusty speckles	Illite			FSFR.2106 Int=10.0 sec	light grey inside very weathered outside	
2638161	408736	6341322		Zone 9N	MC	40394	2014	float in creek; buff weathering andesitic tuff	Illite			FSFR.2106 Int=10.0 sec	light grey inside very weathered outside	Kaolinite			FSFR.2106 Int=10.0 sec	light greeny grey	
2638162	408685	6341358		Zone 9N	MC	40394	2014	float in creek; buff weathering andesitic tuff	Kaolinite			FSFR.2106 Int=10.0 sec	light greeny grey	Illite			FSFR.2106 Int=10.0 sec	off-white inside thick purply grey band outside	
2638163	408653	6341396		Zone 9N	MC	40394	2014	float in creek; brown weathering andesitic tuff	Illite			FSFR.2106 Int=10.0 sec	off-white inside thick purply grey band outside	Kaolinite			FSFR.2106 Int=10.0 sec	grey off-white specks weathered	
2638164	408569	6341421		Zone 9N	MC	40394	2014	float in creek; brown weathering andesitic tuff	Kaolinite			FSFR.2106 Int=10.0 sec	grey off-white specks weathered	Illite	Kaolinite		FSFR.2106 Int=10.0 sec	light brownish grey	
2638165	408545	6341461		Zone 9N	MC	40394	2014	float in creek; brown weathering andesitic tuff	Illite	Kaolinite		FSFR.2106 Int=10.0 sec	light brownish grey	FeChlorite	Muscovite		FSFR.2106 Int=10.0 sec	dark greeny grey	
2638166	408490	6341491		Zone 9N	MC	40394	2014	float in creek; grey-green andesitic tuff	FeChlorite	Muscovite		FSFR.2106 Int=10.0 sec	dark greeny grey	Illite			FSFR.2106 Int=10.0 sec	greeny grey	
2638167	408458	6341525		Zone 9N	MC	40394	2014	float in creek; grey-green andesitic tuff	Illite			FSFR.2106 Int=10.0 sec	greeny grey	IntChlorite			FSFR.2106 Int=10.0 sec	grey	
2638168	408416	6341600		Zone 9N	MC	40394	2014	float in creek; vfx green andesitic tuff	IntChlorite			FSFR.2106 Int=10.0 sec	grey	Illite	FeChlorite		FSFR.2106 Int=10.0 sec	dark greeny grey	
2638169	408274	6341763		Zone 9N	MC	40394	2014	float in creek; vfx green andesitic tuff	FeChlorite	Illite		FSFR.2106 Int=10.0 sec	dark greeny grey	Illite			FSFR.2106 Int=10.0 sec	grey with lighter flecks	
2638170	408241	6341767		Zone 9N	MC	40394	2014	float; creek; green aglom.	Illite	IntChlorite		FSFR.2106 Int=10.0 sec	grey with lighter flecks	MgChlorite			FSFR.2106 Int=10.0 sec	dark purply grey	
2638171	408234	6341806		Zone 9N	MC	40394	2014	outcrop; dark green-black basalt	Aspectral			FSFR.2106 Int=10.0 sec	dark purply grey	Illite			FSFR.2106 Int=10.0 sec	greenish grey	
2638172	408232	6341867		Zone 9N	MC	40394	2014	float; creek, andesite	Illite	FeChlorite		FSFR.2106 Int=10.0 sec	greenish grey	Illite			FSFR.2106 Int=10.0 sec	dark greenish grey	
2638173	408782	6342992		Zone 9N	MC	40397	2014	float; green fvx andesite	Illite			FSFR.2106 Int=10.0 sec	dark greenish grey	FeChlorite	Illite		FSFR.2106 Int=10.0 sec	dark greenish grey	
2638174	408711	6343061		Zone 9N	MC	40397	2014	float; green-brown vfx tuff	FeChlorite	Muscovite		FSFR.2106 Int=10.0 sec	dark greenish grey	Montmorillonite	Epidote		FSFR.2106 Int=10.0 sec	dark grey	
2638175	408622	6343120		Zone 9N	MC	40397	2014	float; green-brown vfx tuff	Siderite			FSFR.2106 Int=10.0 sec	dark grey	Aspectral			FSFR.2106 Int=10.0 sec	grey	
2638176	408597	6343165		Zone 9N	MC	40397	2014	float; green-brown vfx tuff	Siderite	Montmorillonite		FSFR.2106 Int=10.0 sec	grey	Kaolinite	Illite		FSFR.2106 Int=10.0 sec	light reddish grey lighter flecks	
2638177	412077	6342903		Zone 9N	MC	40397	2014	outcrop; brown cal veined tuff?	Kaolinite			FSFR.2106 Int=10.0 sec	light reddish grey lighter flecks	Epidote			FSFR.2106 Int=10.0 sec	dark grey	
2638178	412039	6342695		Zone 9N	MC	40397	2014	float; dark green basalt	Opal	Siderite		FSFR.2106 Int=10.0 sec	dark grey	Zoisite			FSFR.2106 Int=10.0 sec	dark grey	
2638179	411981	6342610		Zone 9N	MC	40397	2014	float; dark green basalt	Phengite			FSFR.2106 Int=10.0 sec	dark grey	Montmorillonite	Illite		FSFR.2106 Int=10.0 sec	dark greeny grey crumbly	
2638180	411660	6342257		Zone 9N	MC	40397	2014	outcrop; sil-py alt'd fsp porphyry andesite	Illite	Opal		FSFR.2106 Int=10.0 sec	dark greeny grey crumbly	Illite	Gypsum		FSFR.2106 Int=10.0 sec	grey with lighter flecks dark orange outside	
2638181	411710	6342262		Zone 9N	MC	40397	2014	subcrop; sil-py alt'd fsp porph andesite	Illite			FSFR.2106 Int=10.0 sec	grey with lighter flecks dark orange outside	Kaolinite			FSFR.2106 Int=10.0 sec	light grey with lighter flecks	
2638182	411764	6342261		Zone 9N	MC	40397	2014	outcrop; fresh and sil-clay alt'd andesite	Kaolinite			FSFR.2106 Int=10.0 sec	light grey with lighter flecks	Kaolinite			FSFR.2106 Int=10.0 sec	grey inside lighter grey band outside	
2638183	411816	6342271		Zone 9N	MC	40397	2014	outcrop; sil-py alt'd fsp porphyry andesite	Kaolinite			FSFR.2106 Int=10.0 sec	grey inside lighter grey band outside	Dickite			FSFR.2106 Int=10.0 sec	grey with lighter flecks some chalky white	
2638184	411859	6342295		Zone 9N	MC	40397	2014	outcrop; silica-clay	Kaolinite	Dickite		FSFR.2106 Int=10.0 sec	grey with lighter flecks some chalky white	Kaolinite			FSFR.2106 Int=10.0 sec	grey	
2638185	411903	6342321		Zone 9N	MC	40397	2014	outcrop; grey andesite	Kaolinite	Phengite		FSFR.2106 Int=10.0 sec	grey	Muscovite			FSFR.2106 Int=10.0 sec	light greeny brown	
2638201	410301	6343719	1059	Zone 9N	MR	40393	2014		Muscovite	DryVegetation		FSFR.2106 Int=10.0 sec	Light greeny brown	Illite	DryVegetation		FSFR.2106 Int=10.0 sec	greyish brown	
2638202	410276	6343762	1039	Zone 9N	MR	40393	2014		Illite	DryVegetation		FSFR.2106 Int=10.0 sec	greyish brown	FeChlorite	Muscovite		FSFR.2106 Int=10.0 sec	grey	
2638203	410232	6343792	1029	Zone 9N	MR	40393	2014		Illite	FeChlorite		FSFR.2106 Int=10.0 sec	grey	Illite	FeChlorite		FSFR.2106 Int=10.0 sec	grey	
2638204	410204	6343858	1008	Zone 9N	MR	40393	2014		Illite	FeChlorite		FSFR.2106 Int=10.0 sec	grey	Illite			FSFR.2106 Int=10.0 sec	pinkish grey with green flecks	
2638205	410147	6343917	974	Zone 9N	MR	40393	2014		Illite	Opal		FSFR.2106 Int=10.0 sec	pinkish grey with green flecks	Muscovite			FSFR.2106 Int=10.0 sec	grey with reddish brown	
2638206	410095	6343939	966	Zone 9N	MR	40393	2014		Illite			FSFR.2106 Int=10.0 sec	grey with reddish brown	Calcite			FSFR.2106 Int=10.0 sec	greenish grey with white veins	
2638207	410067	6343985	939	Zone 9N	MR	40393	2014		Calcite			FSFR.2106 Int=10.0 sec	greenish grey with white veins	Kaolinite	Dickite		FSFR.2106 Int=10.0 sec	grey inside with white rind orange outside	
2638208	410248	6341449	1520	Zone 9N	MR	40393	2014		Dickite			FSFR.2106 Int=10.0 sec	grey inside with white rind orange outside	Aspectral			FSFR.2106 Int=10.0 sec	dark reddish brown very porous and crumbly	
2638209	410216	6341484	1513	Zone 9N	MR	40393	2014		Aspectral			FSFR.2106 Int=10.0 sec	dark reddish brown very porous and crumbly	Dickite			FSFR.2106 Int=10.0 sec	grey inside orange outside	
2638210	410181	6341523	1500	Zone 9N	MR	40393	2014		Dickite	Kaolinite		FSFR.2106 Int=10.0 sec	grey inside orange outside	Dickite			FSFR.2106 Int=10.0 sec	light grey - white inside orange outside	
2638211	410144	6341558	1499	Zone 9N	MR	40393	2014		Dickite			FSFR.2106 Int=10.0 sec	light grey - white inside orange outside	Illite	NH Alunite		FSFR.2106 Int=10.0 sec	grey inside light orange outside	
2638212	410108	6341595	1491	Zone 9N	MR	40393	2014		Illite	NH Alunite		FSFR.2106 Int=10.0 sec	grey inside light orange outside	Illite	Jarosite		FSFR.2106 Int=10.0 sec	grey inside orange outside	
2638213	410075	6341632	1479	Zone 9N	MR	40393	2014		Illite			FSFR.2106 Int=10.0 sec	grey inside orange outside	Illite			FSFR.2106 Int=10.0 sec	grey inside orange outside	
2638214	410042	6341667	1470	Zone 9N	MR	40393	2014		Muscovite	Zoisite		FSFR.2106 Int=10.0 sec	grey inside orange outside	Dickite	Kaolinite		FSFR.2106 Int=10.0 sec	powdery light grey inside orange-red outside	
2638215	410005	6341702	1466	Zone 9N	MR	40393	2014		Dickite	Kaolinite		FSFR.2106 Int=10.0 sec	powdery light grey inside orange-red outside	Dickite			FSFR.2106 Int=10.0 sec	grey inside orange outside	
2638216	409971	6341741	1466	Zone 9N	MR	40393	2014		Dickite			FSFR.2106 Int=10.0 sec	grey inside orange outside	Kaolinite	Illite		FSFR.2106 Int=10.0 sec	pinkish grey	
2638217	409941	6341776	1463	Zone 9N	MR	40393	2014		Kaolinite	Illite		FSFR.2106 Int=10.0 sec	pinkish grey	K Alunite	Dickite		FSFR.2106 Int=10.0 sec	grey inside rusty red outside	
2638218	409900	6341811	1460	Zone 9N	MR	40393	2014		K Alunite	Dickite		FSFR.2106 Int=10.0 sec	grey inside rusty red outside	Dickite			FSFR.2106 Int=10.0 sec	grey inside orangy outside	
2638219	409869	6341847	1465	Zone 9N	MR	40393	2014		Dickite			FSFR.2106 Int=10.0 sec	grey inside orangy outside	Prehnite	Epidote		FSFR.2106 Int=10.0 sec	grey with whiteish veins	
2638221	410209	6341515	1515.32	Zone 9N	AT	40397	2014	Outcrop, White soft	Dickite			FSFR.2106 Int=10.0 sec	chalky white-grey	Illite			FSFR.2106 Int=10.0 sec	chalky white-grey	
2638222	410172	6341580	1508	Zone 9N	AT	40397	2014	Silica	Illite			FSFR.2106 Int=10.0 sec	chalky white-grey	Illite			FSFR.2106 Int=10.0 sec	light grey	
2638223	410126	6341641	1505.3	Zone 9N	AT	40397	2014	Grey Silica	Illite			FSFR.2106 Int=10.0 sec	light grey	Illite	Magnesite		FSFR.2106 Int=10.0 sec	grey pitted chalky yellow in areas	
2638224	410108	6341671	1489.99	Zone 9N	AT	40397	2014	Grey vuggy silica mantle ferricite	Illite			FSFR.2106 Int=10.0 sec	grey pitted chalky yellow in areas	Illite			FSFR.2106 Int=10.0 sec	chalky grey white	
2638225	410074	6341713	1481.37	Zone 9N	AT	40397	2014	Grey silica subcrop in small draw	Illite			FSFR.2106 Int=10.0 sec	chalky grey white	FeChlorite	Muscovite		FSFR.2106 Int=10.0 sec	greenish grey	
2638226	409884	6341928	1483.44	Zone 9N	AT	40397	2014	andesitic fp outcrop	FeChlorite	Illite		FSFR.2106 Int=10.0 sec	greenish grey	Illite	FeChlorite		FSFR.2106 Int=10.0 sec	greenish grey	
2638227	409847	6341981	1480.93	Zone 9N	AT	40397	2014	same as last	Muscovite	FeChlorite		FSFR.2106 Int=10.0 sec	greenish grey	FeChlorite	Muscovite		FSFR.2106 Int=10.0 sec	greenish grey	
2638228	409818	6342005	1449.68	Zone 9N	AT	40397	2014	SOS	FeChlorite	Muscovite		FSFR.2106 Int=10.0 sec	greenish grey	Muscovite	IntChlorite		FSFR.2106 Int=10.0 sec	greenish grey	
2638229	409780	6342028	1417.4	Zone 9N	AT	40397	2014	SOS	Muscovite	IntChlorite		FSFR.2106 Int=10.0 sec	greenish grey	Illite	Phengite		FSFR.2106 Int=10.0 sec	greenish grey-brown	
2638230	409683	6342171	1331.68	Zone 9N	AT	40397	2014	Altered volc. Near carb-qtz veins	Illite	Phengite		FSFR.2106 Int=10.0 sec	greenish grey-brown	Illite	Kaolinite		FSFR.2106 Int=10.0 sec	greenish grey-brown	
2638231	409648	6342202	1304.81	Zone 9N	AT	40397	2014	Mottled white green pink creek outcrop	Illite	Kaolinite		FSFR.2106 Int=10.0 sec	greenish grey-brown	Illite	Kaolinite		FSFR.2106 Int=10.0 sec	grey-brown	
2638232	409620	6342220	1283.93	Zone 9N	AT	40397	2014	Outcrop in creek crystal tuff	Illite	Kaolinite		FSFR.2106 Int=10.0 sec	grey-brown	Illite	Kaolinite		FSFR.2106 Int=10.0 sec	light grey-brown	
2638233	409520	6342250	1243.21	Zone 9N	AT	40397	2014	outcrop below road in creek	Illite	Kaolinite		FSFR.2106 Int=10.0 sec	light grey-brown	FeChlorite	Muscovite		FSFR.2106 Int=10.0 sec	greenish grey	
2638234	409451	6342243	1234.49	Zone 9N	AT	40397	2014	Fresher outcrop	FeChlorite	Muscovite		FSFR.2106 Int=10.0 sec	greenish grey	Aspectral			FSFR.2106 Int=10.0 sec	grey	
2638235	409396	6342274	1220.4	Zone 9N	AT	40397	2014		Illite			FSFR.2106 Int=10.0 sec	grey	Illite	FeChlorite		FSFR.2106 Int=10.0 sec	greenish grey	
2638236	409334	6342308	1181.15	Zone 9N	AT	40397	2014	Outcrop westside of creek	FeChlorite	Illite		FSFR.2106 Int=10.0 sec	greenish grey	Illite			FSFR.2106 Int=10.0 sec	light grey with sparkles	
2638237	409277	6342370	1146.67	Zone 9N	AT	40397	2014	pyritic spheriodal rhyolite	Illite	Phengite		FSFR.2106 Int=10.0 sec	light grey with sparkles	Illite	Phengite		FSFR.2106 Int=10.0 sec	light grey with sparkles	
2638238	409207	6342390	1119.1	Zone 9N	AT	40397	2014	Py+ Carb altered lapilli tuff	Illite	Phengite		FSFR.2106 Int=10.0 sec	light grey with sparkles	Illite	Kaolinite		FSFR.2106 Int=10.0 sec	grey-brown	
2638239	409156	6342409	1106.41	Zone 9N	AT	40397	2014	Hem+ Carb boudinaged up lap tuff creek	Illite			FSFR.2106 Int=10.0 sec	grey-brown	Illite			FSFR.2106 Int=10.0 sec	grey (greenish)	
2638240	411313	6341831	1811.7	Zone 9N	AT	40398	2014	Mafic tuff	FeChlorite	Montmorillonite		FSFR.2106 Int=10.0 sec	grey (greenish)	Brucite			FSFR.2106 Int=10.0 sec	grey	
2638241	411338	6341793	1792.82	Zone 9N	AT	40398	2014	Mafic Flows	Epidote			FSFR.2106 Int=10.0 sec	grey	Aspectral		Illite	FSFR.2106 Int=10.0 sec	grey	
2638242	411368	6341751	1760.61	Zone 9N	AT	40398	2014	Green + Red mafic tuffs	Calcite	Opal		FSFR.2106 Int=10.0 sec	grey	Illite	Brucite		FSFR.2106 Int=10.0 sec	grey	
2638243	411396	6341707	1727.73	Zone 9N	AT	40398	2014		Illite	Calcite		FSFR.2106 Int=10.0 sec	grey	FeChlorite			FSFR.2106 Int=10.0 sec	grey	
2638244	411418	6341656	1684.79	Zone 9N	AT	40398	2014	Talus	Epidote			FSFR.2106 Int=10.0 sec	grey	Riebeckite			FSFR.2106 Int=10.0 sec	grey (reddish)	
2638245	411435	6341593	1643.59	Zone 9N	AT	40398	2014	Talus	Aspectral			FSFR.2106 Int=10.0 sec	grey (reddish)	FeChlorite			FSFR.2106 Int=10.0 sec	grey (greenish)	
2638246	411458	6341553	1614.31	Zone 9N	AT	40398	2014	Talus mtuff	FeChlorite	Montmorillonite		FSFR.2106 Int=10.0 sec	grey (greenish)	Aspectral			FSFR.2106 Int=10.0 sec	grey	
2638247	411488	6341519	1595.99	Zone 9N	AT	40398	2014	mtuff boulders	Brucite			FSFR.2106 Int=10.0 sec	grey	Aspectral			FSFR.2106 Int=10.0 sec	grey (redish)	
2638248	411511	6341484	1593.44	Zone 9N	AT	40398	2014	mtuff boulders	NULL			FSFR.2106 Int=10.0 sec	grey (redish)	DryVegetation	Siderite		FSFR.2106 Int=10.0 sec	grey slightly weathered	
2638249	411536	6341448	1583.55	Zone 9N	AT	40398	2014	1m boulder	Gibbsite			FSFR.2106 Int=10.0 sec	grey slightly weathered	Illite			FSFR.2106 Int=10.0 sec	grey	
2638250	411567	6341407	1581.93	Zone 9N	AT	40398	2014	FP Flows	FeChlorite	Illite		FSFR.2106 Int=10.0 sec	grey	Aspectral			FSFR.2106 Int=10.0 sec	grey	
2638251	411597	6341370	1577	Zone 9N	AT	40398	2014	Marron Tuffs	Aspectral			FSFR.2106 Int=10.0 sec	grey	Opal			FSFR.2106 Int=10.0 sec	grey	
2638252	411609	6341333	1574.56	Zone 9N	AT	40398	2014	Tuffs Flow	Aspectral			FSFR.2106 Int=10.0 sec	grey	Brucite			FSFR.2106 Int=10.0 sec	grey	
2638253	411634	6341295	1556.93	Zone 9N	AT	40398	2014	Mtuff + flows	MgChlorite			FSFR.2106 Int=10.0 sec	grey	Phengite			FSFR.2106 Int=10.0 sec	grey (reddish)	
2638254	411666	6341258	1543.91	Zone 9N	AT	40398	2014	FP Flows	Montmorillonite			FSFR.2106 Int=10.0 sec	grey (reddish)	Montmorillonite		Opal	FSFR.2106 Int=10.0 sec	grey (reddish)	
2638255	411672	6341219	1545.73	Zone 9N	AT	40398	2014	Same	Montmorillonite			FSFR.2106 Int=10.0 sec	grey	Opal			FSFR.2106 Int=10.0 sec	grey	
2638256	411674	6341170	1533.38	Zone 9N	AT	40398	2014	Same	Aspectral			FSFR.2106 Int=10.0 sec	grey	Illite			FSFR.2106 Int=10.0 sec	grey	
2638257	411695	6341129	1521.41	Zone 9N	AT	40398	2014	Same	Illite			FSFR.2106 Int=10.0 sec	grey	Aspectral			FSFR.2106 Int=10.0 sec	grey	
2638258	411715	6341085	1505.45	Zone 9N	AT	40398	2014	Same	Phengite			FSFR.2106 Int=10.0 sec	grey	Ankerite	Illite		FSFR.2106 Int=10.0 sec	grey	
2638259	411740	6341038	1491.76	Zone 9N	AT	40398	2014	Same	Illite			FSFR.2106 Int=10.0 sec	grey	Aspectral			FSFR.2106 Int=10.0 sec	grey	

2638260	411762	6340993	1474.86	Zone 9N	AT	40398	2014	Same but can see alteration 1m east	Epidote		FSFR.2106 Int=10.0 sec grey		Aspectral		FSFR.2106 Int=10.0 sec grey		Montmorillonite	Brucite	FSFR.2106 Int=10.0 sec grey
2638261	411788	6340949	1455.44	Zone 9N	AT	40398	2014	Same	Aspectral		FSFR.2106 Int=10.0 sec grey		Montmorillonite		FSFR.2106 Int=10.0 sec grey				
2638262	411820	6340913	1437.16	Zone 9N	AT	40398	2014	Mtuffs weak altered	Montmorillonite		FSFR.2106 Int=10.0 sec grey		Montmorillonite		FSFR.2106 Int=10.0 sec grey				
2638263	411859	6340886	1413.25	Zone 9N	AT	40398	2014	Same	Phengite		FSFR.2106 Int=10.0 sec grey		Gypsum		FSFR.2106 Int=10.0 sec grey. Very weathered / oxidized				
2638264	411903	6340878	1406.09	Zone 9N	AT	40398	2014	altered mound	Phengite	Gypsum	FSFR.2106 Int=10.0 sec grey. Very weathered / oxidized		Illite		FSFR.2106 Int=10.0 sec grey		Muscovite		FSFR.2106 Int=10.0 sec grey. Very weathered / oxidized
2638265	411950	6340841	1400.92	Zone 9N	AT	40398	2014	mtuffs	Opal		FSFR.2106 Int=10.0 sec grey		Illite		FSFR.2106 Int=10.0 sec grey				
2638266	411979	6340800	1402.48	Zone 9N	AT	40398	2014	same	Opal		FSFR.2106 Int=10.0 sec grey		Illite		FSFR.2106 Int=10.0 sec grey				
2638267	412007	6340762	1398.81	Zone 9N	AT	40398	2014	clay lake 100 m below	Phengite		FSFR.2106 Int=10.0 sec grey		Illite	Kaolinite	FSFR.2106 Int=10.0 sec light grey				
2638268		2638268	408996	6342397	AT				Illite		FSFR.2106 Int=10.0 sec light grey		Illite		FSFR.2106 Int=10.0 sec light grey white				
2638269		2638269	408996	6342397	AT				Illite		FSFR.2106 Int=10.0 sec light grey white		IntChlorite	Illite	FSFR.2106 Int=10.0 sec light grey				
2638270		2638270	408995	6342398	AT				IntChlorite	Illite	FSFR.2106 Int=10.0 sec light grey		Illite		FSFR.2106 Int=10.0 sec grey with some lighter flecks				
2638271	411583	6342107	1817.49	Zone 9N	BT	40398	2014		Aspectral		FSFR.2106 Int=10.0 sec grey with some lighter flecks		Dark		FSFR.2106 Int=10.0 sec dark reddish grey				
2638272	411621	6342075	1793.04	Zone 9N	BT	40398	2014		Aspectral		FSFR.2106 Int=10.0 sec dark reddish grey		Aspectral		FSFR.2106 Int=10.0 sec dark reddish grey				
2638273	411645	6342030	1770.52	Zone 9N	BT	40398	2014	Corrected lab tag # from 2638274 (dupl)	Aspectral		FSFR.2106 Int=10.0 sec dark reddish grey		Aspectral		FSFR.2106 Int=10.0 sec dark greenish grey				
2638274	411671	6341988	1754.71	Zone 9N	BT	40398	2014		Aspectral		FSFR.2106 Int=10.0 sec dark greenish grey		Aspectral		FSFR.2106 Int=10.0 sec grey				
2638275	411714	6341959	1727.61	Zone 9N	BT	40398	2014		Aspectral		FSFR.2106 Int=10.0 sec grey		Aspectral		FSFR.2106 Int=10.0 sec grey				
2638276	411736	6341918	1712.14	Zone 9N	BT	40398	2014		Aspectral		FSFR.2106 Int=10.0 sec grey		FeChlorite	Illite	FSFR.2106 Int=10.0 sec greeny grey				
2638277	411762	6341875	1708.43	Zone 9N	BT	40398	2014		FeChlorite	Illite	FSFR.2106 Int=10.0 sec greeny grey		Dark		FSFR.2106 Int=10.0 sec dark grey				
2638278	411758	6341823	1700.96	Zone 9N	BT	40398	2014		Dark		FSFR.2106 Int=10.0 sec dark grey		Illite	Montmorillonite	FSFR.2106 Int=10.0 sec grey with light flecks very weathered				
2638279	411757	6341772	1699.47	Zone 9N	BT	40398	2014		Illite	Montmorillonite	FSFR.2106 Int=10.0 sec grey with light flecks very weathered		Opal		FSFR.2106 Int=10.0 sec grey				
2638280	411778	6341723	1676.53	Zone 9N	BT	40398	2014		Dickite		FSFR.2106 Int=10.0 sec grey		Kaolinite		FSFR.2106 Int=10.0 sec light grey with whiteish flecks				
2638281	411812	6341682	1664.28	Zone 9N	BT	40398	2014		Kaolinite		FSFR.2106 Int=10.0 sec light grey with whiteish flecks		Dickite		FSFR.2106 Int=10.0 sec light pinky brown				
2638282	411848	6341637	1652.08	Zone 9N	BT	40398	2014		Dickite		FSFR.2106 Int=10.0 sec light pinky brown		Kaolinite		FSFR.2106 Int=10.0 sec chalky white inside				
2638283	411855	6341583	1633.18	Zone 9N	BT	40398	2014		Kaolinite		FSFR.2106 Int=10.0 sec chalky white inside		Aspectral		FSFR.2106 Int=10.0 sec dark reddish grey				
2638284	411875	6341531	1618.82	Zone 9N	BT	40398	2014		Illite		FSFR.2106 Int=10.0 sec dark reddish grey		Aspectral		FSFR.2106 Int=10.0 sec dark greenish grey				
2638285	411903	6341484	1602.48	Zone 9N	BT	40398	2014		Aspectral		FSFR.2106 Int=10.0 sec dark greenish grey		Aspectral		FSFR.2106 Int=10.0 sec dark grey				
2638286	411915	6341437	1581.98	Zone 9N	BT	40398	2014		Aspectral		FSFR.2106 Int=10.0 sec dark grey		Dark		FSFR.2106 Int=10.0 sec grey with lighter flecks				
2638287	411918	6341384	1561.38	Zone 9N	BT	40398	2014		Opal		FSFR.2106 Int=10.0 sec grey with lighter flecks		Brucite		FSFR.2106 Int=10.0 sec grey				
2638288	411921	6341328	1539.53	Zone 9N	BT	40398	2014		Aspectral		FSFR.2106 Int=10.0 sec grey		Illite		FSFR.2106 Int=10.0 sec reddish brown				
2638289	411943	6341288	1523.59	Zone 9N	BT	40398	2014		Illite		FSFR.2106 Int=10.0 sec reddish brown		Dark		FSFR.2106 Int=10.0 sec dark reddish grey				
2638290	411975	6341233	1516.63	Zone 9N	BT	40398	2014		Aspectral		FSFR.2106 Int=10.0 sec dark reddish grey		Aspectral		FSFR.2106 Int=10.0 sec dark grey				
2638291	411957	6341138	1489.93	Zone 9N	BT	40398	2014		Aspectral		FSFR.2106 Int=10.0 sec dark grey		Dickite		FSFR.2106 Int=10.0 sec light grey with chalky white				
2638292	411951	6341090	1483.95	Zone 9N	BT	40398	2014		Opal		FSFR.2106 Int=10.0 sec light grey with chalky white		Aspectral		FSFR.2106 Int=10.0 sec dark grey				
2638293	411898	6341076	1473.17	Zone 9N	BT	40398	2014		Aspectral		FSFR.2106 Int=10.0 sec dark grey		Aspectral		FSFR.2106 Int=10.0 sec dark grey				
2638294	411894	6341026	1451.81	Zone 9N	BT	40398	2014		Aspectral		FSFR.2106 Int=10.0 sec dark grey		Aspectral		FSFR.2106 Int=10.0 sec dark greenish grey				
2638295	411922	6340984	1431.42	Zone 9N	BT	40398	2014		Opal	Phengite	FSFR.2106 Int=10.0 sec dark greenish grey		Illite		FSFR.2106 Int=10.0 sec light reddish grey				
2638301	409451	6341688	1325.77	Zone 9N	DC	40397	2014	Light grey fine grained volcanic	Illite		FSFR.2106 Int=10.0 sec light reddish grey		Illite	FeChlorite	FSFR.2106 Int=10.0 sec greenish grey with darker flecks				
2638302	409404	6341825	1309.91	Zone 9N	DC	40397	2014	Light green fine grained volcanic clasitc.	Illite	IntChlorite	FSFR.2106 Int=10.0 sec greenish grey with darker flecks		Brucite		FSFR.2106 Int=10.0 sec dark grey				
2638303	409293	6341887	1259.44	Zone 9N	DC	40397	2014	Light green fine grained volcanic clasitc.	Aspectral		FSFR.2106 Int=10.0 sec dark grey		Muscovite	IntChlorite	FSFR.2106 Int=10.0 sec greenish grey darker flecks				
2638304	409197	6341930	1207.29	Zone 9N	DC	40397	2014	light grey fine grained ?	FeChlorite	Muscovite	FSFR.2106 Int=10.0 sec greenish grey darker flecks		Muscovite	Kaolinite	FSFR.2106 Int=10.0 sec purplish grey				
2638305	408841	6341986	1167.16	Zone 9N	DC	40397	2014	fine grained light grey volcanic	Illite		FSFR.2106 Int=10.0 sec purplish grey		Illite	Kaolinite	FSFR.2106 Int=10.0 sec light reddish grey				
2638306	408846	6342269	1054.93	Zone 9N	DC	40397	2014	felsic fine grained rhyolite	Illite	Kaolinite	FSFR.2106 Int=10.0 sec light reddish grey		Illite		FSFR.2106 Int=10.0 sec grey whiteish flecks				
2638308	412116	6343623	1558.89	Zone 9N	GD		2014	Aluvial	Illite		FSFR.2106 Int=10.0 sec grey whiteish flecks		Illite		FSFR.2106 Int=10.0 sec grey lighter flecks				
2638309	412082	6343661	1540.15	Zone 9N	GD		2014	Aluvial	Aspectral		FSFR.2106 Int=10.0 sec grey lighter flecks		Illite		FSFR.2106 Int=10.0 sec grey lighter flecks				
2638310	412048	6343704	1517.8	Zone 9N	GD	40398	2014	Aluvial	Illite		FSFR.2106 Int=10.0 sec grey lighter flecks		Aspectral		FSFR.2106 Int=10.0 sec grey lighter flecks				
2638311	412024	6343739	1494.97	Zone 9N	GD	40398	2014	Aluvial	Palygorskite		FSFR.2106 Int=10.0 sec grey lighter flecks		Calcite		FSFR.2106 Int=10.0 sec grey lighter flecks white crystals				
2638312	411993	6343784	1478.86	Zone 9N	GD	40398	2014	Aluvial	Nontronite	Epidote	FSFR.2106 Int=10.0 sec grey lighter flecks white crystals		Phengite		FSFR.2106 Int=10.0 sec grey lighter flecks				
2638313	411954	6343821	1467.57	Zone 9N	GD	40398	2014	Aluvial	Montmorillonite	Brucite	FSFR.2106 Int=10.0 sec grey lighter flecks		Muscovite		FSFR.2106 Int=10.0 sec grey - light grey				
2638314	411257	6344632	1055.17	Zone 9N	GD	40398	2014		Muscovite		FSFR.2106 Int=10.0 sec grey - light grey		Illite		FSFR.2106 Int=10.0 sec grey brown some oxidization				
2638315	411281	6344600	1093.14	Zone 9N	GD	40398	2014		Illite	Epidote	FSFR.2106 Int=10.0 sec grey brown some oxidization		Muscovite		FSFR.2106 Int=10.0 sec dark grey brown				
2638316	411326	6344492	1147.21	Zone 9N	GD	40398	2014		Muscovite		FSFR.2106 Int=10.0 sec dark grey brown		Illite	FeChlorite	FSFR.2106 Int=10.0 sec grey				
2638317	411360	6344462	1183.02	Zone 9N	GD	40398	2014		FeChlorite	Illite	FSFR.2106 Int=10.0 sec grey		Aspectral		FSFR.2106 Int=10.0 sec dark grey inside light grey - brown out				
2638318	411442	6344407	1266.65	Zone 9N	GD	40398	2014		Aspectral		FSFR.2106 Int=10.0 sec dark grey inside light grey - brown out		Aspectral		FSFR.2106 Int=10.0 sec grey				
2638319	411483	6344361	1292.13	Zone 9N	GD	40398	2014	Lab tag # corrected from 2638019	Siderite	Illite	FSFR.2106 Int=10.0 sec grey		Epidote		FSFR.2106 Int=10.0 sec dark grey some oxidization				
2638320	411511	6344312	1335.87	Zone 9N	GD	40398	2014		Montmorillonite	Epidote	FSFR.2106 Int=10.0 sec dark grey some oxidization		Epidote		FSFR.2106 Int=10.0 sec dark grey inside brown outside reddish bands				
2638321	411555	6344210	1372.16	Zone 9N	GD	40398	2014		Aspectral		FSFR.2106 Int=10.0 sec dark grey inside brown outside reddish bands		Opal		FSFR.2106 Int=10.0 sec dark grey dark brown slightly shiny				
2638322	411686	6344106	1442.81	Zone 9N	GD	40398	2014		Aspectral		FSFR.2106 Int=10.0 sec dark grey dark brown slightly shiny		Aspectral		FSFR.2106 Int=10.0 sec dark grey				
2638351	411389	6342942	1610	Zone 9N	JO	40398	2014		Aspectral		FSFR.2106 Int=10.0 sec dark grey		Aspectral		FSFR.2106 Int=10.0 sec dark grey white flecks				
2638352	411208	6343066	1510	Zone 9N	JO	40398	2014		IntChlorite	Siderite	FSFR.2106 Int=10.0 sec dark grey white flecks		Aspectral		FSFR.2106 Int=10.0 sec dark grey				
2638353	411064	6343085	1491	Zone 9N	JO	40398	2014		Aspectral		FSFR.2106 Int=10.0 sec dark grey		Dark		FSFR.2106 Int=10.0 sec dark grey				
2638354	410963	6343155	1482	Zone 9N	JO	40398	2014		Aspectral		FSFR.2106 Int=10.0 sec dark grey		Illite	IntChlorite	FSFR.2106 Int=10.0 sec blackish outside greeny grey inside				
2638355	410913	6343091	1491	Zone 9N	JO	40398	2014		Illite		FSFR.2106 Int=10.0 sec blackish outside greeny grey inside		Illite	Siderite	FSFR.2106 Int=10.0 sec light grey inside rusty flecks very oxidized				
2638356	410867	6343000	1518	Zone 9N	JO	40398	2014		Illite		FSFR.2106 Int=10.0 sec light grey inside rusty flecks very oxidized		Halloysite		FSFR.2106 Int=10.0 sec dark brown - grey very weathered crumbly				
2638357	410764	6342940	1482	Zone 9N	JO	40398	2014		Paragonite	Halloysite	FSFR.2106 Int=10.0 sec dark brown - grey very weathered crumbly		Muscovite	Dickite	FSFR.2106 Int=10.0 sec grey with lighter flecks oxidized				
2638358	410704	6342998	1463	Zone 9N	JO	40398	2014		Illite	Dickite	FSFR.2106 Int=10.0 sec grey with lighter flecks oxidized		Opal		FSFR.2106 Int=10.0 sec grey with darker flecks				
2638359	410653	6343047	1386	Zone 9N	JO	40398	2014		Illite		FSFR.2106 Int=10.0 sec grey with darker flecks		Illite		FSFR.2106 Int=10.0 sec light grey pinkish flecks very crumbly				
2638360	410653	6343047	1386	Zone 9N	JO	40398	2014		Illite		FSFR.2106 Int=10.0 sec light grey pinkish flecks very crumbly		Illite	IntChlorite	FSFR.2106 Int=10.0 sec grey darker flecks				
2638361	410609	6343084	1358	Zone 9N	JO	40398	2014		Illite	IntChlorite	FSFR.2106 Int=10.0 sec grey darker flecks		Illite		FSFR.2106 Int=10.0 sec grey inside thick oxidation rind (?)				
2638362	410566	6343159	1328	Zone 9N	JO	40398	2014		Muscovite		FSFR.2106 Int=10.0 sec grey inside thick oxidation rind (?)		Illite		FSFR.2106 Int=10.0 sec grey with whiteish flecks oxidized				
2638363	410511	6343221	1295	Zone 9N	JO	40398	2014		Illite		FSFR.2106 Int=10.0 sec grey with whiteish flecks oxidized		Epidote		FSFR.2106 Int=10.0 sec grey				
2638364	410477	6343255	1308	Zone 9N	JO	40398	2014		IntChlorite		FSFR.2106 Int=10.0 sec grey		IntChlorite	Halloysite	FSFR.2106 Int=10.0 sec grey				
2638365	410432	6343298	1262	Zone 9N	JO	40398	2014		IntChlorite	Illite	FSFR.2106 Int=10.0 sec grey		Illite		FSFR.2106 Int=10.0 sec greeny-grey with lighter flecks				
2638366	410346	6343358	1201	Zone 9N	JO	40398	2014		FeChlorite	Illite	FSFR.2106 Int=10.0 sec greeny-grey with lighter flecks		Muscovite		FSFR.2106 Int=10.0 sec dark purply-grey with rusty veins crumbly				
2638367	410289	6343397	1177	Zone 9N	JO	40398	2014		Dark		FSFR.2106 Int=10.0 sec dark purply-grey with rusty veins crumbly		Illite	IntChlorite	FSFR.2106 Int=10.0 sec greeny-grey with off-white veins				
2638368	410250	6343436	1141	Zone 9N	JO	40398	2014		Ankerite	Illite	FSFR.2106 Int=10.0 sec greeny-grey with off-white veins		Illite		FSFR.2106 Int=10.0 sec purply grey with lighter flecks				
2638369	410233	6343511	1127	Zone 9N	JO	40398	2014		Illite	Epidote	FSFR.2106 Int=10.0 sec purply grey with lighter flecks		Illite		FSFR.2106 Int=10.0 sec light grey pitted (some with small crystals in)				
2638370	410211	6343524	1102	Zone 9N	JO	40398	2014		Illite		FSFR.2106 Int=10.0 sec light grey pitted (some with small crystals in)		FeChlorite		FSFR.2106 Int=10.0 sec greeny-grey				
2638371	410211	6343524	1102	Zone 9N	JO	40398	2014		FeChlorite	Illite	FSFR.2106 Int=10.0 sec greeny-grey		FeChlorite	Illite	FSFR.2106 Int=10.0 sec grey				
2638372	410233	6343591	1035	Zone 9N	JO	40398	2014		Muscovite	FeChlorite	FSFR.2106 Int=10.0 sec grey		Illite	IntChlorite	FSFR.2106 Int=10.0 sec greeny grey				
2638373	410213	6343678	1013	Zone 9N	JO	40398	2014		Illite	IntChlorite	FSFR.2106 Int=10.0 sec greeny grey		Calcite	Illite	FSFR.2106 Int=10.0 sec dark grey with (mostly thick) whiteish veins				
2638374	410187	6343742	982	Zone 9N	JO	40398	2014		Calcite		FSFR.2106 Int=10.0 sec dark grey with (mostly thick) whiteish veins		Aspectral		FSFR.2106 Int=10.0 sec dark grey				
2638375	410192	6343789	1001	Zone 9N	JO	40398	2014		Muscovite		FSFR.2106 Int=10.0 sec dark grey		FeChlorite	Illite	FSFR.2106 Int=10.0 sec greeny grey with dark grey patches				
2638376	410155	6343836	966	Zone 9N	JO	40398	2014		FeChlorite	Illite	FSFR.2106 Int=10.0 sec greeny grey with dark grey patches		Kaolinite	Illite	FSFR.2106 Int=10.0 sec grey-brown				
2638401	410194	6340884	1599	Zone 9N	JO	40394	2014		Illite	Kaolinite	FSFR.2106 Int=10.0 sec grey-brown		Montmorillonite	Dickite	FSFR.2106 Int=10.0 sec grey-brown				
2638402	410106	6340791	1584	Zone 9N	JO	40394	2014		Montmorillonite	Dickite	FSFR.2106 Int=10.0 sec grey-brown		Dickite		FSFR.2106 Int=10.0 sec grey chalky white outside				
2638403	410002	6340667	1558	Zone 9N	JO	40394	2014		Dickite	Kaolinite	FSFR.2106 Int=10.0 sec grey chalky white outside		Kaolinite	Illite	FSFR.2106 Int=10.0 sec greenish grey				
2638404	409919	6340667	1554	Zone 9N	JO	40394	2014		Kaolinite	Illite	FSFR.2106 Int=10.0 sec greenish grey		Kaolinite	Illite	FSFR.2106 Int=10.0 sec greenish grey-brown				
2638405	409907	6340667	1528	Zone 9N	JO	40394	2014		Kaolinite	IntChlorite	FSFR.2106 Int=10.0 sec greenish grey-brown		Dickite		FSFR.2106 Int=10.0 sec grey chalky white outside				
2638406	409560	6340687	1500	Zone 9N	JO	40394	2014		Dickite		FSFR.2106 Int=10.0 sec grey chalky white outside		Illite		FSFR.2106 Int=10.0 sec grey inside very weathered				
2638407	408769	6341781	1120	Zone 9N	JO	40394	2014		Illite		FSFR.2106 Int=10.0 sec grey inside very weathered		Dickite		FSFR.2106 Int=10.0 sec chalky white				
2638408	409523	6340920	1409	Zone 9N	JO	40394	2014		Dickite		FSFR.2106 Int=10.0 sec chalky white		Dickite		FSFR.2106 Int=10.0 sec grey chalky white outside				
2638409	409463	6340963	1388	Zone 9N	JO	40394	2014		Dickite		FSFR.2106 Int=10.0 sec grey chalky white outside		Kaolinite	Montmorillonite	FSFR.2106 Int=10.0 sec grey-brown				
2638410	409388	6340998	1364	Zone 9N	JO	40394	2014		Kaolinite	Montmorillonite	FSFR.2106 Int=10.0 sec grey-brown		DryVegetation	Illite	FSFR.2106 Int=10.0 sec grey and white varying crystal sizes vugs				
2638411	408988	6341445	1241	Zone 9N	JO	40394	2014		Siderite	Illite	FSFR.2106 Int=10.0 sec grey and white varying crystal sizes vugs		Illite		FSFR.2106 Int=10.0 sec light grey-brown some chalky white	Siderite	Illite	FSFR.2106 Int=10.0 sec grey and white varying crystal sizes vugs	
2638412	408859	6341531	1206	Zone 9N	JO	40394	2014		Illite		FSFR.2106 Int=10.0 sec light grey-brown some chalky white		Illite		FSFR.2106 Int=10.0 sec grey-brown				
2638413	408842	6341586	1183	Zone 9N	JO	40394	2014		Illite		FSFR.2106 Int=10.0 sec grey-brown		Illite	Phengite	FSFR.2106 Int=10.0 sec chalky grey-white				
2638414	408826	6341634	1163	Zone 9N	JO	40394	2014		Illite	Phengite	FSFR.2106 Int=10.0 sec chalky grey-white		Illite		FSFR.2106 Int=10.0 sec chalky grey-white				
2638415	408820	6341706	1143	Zone 9N	JO	40394	2014		Illite		FSFR.2106 Int=10.0 sec chalky grey-white		Illite	FeChlorite	FSFR.2106 Int=10.0 sec pinky grey				
2638416	408710	6341827	1081	Zone 9N	JO	40394	2014		FeChlorite	Illite	FSFR.2106 Int=10.0 sec pinky grey		Illite		FSFR.2106 Int=10.0 sec grey				
2638417	408727	6341892	1080	Zone 9N	JO	40394	2014		Illite		FSFR.2106 Int=10.0 sec grey		Illite		FSFR.2106 Int=10.0 sec grey				
2638418	408712	6341931	1075	Zone 9N	JO	40394	2014		Illite	FeChlorite	FSFR.2106 Int=10.0 sec grey		Illite	FeChlorite	FSFR.2106 Int=10.0 sec grey				
2638419	408731	6342041	1036	Zone 9N	JO	40394	2014		Illite	FeChlorite	FSFR.2106 Int=10.0 sec grey		Illite	FeChlorite	FSFR.2106 Int=10.0 sec greenish grey				
2638420	408703	6342120	1004	Zone 9N	JO	40394	2014		FeChlorite	Illite	FSFR.2106 Int=10.0 sec greenish grey		Illite		FSFR.2106 Int=10.0 sec grey				
2638421	410849	6342122	1687	Zone 9N	JO	40397	2014		Halloysite		FSFR.2106 Int=10.0 sec grey		Ankerite		FSFR.2106 Int=10.0 sec dark greeny grey				
2638422	410871	6342089	1707	Zone 9N	JO	40397	2014		Aspectral		FSFR.2106 Int=10.0 sec dark greeny grey		Montmorillonite	Dickite	FSFR.2106 Int=10.0 sec off-white very crumbly				
2638423	410733	6342215	1625	Zone 9N	JO	40397	2014		Montmorillonite	Halloysite	FSFR.2106 Int=10.0 sec off-white very crumbly		Illite	Dickite	FSFR.2106 Int=10.0 sec off-white very crumbly				
2638424	410509	6342265	1574	Zone 9N	JO	40397	2014		Illite	Dickite	FSFR.2106 Int=10.0 sec off-white very crumbly		Illite	Jarosite	FSFR.2106 Int=10.0 sec light grey inside heavily oxidized				
2638425	410388	6342209	1515	Zone 9N	JO	40397	2014		Illite	Montmorillonite	FSFR.2106 Int=10.0 sec light grey inside heavily oxidized		Illite		FSFR.2106 Int=10.0 sec light grey				
2638426	410267	6342153	1512	Zone 9N	JO	40397	2014		Aspectral		FSFR.2106 Int=10.0 sec light grey		Muscovite		FSFR.2106 Int=10.0 sec greeny grey				
2638427	410004	6342263	1444	Zone 9N	JO	40397	2014		Illite		FSFR.2106 Int=10.0 sec greeny grey		Illite		FSFR.2106 Int=10.0 sec grey				
2638428	409856	6342241	1382	Zone 9N	JO	40397	2014		Illite		FSFR.2106 Int=10.0 sec grey		Illite	Epidote	FSFR.2106 Int=10.0 sec greeny-grey				
2638429	409716	6342264	1333	Zone 9N	JO	40397	2014		Illite		FSFR.2106 Int=10.0 sec greeny-grey		Illite		FSFR.2106 Int=10.0 sec reddish grey some greenish grey				
2638430	409714	6342337	1298	Zone 9N	JO	40397	2014		Illite		FSFR.2106 Int=10.0 sec reddish grey some greenish grey		Calcite		FSFR.2106 Int=10.0 sec light grey and white larger crystals				
2638431	409714	6342337	1298	Zone 9N	JO	40397	2014		Calcite		FSFR.2106 Int=10.0 sec light grey and white larger crystals		Illite		FSFR.2106 Int=10.0 sec grey				
2638432	409693	6342343	1281	Zone 9N	JO	40397	2014		Dark		FSFR.2106 Int=10.0 sec grey		Kaolinite	Illite	FSFR.2106 Int=10.0 sec reddish grey				
2638433	409670	6342399	1283	Zone 9N	JO	40397	2014		Kaolinite		FSFR.2106 Int=10.0 sec reddish grey		Illite		FSFR.2106 Int=10.0 sec reddish grey lighter flecks				
2638434	409627	6342449	1262	Zone 9N	JO	40397	2014		Illite		FSFR.2106 Int=10.0 sec reddish grey lighter flecks		Illite		FSFR.2106 Int=10.0 sec reddish grey lighter flecks				
2638435	409632	6342482	1252	Zone 9N	JO	40397	2014		Illite		FSFR.2106 Int=10.0 sec reddish grey lighter flecks		Aspectral		FSFR.2106 Int=10.0 sec green and larger crystals sandwiched between grey				
2638436	409632	6342482	1252	Zone 9N	JO	40397	2014		Jarosite		FSFR.2106 Int=10.0 sec green and larger crystals sandwiched between grey		Illite		FSFR.2106 Int=10.0 sec reddish grey off-white flecks				

2638437	409592	6342481	1226	Zone 9N	JO	40397	2014		Illite	Kaolinite	FSFR.2106 Int=10.0 sec reddish grey off-white flecks		Muscovite	IntChlorite	FSFR.2106 Int=10.0 sec greeny grey with some reddish grey							
2638438	409522	6342500	1190	Zone 9N	JO	40397	2014		Illite	IntChlorite	FSFR.2106 Int=10.0 sec greeny grey with some reddish grey		Illite	Kaolinite	FSFR.2106 Int=10.0 sec lighter reddish grey larger crystals							
2638439	409472	6342521	1163	Zone 9N	JO	40397	2014		Illite	Kaolinite	FSFR.2106 Int=10.0 sec lighter reddish grey larger crystals		Dark		FSFR.2106 Int=10.0 sec grey							
2638440	409415	6342519	1161	Zone 9N	JO	40397	2014		Illite		FSFR.2106 Int=10.0 sec grey		Illite	IntChlorite	FSFR.2106 Int=10.0 sec greeny grey							
2638441	409415	6342519	1161	Zone 9N	JO	40397	2014		Illite	IntChlorite	FSFR.2106 Int=10.0 sec greeny grey		Illite	Phengite	FSFR.2106 Int=10.0 sec light grey oxidized							
2638442	409371	6342559	1107	Zone 9N	JO	40397	2014		Illite	Phengite	FSFR.2106 Int=10.0 sec light grey oxidized		IntChlorite	Illite	FSFR.2106 Int=10.0 sec greeny grey							
2638443	409331	6342594	1088	Zone 9N	JO	40397	2014		FeChlorite		FSFR.2106 Int=10.0 sec greeny grey		Illite	FeChlorite	FSFR.2106 Int=10.0 sec light greeny grey							
2638444	409298	6342616	1070	Zone 9N	JO	40397	2014		Illite	FeChlorite	FSFR.2106 Int=10.0 sec light greeny grey		Illite	FeChlorite	FSFR.2106 Int=10.0 sec light greeny grey							
2638445	409269	6342650	1056	Zone 9N	JO	40397	2014		FeChlorite	Illite	FSFR.2106 Int=10.0 sec light greeny grey		IntChlorite	Illite	FSFR.2106 Int=10.0 sec grey							
2638446	409225	6342712	1052	Zone 9N	JO	40397	2014		IntChlorite	Illite	FSFR.2106 Int=10.0 sec grey		Illite	Kaolinite	FSFR.2106 Int=10.0 sec speckled. Grey pinkish rusty larger crystals							
2638447	409200	6342749	1036	Zone 9N	JO	40397	2014		Illite		FSFR.2106 Int=10.0 sec speckled. Grey pinkish rusty larger crystals		Illite	IntChlorite	FSFR.2106 Int=10.0 sec grey slightly oxidized							
2638448	409114	6342824	1003	Zone 9N	JO	40397	2014		FeChlorite	Illite	FSFR.2106 Int=10.0 sec grey slightly oxidized		FeChlorite	Kaolinite	FSFR.2106 Int=10.0 sec dark greenish grey grey veins		Illite	FeChlorite	FSFR.2106 Int=10.0 sec grey slightly oxidized			
2638449	409065	6342864	972	Zone 9N	JO	40397	2014		FeChlorite	Halloysite	FSFR.2106 Int=10.0 sec dark greenish grey grey veins		Aspectral		FSFR.2106 Int=10.0 sec grey							
2638450	411584	6342750	1621	Zone 9N	JO	40398	2014		Phengite		FSFR.2106 Int=10.0 sec grey		Muscovite		FSFR.2106 Int=10.0 sec grey greeny grey							

Plate 1

Geology Map of Hank Property



Legend

Lithology

Code - Lithology

- 5a - Amygdaloidal basalt flows and flow breccia, minor volcaniclastic rocks
- 4 - Undivided siltstone, well bedded sandstone, heterolithic conglomerate
- 3 - Undivided aphyric flows, rusty pyritic flow banded rhyolite, minor siltst/sst
- 2a - Andesitic to basaltic magnetic pyroxene-feldspar phyric flows
- 2b - Basaltic flow breccia
- 2c - Bioclastic and silty limestone
- 1a - Undivided fel.+/-pyroxene phyric ash tuff, lapilli tuff, tuff breccias, volc. derived siltst/sst
- 1b - Basaltic biotite, plagioclase porphyritic lapilli and tuff breccia, and flows
- 1c - Interbedded siltstone and fine grained sandstone
- 1d - Maroon hb +/- feld +/- pyroxene phyric magnetic flows
- A - Bald Bluff Porphyry; orthoclase megacrystic hornblende phyric monzonite
- B - Hornblende Diorite; medium grained

Alteration

Code - Alteration

- clay +/- qtz
- chl-ser-pyr
- qtz +/- pyr
- qtz-cly -pyr
- qtz-cly +/-pyr
- qtz-ser-pyr
- ser-pyr-cb

Geologic Contacts

- Defined
- Approximate
- Inferred
- Alteration Contact

Faults and Shears (1990 & 1992)

Type

- Fault
- Lineament
- Shear

Outcrops (1990)

- Outcrop Outline
- Mineralized Zone
- Tenure Boundary

Date: 2014/07/07	**Hank Project**
Rev.: 2015/01/22	Geology Compilation (after Kaip, 1997)
Version: 2.0	
Plate: 1	
Author: JLB / WSH	
Office: Vancouver	
Scale: 1:7,500	
Filename: 20140703_HankGeolMap_v2.mxd	
Location: Liard Mining District, NTS 104G01 / 02	
Projection: UTM Zone 9 (NAD83)	

0 100 200 300 400 500

Meters

Plate 2

Airborne Magnetic Survey, Contours of Total Field Intensity

406500 407000 407500 408000 408500 409000 409500 410000 410500 411000 411500 412000 412500 413000

6345000 6344500 6344000 6343500 6343000 6342500 6342000 6341500 6341000 6340500

T100 N T200 N T300 N T400 N

57047.92
56890.98
56784.50
56712.92
56653.27
56605.64
56551.80
56505.94
56469.81
56444.87
56426.29
56409.63
56395.35
56382.87
56370.68
56358.62
56347.57
56336.72
56325.68
56313.10
56299.03
56286.51
56276.02
56266.79
56258.40
56250.27
56242.46
56233.90
56225.58
56215.61
56205.27
56196.58
56187.21
56179.26
56171.03
56158.89
56134.35
56086.54
nT

Scale 1:10000

200 0 200 400 600
(metres)
WGS 84 / UTM zone 9N

GOLDEN RIDGE RESOURCES LTD.

AIRBORNE MAGNETIC SURVEY
CONTOURS OF TOTAL FIELD INTENSITY (nT)

HANK PROPERTY
LIARD M.D.
AUGUST 2014

PETER E. WALCOTT & ASSOCIATES LIMITED

Plate 3

Airborne Magnetic Survey, Contours of Calculated Vertical Gradient

406500 407000 407500 408000 408500 409000 409500 410000 410500 411000 411500 412000 412500 413000

6345000 6344500 6344000 6343500 6343000 6342500 6342000 6341500 6341000 6340500 6340000

T100 N T200 N T300 N T400 N

4.18
2.58
1.88
1.46
1.14
0.88
0.66
0.48
0.33
0.23
0.15
0.09
0.04
-0.00
-0.03
-0.06
-0.09
-0.11
-0.13
-0.16
-0.19
-0.21
-0.24
-0.28
-0.32
-0.36
-0.41
-0.46
-0.52
-0.59
-0.67
-0.78
-0.90
-1.05
-1.27
-1.54
-1.95
-2.62
nT/m

Scale 1:10000

200 0 200 400 600
(meters)
WGS 84 / UTM zone 8N

GOLDEN RIDGE RESOURCES LTD.

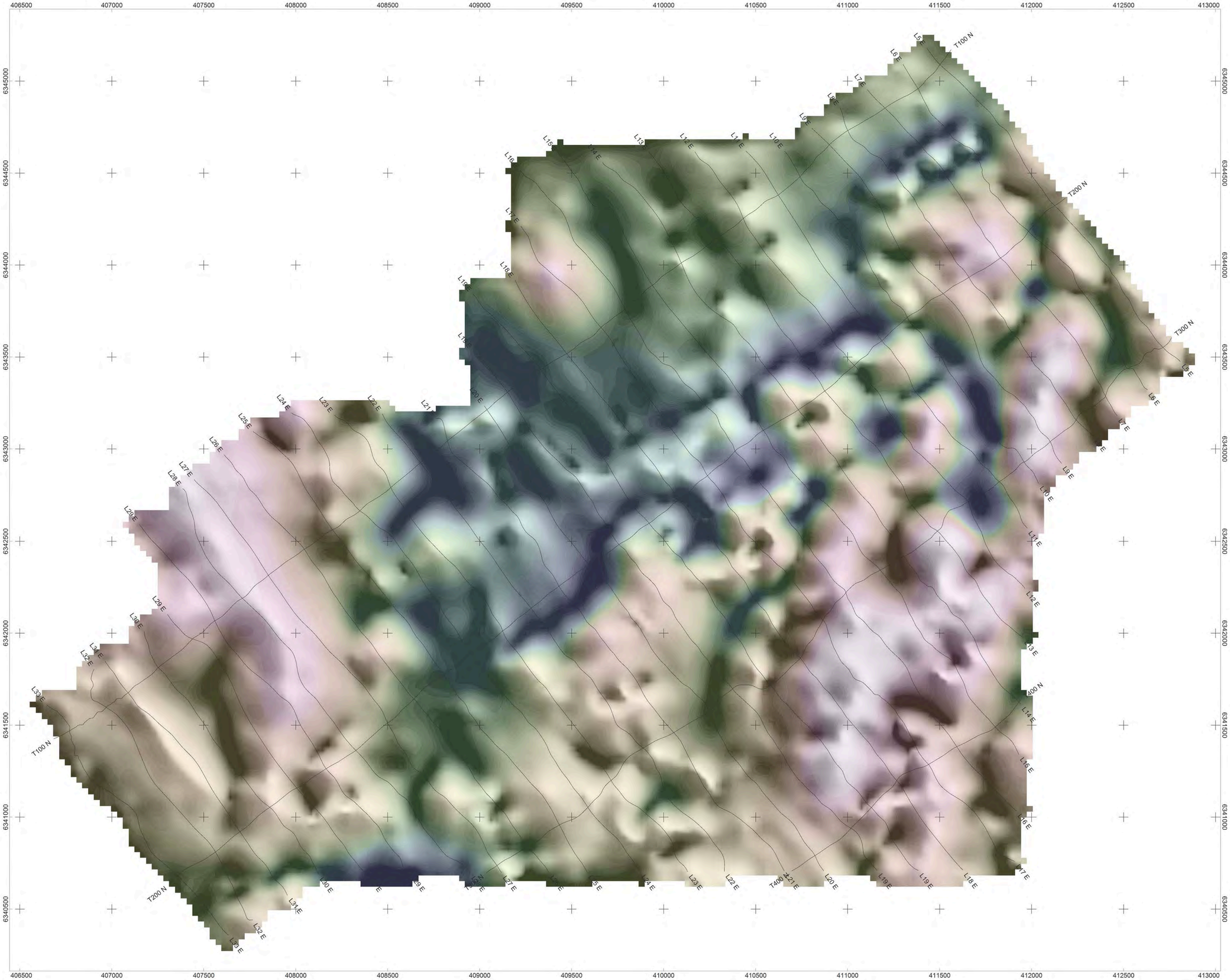
AIRBORNE MAGNETIC SURVEY
CONTOURS OF
CALCULATED VERTICAL GRADIENT (nT/M)

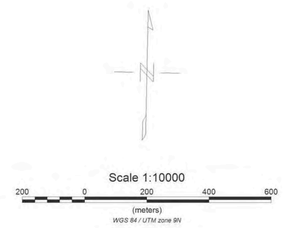
HANK PROPERTY
LIARD M.D.
AUGUST 2014

PETER E. WALCOTT & ASSOCIATES LIMITED

Plate 4

Magnetic Tilt Derivative Overlaid with Total Magnetic Intensity





GOLDEN RIDGE RESOURCES LTD.

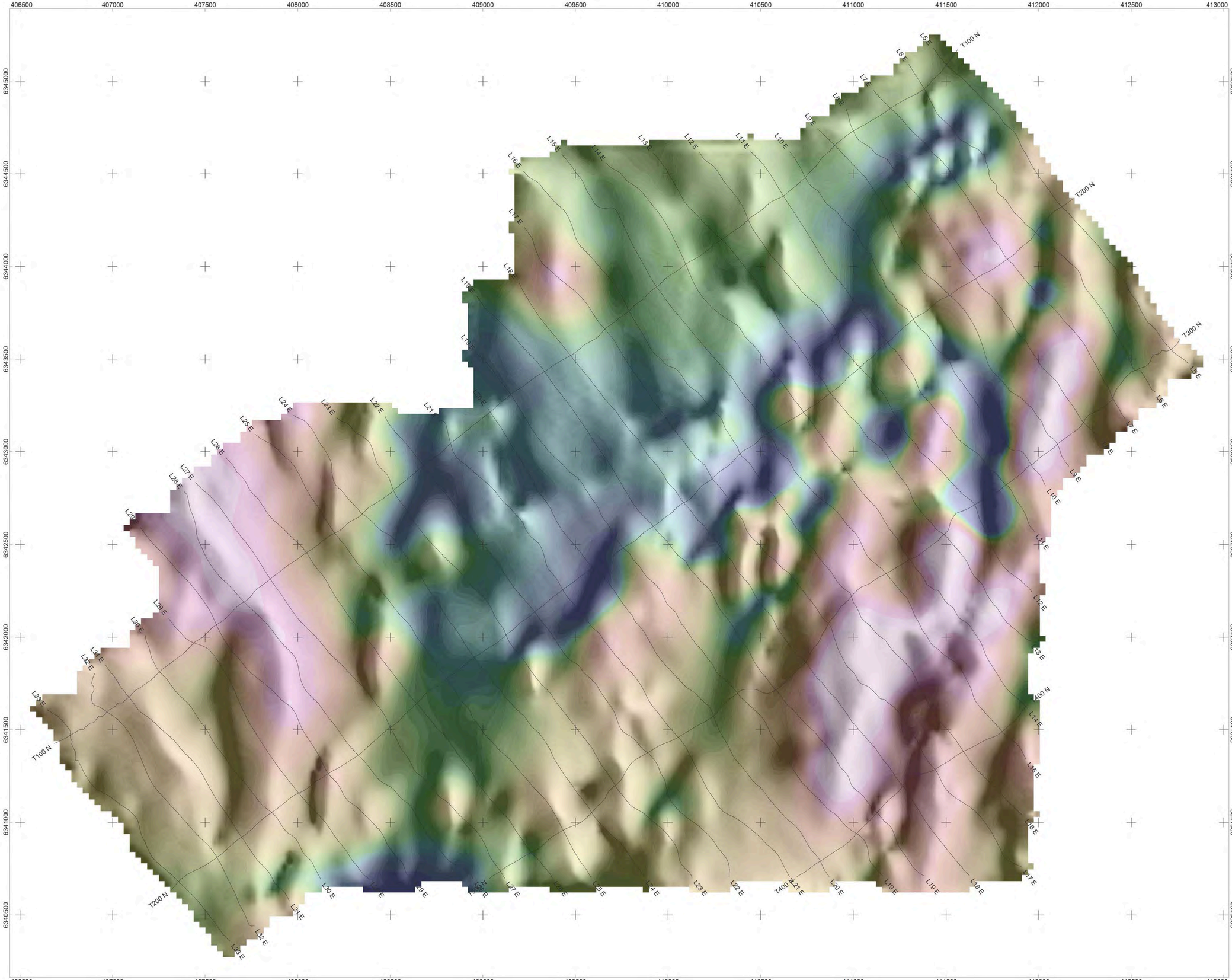
AIRBORNE MAGNETIC SURVEY
TILT DERIVATIVE
OVERLAID WITH TMI (nT)

HANK PROPERTY
LIARD M.D.
AUGUST 2014

PETER E. WALCOTT & ASSOCIATES LIMITED

Plate 5

Directionally Filtered (010) Tilt Derivative Overlaid with Total Magnetic Intensity



GOLDEN RIDGE RESOURCES LTD.

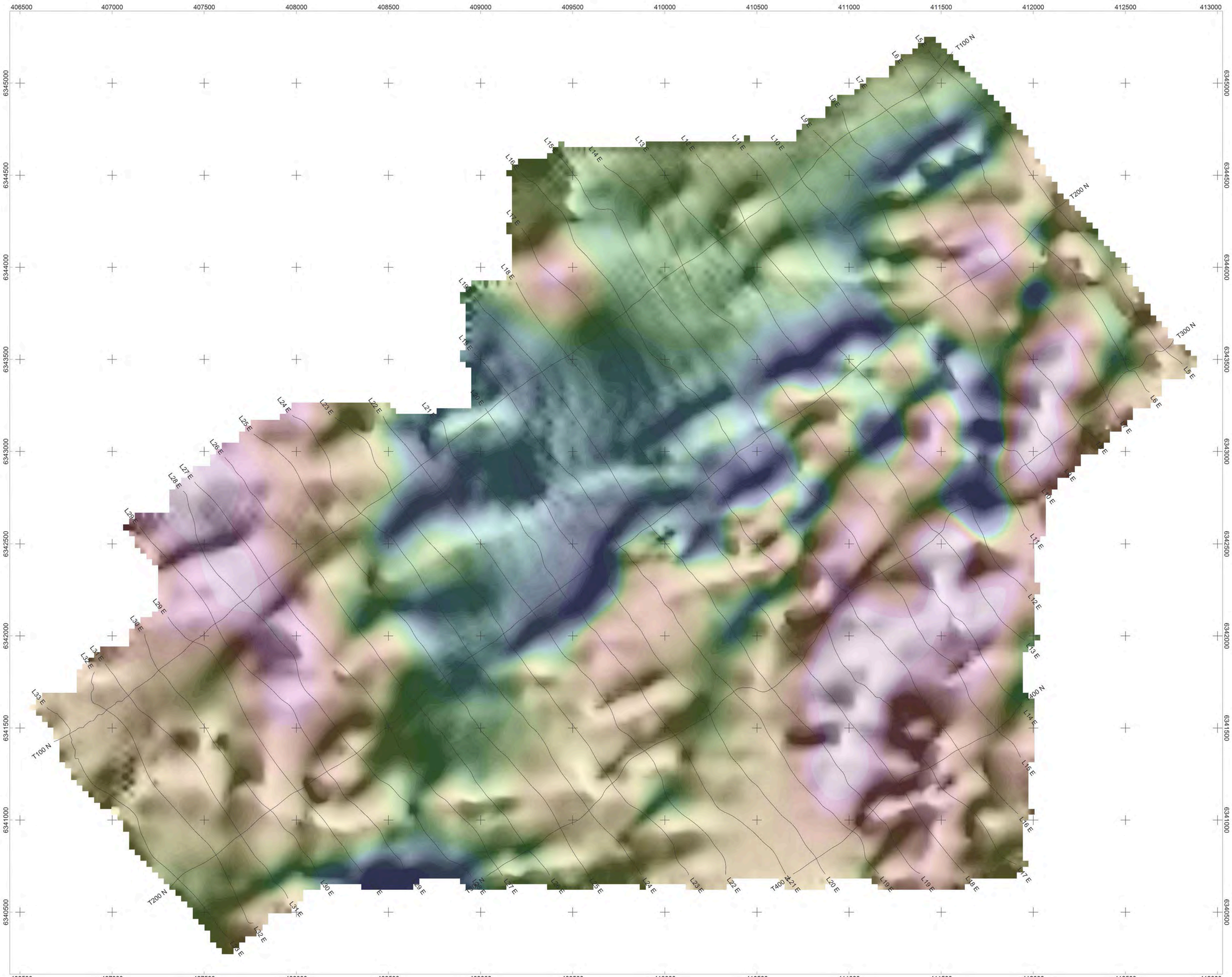
AIRBORNE MAGNETIC SURVEY
TILT DERIVATIVE OF DIRECTIONALLY (010) FILTERED OVERLAID WITH TMI (nT)

HANK PROPERTY
LIARD M.D.
AUGUST 2014

PETER E. WALCOTT & ASSOCIATES LIMITED

Plate 6

Directionally Filtered (055) Tilt Derivative Overlaid with Total Magnetic Intensity



Scale 1:10000

200 0 200 400 600

(meters)

WGS 84 / UTM zone 9N

GOLDEN RIDGE RESOURCES LTD.

AIRBORNE MAGNETIC SURVEY
TILT DERIVATIVE OF DIRECTIONALLY (055) FILTERED OVERLAID WITH TMI (nT)

HANK PROPERTY
LIARD M.D.
AUGUST 2014

PETER E. WALCOTT & ASSOCIATES LIMITED

Plate 7

Compilation of Total Magnetic Intensity with Lineaments and Geological Features

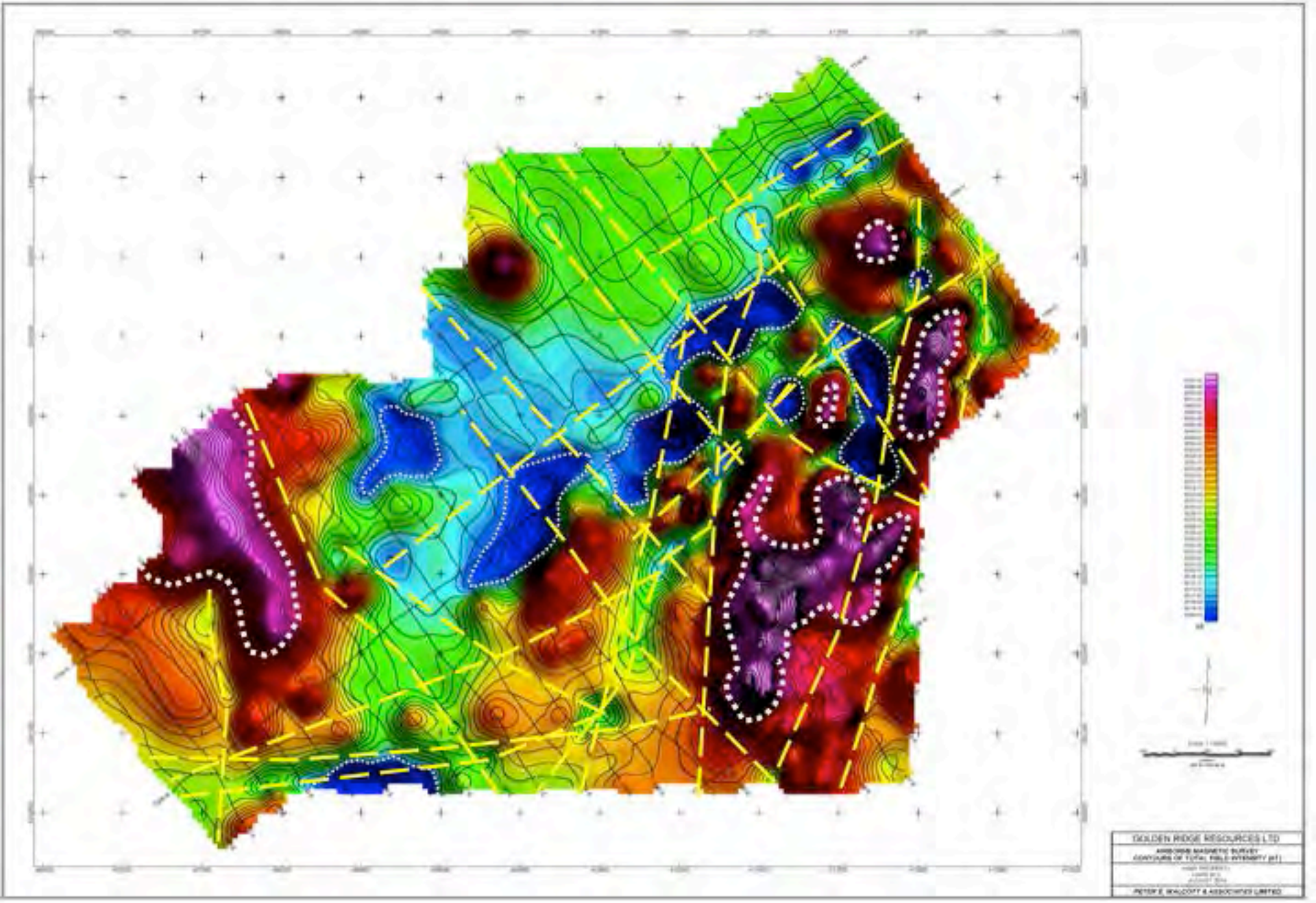
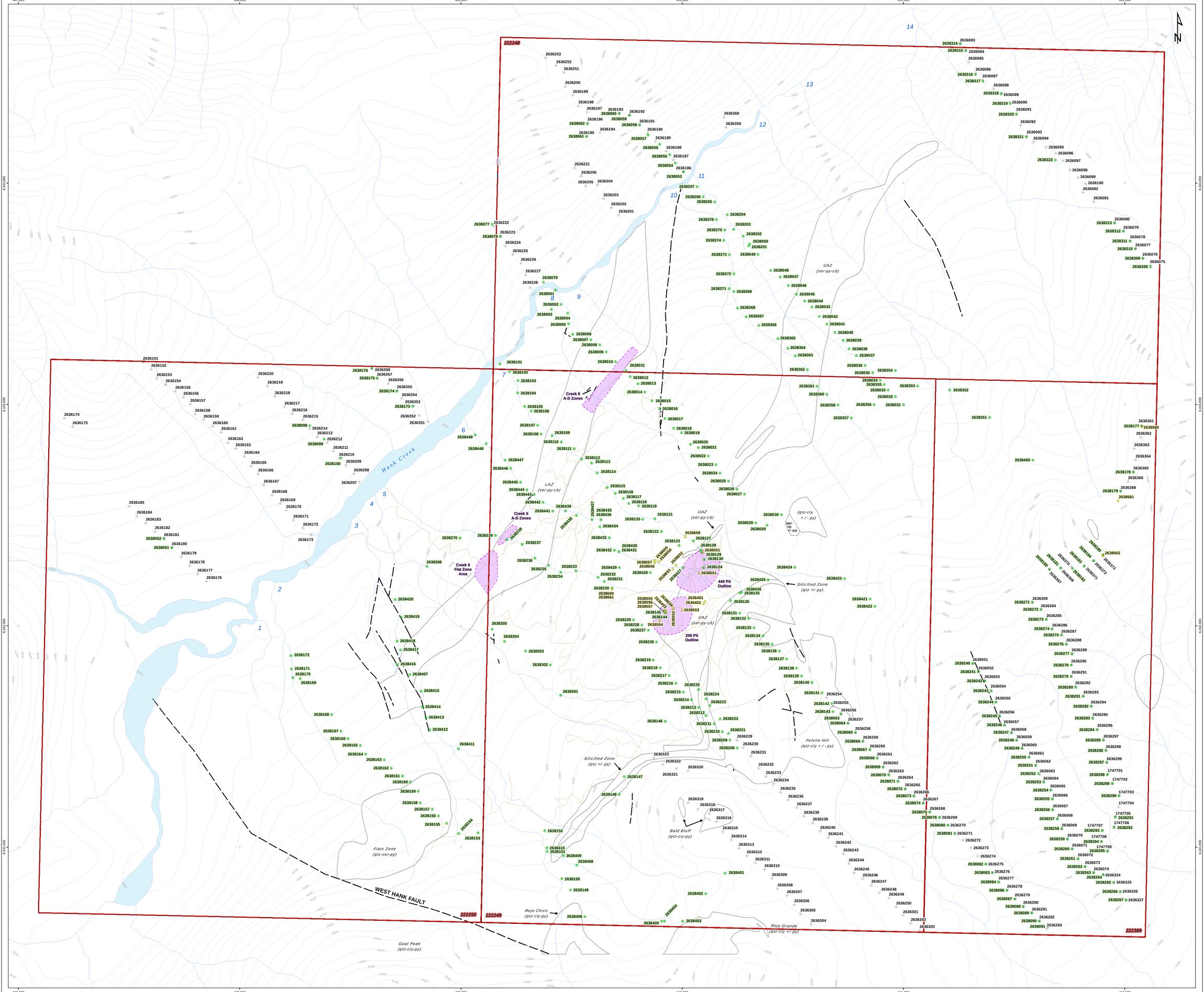

GOLDEN RIDGE RESOURCES LTD
PETER E. WALCOTT & ASSOCIATES LIMITED

Plate 8

Rock, TerraSpec and Soil Sample Location Map



Legend

- 2014 Soil Sample Location (259 Total)
  SampleID
- 2014 Rock Sample (24 Total)
  SampleID (Yellow Halo)
- 2014 TerraSpec Sample (369 Total)
  SampleID (Green Halo)
- Fault
- Mineralized Zone
- Alteration Zone (Minerals)
- Elevation Contour (in feet a.s.l.)
- Tenure Boundary
  (Tenure ID in Italics with Red Halo)

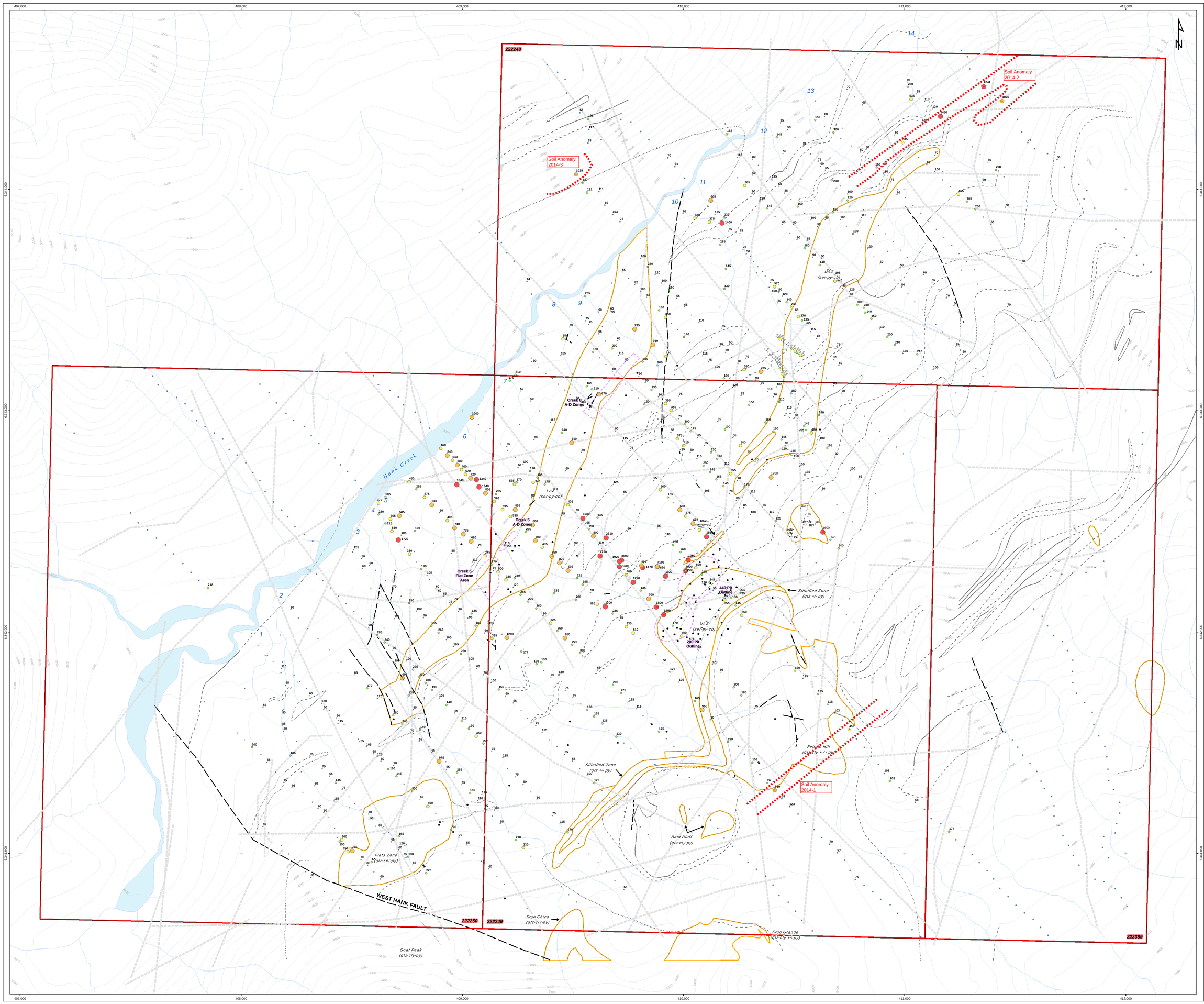
GOLDEN RIDGE RESOURCES Ltd

Date: 2014/11/10	**Hank Property**
Rev.: --	**2014 Rock (Chip, Grab, Composite) & Soil Sample Locations**
Version: 1	
Figure: X	
Author: WSH	
Office: Vancouver	
Scale: 1:5,000	
Filename: 20141110_2014_Sample_Location_Map.mxd	
Location: NTS 104G01/02/07/08, Liard Mining Division	
Projection: UTM Zone 9 (NAD 83)	

0 100 200 300 400 500
Meters

Plate 9

Au Values in 2014 and Historic Soil Samples



Legend

- Drill Collar Location

1983-1985 & 1987 'Soil'

Au (ppb)

- 2.5 - <=125 (718 samples)
- >125 - <=310 (189) 75th Percentile
- >310 - <=575 (65) 90th Percentile
- >575 - <=1200 (36) 95th Percentile
- >1200 - <=7180.0 (25) 98th Percentile

2014 Soil Sample

Au (ppb)

- 2.5 - <=125 (246 samples)
- >125 - <=310 (8) 75th Percentile
- >310 - <=575 (1) 90th Percentile
- >575 - <=1200 (3) 95th Percentile
- >1200 - <=7180 (1) 98th Percentile
- Mineralized Zone
- Alteration Zone (Minerals)
- MAG Lineament
- Fault

Geologic Contacts

- Defined
- Approximate
- Inferred
- Alteration Contact
- Elevation Contour (in feet a.s.l.)
- Tenure Boundary (Tenure ID in Italics with Red Halo)

GOLDEN RIDGE RESOURCES Ltd

Date: 2015/01/20	**Hank Property**
Rev.: --	
Version: 1	
Figure: 2	**Geochem Compilation**
Author: WSH	
Office: Vancouver	
Scale: 1:5,000	
Filename: 20150120_Au_Soils_Geology_DDH.mxd	
Location: NTS 104G01/02/07/08, Liard Mining Division	
Projection: UTM Zone 9 (NAD 83)	

0 100 200 300 400 500

Meters

Plate 10

TerraSpec SWIR Map for Kaolinite-Halyosite-Dickite

407,000 408,000 409,000 410,000 411,000 412,000

6,344,000 6,343,000 6,342,000 6,341,000

222248 222250 222249 222389

Hank Creek

1 2 3 4 5 6 7 8 9 10 11 12 13 14

Creek 8
A-D Zones

Creek 5
A-D Zones

Creek 5
Flat Zone
Area

440 Pit
Outline

200 Pit
Outline

UAZ
(ser-py-cb)

LAZ
(ser-py-cb)

UAZ
(ser-gy-cb)

(qtz-cly +/- py)

Silicified Zone
(qtz +/- py)

Felsite Hill
(qtz-cly +/- py)

Bald Bluff
(qtz-cly-py)

Flats Zone
(qtz-ser-py)

WEST HANK FAULT

Rojo Chico
(qtz-cly-py)

Rojo Grande
(qtz-cly +/- py)

Goat Peak
(qtz-cly-py)

N

Legend

2014 TerraSpec Samples (369 Total)

T1_1 T2_1 T1_2 T2_2

Each quadrant represents a test.
There are two readings for each test.
The top half of the circle represents the primary tests, the bottom half secondary tests.
The colour represents a specific mineral OR a specific mineral within a mineral grouping.

Sample ID Syntax: Test<#>_<Reading #>

Colour	Mineral OR Mineral Grouping
	Aspectral, Dark, Dry/Vegetation, Wood, Null
	Brucite, FeTourmaline, Gibbsite, Jarosite, Gypsum, Palygorskite, Prehnite, Riebeckite, Zoisite
	Opal
	K Alunite, NH Alunite
	Hallyosite, Kaolinite, Dickite
	Montmorillonite, Nontronite
	Illite
	Muscovite, Paragonite, Phengite
	FeChlorite, IntChlorite, MgChlorite
	Siderite, Ankerite, Magnesite, Dolomite, Calcite
	Epidote
	Drill Collar Location

Geologic Contacts

- Defined
- Approximate
- Inferred
- Alteration Contact
- Mineralized Zone
- Alteration Zone (Minerals)
- Elevation Contour (in feet a.s.l.)
- Tenure Boundary (Tenure ID in Italics with Red Halo)

GOLDEN RIDGE RESOURCES Ltd

Date: 2014/11/18	**Hank Property**
Rev.: --	
Version: 4	**2014 TerraSpec Kaolinite, Halyosite, Dickite**
Figure: --	
Author: WSH	
Office: Vancouver	
Scale: 1:5,000	
Filename: 20141219_2014_Hank_TerraSpec_Results_4.mxd	
Location: NTS 104G01/02/07/08, Liard Mining Division	
Projection: UTM Zone 9 (NAD 83)	

0 100 200 300 400 500
Meters

Plate 11

TerraSpec SWIR Map for K Alunite-NH Alunite

Legend

2014 TerraSpec Samples (369 Total)

Each quadrant represents a test.
There are two readings for each test.
The top half of the circle represents the primary tests, the bottom half secondary tests.
The colour represents a specific mineral OR a specific mineral within a mineral grouping.

Sample ID Syntax: Test<#>_<Reading #>

Colour	Mineral OR Mineral Grouping
	Aspectral, Dark, Dry/Vegetation, Wood, Null
	Brucite, FeTourmaline, Gibbsite, Jarosite, Gypsum, Palygorskite, Prehnite, Riebeckite, Zoisite
	Opal
	K Alunite, NH Alunite
	Hallyosite, Kaolinite, Dickite
	Montmorillonite, Nontronite
	Illite
	Muscovite, Paragonite, Phengite
	FeChlorite, IntChlorite, MgChlorite
	Siderite, Ankerite, Magnesite, Dolomite, Calcite
	Epidote
	Drill Collar Location

Geologic Contacts

- Defined
- Approximate
- Inferred
- Alteration Contact
- Mineralized Zone
- Alteration Zone (Minerals)
- Elevation Contour (in feet a.s.l.)
- Tenure Boundary (Tenure ID in Italics with Red Halo)

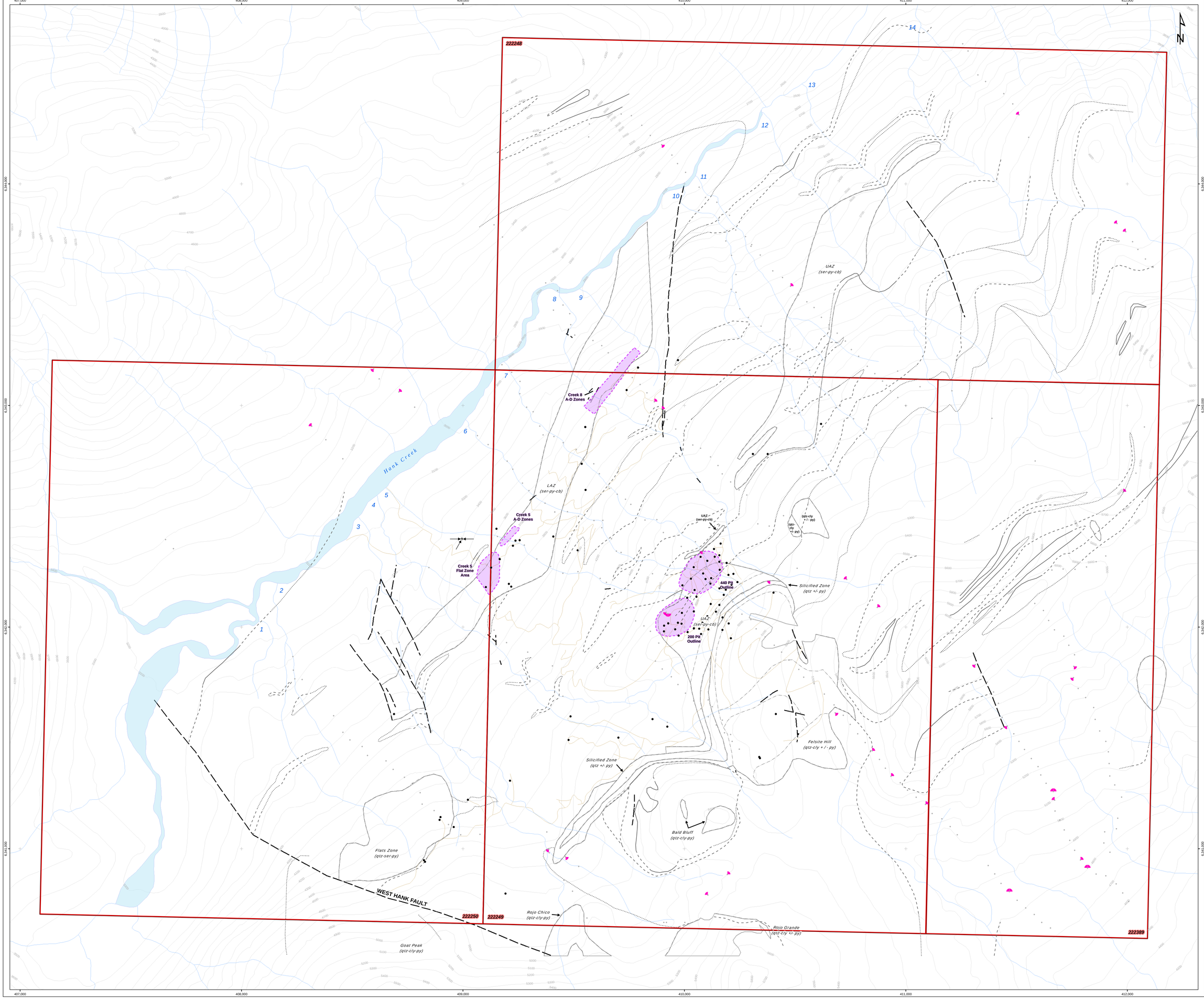
GOLDEN RIDGE RESOURCES Ltd

Date: 2014/11/18	**Hank Property**
Rev.: --	**2014 TerraSpec K-Alunite, NH Alunite**
Version: 4	
Figure: --	
Author: WSH	
Office: Vancouver	
Scale: 1:5,000	
Filename: 20141219_2014_Hank_TerraSpec_Results_3.mxd	
Location: NTS 104G01/02/07/08, Liard Mining Division	
Projection: UTM Zone 9 (NAD 83)	

0 100 200 300 400 500
Meters

Plate 12

TerraSpec SWIR Map for Montmorillonite-Nontronite



Legend

2014 TerraSpec Samples (369 Total)

Each quadrant represents a test.
There are two readings for each test.
The top half of the circle represents the primary tests, the bottom half secondary tests.
The colour represents a specific mineral OR a specific mineral within a mineral grouping.
Syntax: Test<#>_<Reading #>

T1_1 T2_1 T1_2 T2_2
Sample ID

Colour	Mineral OR Mineral Grouping
	Aspectral, Dark, Dry/Vegetation, Wood, Null
	Brucite, FeTourmaline, Gibbsite, Jarosite, Gypsum, Palygorskite, Prehnite, Riebeckite, Zoisite
	Opal
	K Alunite, NH Alunite
	Hallyosite, Kaolinite, Dickite
	Montmorillonite, Nontronite
	Illite
	Muscovite, Paragonite, Phengite
	FeChlorite, IntChlorite, MgChlorite
	Siderite, Ankerite, Magnesite, Dolomite, Calcite
	Epidote
	Drill Collar Location

Geologic Contacts

- Defined
- Approximate
- Inferred
- Alteration Contact
- Mineralized Zone
- Alteration Zone (Minerals)
- Elevation Contour (in feet a.s.l.)
- Tenure Boundary (Tenure ID in Italics with Red Halo)

GOLDEN RIDGE RESOURCES Ltd

Date: 2014/11/18	**Hank Property**
Rev.: --	**2014**
Version: 4	**TerraSpec**
Figure: --	**Montmorrilonite, Nontrolite**
Author: WSH	
Office: Vancouver	
Scale: 1:5,000	

Filename: 20141219_2014_Hank_TerraSpec_Results_7.mxd

Location: NTS 104G01/02/07/08, Liard Mining Division

Projection: UTM Zone 9 (NAD 83)

0 100 200 300 400 500
Meters

Plate 13

TerraSpec SWIR Map for Illite

Legend

2014 TerraSpec Samples (369 Total)

Each quadrant represents a test.
There are two readings for each test.
The top half of the circle represents the primary tests, the bottom half secondary tests.
The colour represents a specific mineral OR a specific mineral within a mineral grouping.
Syntax: Test<#>_<Reading #>

Sample ID

Colour	Mineral OR Mineral Grouping
	Aspectral, Dark, Dry/Vegetation, Wood, Null
	Brucite, FeTourmaline, Gibbsite, Jarosite, Gypsum, Palygorskite, Prehnite, Riebeckite, Zoisite
	Opal
	K Alunite, NH Alunite
	Hallyosite, Kaolinite, Dickite
	Montmorillonite, Nontronite
	Illite
	Muscovite, Paragonite, Phengite
	FeChlorite, IntChlorite, MgChlorite
	Siderite, Ankerite, Magnesite, Dolomite, Calcite
	Epidote
	Drill Collar Location

Geologic Contacts

- Defined
- Approximate
- Inferred
- Alteration Contact
- Mineralized Zone
- Alteration Zone (Minerals)
- Elevation Contour (in feet a.s.l.)
- Tenure Boundary (Tenure ID in Italics with Red Halo)

GOLDEN RIDGE RESOURCES Ltd

Date: 2014/11/18	**Hank Property**
Rev.: --	
Version: 4	**2014 TerraSpec Illite**
Figure: --	
Author: WSH	
Office: Vancouver	
Scale: 1:5,000	
Filename: 20141219_2014_Hank_TerraSpec_Results_8.mxd	
Location: NTS 104G01/02/07/08, Liard Mining Division	
Projection: UTM Zone 9 (NAD 83)	

0 100 200 300 400 500
Meters

Plate 14

TerraSpec SWIR Map for Muscovite-Paragonite-Phengite

407,000 408,000 409,000 410,000 411,000 412,000

6,344,000 6,343,000 6,342,000 6,341,000

222248 222250 222249 222389

14 13 12 11 10 9 8 7 6 5 4 3 2 1

Hank Creek

UAZ (ser-py-cb)

LAZ (ser-py-cb)

Creek 8 A-D Zones

Creek 5 A-D Zones

Creek 5 Flat Zone Area

UAZ (ser-gy-cb)

(qtz-cly +/- py)

640 Pit Outline

200 Pit Outline

Silicified Zone (qtz +/- py)

Felsite Hill (qtz-cly +/- py)

Bald Bluff (qtz-cly-py)

Flats Zone (qtz-ser-py)

WEST HANK FAULT

Rojo Chico (qtz-cly-py)

Rojo Grande (qtz-cly +/- py)

Goat Peak (qtz-cly-py)

Legend

2014 TerraSpec Samples (369 Total)

T1_1 T2_1 T1_2 T2_2

Each quadrant represents a test.
There are two readings for each test.
The top half of the circle represents the primary tests, the bottom half secondary tests.
The colour represents a specific mineral OR a specific mineral within a mineral grouping.

Sample ID Syntax: Test<#>_<Reading #>

Colour	Mineral OR Mineral Grouping
	Aspectral, Dark, Dry/Vegetation, Wood, Null
	Brucite, FeTourmaline, Gibbsite, Jarosite, Gypsum, Palygorskite, Prehnite, Riebeckite, Zoisite
	Opal
	K Alunite, NH Alunite
	Hallyosite, Kaolinite, Dickite
	Montmorillonite, Nontronite
	Illite
	Muscovite, Paragonite, Phengite
	FeChlorite, IntChlorite, MgChlorite
	Siderite, Ankerite, Magnesite, Dolomite, Calcite
	Epidote
	Drill Collar Location

Geologic Contacts

- Defined
- Approximate
- Inferred
- Alteration Contact
- Mineralized Zone
- Alteration Zone (Minerals)
- Elevation Contour (in feet a.s.l.)
- Tenure Boundary (Tenure ID in Italics with Red Halo)

GOLDEN RIDGE RESOURCES Ltd

Date: 2014/11/18	**Hank Property**
Rev.: --	**2014 TerraSpec Muscovite, Paragonite, Phengite**
Version: 4	
Figure: --	
Author: WSH	
Office: Vancouver	
Scale: 1:5,000	
Filename: 20141219_2014_Hank_TerraSpec_Results_9.mxd	
Location: NTS 104G01/02/07/08, Liard Mining Division	
Projection: UTM Zone 9 (NAD 83)	

0 100 200 300 400 500

Meters

Plate 15

TerraSpec SWIR Map for Fe, and Intermediate and Mg Chlorite

407,000 408,000 409,000 410,000 411,000 412,000

6,344,000 6,343,000 6,342,000 6,341,000

222248 222250 222249 222389

Hank Creek

1 2 3 4 5 6 7 8 9 10 11 12 13 14

Creek 8
A-D Zones

Creek 5
A-D Zones

Creek 5
Flat Zone
Area

440 Pit
Outline

200 Pit
Outline

UAZ
(ser-py-cb)

LAZ
(ser-py-cb)

(qtz-cly
+/- py)

(qtz-cly +/- py)

Siliciified Zone
(qtz +/- py)

Felsite Hill
(qtz-cly + / - py)

Bald Bluff
(qtz-cly-py)

Flats Zone
(qtz-ser-py)

Rojo Chico
(qtz-cly-py)

Rojo Grande
(qtz-cly +/- py)

Goat Peak
(qtz-cly-py)

WEST HANK FAULT

Legend

2014 TerraSpec Samples (369 Total)

T1_1 T2_1 T1_2 T2_2

Each quadrant represents a test.
There are two readings for each test.
The top half of the circle represents the primary tests, the bottom half secondary tests.
The colour represents a specific mineral OR a specific mineral within a mineral grouping.
Syntax: Test<#>_<Reading #>

Sample ID

Colour	Mineral OR Mineral Grouping
	Aspectral, Dark, Dry/Vegetation, Wood, Null
	Brucite, FeTourmaline, Gibbsite, Jarosite, Gypsum, Palygorskite, Prehnite, Riebeckite, Zoisite
	Opal
	K Alunite, NH Alunite
	Hallyosite, Kaolinite, Dickite
	Montmorillonite, Nontronite
	Illite
	Muscovite, Paragonite, Phengite
	FeChlorite, IntChlorite, MgChlorite
	Siderite, Ankerite, Magnesite, Dolomite, Calcite
	Epidote
	Drill Collar Location

Geologic Contacts

- Defined
- Approximate
- Inferred
- Alteration Contact
- Mineralized Zone
- Alteration Zone (Minerals)
- Elevation Contour (in feet a.s.l.)
- Tenure Boundary (Tenure ID in Italics with Red Halo)

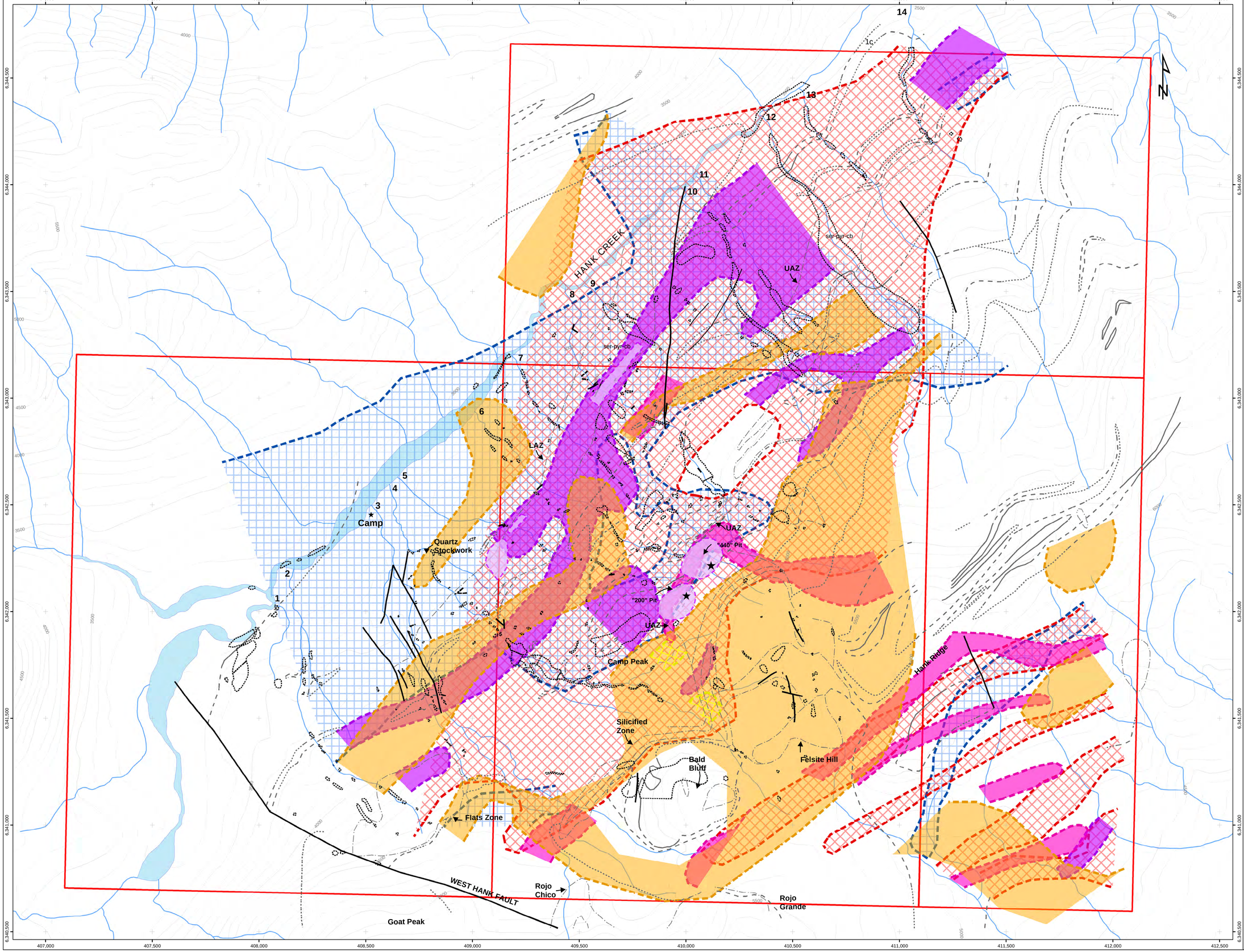
GOLDEN RIDGE RESOURCES Ltd

Date: 2014/11/18	**Hank Property**
Rev.: --	**2014 TerraSpec Chlorite (Fe, Int, Mg)**
Version: 4	
Figure: --	
Author: WSH	
Office: Vancouver	
Scale: 1:5,000	
Filename: 20141219_2014_Hank_TerraSpec_Results_10.mxd	
Location: NTS 104G01/02/07/08, Liard Mining Division	
Projection: UTM Zone 9 (NAD 83)	

0 100 200 300 400 500
Meters

Plate 16

TerraSpec SWIR Compilation Map



Legend

TerraSpec Interpreted Areas

- K-Alunite and NH-Alunite
- Kaolinite, Halyosite and Dickite
- Montmorrilonite and Montrolite
- Illite
- Muscovite, Paragonite, Phengite
- Fe, Int, and Mg Chlorite

Geologic Contacts

- Defined
- Approximate
- Inferred
- Alteration Contact

Faults and Shears (1990 & 1992)

Type

- Fault
- Lineament
- Shear

Outcrops (1990)

- Outcrop Outline
- Mineralized Zone
- Tenure Boundary

GOLDEN RIDGE RESOURCES Ltd.

Date: 2015/01/22	**Hank Project** TerraSpec Interpretation
Rev.: --	
Version: 2.0	
Figure: 1	
Author: MC / WSH	
Office: Vancouver	
Scale: 1:7,500	
Filename: 20150122_2014_Hank_TerraSpec_Interpretation.mxd	
Location: Liard Mining District, NTS 104G01 / 02	
Projection: UTM Zone 9 (NAD83)	

0 100 200 300 400 500

Meters