Assessment Report

Rock Geochemistry and Geological Mapping on the Heath Property

Omineca Mining Division

93N06

UTM Zone 10 NAD83
362000E 6127600N

55^0 20' North Latitude
125^0 10 West Longitude

For

West Cirque Resources Ltd.

By

Tony Barresi
John Bradford

October 21, 2013

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Rock Geochemistry and Geological Mapping on the Heath Property

Introduction

The Heath Property was examined by the authors over the course of six days on October 4, 2012 and September 5-9, 2013. The purpose of the field program was to prospect and evaluate the surface extent and style of mineralization at the Heath copper-gold-silver-molybdenum-platiunum-palladium prospect. Representative rock samples were collected in mineralized areas to document the distribution and tenor of mineralization. All work including report writing was completed at a cost of $16,430 (Appendix B).

Location and Access

The Heath Property is located 108 kilometers northwest of Fort St. James in central B.C. (Figure 1). The property is located in NTS 93N/06, at latitude 55Á20ôN, longitude 125Á10'W. Access to the area from Fort St. James is via the Tachie Highway for about 40 kilometers to the Leo Creek FSR turnoff, then via the Leo Creek to the Driftwood FSR at kilometer 68. Past Tchentlo Lake the Driftwood FSR connects with the Tchentlo FSR which traverses the southwestern part of the property. Old cat roads on the property were used for historical trenching activities.

Physiography, Climate and Vegetation

The following is modified from Toohey et al., (1991):

The Heath property is located near the southern end of the Omineca Mountains. The boundary between the Omineca Mountains and the adjacent Nechako Plateau lies just south of the property along the north shore of Tchentlo lake. At this physiographic boundary, south-southeastward directed Pleistocene valley glaciation, moving parallel to the upper Nation River valley, converged with the main body of the eastward advancing Cordilleran icesheet which covered all of the Nechako Plateau.

On the till planes to the south of the property, drumlin-like ridges and parallel grooves identified in air photographs indicate a glacial transport direction to the ENE. Ice covered all of the property during the Pleistocene and advanced in directions which rotate from SSE at the north end of the claims to SE at the south end.

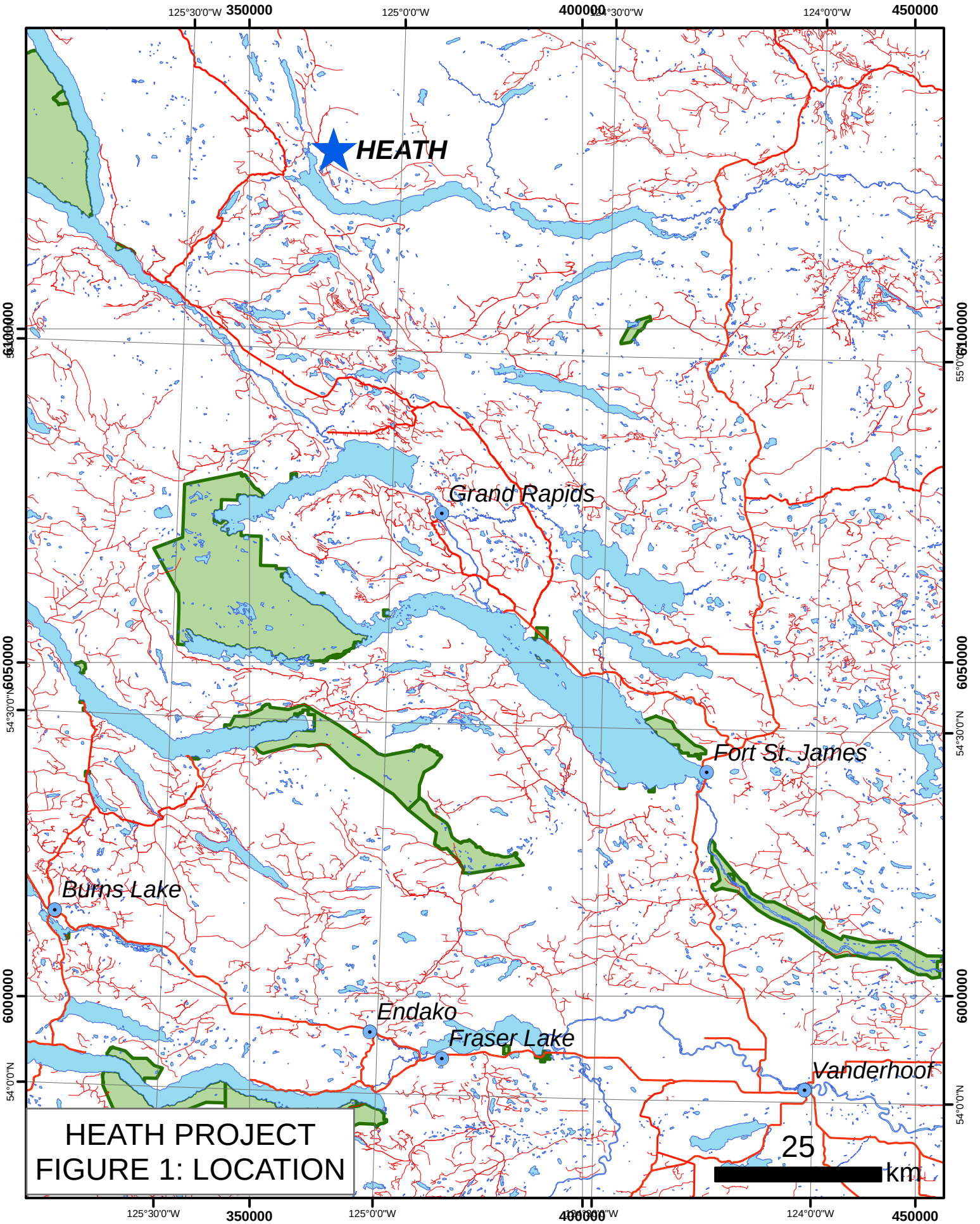
Elevations range from 870 metres at Tchentlo Lake to 1600 metres in the northeast corner of the property. The lower valley slopes are gentle and forested with open jackpine and poplar. Relief is more rugged and slopes considerably steeper at intermediate elevations (950 to 1400 metres). These areas are forested with denser stands of spruce, balsam and alder. South-facing slopes near the ridge crests are rounded and more gentle than slopes at intermediate elevations but the north-facing ridge-crest slopes are steep and rugged. Alpine grasses and stunted shrubs vegetate the higher elevations.

Claims and Ownership

The Heath Property consists of four contiguous claims which total 1419 hectares, as indicated in Table 1 and Figure 2. They are owned 100% by West Cirque Resources Ltd. (BC FMC number 251682) of 510-530 Burrard St., Vancouver, BC.

Table 1: Claim Status

Tenure	Name	Tenures.Owner	Map	GTD	Status	Area
950109	DEZI	251682 (100%)	093N	2015/dec/30	GOOD	442.1566
1012791	HOP MANNA	251682 (100%)	093N	2015/dec/30	GOOD	368.4899
1012795	DOGFISH	251682 (100%)	093N	2015/dec/30	GOOD	460.7795
1014575	HEATH 3	251682 (100%)	093N	2015/dec/30	GOOD	147.4184



HEATH PROJECT
FIGURE 1: LOCATION

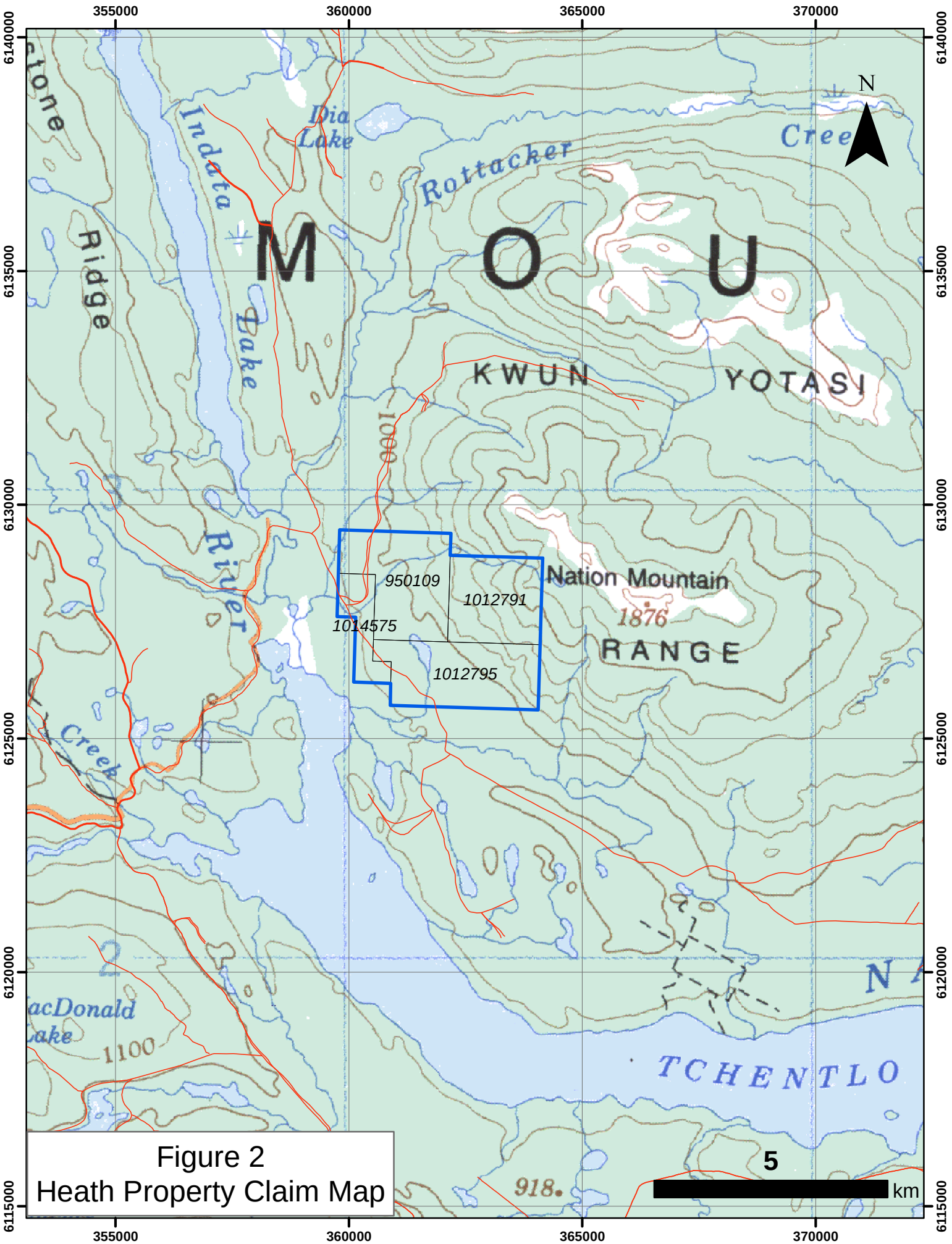


Figure 2
Heath Property Claim Map

Exploration History

The following summary of the exploration history of the Heath prospect is from the MINFILE summary (Heath #1, MINFILE 093N072):

Colin Campbell held claims covering the core of the Heath property since 1968 when he discovered copper mineralization during steam sediment anomaly follow-up. He excavated several hand-trenches exposing magnetite-chalcopyrite fissure veins with intensely-altered wallrock zones that were anomalous in lead, zinc, silver, gold and copper.

In the spring of 1969, Amax Exploration conducted a reconnaissance soil geochemical survey over an area near the centre of the property. The pulps were analyzed for copper and molybdenum. This survey outlined a 2,000 meter by 2,400 meter zone of anomalous Cu defined by analyses exceeding 200 ppm.

In October of 1969, the property was optioned to Senate Mining and Exploration Ltd. who carried out geological mapping and a ground magnetometer survey. It was returned to Mr. Campbell in 1972 and optioned that same year to Nation Lake Mines Ltd.

In 1973, McPhar Geophysics was contracted by Nation Lake Mines to carry out a frequency domain induced polarization survey over the Amax soil grid. Seven linear anomalies were identified and a broad anomalous zone measuring 300 meters by 600 meters was outlined.

By 1973, exposures of widespread chalcopyrite mineralization and of mineralized chloritic shear zones extending up to 4.5 metres wide had been identified on the property. A sample across 2.1 metres assayed 1.0 grams per tonne gold, 44.6 grams per tonne silver and 3.25 per cent copper (Property File Cyprus Anvil R.H. Seraphim, 1973). Minor galena and sphalerite were found with chalcopyrite in another hand trench and assayed 0.7 grams per tonne gold, 116.6 grams per tonne silver, 0.15 per cent copper and 0.3 per cent lead (Property File Cyprus Anvil R.H. Seraphim, 1973). A three-hole drill program was recommended, but the option was dropped.

No exploration was done between 1973 and August of 1988 at which time Mr. Campbell tested the gold geochemical response on two small detailed soil grids in areas of known mineralization. The soil samples returned analyses ranging up to 1035 parts per billion gold, 100 parts per million silver and 32,000 parts per million copper (Assessment Report 17988).

In 1989, Teck completed 86 line kilometers of ground magnetics and VLF-EM on a 9 square kilometer grid in the centre of the property and collected 4,152 soil samples (Assessment Report 20552). Teck's 1990 program consisted of 1.6 linear kilometers of excavator trenching, 9.2 line kilometers of IP surveys, 121.92 meters of diamond drilling

and collection of 2279 soil samples. In 1991, a summary field report detailed the results of an IP survey which identified several broad high chargeability anomalies. A subsequent 969 metre, 10 hole drilling program failed to intersect economically important grades and thickness of porphyry copper gold mineralization (Assessment Report 21948). It concluded that the drilling had not encountered materials of economic value and suggested a further program.

In 2001, using a government prospector grant, Mr. Campbell revisited the property and sampled the coarse grained gabbroic and pyroxene materials (Prospectors Report 2001-44). Several samples were anomalous in platinum group elements. Three X-ray holes were drilled testing areas near the previously trenched area.

In 2007, long-time owner Colin Campbell conducted a 40 sample soil survey and a 0.8 kilometer ground magnetic survey (Assessment Report 29436).

Regional Geological Setting

The property is located in the prolific Quesnel Trough, 30 kilometers south of the Kwanika deposit (142 million tonnes of 0.31% Cu and 0.29 grams per tonne Au indicated resource; Figure 3) and 74 kilometers northwest of the Mt. Milligan project (482 million tonnes of 0.20% Cu and 0.39 grams per tonne Au proven and probable reserve), presently under development by Thompson Creek Metals .

The area is underlain by plutonic rocks assigned to the Late Triassic to Early Cretaceous Hogem Batholith which have been emplaced into volcanic rocks of the Middle Triassic to Lower Jurassic Takla Group, east of the Pinchi fault zone. The Hogem batholith is a large composite body of alkaline and calc-alkaline plutons. It is elongate in shape, extending for a length of 150 kilometres in the NW-SE direction between the Nation Lakes and the Mesilinka River. It varies in width up to 25 kilometres and covers an area of approximately 3,000 square kilometres. The batholith is in intrusive contact with Takla Group volcanics along all of its eastern, southern and northern margins.

To the west, it is truncated by the Pinchi fault and it is in faulted contact with rocks of the Cache Creek Terrane along its entire western margin, except where narrow wedges of Takla Group rocks are preserved which separate it from the fault.

The Hogem batholith has a complex intrusive history spanning the time interval from mid-Triassic to mid-Cretaceous. Garnett (1978) differentiated the batholith into four compositionally distinct plutonic suites and divided it geochronologically into three distinct phases of emplacement. Chemical affinities suggest volcanic/plutonic equivalence between Takla Group volcanics adjacent to the Hogem batholith and intrusive varieties of Phase I, the oldest and most dominant phase (Garnett, 1978). The emplacement of Phases II and III of the Hogem batholith post-dates accretion of the Intermontane Superterrane and these phases are not comagmatic with the Takla Group volcanics.

Of the three phases comprising the Hogem Intrusive Complex, only rocks of the Late Triassic to Lower Jurassic Hogem granodiorite and Hogem basic suite underlie the area. Diorite is the most abundant rock type, hosting irregular bodies of coarse-grained clinopyroxene gabbro, pyroxenite and hornblendite and local feldspar porphyry, diabase, granodiorite and andesite porphyry dikes. Granodiorite has also been mapped to the east. These rocks are disrupted along several subordinate faults paralleling the Pinchi fault zone to the east and have undergone widespread propylitic and potassic and local carbonate alteration.

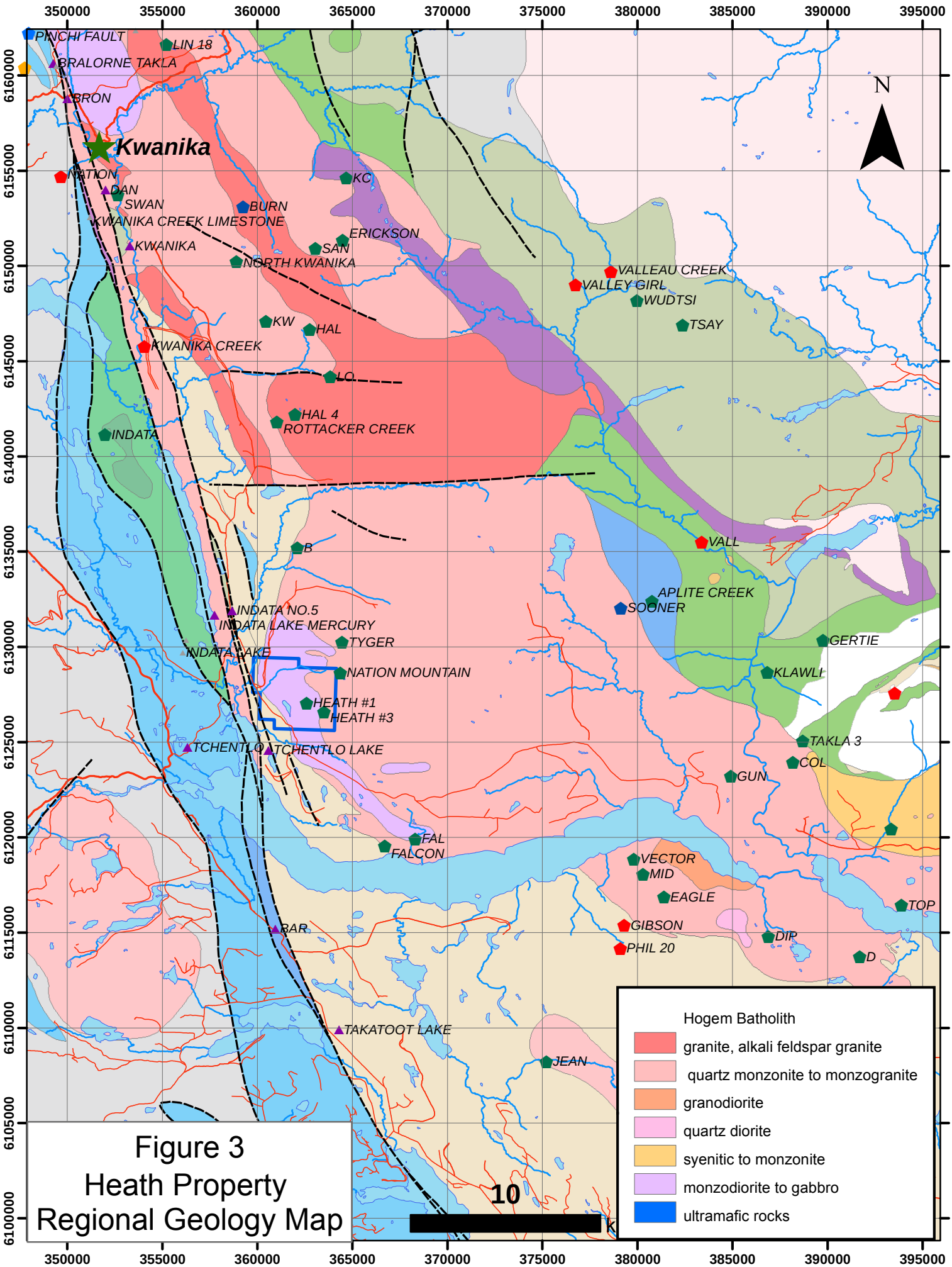


Figure 3
Heath Property
Regional Geology Map

Work Completed

The Heath Property was examined by Tony Barresi, Nigel Luckman, John Bradford and John Fleishman in October 4, 2012 and September 5-9, 2013. The primary focus of the work program was to re-examine and re-sample the altered and mineralized core of the Heath alkalic porphyry system which was not tested by the 1991 Teck drill program.

Property Geology

Lithology

The Heath property is primarily underlain by hornblende diorite of the Hogem batholith (Figures 3, 4). The diorite is comprised of plagioclase + hornblende + magnetite Ñ clinopyroxene Ñ quartz Ñ biotite. There is no typical texture as the rock varies, often on an outcrop scale, from fine grained to pegmatitic, and from melanocratic to leucocratic. Hornblende is the main mafic phase in the diorite, it typically occupies between 15 and 60% volume of the rock. In some locations there are isolated enclaves or sometimes ñlayersò of hornblendite comprised almost entirely of hornblende; conversely, extremely leucocratic rock with only 5% or less hornblende is also present. Texturally, hornblende ranges from large prismatic crystals to completely anhedral crystals interlocking with plagioclase. In some locations angular interlocking hornblende and plagioclase are reminiscent of a graphic texture. Magnetite is an important phase typically occupying 5% volume but up to 10%. It occurs as 1-3mm diameter subhedral to euhedral disseminated crystals, and also as tiny inclusions within hornblende rich domains which are highly magnetic. In some locations the rock is so magnetic that compasses are rendered useless. Rarely the rock includes up to 5% 1-4mm quartz crystals. Clinopyroxene has been described as a major constituent of the rock in previous work (Toohey and Donkersloot, 1990) however it was not definitively identified by this author. Biotite is a common constituent of the rock; it is unclear if any of the biotite is of primary igneous origin, however, it is clear that most of it is the result of potassic alteration, and will be discussed further in the alteration section.

The most striking textural feature of the diorite on the Heath Property is the high degree of variability. The diorite has rapid variation in grain size, grain shape, and overall composition. The boundaries between texturally and compositionally variable phases of the diorite range from gradational, to sharp, and the geometry of the variation ranges from parallel layering/banding, to sharp contacts with multiple types of enclaves (probably autoliths), to completely random and irregular oriented gradational changes.

Together these rocks are best characterized as appinites, a suite of rocks defined by Murphy (2013) as ñplutonic and/or hypabyssal rocks, ranging from ultramafic to felsic in composition in which hornblende is the dominant mafic mineral, and typically occurs both as large prismatic phenocrysts and in the finer grained matrix. The suite is also

characterized by abundant evidence for mixing and mingling between diverse magma types and variable degrees of contamination by host rock.ò Similar to the diorites underlying the Heath property, appinites have highly variable textures and composition. Some of the textural variability is attributed to rapid crystal growth resulting from high H2O contents which leads to reduced melt viscosity and efficient migration of ions.

Structure

A cursory survey of structural orientations through the property indicates a strong NW striking and moderately dipping fabric. A range of orientations which are mostly bracketed between 305 and 325 (with a few outliers) were measured from albite, biotite, and magnetite veins, slickensides, joint-sets, shear-zones, and mineralized alteration/igneous ñlayeringò. This orientation is roughly parallel to the Pinchi fault which lies just to the west of the property and juxtaposes the Hogem batholith and oceanic rocks of the Cache Creek Terrane. Significant property scale faults which may in part be controlling the margins of the central mineralized zone at Heath are shown on Figure 4.

Alteration

Three types of alteration were observed on the Heath property: (1) propylitic, which is represented as chlorite and epidote veining and mineral replacement ï this alteration sometimes occurs as a retrograde overprint on potassic altered rock; (2) potassic alteration which has two facies: i) biotite dominant, and ii) K-feldspar dominant; and (3) iron-carbonate, which is comprised of calcite and ankerite in strongly sheared rocks and often overprints potassic alteration.

Propylitic

Propylitic alteration is recognized on the Heath property as epidote and chlorite veining, random and irregular shaped clots of partial to complete epidote replacement, and chlorite replacement of hornblende and biotite crystals. The intensity of propylitic alteration is normally very modest with rare epidote veining and minor rimming of hbl or biotite crystals with chlorite. In a few locations the intensity is moderate to strong: in these locations chlorite completely replaces hornblende and/or biotite. Increased propylitic alteration is commonly a retrograde alteration facies in rocks which have also suffered potassic alteration.

Potassic

There are two types of potassic alteration observed on the Heath property: i) biotite dominant alteration, and ii) K-feldspar dominant alteration.

Biotite dominant alteration occurs in two distinguishable facies. The first facies is only associated with low grade Cu mineralization. It has characteristic coarse grained biotite which forms porphyroblasts that are disseminated in the diorite, partly to completely replace hbl crystals, and form coarse, up to 2 cm thick, irregular shaped biotite veins. This facies has no associated K-feldspar but does have some association with narrow albite veins.

High grade Cu zones are associated with layers/lenses of nearly pure fine-grained biotiteÑmagnetite. The biotite lenses range from narrow <1cm wisps in ñlayeredò diorite, to 20 cm thick sometimes discontinuous layers in banded mineralized zones. Often these nearly pure fine grained biotite domains contain high proportions of disseminated and clotty chalcopyrite.

Enclaves of pure coarse biotite+magnetite are sometimes present in otherwise unaltered hornblende diorite.

K-feldspar alteration is represented on the Heath property as banded K-feldsparÑepidoteÑquartzÑcalciteÑbiotite veins and as partial to complete replacement of plagioclaseÑhornblende in the selvages of K-feldspar, quartz or magnetite veins, or fractures. Most typically K-feldspar is seen partly replacing plagioclase crystals in narrow selvages surrounding fractures or tiny magnetite veins. Where alteration is most intense selvages are comprised of coarse massive K-feldspar with tiny disseminated biotite and chalcopyrite crystals.

Type I biotite alteration is most common at low elevation and to the SW, while K-feldspar alteration is most common at high elevation and to the NE. Type II biotite alteration is confined to structural zones which occur in both areas.

Iron-Carbonate

Calcite and ankerite are abundant alteration minerals in some structural zones. They cross-cut the diorite and form a matrix to fault breccias. Rocks affected by Fe-Ca alteration have a distinct orangish colour. Potassic altered rocks are sometimes cross-cut and partly overprinted by Fe-Ca alteration.

Mineralization

A wide variety of mineralization is present on the Heath property. The 2013 visit focused on copper mineralization and areas with high grade silver-lead-zinc (e.g. Campbell, 1988) were not visited. Copper mineralization was found mainly in areas which exhibited potassic alteration. Mineralization is often concentrated is structures which are oriented

in the general NW fabric which is ubiquitous to the property. The following types of mineralization are of note:

- Low grade Cu mineralization occurs in association with intense K-feldspar alteration, where chalcopyrite is disseminated in K-feldspar vein selvages.
- Coarse biotite alteration is sometimes associated with visible disseminated chalcopyrite; when no chalcopyrite is visible the rock often contains 0.03-0.05% Cu.
- Sheeted magnetite veins, often spaced as closely as 10 cm apart, are commonly malachite stained and contain a trace of chalcopyrite.

High-grade copper mineralization occurs in association with fine-grained biotite and/or magnetite rich domains in hornblende diorite or ñlayeredò mineralized zones. These layers zones consist of 1 cm to 30 cm thick layers of variable rock-types. The layers include variable compositions and textures of hornblende diorite as well as layers with variable concentrations of fine grained biotite-magnetite-chalcopyrite-pyrite-bornite-epidote. The most strongly mineralized layers are concentrated towards the center of the layered zones and can consist entirely of biotite or magnetite with disseminated and big clots of cpy, or they can be mixed biotite and magnetite with variable amounts of chalcopyrite or pyrite. The layers are sometimes discontinuous and generally the zones have seen some degree of faulting, sometimes creating discrete zones of fault breccia which include fragments of strongly mineralized rock.

Rock Geochemistry

Procedure

Rock samples were collected from a variety of altered and variably mineralized zones in order to characterize the tenor and potential of these zones. The samples comprise representative grabs and chip samples from both outcrops and boulders excavated from trenches. Samples were collected in plastic sample bags and sealed with plastic zip ties. Sample locations were recorded by GPS. Sample locations are marked with flagging tape and embossed aluminum tags. Samples were bundled in security sealed rice bags and trucked to Inspectorate Exploration and Mining Services laboratory in Richmond (samples 1936657 to 661) and ALS Minerals laboratory in North Vancouver (samples Q724959 to 978).

At the laboratory, the samples were dried, crushed and pulverized using standard rock preparation procedures. The pulps were then analyzed for Au, Pt and Pd using a 30 gram fire assay with ICP-AES finish and for 35 elements by ICP-AES (ALS) or 50 elements by ICPMS (Inspectorate). The Inspectorate samples underwent 4-acid digestion, while aqua regia digestion was utilized for the ALS samples. Ore grade (>1%) copper were re-analyzed by ICP-AES (ALS) or by atomic absorption (Inspectorate). Quality control at both laboratories is maintained by submitting blanks, standards and re-assaying duplicate samples from each analytical batch.

Rock sample descriptions and analytical results are in Appendix C. Sample locations are plotted on Figures 4 and 5.

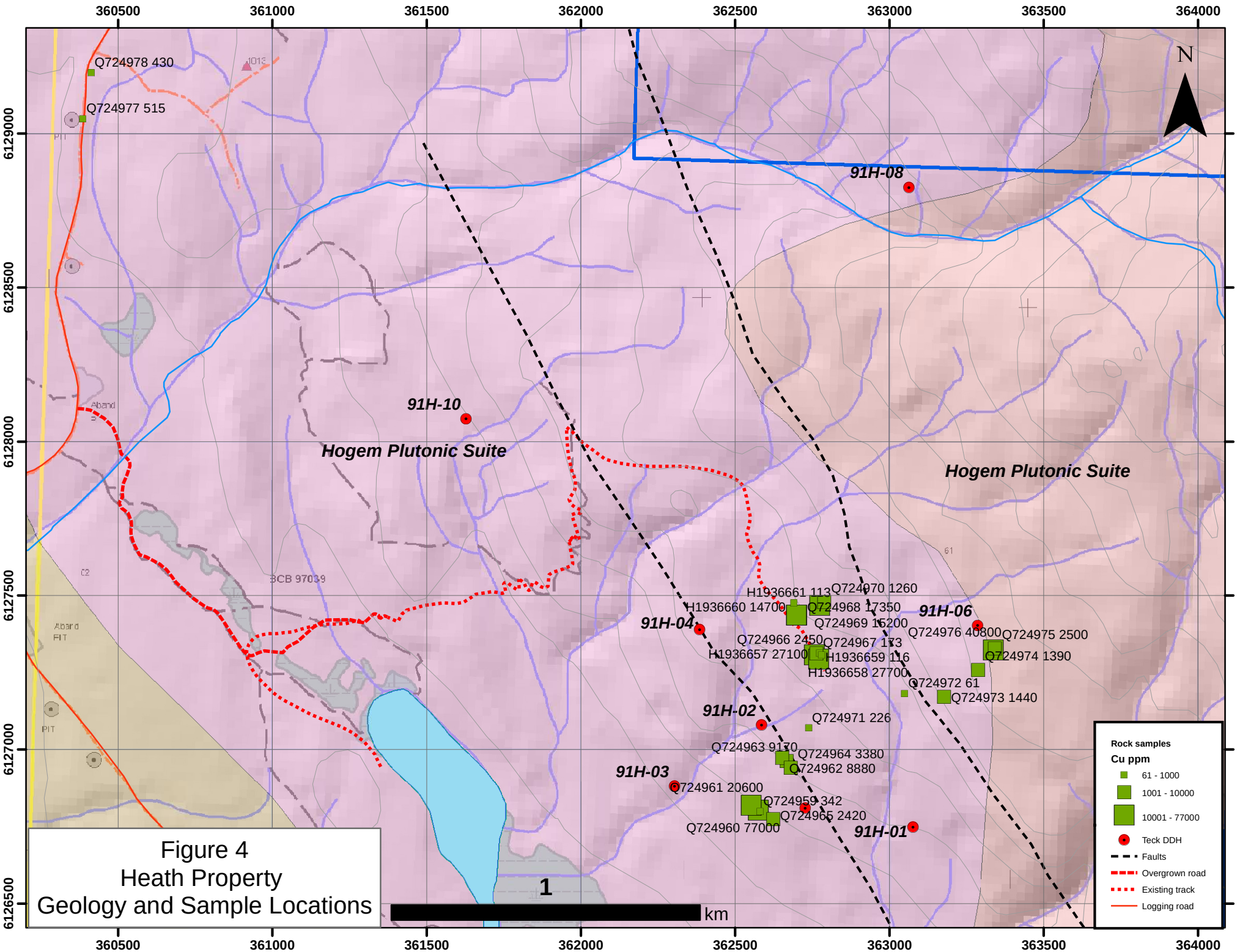
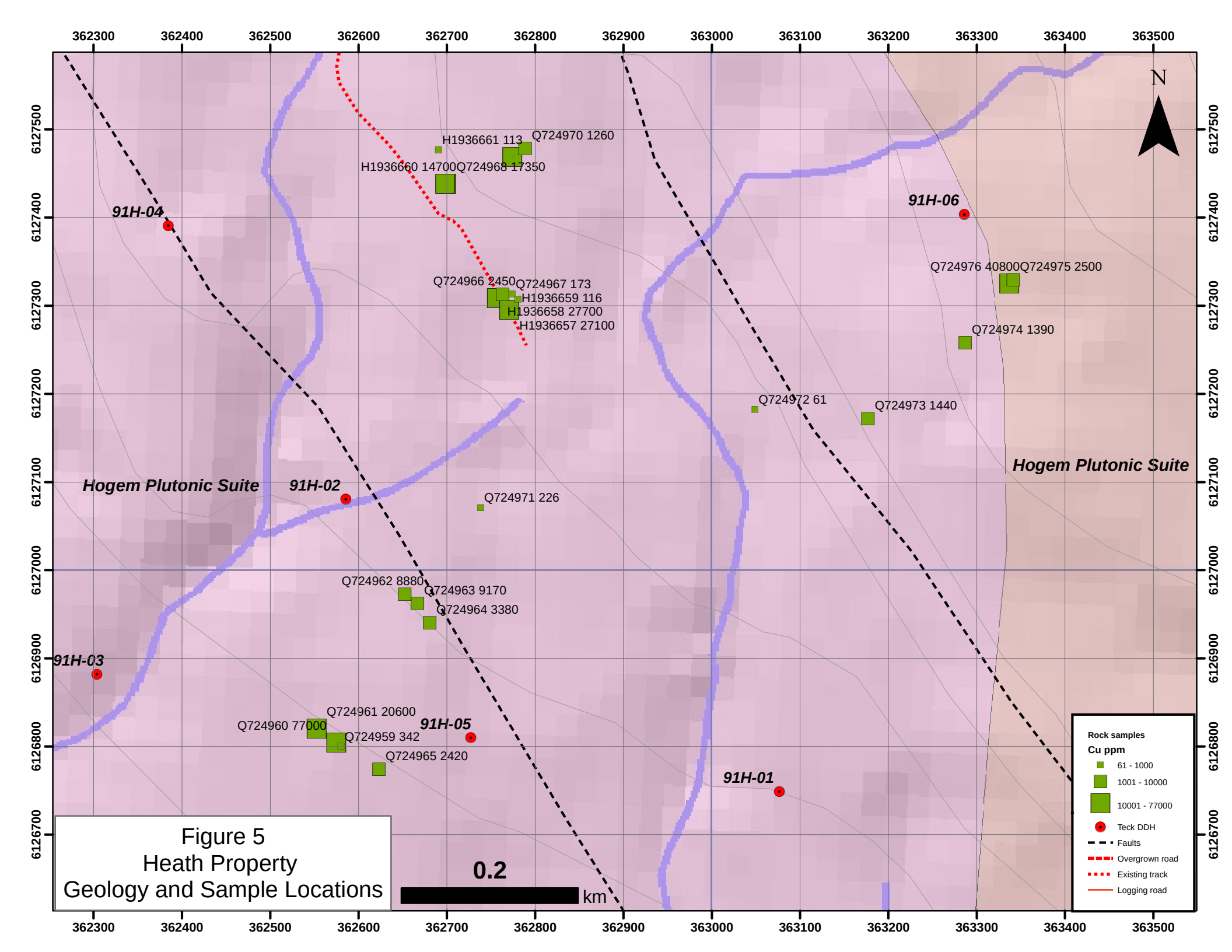


Figure 4
Heath Property
Geology and Sample Locations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91H-06
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Hogem Plutonic Suite
Hogem Plutonic Suite
91H-02
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Q724962 8880
Q724963 9170
Q724964 3380
91H-03
Q724961 20600
Q724960 77000
91H-05
Q724959 342
Q724965 2420
91H-01
Figure 5
Heath Property
Geology and Sample Locations
0.2
km
Rock samples
Cu ppm
61 - 1000
1001 - 10000
10001 - 77000
Teck DDH
Faults
Overgrown road
Existing track
Logging road

Results

Geochemical results for copper are plotted in parts per million next to the sample numbers on Figures 4 and 5.

A Zone

The historic A Zone trench (e.g. Toohey and Donkersloot, 1990) is a northwest trending mineralized structure containing locally brecciated layers of magnetite-chalcopyrite, biotite-magnetite- chalcopyrite, semi-massive chalcopyrite-quartz, chlorite/biotite altered diorite and biotite altered diorite with up to 15% disseminated pyrite. Three rock samples from the zone averaged 0.71% Cu, 0.38 g/t Au and 19 g/t Ag (Au assays in the table are in ppb or parts per billion):

Sample		Au ppb	Ag g/t	Cu %
Q724962	chip 1m	892	43.5	0.888
Q724963	chip 1.25m	203	10.3	0.917
Q724964	grab	40	3.6	0.338

In 2001 three shallow (13, 20 and 24 meter) packsack drill holes were collared beside the A Zone trenches and intersected multiple intervals of mineralization, including intervals not exposed in the trenches (Campbell, 2001). Sampled intervals included 3.15% Cu, 0.36 g/t Au and 22.6 g/t Ag over 1.52 meters (HEX01-01, 17.09-18.59), 1.02% Cu, 0.19 g/t Au and 9.1 g/t Ag over 3.05 meters (HEX01-02, 2.44-5.49) and 1.52% Cu, 0.32 g/t Au and 14.8 g/t Ag over 1.52 meters (HEX01-03, 3.96-5.49).

A newly documented mineralized zone about 180 meters southwest of the historic A Zone trenches was sampled over a strike length of 80 meters. Coarse grained, locally pegmatitic biotite-magnetite altered diorite is cut by biotite-chalcopyrite, quartz-epidote and albite veins. Both disseminated and poddy vein and shear-hosted chalcopyrite are present, and the wallrock contains up to 10% disseminated pyrite. Four rock samples from the zone averaged 2.51% Cu, 0.79 g/t Au and 34 g/t Ag:

Sample	Type	Au ppb	Ag g/t	Cu %
Q724959	grab	8	<0.2	0.034
Q724960	chip 1m	763	69.4	7.700
Q724961	grab	2330	66.4	2.060
Q724965	grab	52	0.9	0.242

Central Zone

The Central Zone is an area of limited outcrop and relatively flat topography extending over a strike length of at least 1.5 kilometers and a width of 0.5 kilometers. It is near the center of a large (2.4 by 2.0 kilometer) copper in soil anomaly outlined by Teck in 1990 (Toohey and Donkersloot, 1990). The Central Zone has not been tested by drilling. Diorite near the historic Trench C showing near the core of the zone is strongly carbonate altered and cut by quartz and calcite veins with chalcopyrite (Q724968, H1936660). About 80 meters to the east, an old cat track exposes subcropping boulders of magnetite, chalcopyrite and trace bornite (Q724969) and K-feldspar veined diorite with disseminated chalcopyrite and minor biotite (Q724970). Ten rock samples from this zone average 1.06% Cu, 0.069 g/t Au and 6.4 g/t Ag:

Sample	Type	Au ppb	Ag g/t	Cu %
H1936657	grab	165	21.0	2.710
H1936658	grab	173	22.3	2.770
H1936659	grab	94	1.0	0.012
H1936660	grab	10	6.9	1.470
H1936661	grab	7	0.1	0.011
Q724966	chip 1m	24	2.4	0.245
Q724967	grab	8	0.4	0.017
Q724968	grab	12	7.1	1.735
Q724969	grab	22	2.1	1.520
Q724970	grab	179	0.5	0.126

The highest platinum (Pt) and palladium (Pd) values were obtained from sample H1936660, a sample of pervasively carbonate altered diorite cut by chalcopyrite-bearing quartz and calcite veins (384 ppb Pd and 384 ppb Pt). The best molybdenum value (306.5 ppm Mo) was obtained from coarse grained melanodiorite cut by magnetite-chalcopyrite veins; no visible molybdenite was seen in this outcrop (sample H1936657).

East Zone

The East Zone is a newly delineated zone of mineralization centered about 600 meters southeast of Trench C. Mineralization outcrops sporadically across a width of at least 225 meters within a 300 by 400 meter part of the soil anomaly which contains numerous values over 1000 ppm Cu (up to 3671 ppm). Mineralization consists of sheeted magnetite-quartz-chalcopyrite, biotite-K-feldspar-magnetite-chalcopyrite and quartz-epidote-chalcopyrite veins. Four rock samples from the zone averaged 1.15% Cu, 0.19 g/t Au and 27.8 g/t Ag:

Sample		Au ppb	Ag g/t	Cu %
Q724973	grab	12	1.6	0.144
Q724974	grab	46	1.4	0.139
Q724975	grab	198	29.8	0.250
Q724976	grab	482	78.5	4.080

West Road

Exposures along the secondary logging road near the northwestern corner of the property consist mainly of texturally variable hornblende diorite cut by several pink monzonite dykes. Weak copper mineralization is associated with fracture zones with quartz veins, albite-magnetite and magnetite veins, and biotite stockwork:

Sample		Au ppb	Ag g/t	Cu ppm
Q724977	grab	16	0.5	515
Q724978	grab	14	0.4	430

Conclusions and Recommendations

The Heath property is underlain by a suite of appinites comprised mainly of hornblende diorite. The diorite has suffered variable degrees of potassic alteration over an area of at least 800 by 700 meters exposed over 200 meters of elevation. High grade mineralized zones are present throughout the property and separated by rock with low grade copper mineralization. The high-grade zones are structurally controlled ñlayersò oriented 305-325 with moderate to steep NE oriented dips. Where the ñlayersò have maximum-thickness and concentration they represent a significant target for an economic structurally-controlled porphyry style deposit.

The Central Zone represents the best drill target delineated to date, with strong mineralization and alteration cropping out sporadically over a large untested area (about 0.5 by 1.5 kilometers). Strong potassic alteration and sheeted magnetite veins in the East Zone may present a significant target as well; further mapping and sampling is recommended to delineate its extent. Additional mineralized zones may be present in areas of poor outcrop. A program of diamond drilling is recommended to test areas of known mineralization which have not been tested to date (e.g. Central and East Zones).

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Appendix A Statement of Qualifications

I, John Bradford, P.Geo., certify that:

1. I am presently Vice President Exploration for West Cirque Resources Ltd. with a business address located at:
   530-510 Burrard St.
   Vancouver, BC, Canada
   V6C 3A8

2. I am a member in good standing of the Association of Professional Engineers and Geoscientists of B.C.

3. I graduated from the University of British Columbia in 1985 with a Bachelor of Science in Geology and from the University of British Columbia in 1988 with a Master of Science in Geology.

4. Since 1988 I have been continuously employed in exploration for base and precious metals in North America, South America and China.

5. I supervised and participated in the 2012 exploration program at Heath and am therefore personally familiar with the geology of the Heath Property and the work conducted in 2012. I have co-prepared all sections of this report.

6.

Dated this 21st Day of October, 2013

Signature

John Bradford, M.Sc, P.Geo.

I, Tony Barresi, B.Sc., certify that:

1. I am a self employed consulting geologist with a business address located at: 62 East Side Dr., Ketch Harbour, Nova Scotia, B3V 1K5

2. I graduated from St. Maryôs University in 1985 with a Bachelor of Science in Geology and am currently a PhD candidate at Dalhousie University.

3. Since 2004 I have been continuously employed in exploration for base and precious metals in North America.

4. I supervised and participated in the 2013 exploration program at Heath and am therefore personally familiar with the geology of the Heath Property and the work conducted in 2013. I have co-prepared all sections of this report.

Dated this 21st Day of October, 2013

Signature

Tony Barresi, B.Sc.

Appendix B Statement of Costs

Item	Name	#	Cost	Item sub-total	Sub-totals
Geological - salaries and wages		man-days	daily rate		
	John Bradford	1	600	600.00	
	John Fleishman	1	500	500.00	
	Tony Barresi	5	600	3000.00	
	Nigel Luckman	5	550	2750.00	
Food & Accommodation: on-site					**6850.00**
	Food and Lodging, Tchentlo Lodge	12	125	1500.00	
					1500.00
Report					
	Preparation	2	600	1200.00	
	Materials, maps, binding, copying	1	100	100.00	
					1300.00
Geochemical					
	Rock sample assays	24	35	840.00	
					840.00
Vehicle	Truck rental	8	90	720.00	
	Mileage	400	0.25	100.00	
					820.00
MOB/DEMOB		days	rate		
Food & Accommodation: travel to/from site	Hotel	2	250	500.00	
	Food	3	100	300.00	
					800.00
		days	rate		
Wages: travel to/from site	Tony Barresi	3	600	1800.00	
	Nigel Luckman	3	550	1650.00	
					3450.00
Vehicle	Truck rental	3	90	270.00	
	Mileage	2400	0.25	600.00	
					870.00
				Total	**16430.00**

Appendix C Rock Samples

Sample	Project	Area	Geol	Stn	Lat	Long	y_proj	x_proj	Elev	Date	Type	Lab
							NAD 83 Zn 10	NAD 83 Zn 10				
H1936657	Heath	Central Zone	JB	HE2012JB86	55.27	-125.16	6127295.78	362770.70	1190	04-OCT-12 11:55:29AM	grab	Inspectorate
H1936658	Heath	Central Zone	JB	HE2012JB87	55.27	-125.16	6127308.89	362756.83	1192	04-OCT-12 12:00:27PM	grab	Inspectorate
H1936659	Heath	Central Zone	JB	HE2012JB88	55.27	-125.16	6127307.33	362780.74	1196	04-OCT-12 12:28:25PM	grab	Inspectorate
H1936660	Heath	Central Zone	JB	HE2012JB91	55.27	-125.16	6127438.73	362698.36	1203	04-OCT-12 12:44:54PM	grab	Inspectorate
H1936661	Heath	Central Zone	JB	HE2012JB92	55.27	-125.16	6127477.00	362690.65	1208	04-OCT-12 12:59:24PM	grab	Inspectorate
Q724959	Heath	A Zone - SW	TB	HE2013TB-362	55.27	-125.16	6126799.92	362580.27	1061	2013/09/05 16:55:51+00	grab	ALS
Q724960	Heath	A Zone - SW	TB	HE2013TB-363	55.27	-125.16	6126804.98	362574.90	1054	2013/09/05 17:35:40+00	chip 1m	ALS
Q724961	Heath	A Zone - SW	TB	HE2013TB-364	55.27	-125.16	6126820.71	362552.62	1060	2013/09/05 18:12:01+00	grab	ALS
Q724962	Heath	A Zone	TB	HE2013TB-370	55.27	-125.16	6126972.74	362652.46	1108	2013/09/05 20:30:17+00	chip 1m	ALS
Q724963	Heath	A Zone	TB	HE2013TB-371	55.27	-125.16	6126962.39	362666.70	1108	2013/09/05 21:08:58+00	chip 1.25m	ALS
Q724964	Heath	A Zone	TB	HE2013TB-376	55.27	-125.16	6126940.13	362680.51	1105	2013/09/05 21:59:05+00	grab	ALS
Q724965	Heath	A Zone - SW	TB	HE2013TB-377	55.27	-125.16	6126774.20	362622.97	1056	2013/09/06 17:05:20+00	grab	ALS
Q724966	Heath	Central Zone	TB	HE2013TB-381	55.27	-125.16	6127312.98	362763.09	1192	2013/09/06 18:43:15+00	chip 1m	ALS
Q724967	Heath	Central Zone	TB	HE2013TB-382	55.27	-125.16	6127313.30	362774.10	1195	2013/09/06 19:04:29+00	grab	ALS

Sample	Project	Area	Geol	Stn	Lat	Long	y_proj	x_proj	Elev	Date	Type	Lab
							NAD 83 Zn 10	NAD 83 Zn 10				
Q724968	Heath	Central Zone	TB	HE2013TB-383	55.27	-125.16	6127438.79	362699.35	1200	2013/09/06 20:09:54+00	grab	ALS
Q724969	Heath	Central Zone	TB	HE2013NL-204			6127469.00	362774.00	1225		grab	ALS
Q724970	Heath	Central Zone	TB	HE2013TB-386	55.27	-125.16	6127478.56	362788.70	1220	2013/09/06 21:17:09+00	grab	ALS
Q724971	Heath	-	TB	HE2013TB-388	55.27	-125.16	6127070.75	362738.35	1141	2013/09/07 17:08:03+00	grab	ALS
Q724972	Heath	-	TB	HE2013TB-390	55.27	-125.16	6127182.40	363049.09	1220	2013/09/07 18:22:03+00	grab	ALS
Q724973	Heath	East Zone	TB	HE2013TB-394	55.27	-125.15	6127171.65	363176.88	1269	2013/09/07 20:00:25+00	grab	ALS
Q724974	Heath	East Zone	TB	HE2013TB-396	55.27	-125.15	6127258.12	363287.00	1310	2013/09/07 21:03:26+00	grab	ALS
Q724975	Heath	East Zone	TB	HE2013TB-397	55.27	-125.15	6127329.39	363341.27	1325	2013/09/07 21:25:51+00	grab	ALS
Q724976	Heath	East Zone	TB	HE2013TB-398	55.27	-125.15	6127325.18	363337.01	1328	2013/09/07 21:59:49+00	grab	ALS
Q724977	Heath	West Rd	TB	HE2013TB-406	55.29	-125.20	6129047.88	360386.29	969	2013/09/09 16:38:20+00	grab	ALS
Q724978	Heath	West Rd	TB	HE2013TB-407	55.29	-125.20	6129198.16	360413.21	970	2013/09/09 17:04:54+00	grab	ALS

Sample	Description	Au	Ag	Cu	Pt	Pd	Al	As	B	Ba	Be	Bi	Ca	Cd
		ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm
H1936657	rusty c.g. melanodior, mt+cp-mt veins	165	21.0	27100	-5	12	3.98	134.4		54	0.26	1.31	1.22	3.86
H1936658	rusty c.g. melanodior, mt+cp-mt veins	173	22.3	27700	12	36	3.37	91.9		46	0.25	1.89	1.25	2.85
H1936659	rusty dior with patchy c.g. mt/ht, specks Sx's qtz-cb vns to 1 cm	94	1.0	116	-5	24	6.63	484.4		395	0.64	0.16	6.85	0.66
H1936660	perv cb altd dior, qtz-cb-cp vns	10	6.9	14700	384	384	3.68	31.0		88	0.39	0.58	7.49	0.98
H1936661	broad area old trenches exposing strongly cb altd dior, cb/qtz-cb vns, variable mt/ht	7	0.1	113	12	72	2.98	5.3		60	0.48	0.06	10.00	0.74
Q724959	Bold OC of biotite-leuco-diorite. Strange medium to coarse grained diorite with anhedral interlocking domains of 50% white feldspar (weakly altered i.e. easily scratched) and biotite. The crystals are mainly anhedral although there are some biotite with hexagonal habit within irregular biotite domains. About 5% 1mm magnetite crystals are dis through both domains. Several vein types are present but rare: 1) narrow 1mm quartz + epidote stringers + trace py; 2) 1 cm thick biotite veins, and 3) 1-3mm albite veins. The rock is strongly magnetic, and non reactive to HCl. The main question here is: is the biotite primary or secondary - is it replacing original hbl? Some biotite +/-magnetite is altered to red hematite. The sample is a composite including all three vein types. Possible tr cpy on the quartz vein.	8	-0.2	342	-5	3	6.51	2.0	-10.0	320	-0.50	-2.00	4.32	-0.50
Q724960	1 meter + section of buried sheared diorite comprised of 20 cm+ pods of 65% cpy + red rusty quartz+limonite boxwork and malachite. Wallrock is bt rich with 80% mafic domains (partly altered to chlorite). Generally the diorite here is coarse grained with up to 10% dis pyrite in the wall rock. The mineralized structure is crossed by a fault (045/60) which sampled the sheared mineralized zone and includes 30% clasts of 50:50 py:cpy within a black chloritic fault breccia. This sample is a 1 m chip perpendicular to the sheared mineralized zone.	763	69.4	77000	-5	14	2.40	535.0	-10.0	20	-0.50	-2.00	0.18	1.10
Q724961	Same as previous sample but a grab of the cpy rich domain.	2330	66.4	20600	-5	47	2.97	1400.0	-10.0	40	-0.50	20.00	0.59	0.90
Q724962	1 meter chip sample taken perpendicular to the strike of the mineralized structure (which is 325/51) exposed in trench. Trench A exposes a structural zone with good planar layering (although some layers are discontinuous). The thickness of the structural and mineralized zone is approximately 1 m. It is comprised of independent "layers" of pure f.g. magnetite+cpy, f.g. bt+mt+cpy, blowouts of semi-massive cpy+quartz, chlorite/biotite altered diorite and a few lenses/layers on the margin of the zone of bt altered diorite with up to 15% dis py. Cpy occurs through the zone disseminated and as small irregular veins. Cpy blowouts tend to be in or near the center of the zone. The rock is really broken and includes breccia fragments in places. Within some alteration zones there are layer parallel veins i.e. cpy vein in the center of a pure magnetite layer.	892	43.5	8880	-5	23	1.69	27.0	10.0	40	-0.50	-2.00	1.32	-0.50
Q724963	315/45 is the orientation of southern extension of Trench A. Still mineralized as per station 370. 1.25m chip on vertical surface perpendicular to the structure. This rock looks more weathered than the previous. Lots of malachite and azurite.	203	10.3	9170	-5	15	1.75	49.0	10.0	180	-0.50	6.00	1.99	-0.50
Q724964	Trench under fallen tree with dark green grungy rock with 5% dis cpy, calcite clots, chlorite alteration and rare 1-2mm straight quartz veins. Orientation of the veins and mineralized structure are not known due to the fallen tree over the trench and ingrown sides. Presumably it crosses the trench, which is oriented 245, because there is mineralized rock on both sides. In a few places there are dense quartz veins making an irregular wormy stockwork with abundant cpy.	40	3.6	3380	-5	10	4.92	20.0	-10.0	40	-0.50	-2.00	3.36	-0.50
Q724965	Subcrop of bt diorite with biotite veins up to 2 cm thick that include dis cpy. Also linear zones where fld is altered to a pinkish clay + Fe oxide with abundant cpy - probably along fractures. Center of biotite veins are sometimes narrow albite? stringers. Also, this rock has a low density of <2mm Qz stockwork.	52	0.9	2420	-5	25	4.04	10.0	-10.0	130	-0.50	-2.00	3.03	-0.50
Q724966	1m chip sample taken down a vertical trench face perpendicular to the structure exposed. The face exposes a variety of completely mixed up rock, from pegmatitic hbl diorite to a fine grained green rick with dis. Py + cpy + bt porphyroblasts. Some lenses are of mainly biotite with abundant irregular globs and net-texture py+cpy. Some bt zones are cut by, or include, epidote + Py+cpy vein.	24	2.4	2450	11	16	2.31	28.0	-10.0	50	-0.50	-2.00	1.48	0.50
Q724967	The rock here is banded with biotite and sulfide rich layers 305/41. This location is Trench B - There are biotite rich layers that have dis cpy, and there are up to 8 cm thick, but discontinuous, layers of semi-massive pyrite. Sample is a grab of bt+dis cpy zones.	8	0.4	173	-5	16	2.42	6.0	-10.0	40	-0.50	-2.00	1.18	-0.50

Sample	Description	Au	Ag	Cu	Pt	Pd	Al	As	B	Ba	Be	Bi	Ca	Cd
		ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm
Q724968	Strong Fe-Ca alteration of rd cut OC. Still m.g. hbl diorite but strong Ca + FeCa overprint. some domains of Bt+Qz+coarse cpy are present but disrupted by faulting and fracturing (therefore faulting is late). Quartz veins up to 1.5cm are also present with tr cpy. Some cpy is remobilized into calcite veins. In places fault breccia is apparent.	12	7.1	17350	-5	3	3.22	20.0	-10.0	190	-0.50	-2.00	3.81	0.50
Q724969	This station corresponds to Nigel's station 204. It is a sample from one of many subcroping boulders of massive magnetite + 30% dis and vein cpy + tr bornite. These boulders occur over a 10 m stretch of cat-track. They also include Bt+cpy zones (not included in sample)	22	2.1	15200	-5	104	2.16	112.0	-10.0	30	2.30	2.00	0.26	-0.50
Q724970	Boulders on cat-track with 2-3cm thick vein-like domains that have K-feldspar replacement of plag + minor flooding and minor associated epidote. In places the K-fld includes dis biotite and cpy. The wall rock is medium to coarse grained hbl diorite with minor bt al.	179	0.5	1260	22	90	2.89	6.0	-10.0	160	0.60	-2.00	2.27	-0.50
Q724971	Monzonite dike? With 10% anhedral hbl+40% euhedral columnar plag in a phaneritic K-fld+magnetite+plag groundmass. Tr dis py, Tr dis. Cpy. Cpy is mainly at weakly altered mafic sites. Slickenside surface 270/60 with 270/30 slickenlines	6	0.3	226	-5	3	1.61	4.0	-10.0	130	0.50	-2.00	0.81	-0.50
Q724972	Regolith under moss of medium grained hbl diorite cut by abundant vein-like zones of K-fld alteration and a few thick, up to 8 cm (possibly blowouts) zones of quartz+K-fld+bt+epidote veins. No visible sulfides. Selvages to veins are partly chlorite altered biotite.	3	0.2	61	17	136	1.91	2.0	-10.0	90	-0.50	-2.00	2.12	-0.50
Q724973	10 cm thick qz+epidote vein in big partly displaced chunk of rotated OC. Contains 1-2% dis cpy, tr Mal + Az. Approximately 5-8 cm away from the main vein there are narrow bands of Az in associated with magnetite grains in the diorite. This is a big OC of mainly medium grained hbl diorite with minor K-fld selvages to fractures. However there is interesting float of mt breccia with quartz clasts and also Qz+Mt+Ep veins with cpy similar to the sample but with magnetite.	12	1.6	1440	-5	5	2.11	6.0	-10.0	50	-0.50	-2.00	2.07	-0.50
Q724974	Good OC of medium grained leucocratic hbl diorite with 15 cm spaced dense magnetite+/-quartz +/-cpy veins with K-fld alt of plag in selvages. Most of the veins are roughly 310/45, but some are random	46	1.4	1390	-5	4	1.30	4.0	-10.0	400	0.60	-2.00	0.89	-0.50
Q724975	330/55 joint set + bt veins + magnetite veins. Bt veins have thick rusty rotten selvages with abundant pyrite. Away from rusty zones the OC has K-spar alteration of fld near fractures and is mostly comprised of hbl diorite. The sample is of a Bt+Kfld vein with py in its rusty selvage.	198	29.8	2500	-5	7	2.07	86.0	-10.0	120	-0.50	2.00	0.71	-0.50
Q724976	Same OC as previous samples. Here a parallel layered bt and py + cpy vein has narrow bands of magnetite. Some with 4 cm diameter cpy blowouts. The wallrock is m.g. Hbl diorite.	482	78.5	40800	-5	40	2.34	136.0	-10.0	50	-0.50	-2.00	0.66	1.90
Q724977	Long roadside OC of very phasey hbl diorite/apanite. Ranges from 70% plag 25% hbl 5% magnetite to domains of 100% hbl+mt+/-bt. Some autolith? enclaves of pure bt+mt and pure hbl+mt are present. In other places there is gradation between leuco and melanocratic diorite. Not all variation is due to enclaves, in some places there are parallel bands of variable composition of rock sometimes with gradational, other times sharp contacts. Rock is x-cut by white fld + mt veins, biotite stockwork, rare narrow magnetite veins, epidote veins sometimes with biotite selvages, and rare quartz veins with traces of pyrite. The sample is a random grab of rock across the OC to check for overall Cu content.	16	0.5	515	5	36	2.78	6.0	-10.0	260	-0.50	-2.00	2.72	-0.50
Q724978	Another long rd cut OC of the same type of rock described in previous station (406). Here there are several x-cutting pink monzonite dikes. The sample is taken from a 5 m wide zone of intense fracturing with abundant 1mm to 2 cm wide white to gray sometimes vuggy quartz veins with trace py. The veins and fractures are typically 325/80 with a dense set of 290/90 fractures near the middle of the zone. Some qz veins x-cut the fabric.	14	0.4	430	-5	16	3.86	10.0	-10.0	110	-0.50	3.00	3.47	-0.50

Sample	Co	Cr	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn	Zr	Ce	Cs	Ge
	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
H1936657	68.0	52	25.00	16.82		0.08	1.3	1.99	633	306.5	0.70	27.9	360	16.0	4.38	3.33	6.1	322.0	1.7	0.18	0.02	0.6	368	0.4	196	9.5	3.35	0.50	1.13
H1936658	95.8	55	25.00	17.48		0.01	1.6	1.47	512	187.4	0.25	37.1	782	14.4	5.83	4.81	6.5	307.8	0.8	0.15	0.04	0.4	488	0.5	135	11.6	4.53	0.51	1.46
H1936659	46.0	52	11.76	17.73		2.45	5.5	2.22	2180	1.9	0.10	28.5	246	30.9	1.44	60.85	42.6	171.6	1.0	0.56	1.12	0.8	668	1.7	144	21.5	14.09	11.22	1.67
H1936660	50.6	89	10.64	14.38		0.24	10.1	1.95	1771	39.4	0.03	14.7	755	75.9	1.35	8.69	12.0	124.7	1.1	0.18	0.12	1.2	184	3.0	182	16.6	21.14	1.92	1.19
H1936661	45.9	59	11.46	13.11		0.14	3.7	3.28	1949	0.7	0.01	34.7	254	19.9	-0.01	4.57	46.8	181.0	0.7	0.55	0.02	0.5	617	1.7	193	21.1	9.94	1.17	1.18
Q724959	30.0	1	8.37	10.00	1.0	0.33	-10.0	1.57	384	-1.0	0.38	15.0	820	-2.0	0.01	-2.00	8.0	710.0	-20.0	0.23	-10.00	-10.0	455	-10.0	21				
Q724960	185.0	-1	25.10	10.00	2.0	0.01	-10.0	1.47	855	199.0	0.01	63.0	170	57.0	7.70	8.00	7.0	92.0	-20.0	0.06	-10.00	-10.0	196	-10.0	217				
Q724961	122.0	1	18.50	10.00	2.0	0.05	-10.0	1.77	1010	81.0	0.04	32.0	220	241.0	2.86	24.00	14.0	114.0	-20.0	0.12	-10.00	-10.0	250	-10.0	192				
Q724962	22.0	3	20.30	10.00	-1.0	0.06	10.0	0.71	216	31.0	0.05	7.0	2950	6.0	1.31	-2.00	4.0	116.0	-20.0	0.08	-10.00	-10.0	243	-10.0	48				
Q724963	42.0	5	17.70	10.00	1.0	0.13	10.0	1.32	598	8.0	0.03	15.0	5240	10.0	0.44	2.00	7.0	66.0	-20.0	0.19	-10.00	-10.0	382	-10.0	125				
Q724964	39.0	4	15.80	20.00	1.0	0.02	10.0	3.81	2110	8.0	0.01	16.0	3320	4.0	0.44	-2.00	18.0	87.0	-20.0	0.04	-10.00	-10.0	340	-10.0	190				
Q724965	23.0	4	9.70	10.00	1.0	0.17	-10.0	1.65	412	1.0	0.14	14.0	300	-2.0	0.20	-2.00	8.0	269.0	-20.0	0.16	-10.00	-10.0	401	-10.0	26				
Q724966	30.0	5	11.35	10.00	1.0	0.04	-10.0	1.67	665	11.0	0.07	18.0	360	6.0	0.34	2.00	8.0	103.0	-20.0	0.17	-10.00	-10.0	453	-10.0	87				
Q724967	111.0	2	12.35	10.00	-1.0	0.07	-10.0	1.68	737	-1.0	0.09	30.0	150	31.0	3.73	-2.00	10.0	132.0	-20.0	0.26	-10.00	-10.0	342	-10.0	80				

Sample	Co	Cr	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn	Zr	Ce	Cs	Ge
	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Q724968	47.0	6	11.90	10.00	1.0	0.01	-10.0	2.45	1960	10.0	0.01	12.0	980	37.0	1.40	2.00	9.0	94.0	-20.0	0.01	-10.00	-10.0	122	-10.0	207				
Q724969	251.0	2	31.50	10.00	2.0	0.03	-10.0	1.18	653	63.0	0.01	1090.0	380	9.0	1.49	-2.00	7.0	28.0	-20.0	0.02	-10.00	-10.0	233	50.0	200				
Q724970	24.0	12	7.13	10.00	1.0	0.17	10.0	1.19	633	1.0	0.19	26.0	410	10.0	0.10	-2.00	4.0	162.0	-20.0	0.18	-10.00	-10.0	352	-10.0	45				
Q724971	11.0	7	3.78	10.00	-1.0	0.14	10.0	1.28	539	1.0	0.07	7.0	1060	2.0	0.03	-2.00	7.0	55.0	-20.0	0.15	-10.00	-10.0	95	-10.0	46				
Q724972	13.0	3	2.82	10.00	-1.0	0.10	-10.0	0.81	655	2.0	0.02	25.0	680	4.0	0.01	3.00	3.0	377.0	-20.0	0.17	-10.00	-10.0	47	-10.0	49				
Q724973	22.0	4	3.48	10.00	-1.0	0.04	10.0	1.20	569	2.0	0.03	5.0	2620	5.0	0.04	3.00	3.0	331.0	-20.0	0.15	-10.00	-10.0	63	-10.0	58				
Q724974	32.0	2	9.58	10.00	-1.0	0.23	-10.0	0.76	447	6.0	0.06	5.0	2420	6.0	0.08	3.00	3.0	80.0	-20.0	0.05	-10.00	-10.0	164	-10.0	42				
Q724975	14.0	4	10.60	10.00	1.0	0.13	10.0	1.24	654	4.0	0.04	1.0	2900	7.0	0.21	4.00	5.0	53.0	-20.0	0.14	-10.00	-10.0	190	-10.0	156				
Q724976	38.0	3	18.40	10.00	3.0	0.04	-10.0	1.33	727	50.0	0.01	5.0	2160	14.0	3.73	9.00	4.0	186.0	-20.0	0.12	-10.00	-10.0	227	-10.0	552				
Q724977	33.0	8	9.32	10.00	-1.0	0.13	10.0	1.43	647	1.0	0.17	12.0	3060	-2.0	0.06	3.00	5.0	287.0	-20.0	0.24	-10.00	-10.0	437	-10.0	47				
Q724978	34.0	5	7.33	10.00	1.0	0.09	10.0	2.15	899	1.0	0.14	9.0	3770	-2.0	0.02	2.00	10.0	279.0	-20.0	0.13	-10.00	-10.0	328	-10.0	54				

Sample	Hf	In	Li	Nb	Rb	Re	Se	Sn	Ta	Te	Y
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
H1936657	0.40	0.79	7.1	0.6	3.0	0.130	8.5	2	0.05	0.30	2.5
H1936658	0.40	1.04	4.1	0.9	0.4	0.046	13.4	2	0.07	0.69	3.4
H1936659	1.00	0.08	16.5	1.2	68.2	0.004	1.4	1	0.09	0.11	11.1
H1936660	0.60	0.44	37.4	1.1	7.5	0.006	6.1	2	0.08	0.33	10.2
H1936661	0.90	0.06	22.2	0.9	4.6	-0.002	2.0	1	0.07	0.15	10.6
Q724959											
Q724960											
Q724961											
Q724962											
Q724963											
Q724964											
Q724965											
Q724966											
Q724967											

Sample	Hf	In	Li	Nb	Rb	Re	Se	Sn	Ta	Te	Y
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Q724968											
Q724969											
Q724970											
Q724971											
Q724972											
Q724973											
Q724974											
Q724975											
Q724976											
Q724977											
Q724978											

Appendix D Analytical Certificates

Certificate of Analysis

12-360-07645-01

Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, BC V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: John Bradford
530-510 Burrard St
Vancouver, V6C 3A8
Phone: 604-558-4604
EMail: jbradford@westcirqueresources.com

Submitted By: **West Cirque Resources**
530-510 Burrard St
Vancouver, V6C 3A8

Attention: **John Bradford**

Project: **Health**
Description:

Date Received: 10/11/2012
Date Completed: 10/22/2012
Invoice:

Location	Samples	Type	Preparation Description
Vancouver, BC	5	Rock	SP-RX-2K/Rock/Chips/Drill Core/Cuttings <2Kg

Location	Quantity	Method	Description
Vancouver, BC	5	Au-1AT-AA	Au, 1AT Fire Assay, AAS
Vancouver, BC	5	Pd-1AT-ICP	Pd, 1AT, ICP
Vancouver, BC	5	Pt-1AT-ICP	Pt, 1AT, ICP
Vancouver, BC	5	Ag-AR-TR	Ag, Aqua Regia, AA, Trace Levels
Vancouver, BC	3	Cu-4A-OR-AA	Cu, Ore Grade, 4 Acid, AA
Vancouver, BC	5	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level

For and on behalf of ***Inspectorate Exploration and Mining Services Ltd***

By

Sofia Devota -- Operations Manager

INSPECTORATE
A Bureau Veritas Group Company
#200 - 11620 Horseshoe Way
Richmond, BC V7A 4V5 Canada

Certificate of Analysis

12-360-07645-01

West Cirque Resources
530-510 Burrard St
Vancouver, V6C 3A8

Sample Description	Sample Type	Au Au-1AT-AA ppb 5	Pd Pd-1AT-ICP ppb 5	Pt Pt-1AT-ICP ppb 5	Ag Ag-AR-TR ppm 0.1	Cu Cu-4A-OR-AA % 0.01	Ag 50-4A-UT ppm 0.01	Ce 50-4A-UT ppm 0.01	Hf 50-4A-UT ppm 0.1	La 50-4A-UT ppm 0.5	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01
1936657	Rock	165	12	<5	21.4	2.71	21.00	3.35	0.4	1.3	3.98	134.4	54	0.26	1.31
1936658	Rock	173	36	12	21.6	2.77	22.30	4.53	0.4	1.6	3.37	91.9	46	0.25	1.89
1936659	Rock	94	24	<5	1.1		1.01	14.09	1.0	5.5	6.63	484.4	395	0.64	0.16
1936660	Rock	7	72	12	0.1		0.08	9.94	0.9	3.7	2.98	5.3	60	0.48	0.06
1936661	Rock	10	384	384	7.1	1.47	6.87	21.14	0.6	10.1	3.68	31.0	88	0.39	0.58

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Certificate of Analysis

12-360-07645-01

West Cirque Resources
530-510 Burrard St
Vancouver, V6C 3A8

Sample Description	Sample Type	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5
1936657	Rock	1.22	3.86	68.0	52	0.50	>10000	>25	16.82	1.13	0.79	0.08	7.1	1.99	633
1936658	Rock	1.25	2.85	95.8	55	0.51	>10000	>25	17.48	1.46	1.04	0.01	4.1	1.47	512
1936659	Rock	6.85	0.66	46.0	52	11.22	115.6	11.76	17.73	1.67	0.08	2.45	16.5	2.22	2180
1936660	Rock	>10	0.74	45.9	59	1.17	112.9	11.46	13.11	1.18	0.06	0.14	22.2	3.28	1949
1936661	Rock	7.49	0.98	50.6	89	1.92	>10000	10.64	14.38	1.19	0.44	0.24	37.4	1.95	1771

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Certificate of Analysis

12-360-07645-01

West Cirque Resources
530-510 Burrard St
Vancouver, V6C 3A8

Sample Description	Sample Type	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Re 50-4A-UT ppm 0.002	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	S 50-4A-UT % 0.01	Se 50-4A-UT ppm 1.0	Rb 50-4A-UT ppm 0.1	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2
1936657	Rock	306.48	0.70	0.6	27.9	360	16.0	0.130	3.33	6.1	4.377	8.5	3.0	2.0	322.0
1936658	Rock	187.35	0.25	0.9	37.1	782	14.4	0.046	4.81	6.5	5.829	13.4	0.4	1.6	307.8
1936659	Rock	1.85	0.10	1.2	28.5	246	30.9	0.004	60.85	42.6	1.436	1.4	68.2	1.2	171.6
1936660	Rock	0.71	0.01	0.9	34.7	254	19.9	<0.002	4.57	46.8	<0.01	2.0	4.6	1.1	181.0
1936661	Rock	39.42	0.03	1.1	14.7	755	75.9	0.006	8.69	12.0	1.346	6.1	7.5	1.5	124.7

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Certificate of Analysis

12-360-07645-01

West Cirque Resources
530-510 Burrard St
Vancouver, V6C 3A8

Sample Description	Sample Type	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
1936657	Rock	0.05	0.30	1.7	0.184	0.02	0.6	368	0.4	2.5	196	9.5
1936658	Rock	0.07	0.69	0.8	0.154	0.04	0.4	488	0.5	3.4	135	11.6
1936659	Rock	0.09	0.11	1.0	0.559	1.12	0.8	668	1.7	11.1	144	21.5
1936660	Rock	0.07	0.15	0.7	0.549	0.02	0.5	617	1.7	10.6	193	21.1
1936661	Rock	0.08	0.33	1.1	0.183	0.12	1.2	184	3.0	10.2	182	16.6

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Certificate of Analysis

12-360-07645-01

West Cirque Resources
530-510 Burrard St
Vancouver, V6C 3A8

Sample Description	Sample Type	Au Au-1AT-AA ppb 5	Pd Pd-1AT-ICP ppb 5	Pt Pt-1AT-ICP ppb 5	Ag Ag-AR-TR ppm 0.1	Cu Cu-4A-OR-AA % 0.01	Ag 50-4A-UT ppm 0.01	Ce 50-4A-UT ppm 0.01	Hf 50-4A-UT ppm 0.1	La 50-4A-UT ppm 0.5	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01
1936657	Rock						21.00	3.35	0.4	1.3	3.98	134.4	54	0.26	1.31
1936657 Dup							21.42	3.40	0.3	1.4	3.76	132.1	56	0.22	1.36
QCV1210-00921-0002-BLK							<0.01	<0.01	<0.1	<0.5	<0.01	<0.2	<5	<0.05	<0.01
STD-DS-1 expected							0.47				4.48	6930.0	221		
STD-DS-1 result							0.47				4.52	6533.6	236		
1936657	Rock	165	12	<5											
1936657 Dup		165	12	<5											
QCV1210-00922-0002-BLK		<5	<5	<5											
STD-PD1 expected		542	563	456											
STD-PD1 result		498	516	456											
1936657	Rock				21.4										
1936657 Dup					21.2										
QCV1210-01177-0002-BLK					<0.1										
STD-CDN-ME-16 expected					30.8										
STD-CDN-ME-16 result					29.9										
1936657	Rock					2.71									
1936657 Dup						2.75									
QCV1210-01538-0002-BLK						<0.01									
STD-MP-1B expected						3.07									
STD-MP-1B result						3.12									

INSPECTORATE
A Bureau Veritas Group Company
#200 - 11620 Horseshoe Way
Richmond, BC V7A 4V5 Canada

Certificate of Analysis

12-360-07645-01

West Cirque Resources
530-510 Burrard St
Vancouver, V6C 3A8

Sample Description	Sample Type	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5
1936657	Rock	1.22	3.86	68.0	52	0.50	>10000	>25	16.82	1.13	0.79	0.08	7.1	1.99	633
1936657 Dup		1.18	3.92	68.3	52	0.51	>10000	>25	15.94	1.07	0.80	0.08	7.1	1.93	615
QCV1210-00921-0002-BLK		<0.01	<0.02	<0.1	<1	<0.05	<0.2	<0.01	<0.05	<0.05	<0.01	<0.01	<0.2	<0.01	<5
STD-DS-1 expected				9.5			27.1							2.76	437
STD-DS-1 result				10.3			27.1							2.96	450
STD-PD1 expected															
STD-PD1 result															
STD-CDN-ME-16 expected															
STD-CDN-ME-16 result															
STD-MP-1B expected															
STD-MP-1B result															

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West Cirque Resources
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Vancouver, V6C 3A8

Sample Description	Sample Type	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Re 50-4A-UT ppm 0.002	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	S 50-4A-UT % 0.01	Se 50-4A-UT ppm 1.0	Rb 50-4A-UT ppm 0.1	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2
1936657	Rock	306.48	0.70	0.6	27.9	360	16.0	0.130	3.33	6.1	4.377	8.5	3.0	2.0	322.0
1936657 Dup		299.58	0.67	0.6	28.2	432	16.4	0.126	3.47	5.5	4.475	8.0	2.9	1.7	287.7
QCV1210-00921-0002-BLK		<0.05	<0.01	<0.1	<0.2	<10	<0.5	<0.002	<0.05	<0.1	<0.01	<1.0	<0.1	<0.2	<0.2
STD-DS-1 expected					48.7	340	13.8								
STD-DS-1 result					46.4	358	14.2								
STD-PD1 expected															
STD-PD1 result															
STD-CDN-ME-16 expected															
STD-CDN-ME-16 result															
STD-MP-1B expected															
STD-MP-1B result															

INSPECTORATE
A Bureau Veritas Group Company
#200 - 11620 Horseshoe Way
Richmond, BC V7A 4V5 Canada

Certificate of Analysis

12-360-07645-01

West Cirque Resources
530-510 Burrard St
Vancouver, V6C 3A8

Sample Description	Sample Type	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
1936657	Rock	0.05	0.30	1.7	0.184	0.02	0.6	368	0.4	2.5	196	9.5
1936657 Dup		0.06	0.37	1.8	0.173	0.02	0.7	363	0.4	2.6	198	8.4
QCV1210-00921-0002-BLK		<0.05	<0.05	<0.2	<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-DS-1 expected						20.00					206	
STD-DS-1 result						19.27					200	
STD-PD1 expected												
STD-PD1 result												
STD-CDN-ME-16 expected												
STD-CDN-ME-16 result												
STD-MP-1B expected												
STD-MP-1B result												

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

To: **WEST CIRQUE RESOURCES LTD**
530-510 BURRARD STREET
VANCOUVER BC V6C 3A8

Finalized Date: 20-SEP-2013
Account: WESCIR

CERTIFICATE VA13165939

Project: H
P.O. No.:
This report is for 20 Rock samples submitted to our lab in Vancouver, BC, Canada on 12-SEP-2013.
The following have access to data associated with this certificate:

JOHN BRADFORD	NIGEL LUCKMAN	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Cu-OG46	Ore Grade Cu - Aqua Regia	VARIABLE

To: **WEST CIRQUE RESOURCES LTD**
ATTN: JOHN BRADFORD
11571 7TH AVE
RICHMOND BC V7E 3B7

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

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

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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

To: **WEST CIRQUE RESOURCES LTD**
530-510 BURRARD STREET
VANCOUVER BC V6C 3A8

Finalized Date: 20-SEP-2013
Account: WESCIR

Project: H

CERTIFICATE OF ANALYSIS VA13165939

Sample Description	Method	WEI-21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
Q724959		1.50	<0.2	6.51	2	<10	320	<0.5	<2	4.32	<0.5	30	1	342	8.37	10
Q724960		1.06	69.4	2.40	535	<10	20	<0.5	<2	0.18	1.1	185	<1	>10000	25.1	10
Q724961		0.98	66.4	2.97	1400	<10	40	<0.5	20	0.59	0.9	122	1	>10000	18.5	10
Q724962		2.02	43.5	1.69	27	10	40	<0.5	<2	1.32	<0.5	22	3	8680	20.3	10
Q724963		1.26	10.3	1.75	49	10	180	<0.5	6	1.99	<0.5	42	5	9170	17.7	10
Q724964		1.22	3.6	4.92	20	<10	40	<0.5	<2	3.36	<0.5	39	4	3380	15.8	20
Q724965		0.82	0.9	4.04	10	<10	130	<0.5	<2	3.03	<0.5	23	4	2420	9.70	10
Q724966		0.70	2.4	2.31	28	<10	50	<0.5	<2	1.48	0.5	30	5	2450	11.35	10
Q724967		1.04	0.4	2.42	6	<10	40	<0.5	<2	1.18	<0.5	111	2	173	12.35	10
Q724968		1.16	7.1	3.22	20	<10	190	<0.5	<2	3.81	0.5	47	6	>10000	11.90	10
Q724969		1.10	2.1	2.16	112	<10	30	2.3	2	0.26	<0.5	251	2	>10000	31.5	10
Q724970		1.56	0.5	2.89	6	<10	160	0.6	<2	2.27	<0.5	24	12	1260	7.13	10
Q724971		1.04	0.3	1.61	4	<10	130	0.5	<2	0.81	<0.5	11	7	226	3.78	10
Q724972		1.22	0.2	1.91	2	<10	90	<0.5	<2	2.12	<0.5	13	3	61	2.82	10
Q724973		1.58	1.6	2.11	6	<10	50	<0.5	<2	2.07	<0.5	22	4	1440	3.48	10
Q724974		1.78	1.4	1.30	4	<10	400	0.6	<2	0.89	<0.5	32	2	1390	9.58	10
Q724975		1.46	29.8	2.07	86	<10	120	<0.5	2	0.71	<0.5	14	4	2500	10.60	10
Q724976		1.26	78.5	2.34	136	<10	50	<0.5	<2	0.66	1.9	38	3	>10000	18.4	10
Q724977		2.44	0.5	2.78	6	<10	260	<0.5	<2	2.72	<0.5	33	8	515	9.32	10
Q724978		1.48	0.4	3.86	10	<10	110	<0.5	3	3.47	<0.5	34	5	430	7.33	10

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

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

To: WEST CIRQUE RESOURCES LTD
530-510 BURRARD STREET
VANCOUVER BC V6C 3A8

Finalized Date: 20-SEP-2013
Account: WESCIR

Project: H

CERTIFICATE OF ANALYSIS VA13165939

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
Q724959		1	0.33	<10	1.57	384	<1	0.38	15	820	<2	0.01	<2	8	710	<20
Q724960		2	0.01	<10	1.47	855	199	0.01	63	170	57	7.70	8	7	92	<20
Q724961		2	0.05	<10	1.77	1010	81	0.04	32	220	241	2.86	24	14	114	<20
Q724962		<1	0.06	10	0.71	216	31	0.05	7	2950	6	1.31	<2	4	116	<20
Q724963		1	0.13	10	1.32	598	8	0.03	15	5240	10	0.44	2	7	66	<20
Q724964		1	0.02	10	3.81	2110	8	0.01	16	3320	4	0.44	<2	18	87	<20
Q724965		1	0.17	<10	1.65	412	1	0.14	14	300	<2	0.20	<2	8	269	<20
Q724966		1	0.04	<10	1.67	665	11	0.07	18	360	6	0.34	2	8	103	<20
Q724967		<1	0.07	<10	1.68	737	<1	0.09	30	150	31	3.73	<2	10	132	<20
Q724968		1	0.01	<10	2.45	1960	10	0.01	12	980	37	1.40	2	9	94	<20
Q724969		2	0.03	<10	1.18	653	63	0.01	1090	380	9	1.49	<2	7	28	<20
Q724970		1	0.17	10	1.19	633	1	0.19	26	410	10	0.10	<2	4	162	<20
Q724971		<1	0.14	10	1.28	539	1	0.07	7	1060	2	0.03	<2	7	55	<20
Q724972		<1	0.10	<10	0.81	655	2	0.02	25	680	4	0.01	3	3	377	<20
Q724973		<1	0.04	10	1.20	569	2	0.03	5	2620	5	0.04	3	3	331	<20
Q724974		<1	0.23	<10	0.76	447	6	0.06	5	2420	6	0.06	3	3	80	<20
Q724975		1	0.13	10	1.24	654	4	0.04	1	2900	7	0.21	4	5	53	<20
Q724976		3	0.04	<10	1.33	727	50	0.01	5	2160	14	3.73	9	4	186	<20
Q724977		<1	0.13	10	1.43	647	1	0.17	12	3060	<2	0.06	3	5	287	<20
Q724978		1	0.09	10	2.15	899	1	0.14	9	3770	<2	0.02	2	10	279	<20

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CERTIFICATE OF ANALYSIS VA13165939

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Cu-OG46	PGM-ICP23	PGM-ICP23	PGM-ICP23
	Analyte	Tl	Tl	U	V	W	Zn	Cu	Au	Pt	Pd
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2	0.001	0.001	0.005	0.001
Q724959		0.23	<10	<10	455	<10	21		0.008	<0.005	0.003
Q724960		0.06	<10	<10	196	<10	217	7.70	0.763	<0.005	0.014
Q724961		0.12	<10	<10	250	<10	192	2.06	2.33	<0.005	0.047
Q724962		0.08	<10	<10	243	<10	48		0.892	<0.005	0.023
Q724963		0.19	<10	<10	382	<10	125		0.203	<0.005	0.015
Q724964		0.04	<10	<10	340	<10	190		0.040	<0.005	0.010
Q724965		0.16	<10	<10	401	<10	26		0.052	<0.005	0.025
Q724966		0.17	<10	<10	453	<10	87		0.024	0.011	0.016
Q724967		0.26	<10	<10	342	<10	80		0.008	<0.005	0.016
Q724968		0.01	<10	<10	122	<10	207	1.735	0.012	<0.005	0.003
Q724969		0.02	<10	<10	233	50	200	1.520	0.022	<0.005	0.104
Q724970		0.18	<10	<10	352	<10	45		0.179	0.022	0.090
Q724971		0.15	<10	<10	95	<10	46		0.006	<0.005	0.003
Q724972		0.17	<10	<10	47	<10	49		0.003	0.017	0.136
Q724973		0.15	<10	<10	63	<10	58		0.012	<0.005	0.005
Q724974		0.05	<10	<10	164	<10	42		0.046	<0.005	0.004
Q724975		0.14	<10	<10	190	<10	156		0.198	<0.005	0.007
Q724976		0.12	<10	<10	227	<10	552	4.08	0.482	<0.005	0.040
Q724977		0.24	<10	<10	437	<10	47		0.016	0.005	0.036
Q724978		0.13	<10	<10	328	<10	54		0.014	<0.005	0.016

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CERTIFICATE OF ANALYSIS VA13165939

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:			
CRU-31	CRU-QC	Cu-OG46	LOG-21
ME-ICP41	ME-OG46	PGM-ICP23	PUL-31
PUL-QC	SPL-21	WEI-21	