Ministry of Energy and Mines
BC Geological Survey

Assessment Report
Title Page and Summary

TYPE OF REPORT [type of survey(s)]:

TOTAL COST: $30,484.99

AUTHOR(S): Nicola Struyk
Richard Kemp

SIGNATURE(S):

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S):

YEAR OF WORK: 2014

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): 5506529, 5513289

PROPERTY NAME: Hanson Lake

CLAIM NAME(S) (on which the work was done): All 41 claims of the property. See Table 1 of report for full list

COMMODITIES SOUGHT: Cu, Mo, Pb, Zn, Au, Ag

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 093K081 (Endex), 093K078(Hanson Lake)

MINING DIVISION: Omenica

NTS/BCGS: 93K2,3,6 &7

LATITUDE: 54 ° 14 '24 " **LONGITUDE:** 125 ° 00 '45 " **(at centre of work)**

OWNER(S):
1) John Chapman(50%)
2) Gerry Carlson(50%)

MAILING ADDRESS:
43 - 1725 Southmere Crescent
Surrey, BC

1740 Orchard Way
West Vancouver, BC

OPERATOR(S) [who paid for the work]:
1) Stone Ridge Exploration Corp.
2)

MAILING ADDRESS:
200 - 551 Howe Street,
Vancouver, BC

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):
Porphyry, Endako Batholith, Francois Lake Plutonic Suite,

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: 2931, 3645, 4282, 4283, 4284, 4286, 4703
4758, 6664, 7190, 17506, 18398, 19155, 19649, 22499, 29154, 33278, 34087

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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			
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for...)			
Soil	33	865336	8336.66
Silt			
Rock	16	865336	8336.67
Other		846756, 846950, 850559, 865329 - 4[illegible]	5475.00
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)	1:5000	865336, 865337	8336.66
PREPARATORY / PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other			
		TOTAL COST:	30,484.99

ASSESSMENT REPORT

2014 PROSPECTING AND SOIL GEOCHEMISTRY

OF THE

HANSON PROPERTY

CENTRAL BRITISH COLUMBIA,
CANADA

NTS 093K/2, 3, 6 &7
BCGS 93K015, 025, 026, 035, 036

UTM: 368826 E, 6012040 N, NAD 83, Zone 10

54°14'24" N LATITUDE, 125°00'45" W LONGITUDE

OMINECA MINING DIVISION

PREPARED FOR

Stone Ridge Exploration Corp.
200 – 551 HOWE STREET
VANCOUVER, BC V6C 2C2

BY

COAST MOUNTAIN GEOLOGICAL LTD.
620 – 650 WEST GEORGIA STREET
VANCOUVER, BC V6B 4N9

July 17, 2014

Nicola Struyk, B.Sc., P.Geo
Richard Kemp, B.Sc., P.Geo

SUMMARY

The Hanson property is located approximately 26 km northwest of the town of Fraser Lake, British Columbia centred over Hanson Lake. Access to the Property is via Augier Road which connects to Highway 16 about 20 km east of the town of Burns Lake. Augier Road then connects to an extensive network of logging roads which provide access to all five known zones on the Property.

The Property consists of 41 contiguous claims covering 17,951.16 hectares. The Property is owned 50% by John A. Chapman and 50% by Gerald G. Carlson, held by Carlson on behalf of KGE Management Ltd., and is under option to Stone Ridge Exploration Corp.

The Hanson property lies within the Cache Creek terrane, approximately 15 km north of the Endako molybdenum mine. Located within rocks of the Francois Lake intrusives (host to the Endako deposit; Carter, 1976), the Property has good potential for mineralization. Uplift related to the formation of the northeast trending Skeena Arch has shown a possible correlation with porphyry deposits in the region, many of which are concentrated along this major crustal break (Bissig, 2012).

In 2014 a prospecting and soil sampling program was conducted to follow up on previous work. This was done in conjunction with the property scale structural study conducted the year before and was correlated with historical work. Several days were spent propsecting and soil sampling the area on the south side of Hanson Lake. A total of 16 rock samples and 33 soil samples were collected.

Terrane boundaries throughout BC, known to trend roughly northwest, can be described as tight zones of compressional normal faulting, and thus unlikely hosts to metal-bearing intrusions. On the other hand, related cross-structures forming semi-orthogonally to these boundaries have the dilational character to facilitate felsic intrusions related to known deposits (Kimura et al., 1976). One such deposit is the Endako molybdenum mine, located adjacent to the Stikine-Cache Creek terrane boundary, where mineralization is associated with an east oriented fault (Kimura et al., 1976). In this analysis of the Hanson property, intersections of the regional northwest trends and easterly structures were identified as target locations for further exploration.

The Hanson property shows good potential for mineralization with a number of major east-northeast trending structures crossing the Property, and intersecting with northwesterly linears. Several new locations throughout the Property have been indentified for future field investigation and drilling.

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1.0 INTRODUCTION

This report details a prospecting and soil sampling program on the Hanson Property conducted by Coast Mountain Geological Ltd. (CMG) at the request of Stone Ridge Exploration Corp., the Property Operator. The work was performed during the period of May 28th to June 2nd, 2014. The main body of this assessment report is taken from a previous report on the Property (AR 34087) submitted in 2013 by J. Cross. The work presented here is from Statement of Work Event Numbers 5506529 and 5513289.

2.0 PROPERTY DESCRIPTION AND LOCATION

The Hanson property is centred on Hanson Lake, located approximately 26 km northwest of the town of Fraser Lake, BC (Figure 1). Fraser Lake is on Highway 16 between the towns of Burns Lake and Vanderhoof. The Hanson property consists of 41 contiguous claims covering approximately 17,951.16 ha. The centre of the Property is at UTM coordinates 368826 E, 6012040 N NAD 83, Zone 10 or in geographic coordinates at 54°14’24” N latitude, 125°00’45” W longitude. The Property lies over the shared corners of NTS map sheets 93K/02, 03, 06 and 07.

2.1 MINERAL TENURES AND OWNERSHIP

The mineral tenures comprising the Hanson property are listed in Table 1, and shown in Figure 2. The claims are located in the Omineca Mining Division within NTS map sheet 93K. As posted on the MTO database, all of the claims listed in Table 1 are owned 50% by John A. Chapman (Free Miner Certificate no. 104633) and 50% by Gerald G. Carlson (Free Miner Certificate no. 104271), held by Carlson on behalf of KGE Management Ltd. The Property is under option to Stone Ridge Exploration Corp. of Vancouver, BC, the Property Operator.

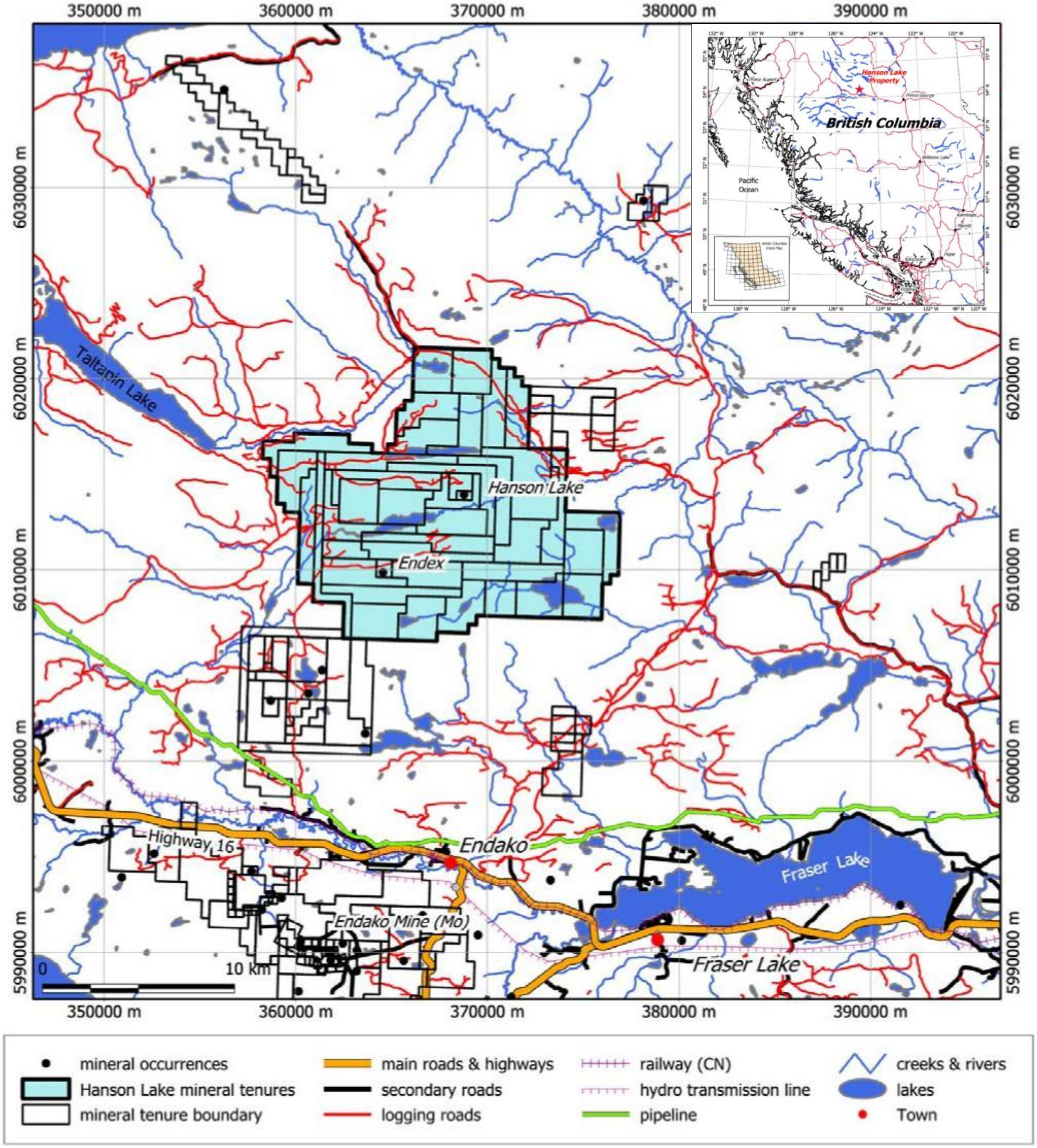


Figure 1: Hanson property Location and Infrastructure Map (modified from MacIntyre, 2012).

Table 1: SUMMARY OF TENURE DATA, *based on the acceptance of this report

Tenure No.	Claim Name	Issue Date	Good To Date*	Area (ha)
846756	HANSON LAKE	2011/Feb/17	2014/Oct/16	132.23
846950	HANSON LAKE 2	2011/Feb/19	2014/Oct/16	264.49
850559	ENDEX	/Apr/02	2014/Oct/16	75.63
865329	HANS 1	2011/Jul/09	2014/Oct/16	472.37
865330	HANS 2	2011/Jul/09	2014/Oct/16	472.36
865331	HANS 3	2011/Jul/09	2014/Oct/16	472.24
865332	HANS 4	2011/Jul/09	2014/Oct/16	472.45
865333	HANS 5	2011/Jul/09	2014/Oct/16	472.46
865334	HANS 6	2011/Jul/09	014/Oct/16	472.24
865335	HANS 7	2011/Jul/09	2014/Oct/16	472.13
865336	HANS 8	2011/Jul/09	2014/Oct/16	472.56
865337	HANS 9	2011/Jul/09	2014/Oct/16	472.62
865338	HANS 10	2011/Jul/09	2014/Oct/16	472.29
865339	HANS 11	2011/Jul/09	2014/Oct/16	472.14
865340	HANS 12	2011/Jul/09	2014/Oct/16	472.32
865341	HANS	2011/Jul/09	2014/Oct/16	472.55
865342	HANS 13	2011/Jul/09	2014/Oct/16	453.51
865343	HANS 14	2011/Jul/09	2014/Oct/16	207.95
865397	HANS 15	2011/Jul/10	2014/Oct/16	472.74
865398	HANS 16	2011/Jul/10	2014/Oct/16	472.73
865399	HANS 17	2011/Jul/10	2014/Oct/16	472.84
865624	HANS 18	2011/Jul/11	2014/Oct/16	472.70
865625	HANS 19	2011/Jul/11	2014/Oct/16	472.84
865626	HANS 20	2011/Jul/11	2014/July/31	472.82
865627	HANS 21	2011/Jul/11	2014/July/31	472.59
865628	HANS 22	2011/Jul/11	2014/July/31	472.50
884249	HANS 23	2011/Aug/07	2014/Oct/16	472.99
884269	HANS 24	2011/Aug/07	2014/Oct/16	472.97
884289	HANS 25	2011/Aug/07	2014/Oct/16	472.90
884309	HANS 26	2011/Aug/07	2014/Oct/16	302.62
884329	HANS 27	2011/Aug/07	2014/Oct/16	472.64
944209	NORHANS 1	2012/jan/30	2014/July/31	471.65
944229	NORHANS 2	2012/jan/30	2014/July/31	471.65
952455	NORHANS 3	2012/Feb/24	014/July/31	471.84
952456	NORHANS 4	2012/Feb/24	2014/Oct/16	471.95
952457	NORHANS 5	2012/Feb/24	2014/Oct/16	472.00
952459	NORHANS 6	2012/Feb/24	2014/July/31	471.86
952461	NORHANS 7	2012/Feb/24	2014/July/31	452.98
1007942	WESTHANS 1	2012/Jun/30	2014/July/31	472.51
1007962	WESTHANS 2	2012/Jun/30	2014/July/31	472.24
1007982	WESTHANS 3	2012/Jun/30	2014/July/31	472.07

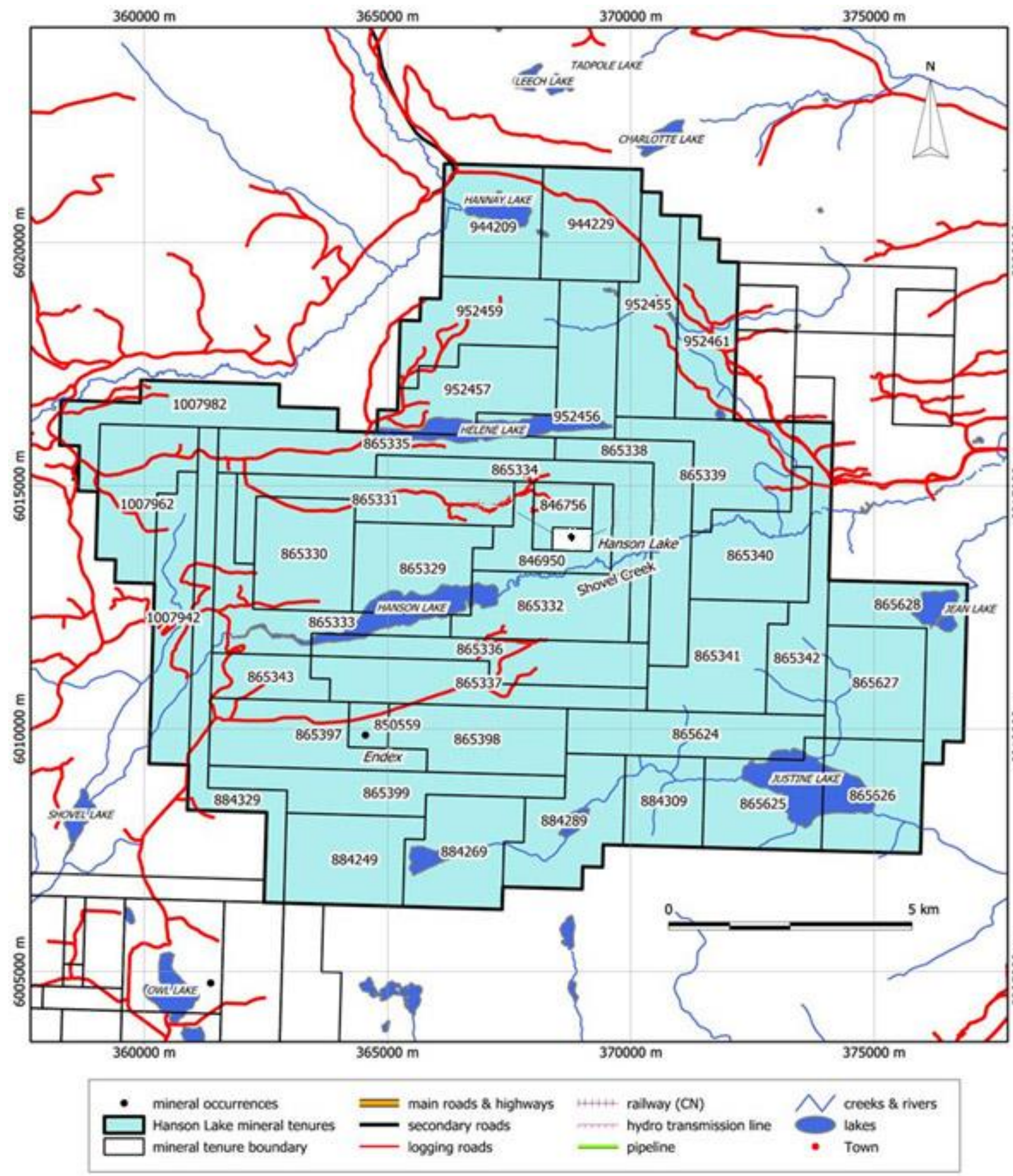


Figure 2: Hanson property Tenure Map (modified from MacIntyre, 2012).

3.0 ACCESSIBILITY, CLIMATE, AND INFRASTRUCTURE

3.1 ACCESS

Road access to the Property is via Augier Road from Highway 16, approximately 20 km east of the town of Burns Lake. Augier Road is followed for 7 km until Hannay Road, then a right hand turn at kilometre 29 onto Hanson Lake Road, and another right hand turn at kilometre 33 for access to the southern portion of the property and the Buckley (Endex occurrence (MinFile 093K081)) and Wilson zones. This road is followed for 4km until Owl Lake Road. This road is an old decommissioned logging road, and is accessible either by foot or by four-wheeler. Access to the three main zones on the Property is by way of the H100 Road which runs east-west from the Hanson Lake Road. The three zones are known as the Kimura zone in the west, the Bysouth zone located centrally, and the Cyr zone (Hanson Lake occurrence (MinFile 093K078)) on the east side of the Property (Figure 2). Past access was via Savory Lake Road and the southern portion of Owl Lake Road. However Owl Lake Road is no longer maintained.

3.2 CLIMATE AND VEGETATION

The Hanson property is located within the sub-boreal spruce bioclimatic zone of British Columbia. The sub-boreal spruce zone occupies the terrain of BC's interior plateau; located in central British Columbia. It extends along the highlands of the Nechako and Quesnel plateaus and the Fraser Basin, with long forested sections into the valley bottoms of mountainous areas to the north, east, and west. Several major lakes and rivers are located in this zone, including the Skeena, Bulkley, Fraser, Babine, and Nechako, as well as lakes such as Stuart, Francois, Burns, Trembleur, and the Nation Lakes. In addition, the flat plateaus in this zone are dotted with a variety of glacial meltwater channels, kettle depressions, river oxbows, and lakes that harbour wetland ecosystems which include marshes, fens, and swamps.

Because the Sub-Boreal Spruce zone is located in the interior, it has characteristic extremes of temperature. Short, warm and moist summers are combined with temperatures often reaching 30 degrees Celsius. Winters can reach temperatures of -10 degrees, with extremes sometimes at -40 degrees. The climate of the Hanson Lake area is strongly influenced by its location in the Coast Mountain rain shadow and is characterized by cold, dry winters and warm, dry, short summers. Precipitation is mainly in the form of snow with average annual accumulation of between 1.0 and 2.0 m.

The vast rolling landscape of the Sub-Boreal Spruce zone is lushly covered in coniferous forest. The dominant coniferous species are hybrid white spruce, subalpine fir, and occasionally, black spruce, along with lodgepole pine and occasionally Douglas-fir. Underbrush include: lilies, ferns, blueberries, Devil's club, black huckleberry, thimbleberry, highbush-cranberry, Sitka alder, velvet-leaved blueberry, black gooseberry, black twinberry, bunchberry, thimbleberry and Queen's Cup.

The project area is generally heavily forested. Several tree species occur on the claims and their occurrence may reflect the nature of the underlying materials, Aspen and Cottonwood are common on the steep grassy upper slopes immediately to the north of Hanson Lake. Elsewhere Spruce and Jackpine tend to dominate with varying amounts of Balsam fir.

3.3 LOCAL RESOURCES

The nearest town is Fraser Lake which is located 26 km to the southeast, along the southern shore of Fraser Lake. This town provides accommodation for workers at the nearby Endako molybdenum mine as well as local tourist facilities and support for the logging industry. There are hardware and grocery stores in town which can provide supplies for future exploration work. Paved airstrips can be found at Burns Lake, Fraser Lake, Fort St. James and Vanderhoof. Float planes can also land on lakes near the Property.

The Hanson Lake area is an active logging region with plenty of heavy equipment and operators available for hire. Most of these operators live in the towns of Fraser Lake, Fort Fraser, Vanderhoof and Burns Lake. Burns Lake and Vanderhoof are major population centres and are within a one to two hour drive of the project and provide all amenities including police, hospitals, groceries, fuel, helicopter services, hardware and other necessary items. Drilling companies are located in Burns Lake, Smithers and Prince George. Analytical services are available in Smithers (prep lab) and Vancouver.

3.4 INFRASTRUCTURE

Infrastructure in the area is primarily a well maintained network of logging roads that transect the area of the claims. The nearest powerlines, gas pipelines and rail heads are located at Fraser Lake along the Highway 16 corridor.

3.5 PHYSIOGRAPHY

Topographically, the Hanson property exhibits moderate relief with elevations ranging from 780 to 1380 m above mean sea level over an area of 17,951 ha. There are numerous rivers and streams running through the survey area which connect various lakes and wetlands. There is a number of logging cut blocks on the Property that are connected by a network of logging roads.

The general landscape within the project area is dominated by the easterly trending Shovel Creek valley which probably represents a major fault zone. Most of the surrounding terrain has a similar easterly grain. Lower valley slopes are moderately steep to extremely steep generally lying between 20 and 40 degrees. Drainage patterns show a marked degree of derangement due to glacial scouring and deposition. Shovel Creek, draining into Hanson Lake from the east, is meandering and swampy. Fine sediment is thought to have been deposited along the valley bottom in glacially formed depressions now demarcated by swamp and muskeg. The valley slopes directly above Shovel Creek and Hanson Lake are moderately well drained by youthful streams. Upland areas are poorly drained by networks of swamps and sluggish creeks. Bedrock exposure is sparse, forming less than 2% of the area. The predominant ice flow direction at the end of the last glacial period is reported to be from west to east (John Chapman, personal communication).

4.0 GEOLOGICAL SETTING AND MINERALIZATION

4.1 REGIONAL GEOLOGY AND TECTONIC SETTING

The Hanson property lies within the Cache Creek terrane (Figure 3), of the Intermontane Tectonic Belt, consisting of an oceanic accretion-subduction complex composed of a mixture of oceanic and arc volcanic rocks, pelagic sedimentary rocks, ultramafic bodies and exotic limestone (Bickerton et al., 2013). The Cache Creek terrane is bounded on either side by arc complexes. The Paleozoic-Mesozoic Quesnel terrane lies to the east across the Pinchi Fault, while the Triassic-Jurassic Stikine terrane lies to the west.

The oldest rocks in the Hanson Lake area are the Devonian-Triassic metamorphic rocks of the Taltapin and Cache Creek metamorphic complexes (Figure 4). These rocks are intruded by the Late Triassic Boer and the Late Triassic-Early Jurassic Stern Creek plutonic suites. Ultramafic rocks north of Hanson Lake are assigned to the Late Triassic-Early Jurassic Butterfield Lake Intrusive Complex. The Late Triassic-Early Jurassic intrusions are in part coeval with rocks of the Upper Triassic-Lower Jurassic Sitlika Assemblage and the Lower to Middle Jurassic Hazelton Group. The area south of Hanson Lake is largely underlain by granitic rocks of the Middle to Late Jurassic Francois Lake and Stag Lake plutonic suites of the Endako batholith. A younger, Early Cretaceous pluton that underlies the area immediately south of Hanson Lake comprises the Hanson Lake phase of the batholith. The Endako batholith and older metamorphic rocks are overlain by the Lower Cretaceous sedimentary rocks of the Skeena Group and Upper Cretaceous andesitic volcanic rocks of the Kasalka Group. Extensive areas northwest and southeast of Hanson Lake are covered by relatively flat lying to gently dipping flows of the Eocene age. These rocks included felsic volcanic and sedimentary rocks of the Ootsa Lake Group and overlying basaltic flows of the Endako Group.

The regional geological setting of the Hanson property is shown in Figure 4. This geology is from the digital geology of British Columbia as compiled by the B.C. Geological Survey Branch (Massey *et al.*, 2005). The geology shown is based on mapping that was done in the Fort Fraser (93K) map sheet as part of the Nechako Natmap project (1995-2000). Regional map units conform to those used by Struik et al. (1997, 2007), Whelan *et al*., (1998) and Hrudey *et al*. (1999).

The northwest oriented terrane boundaries, formed in part by compressional normal faulting, are known to have tight characteristics unlikely to facilitate metal-bearing felsic intrusions. During formation of these constricted boundaries strain would have been release via roughly perpendicular extensional faulting. Such structures would consist of dilation jogs and relatively open networks, capable of hosting mineralization which the main northwest structures could not. A number of deposits, including Endako, have been found to be associated with such easterly trending structures adjacent to northwest terrane boundaries.

The Endako molybdenum mine is a calc-alkaline porphyry deposit, hosted within quartz monzonites of the Francois Lake Plutonic Suite, variably considered to be a younger phase of the Jurassic Topley intrusions (MinFile 093K 006; Schiarizza and MacIntyre, 1999). The Topley intrusions were thought to have been emplaced during a time of regional tectonic uplift forming the east-northeast trending Skeena Arch (Figure 8; Souther and Armstrong, 1966; Kimura *et al*., 1976). The Endako deposit trends northwest, consisting of north-easterly trending molybdenite-quartz veins. Mineralization is thought to be facilitated by the east trending South Boundary Fault (Kimura et al., 1976) directly south of the deposit. The Hanson property is situated near the Cache Creek-Stikine boundary, only 15 km north of the Endako mine (Figure 8).

Other significant mines in the area include the alkalic porphyry deposits at Mt. Milligan to the NE and Mt. Polley to the SE (just off the bottom of Figure 3), both found within the Quesnel terrane. The Gibraltar Cu-Mo porphyry deposit, located within rocks of the Cache Creek terrane, lies near the Terrane's eastern boundary (also off the bottom of Figure 3).

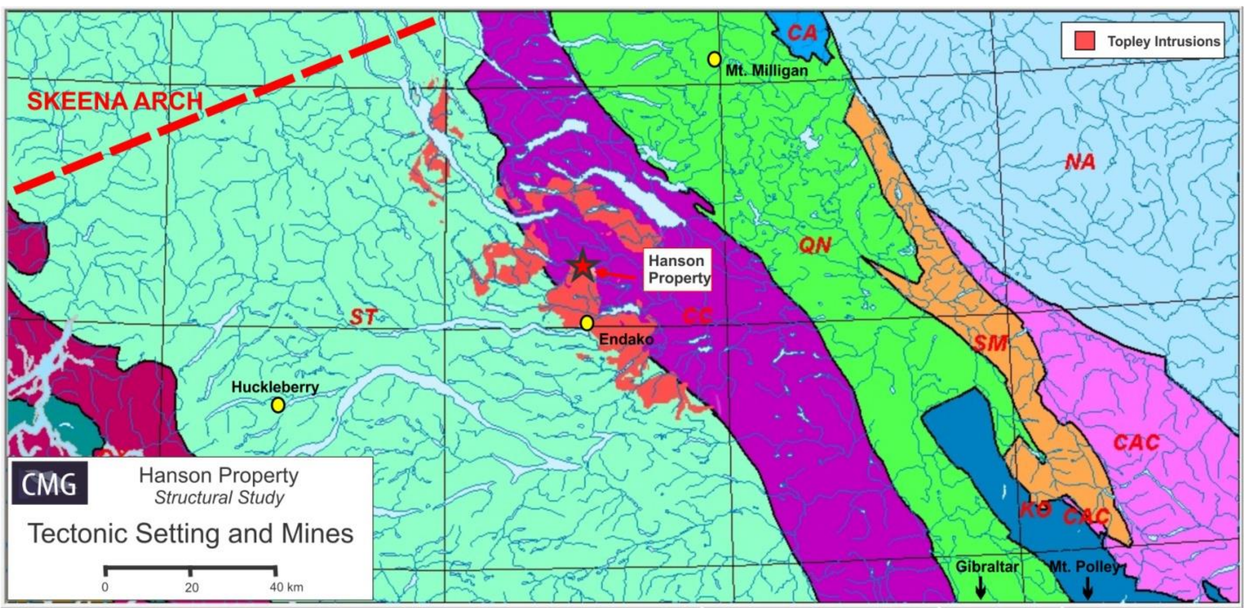


Figure 3: GSC terrane map and significant mines. (ST – Stikine, CC – Cache Creek, QN – Quesnel, SM – Slide Mountain, KO – Kootenay, CA – Cassiar, CAC – Cariboo, NA – North America)

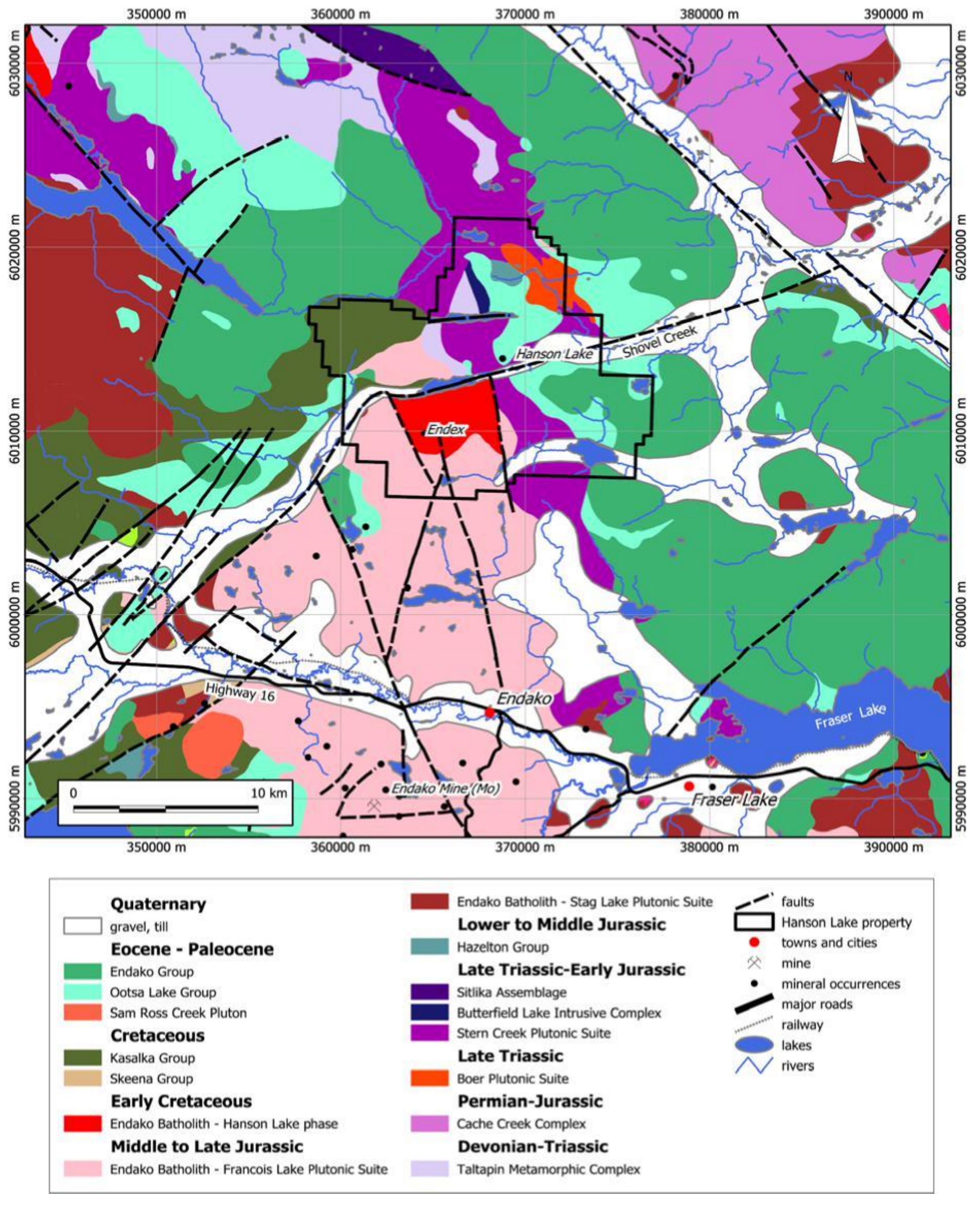


Figure 4: Regional Geology (taken from MacIntyre, 2012; after Massey et al., 2005).

4.2 PROPERTY GEOLOGY AND MINERAL OCCURRENCES

The geology of the Hanson property is shown in Figure 5 and the map units shown are briefly described in the previous section, and a more detailed account can be found in MacIntyre (2012; AR33278).

The oldest rocks on the Property are amphibolites that crop out sporadically between Hanson Lake and Helene Lake. Several outcrops also occur north of Helene Lake. These rocks are assigned, by the GSC, to the Devonian to Triassic Taltapin Metamorphic complex. Early workers on the Property assigned these rocks to the Cache Creek Group (unit CC). The amphibolites are intruded by gneissic quartz diorite and diorite (unit QD). The GSC has assigned these intrusive rocks to the Late Triassic-Early Jurassic Stern Creek plutonic suite. North of Helene Lake greenstone basalt breccia is exposed nonconformably overlying Stern Creek orthogneiss. Near the unconformity, which was not directly observed, the basalt is found with rounded gneissic blocks and elongate rounded amphibolite clasts 5 to 20 cm across (Hrudey *et al*., 1999). These rocks may be the basal member of the Lower to Middle Jurassic Hazelton Group. A few sporadic outcrops of ultramafic rocks crop out north of Helene Lake, and these are believed to be correlative with the Late Triassic-Early Jurassic Butterfield Lake Intrusive Complex (Hrudey *et al.*, 1999). Outcrops of amphibolite and hornblende diorite that crop out in the northeast corner of the Hanson property have been mapped by Struik (1998) as part of the Pennsylvanian to Jurassic Babine Metamorphic Complex which may include plutonic rocks of the Boer Suite (hornblende diorite, quartz diorite and biotite granodiorite) and amphibolite of the Cache Creek Group.

Sporadic outcrops of white to pink coarse grained biotite granite to granodiorite (unit QM) crop out northwest and southwest of Hanson Lake. These intrusive rocks are assigned to the Glenannan Phase of the Middle to Late Jurassic Francois Lake plutonic suite of the Endako batholith (Whalen *et al.*, 2001). Outcrops of grey to white weathering medium to coarse grained granite and granodiorite south of Hanson Lake have been dated as Early Cretaceous (Whalen *et al.*, 2001) and comprise the younger Hanson Lake phase of the Endako Batholith. Outcrops of alaskite north of the lake (unit AK) may also be part of this pluton. On the west side of the Property the Endako batholith and older metamorphic rocks are overlain by Upper Cretaceous andesitic volcanic rocks of the Kasalka Group. Extensive areas northwest and southeast of Hanson Lake are covered by relatively flat lying to gently dipping flows of Eocene or younger age. These rocks included felsic volcanic and sedimentary rocks of the Ootsa Lake Group (unit OO) and overlying basaltic flows of the Endako Group (unit E). Workers on the Property also recognized a younger quartz-feldspar porphyry (unit QFP) that intrudes older rock units. These rocks are similar to quartz phyric flows that are part of the Eocene Ootsa Lake Group.

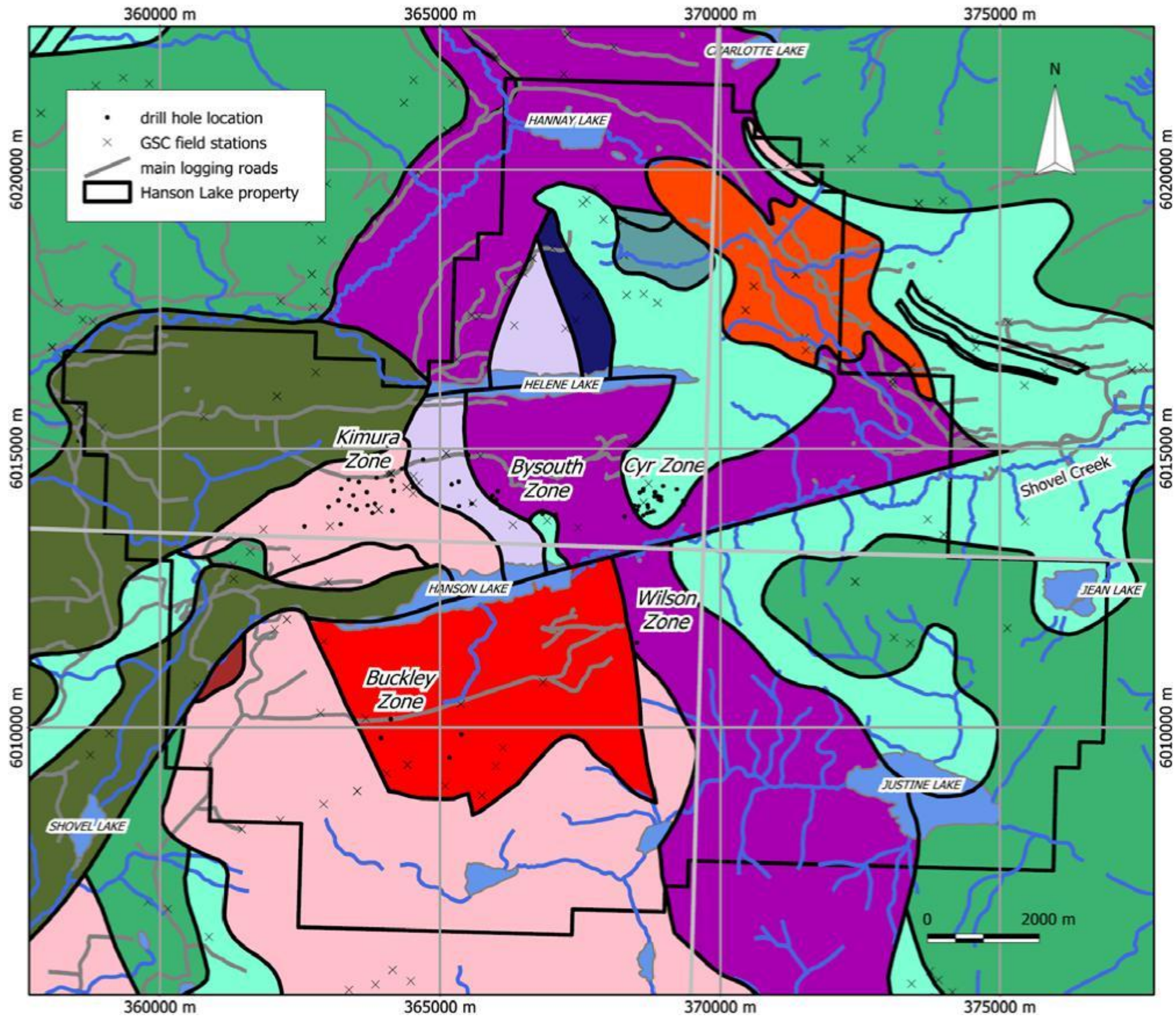


Figure 5: Property geology and location of mineral occurrences (taken from MacIntyre, 2012). See figure 3 for legend.

The Hanson property is comprised of five mineral zones as delineated by previous exploration companies. North of Hanson Lake is the Kimura zone on the west, the Cyr zone to the east and the Bysouth zone occupying the central area of the Property (Figure 5 and 6). South of Hanson Lake are the Buckley and Wilson zones.

Geological mapping by Twyman (1990) and Chapman (1992) is shown on Figure 5. This mapping has the Kimura zone underlain by Late Jurassic Glenannan quartz monzonite (unit QM). The Bysouth zone is hosted by amphibolite and biotite-hornblende schist (unit CC) and biotite quartz-feldspar gneiss (unit QD). The Cyr zone is located within possibly Eocene quartz porphyry and quartz-feldspar porphyry (Twyman, 1990; Chapman, 1992). The Buckley zone is within the Early Cretaceous Hanson Lake phase of the Endako Batholith; the Wilson zone straddles the contact between the Hanson Lake phase and older gneissic quartz diorites.

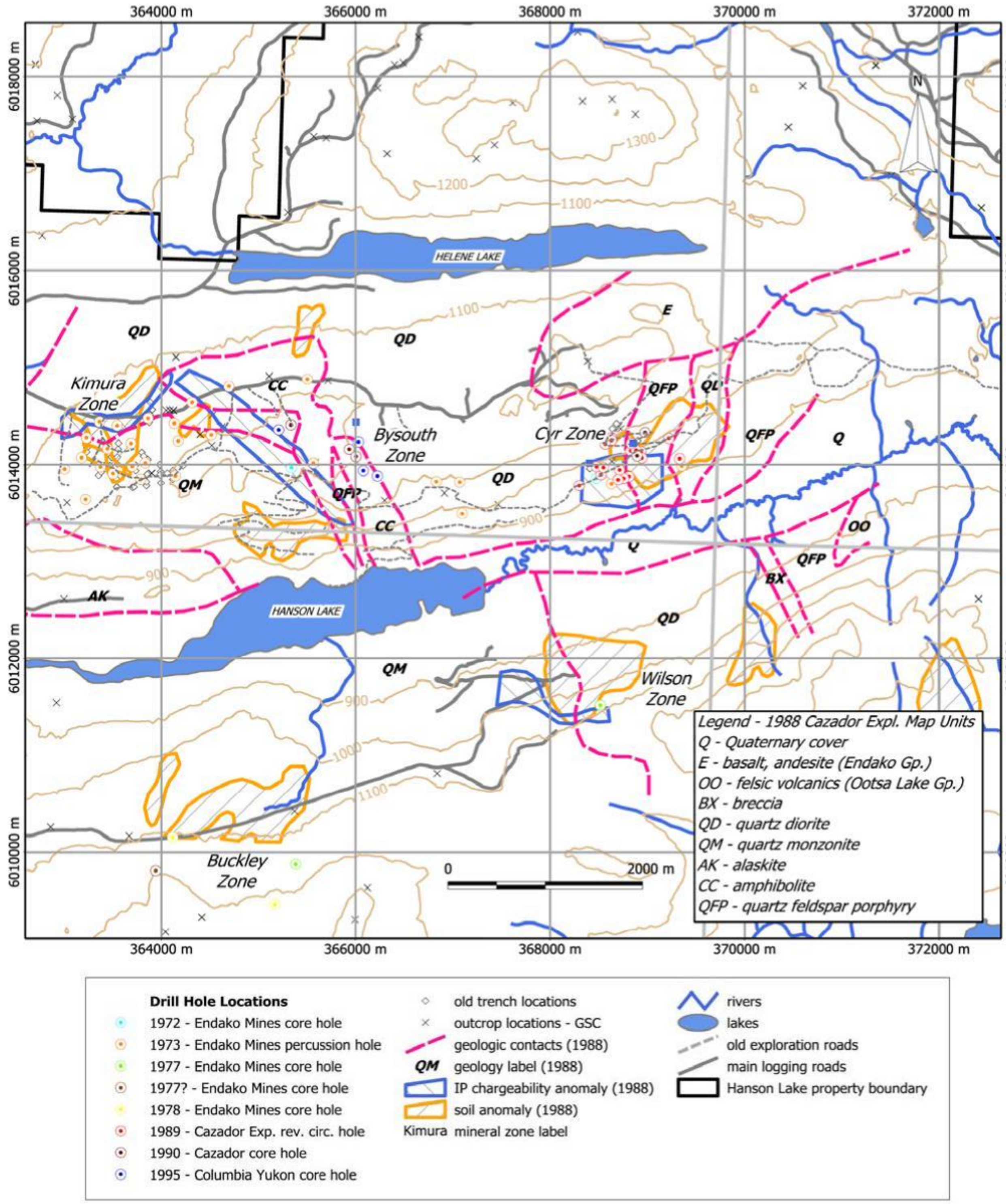


Figure 6: Geology, drill sites and exploration targets on the Hanson property (taken from MacIntyre, 2012). Geology and anomaly locations after Twyman (1990) and Chapman (1992).

Mineralization at Hanson is principally within: (1) quartz monzonite as fracture filling stockwork containing copper, molybdenum (Kimura and Buckley zones), (2) quartz porphyry/quartz feldspar porphyry with silicified zones carrying gold, silver, zinc, lead values (Cyr zone), (3) acid breccias with silicified zones carrying zinc, lead, gold, silver values (Cyr zone) and (4) quartz diorite/amphibolite shear zones that contain: copper, gold (Bysouth zone). Sulphides occur in all areas principally as chalcopyrite, sphalerite, molybdenite and galena.

4.2.1 Kimura and Bysouth Zones

The Kimura zone is located in an area that was logged in the 1970’s and has since been reforested. The zone occupies ground that gently slopes toward the north and is relatively flat. Outcrop is extremely sparse but the overburden is relatively thin. Endako Mines uncovered the underlying rocks through a series of trenches excavated in the 1970’s (Figure 6). The trenches were excavated over 25 years ago and subsequently, most are overgrown and some are filled with water or debris. A strong Cu-in-soil geochemical anomaly is associated with the Kimura zone (Figure 7).

The majority of the Kimura zone is characterized by a very coarse-grained quartz monzonite/granite that grades to pegmatitic locally with feldspar crystals reaching up to 2 cm. This intrusive phase is distinguished by large, quartz phenocrysts up to 1 cm in diameter. Andesitic dykes commonly intrude the plutonic rocks. The dykes are massive, fine grained and locally feldspar porphyritic. They commonly contain small amounts of disseminated pyrite and often magnetite. Propylitic alteration, characterized by chloritized mafic minerals, is pervasive throughout the zone. Epidote is seen in several trenches along the west side of the Kimura zone. Silicic alteration appears to form a core within the zone (Koyanagi, 2005). Mineralization in the Kimura zone occurs mainly as disseminated sulphides with locally occurring massive sulphides. Sulphides are mostly pyrite and chalcopyrite with minor amounts of bornite (Koyanagi, 2005).

The Kimura and Bysouth zones have been extensively tested by percussion and diamond drilling. Hole locations are shown on Figure 6. The best drill hole intersections are listed in Table 2. The target of drilling and trenching done in 1973 and 1990 appears to have been the presence of strong soil geochemical anomalies for Cu and Zn and coincident IP chargeability anomalies (Figure 7).

***Table 2.* List of best drill hole intersections, Hanson property**

Number	Operator	Year	Type	Easting (NAD83)	Northing (NAD83)	Zone	Azimuth	Inclination	Length	Intersections
H2	Endako Mines	1972	DDH	365336	6013968	Bysouth	0	-90	150.0	9.14 m. @ 0.7 opt Ag,0.02 opt
P8	Endako Mines	1973	PDH	363230	6014275	Kimura	0	-90	?	91.44 m. @ 0.1% Cu
P11	Endako Mines	1973	PDH	363687	6014218	Kimura	0	-90	?	33.53 m. @ 0.1% Cu
P15	Endako Mines	1973	PDH	364132	6014423	Kimura	0	-90	?	27.43m. @ 0.1% Cu,0.3% Zn
P32	Endako Mines	1973	PDH	363787	6013848	Kimura	0	-90	?	60.96 m. @ 0.3% Zn
H3	Endako Mines	1972	DDH	368476	6013859	Cyr	90	-45	150.0	3.05 m. @ 0.5% Cu, 0.8 opt
P25	Endako Mines	1973	PDH	368631	6013802	Cyr	0	-90	?	83.82 m. @ 0.3% Zn
P27	Endako Mines	1973	PDH	369354	6013986	Cyr	0	-90	?	30.48 m. @ 0.4 Zn, 1.0 opt Ag
RC-11	Cazador Expl.	1989	RCH	368632	6014250	Cyr	0	-90	?	14 m. @ 0.9% Zn, 0.2 gpt Au
RC-12	Cazador Expl.	1989	RCH	368569	6014210	Cyr	0	-90	?	10 m. @ 1.1% Zn,0.3 gpt Au
RC-13	Cazador Expl.	1989	RCH	368836	6014218	Cyr	0	-90	?	22 m. @ 0.4% Zn
RC-17	Cazador Expl.	1989	RCH	368758	6013859	Cyr	0	-90	?	2 m. @ 0.6% Cu, 80 gpt Ag
RC-21	Cazador Expl.	1989	RCH	368477	6013978	Cyr	0	-90	?	10 m. @ 41.8 gpt Ag,0.7 gpt
H90-2	Cazador Expl.	1990	DDH	365936	6014157	Bysouth	143	-50	120.4	15.0 m. @ 0.2% Cu,0.1 gpt Au
H90-3	Cazador Expl.	1990	DDH	366006	6014082	Bysouth	348	-50	104.0	22.0 m. @ 0.2% Cu,0.1 gpt Au
H90-4	Cazador Expl.	1990	DDH	368977	6014330	Cyr	265	-58	152.5	33 m. @ 23.6 gpt Ag

Note: DDH = diamond drill hole, PDH = percussion drill hole, RCH = reverse circulation drill hole; opt – ounces per ton; gpt = grams per tonne; drill hole locations are shown on Figure 7 (Kimura and Bysouth zones) and Figure 8 (Cyr zone). Table taken from MacIntyre (2012).

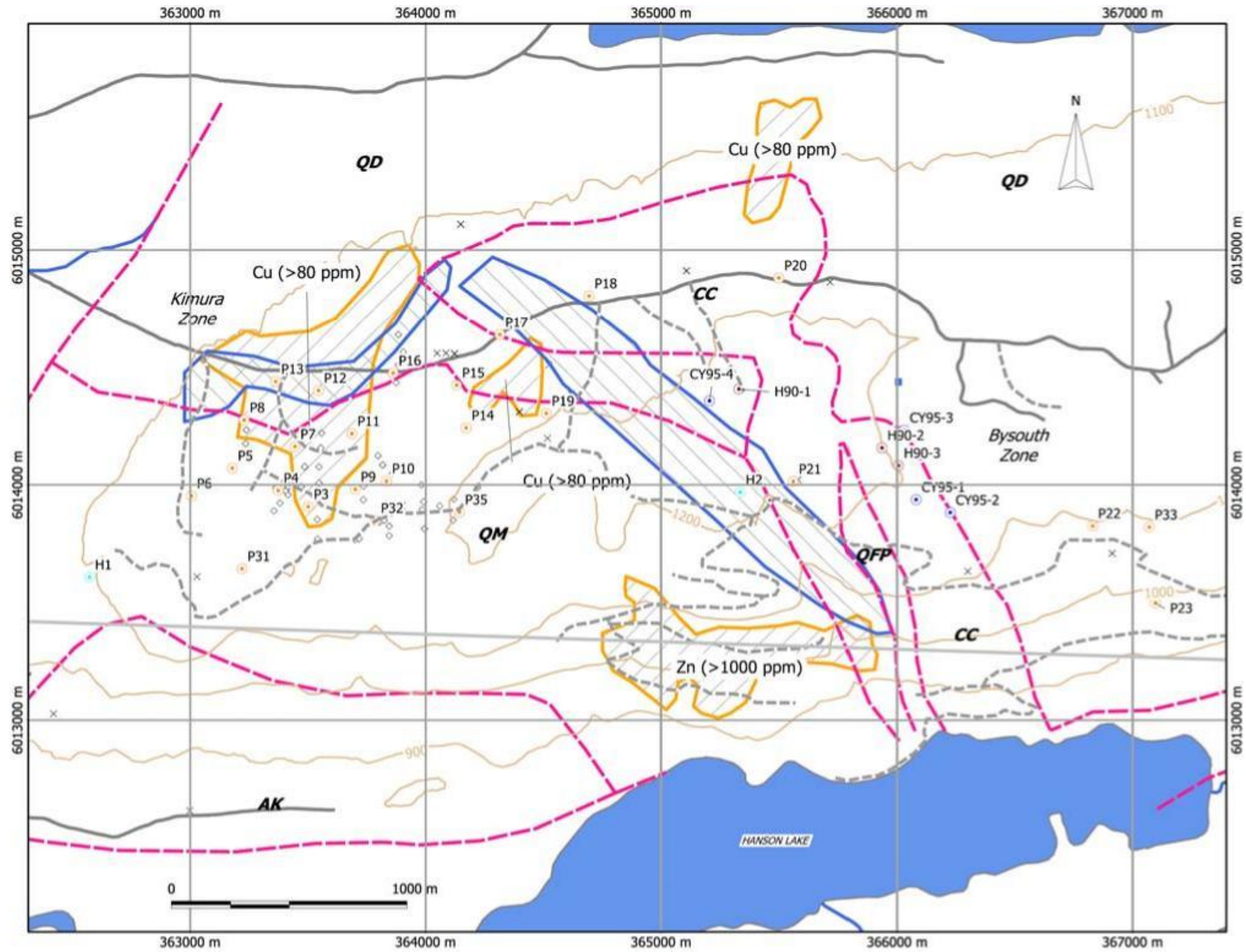


Figure 7: Geology and exploration targets, Kimura and Bysouth zones (taken from MacIntyre, 2012). See figure 5 for legend.

4.2.2 Cyr Zone

The Cyr zone is located along the south-facing slope above the north-east end of Hanson Lake. Previous exploration produced a series of trenches, pits and drill hole locations (Figure 7). Access to these workings is via a system of switchback roads. The Cyr zone is underlain by a quartz porphyry unit. This porphyry is commonly clay altered, oxidized and is often leached and vuggy (Koyanagi, 2005). The porphyry appears rhyolitic or dacitic in composition and may be a high level intrusive. The rhyolite may belong to the Eocene Ootsa lake group.

Mineralization in the Cyr zone occurs as disseminated pyrite which is ubiquitous throughout the quartz feldspar porphyry (QFP). Quartz veins and quartz segregations are found locally but do not appear associated with sulphide mineralization (Koyanagi, 2005). Lithogeochemical sampling by Koyanagi (2005) returned high levels of silver (10,894 ppb) and significant levels of lead and zinc (1,095.92 ppm and 439.5 ppm respectively). Significant drill hole intersections from the Cyr zone are listed in Table 3. Drill hole locations are shown in Figure 7.

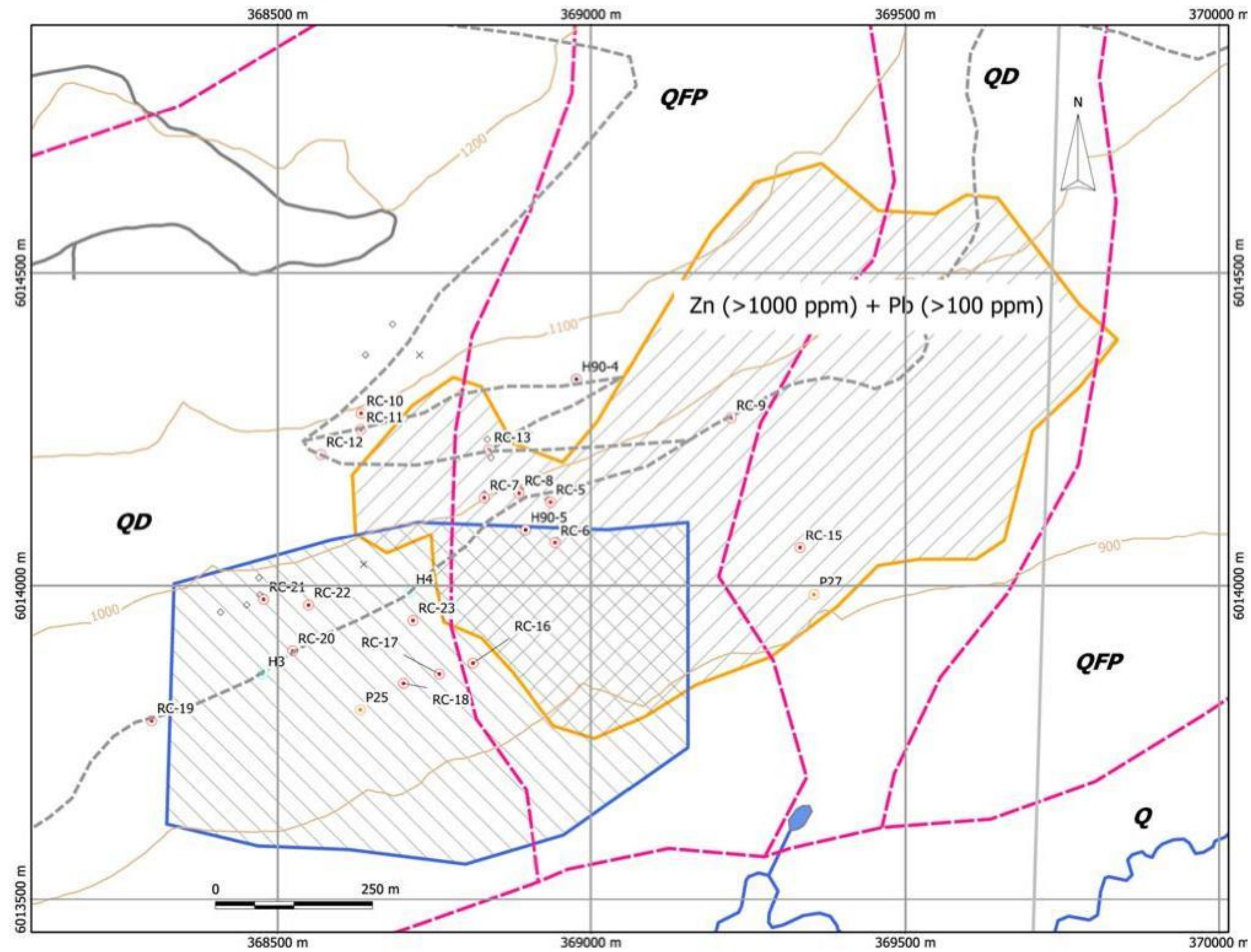


Figure 8: Geology and exploration targets, Cyr zone (taken from MacIntyre, 2012). See figure 5 for legend.

5.0 EXPLORATION HISTORY

5.1 EARLY EXPLORATION WORK IN THE ENDAKO-HANSON LAKE AREA

In 1960 Endako Mines Ltd., optioned the Endako molybdenum property to Placer Development Ltd. Placer subsequently developed the Property bringing it into production in early 1965. There was a resulting staking rush in the region by junior and major mining companies exploring for more porphyry molybdenum deposits. Large blocks of mineral claims were established in the region and this was followed by geochemical and geophysical surveys. A few properties were subsequently tested by drilling. However, while several molybdenum showings were located in felsic intrusive rocks, none were found to be economic. Exploration in the area was hampered by extensive glacial overburden with regional rock outcrop at about one percent.

United Buffadison Mines Ltd. discovered outcroppings of quartz monzonite mineralized with molybdenite near Owl Lake, some 13 km north of the Endako mine. Following successful geochemical soil surveys the company completed 3,048 m (10,000 ft) of bulldozer trenching followed by 18 “B” size wire-line diamond drill holes, totalling 2,164 m (7,100 ft). Large intersections of sub economic grade molybdenum (0.01% to 0.10% MoS_2) were intersected.

5.2 Hanson Exploration History

5.2.1 1965-1970 AMAX Exploration Inc.

Between 1965 and 1970, AMAX Exploration Inc. was actively exploring for molybdenum in the Endako area, as at that time their parent company AMAX Inc., was the world’s largest molybdenum producer. They conducted silt and soil geochemical programs on the south side of Hanson Lake, discovering a large molybdenum-in-soils anomaly centred some 2 km due south of the lake. D.G. Allen, Geologist reported “Geochemical Soil sampling has revealed a prominent anomalous area approximately 6,000 ft by 4,000 ft on the southern Top claims. Almost no outcrops are present in the anomalous area to aid in interpretation of the anomaly.” (Allen, 1970; AR 2931)

5.2.2 1971 - 1973 Endako Mines Division

Canadian Exploration Ltd., Endako Mines Division (a subsidiary of Placer Development Ltd.) as part of a regional exploration program focused on the Hanson Lake area upon discovering anomalous base and precious metals values in stream silts. A large block of 409 mineral claims were staked, approximately 2,900 soil samples were collected and assayed and 52.8 line-kilometres (33 line-miles) of ground magnetometer survey were conducted (Kimura, 1972; AR 3645). Several large anomalies were generated with this work. Forty additional mineral claims were staked east of the first area surveyed (known as Cyr zone) and 216 soil samples were collected and assayed (Bysouth, 1973; AR 4282). A large lead-zinc anomaly was outlined adjacent to the east end of the Bysouth zone anomaly discovered the prior year. An additional 20 mineral claims were staked southeast of Hanson Lake (known as Wilson zone) and 134 soil samples were collected and assayed (Kimura, 1973; AR 4284). A copper-molybdenum anomaly was defined.

A soil sampling survey was also conducted in a large area near Justine and Jean Lakes. There were 184 samples obtained and submitted for assay (Kimura, 1973a; AR 4286) – resulting in a lead anomaly being partially defined 2 miles northwest of Justine Lake (Peters zone). Induced Polarization (IP) surveys were conducted on 23 km (14.4 miles) of cut-line covering parts of the Kimura, Bysouth and Cyr zones and several chargeability and resistivity anomalies were detected (Thornton, 1972; AR 4283). Four core holes, each approximately 150 m (500 ft) long, were drilled on the north side of Hanson Lake to follow-up on the soil geochemical anomalies and the IP anomalies. One hole was drilled in the Kimura zone (H1), one in the Bysouth zone (H2) and two in the Cyr zone (H3,4). All four holes reported sub-economic minor base metal and precious metal values (J. Chapman, personal communication; internal Endako Mines report).

In 1973, Endako Mines Division conducted a 44.8 line-kilometres (28 line-miles) ground EM survey over the Kimura, Bysouth and Cyr zones resulting in several conductors being defined with some coincidental with the IP anomalies (internal Endako Mines report). Thirty-one percussion drill holes totalling 2,423 m (7,950 ft) were completed in the Kimura, Bysouth and

Cyr zones. No economic mineralization was encountered but several intercepts of low-grade copper and/or zinc and/or silver were encountered. More than 100 trenches were excavated in these same zones and some of the trenches yielded marginal values in copper (internal Endako Mines report). The company staked 37 mineral claims that overlapped ground previously held by AMAX Exploration Inc. south of Hanson Lake. A total of 399 soil samples were collected and sent for assay. Similar to AMAX, Endako Mines defined a large molybdenum-lead-silver anomaly that extended beyond AMAX's 1970 soils grid towards the south (Cyr, 1973; AR 4703). Induced Polarization surveys conducted on 29.4 km (18.4 miles) of cut-line extended the 1972 survey over the Kimura, Bysouth and Cyr zones north of Hanson Lake and for the first time tested the Wilson zone to the southeast of Hanson Lake. Several new chargeability and resistivity anomalies were defined (Cannon 1973; AR 4758). Although follow-up work was planned for 1974, this program was cancelled due to the introduction of Government Bill #31, the Mineral Royalties Act (Endako Mines internal report).

5.2.3 1977-1978 Endako Mines Division

In 1977, Endako Mines drilled four inclined BQ wire-line core holes totalling 225 m to test the Buckley (2 holes – H7, 8) and Wilson (2 holes – H9, 10) zones. Sub-economic molybdenum and copper were intersected in these short holes (Kimura 1978; AR 6664). In 1978 an additional three inclined BQ wire-line core holes totalling 350 m were drilled in the Buckley zone (holes 78-1, 2 and 3). Sub-economic molybdenum and copper mineralization was also intersected in these short holes (Kimura, 1979; AR 7190). Molybdenum prices collapsed in the early 1980's and Endako Mines Division withdrew from the Hanson Lake area and never returned as the parent company Placer Development Ltd. shifted all its development to precious metals.

5.2.4 1987 Metamin Enterprises Inc.

The Hanson property was restaked by Metamin Enterprises Inc. in 1987. Ben Ainsworth and Dave Jenkins, the principals of Metamin, were former Placer Development geologists. Metamin optioned the Hanson property to Cazador Explorations Ltd. Placer Development was approached by Cazador management to see if it wished to participate again in Hanson through Cazador share placements. Placer decided in favour of this arrangement and also participated in the Initial Public Offering (IPO) of the company.

5.2.5 1988-1993 Cazador Explorations Inc.

Cazador Explorations conducted extensive geochemical soil surveys and ground magnetic surveys north of Hanson Lake followed by trenching and drilling (core and reverse circulation). Also, Placer Development Ltd. (then Placer Dome Inc.) analyzed old stored sample pulps for precious metals from Endako Mines' 1970's Hanson exploration. This joint work resulted in the discovery of new mineralization in the Kimura, Bysouth and Cyr zones (Jenkins, 1989, AR 18398; Twyman, 1990, AR 19649; Twyman, 1991; AR 21187; Ainsworth, 1992, AR 22499 and Jenkins, 1993, AR 23042). In 1991 the NDP were elected to government in B.C. This had a negative impact on investment in mining. Cazador found it increasingly difficult to raise money and finally suspended its exploration program in B.C. and refocused on working in Manitoba.

5.2.6 1995 Columbia Yukon Resources

The last significant exploration at Hanson was done by Columbia Yukon Resources Ltd. under an option with Metamin Enterprises Inc. Four core holes, totalling 961 m, were drilled in the Bysouth zone near Trench T8912. In the drilling report by T.L. Sadler-Brown, P.Geo., March 31, 1995 it appears that not all core was sampled and assayed. The assays available indicate anomalous copper (>300 ppm) over large intervals (up to 290 m), with many samples over 1,000 ppm and one sample yielding 2,470 ppm copper (Saddlier-Brown, 1995).

5.2.7 2004 Abel Exploration Ltd. – Yekooche First Nation

The Hanson property was re-staked by Abel Exploration Ltd. on behalf of the Yekooche First Nation in 2004. A small program focussed on lithogeochemical sampling of historical trenches in the Kimura (18 samples) and Cyr (6 samples) zones was completed in late 2004 (Koyanagi, 2005; AR 27665). One sample collected from Trench 47 in the Kimura zone returned >10,000 ppm Cu and 78232 ppb Ag. Koyanagi (2005) concluded that "Lab results indicate a central zone of significant mineralization centred on trench 48. This zone is highlighted by high copper, zinc and silver values revealing excellent mineral potential."

5.2.8 2006 G.W. Kurz

The Hanson property was re-staked in 2006 by G.W. Kurz to cover several areas of potential molybdenum mineralization. This staking was triggered by rising molybdenum prices. A total of 33 soil and 6 stream samples were collected along the Owl Lake logging road in an area south of Hanson Lake (Bysouth, 2007, AR 29157).

The claims were subsequently allowed to forfeit and the Property was re-staked by John A. Chapman and Gerald G. Carlson (the current Property Owners) in 2011.

5.2.9 2012 Stone Ridge Exploration Corp.

The Hanson property was optioned to Stone Ridge Exploration Corp., who conducted a helicopter-borne Z-Axis Tipper electromagnetic (ZTEM) and aeromagnetic geophysical survey over the centre of the Property. The airborne survey identified several areas of weak to moderate anomalous conductivity, as well as areas of high and low magnetic response. Though some of these can be attributed to lithologic variations, others may represent mineralization or areas of magnetically-destructive alteration (MacIntyre, 2012).

5.2.10 2013 Stone Ridge Exploration Corp.

In 2103 Stone Ridge Exploration contracted Coast Mountain Geological to conduct a structural study of the Hanson property. In line with what is found at Endako and regional scale, east-northeast and northwest trending structures within the vicinity of Hanson are considered good exploration targets. The structural compilation suggests the area has good potential for the presence of mineralization, due to the high density of intersecting structures and the intersection of a prominent north-northeast trending linear with the main northwest oriented structural corridor containing the Property. On the property scale, four significant east-northeast trends range across the Property; the two in the centre are known faults (Figure 21), while those on the north and south edges of the Property provide new areas of interest. The southern trend cross-cuts northwest faults mapped by the BCGS, and runs through a section of the Francois Lake Plutonic Suite - the host of mineralization at Endako.

6.0 2014 PROPECTING AND SOIL SAMPLING PROGRAM

Coast Mountain Geological Ltd. conducted a six day prospecting and soil sampling program in the south of Hanson Lake. Three people including two geologists and one geotechnician spent five days on site. A total of 16 rock samples and 33 soil samples were collected between May 28^{th} and June 2^{nd}, 2014. In preparation for the 2014 field program, a small amount of time was spent digitizing historical geochemical and structural data into a GIS database to identify areas of potential interest for further follow up. This data along with the results of the 2014 field program are presented in figures 9 to 16.

6.1 PROSPECTING AND SOIL SAMPLING METHODS

A total of 33 soil samples were collected along two NE-SW oriented soil lines. The northern soil line was established along the uphill side of a decommissioned logging road used for site access. Historical soil samples were located along this route and duplicated during the 2014 field program to confirm its location and historical Cu-Mo soil results. A second soil line was established roughly 200 metres to the SE of the northern soil line within forest cover to the north of a clear cut area along a compass, chain and flagged line oriented at 40 degrees azimuth. Soil samples along the two traverses were collected at 25m station intervals marked in the field with blue and red flagging.

All samples were taken from the “B” horizon, whenever possible, and placed in Kraft sample bags which were labelled with the sample number using a permanent marker. Where a “B” horizon was not present samples were taken from the “A” and occasionally the “C” horizon. Sample notes concerning the samples depth, colour, soil horizon sampled and additional comments, along with the sampler’s initials, and GPS coordinates were recorded.

A total of 16 rock grab samples were collected primarily along decommissioned logging roads, accessible in a clear cut area to the south of the southern soil line. Outcrop exposure in the clearcut area is limited but thought to be near surface with areas exhibiting blocky rubble of frost heaved and angular quartz monzonite subcrop. Samples of weakly altered pyritic and gossanous quartz monzonite float samples were collected in plastic bags, sealed and identified by a unique sample tag number. Sample notes were taken at each station and recorded with a GPS coordinate. The sample locations were marked in the field with flagging and labeled with its unique sample tag number. Field notes are tabulated in Appendix I.

6.2 SAMPLE SECURITY AND ANALYSIS

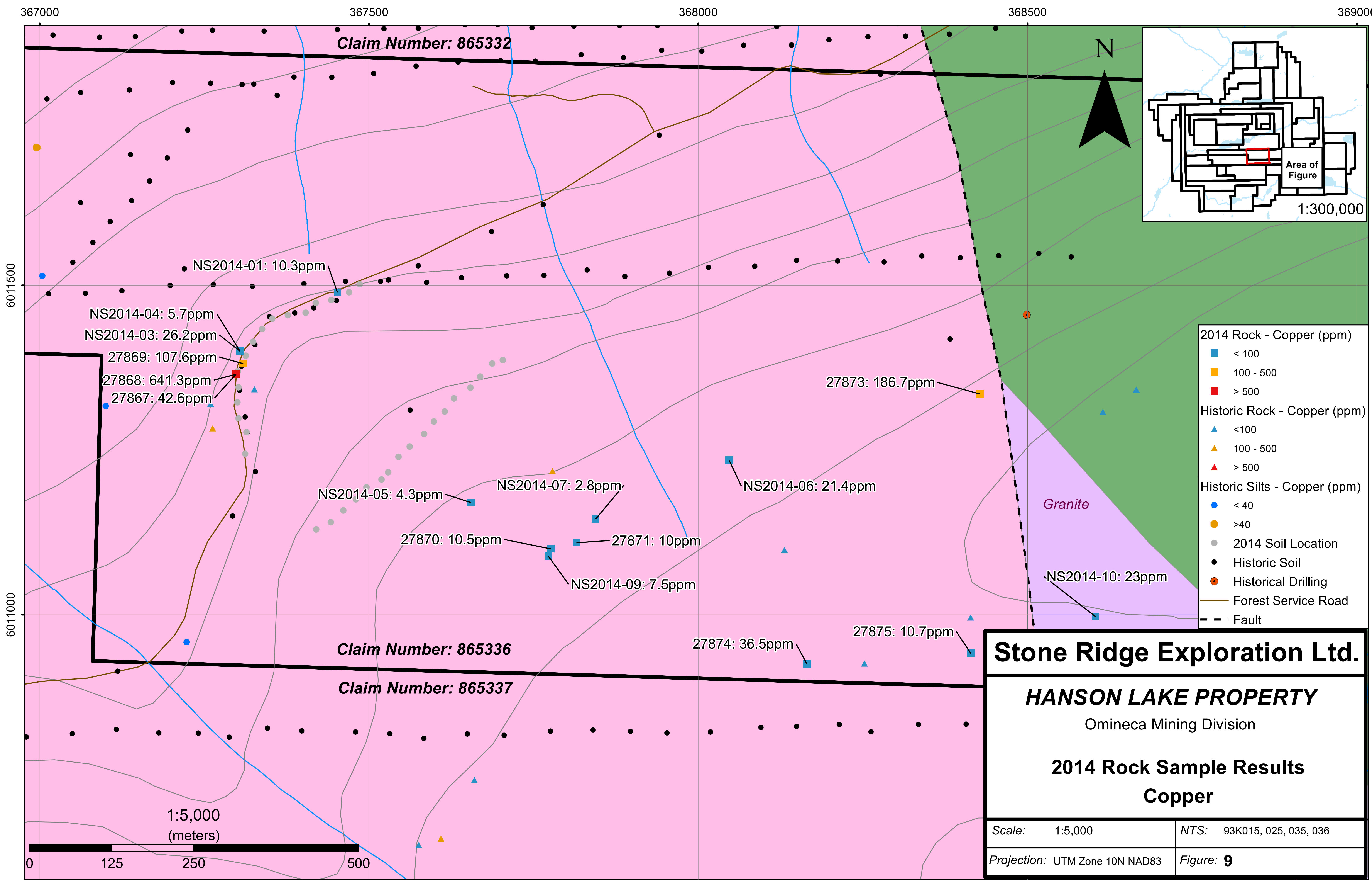
Samples were brought back to town daily, dried and stored in a secure place. At the end of the program, all samples were packed and readied for transport on site by the field crew. A CMG employee drove the samples directly to CMG's office facilities in Vancouver, B.C. where they were stored, sorted and dried.

The rock samples were directly submitted to ACME Labs in Vancouver, BC for geochemical analysis. Rock samples were prepared using code PRP70-250: crushed to 1kg to greater than 70% passing 2mm. A 250g aliquot was pulverized to greater than 85% passing 75 µm. The sample was then analysed using code MA200: 0.25g aliquot digested in hot HNO_3-$HClO_4$-HF to fuming and taken to dryness. The residue is dissolved in HCl and analysed for 45 elements with ICP-ES/MS. Rock sample results are presented in Figures 9 to 11 for Cu, Mo and Pb and rock descriptions and assay results are found in Appendix I and II respectively.

The soil samples (thoroughly dry) were analyzed with a Thermo Scientific NITON® XL3t™ GOLDD+ portable XRF analyzer operated by Nicola Struyk, a NDT certified operator of Coast Mountain Geological Ltd. The 18 samples that were anomalous in one or more of elements of interest (Ag, Cu, Mo, Zn, Pb) or pathfinders (including As, Sb and Hg) were submitted to ACME Labs in Vancouver, BC for further geochemical analysis. XRF sample preparation included removing a representative column of soil from the sample bag with a clean scoop, and placing the material on a clean (metal-free) paper surface. The soil was then covered with a cerran-wrap. The XRF analysis is a spot measurement of the sample, examining an area of approximately 1cm in diameter and 0.1-3mm depth. For each sample analysis the main, low, and high filters of the XRF were activated for 30 seconds each. Results from the XRF analysis are not directly comparable to assays, which measure an average of the entire sample. Nevertheless, XRF analysis is useful in qualitatively identifying anomalous samples from background. For each sample the measurement is accompanied by a variable 2σ error, specific for each element detected, which gives the reliability of the analysis. It is important to note that this error is not only different for each element within a given sample, but varies between samples for the same element. Errors were reduced by drying the samples, as well as pressing the material to eliminate air pockets between grains. Soil samples submitted to ACME Laboratories were prepared using code SS80: they were dried at 60 degrees Celsius, and then subsequently sieved 100g to -180µm. The samples were then analysed using code AQ200: 0.5g aliquot digested in Aqua Regia and analysed for 36 elements with ICP-ES/MS. Soil results are presented in Figures 12 to 15 for Cu, Mo and Pb respectively. XRF and assay results are found in Appendix III and IV.

7.0 RESULTS AND INTERPRETATION

Due to the variable glacial cover, outcrop exposure is limited. Four rock grab samples returned anomalous values for one or more of Mo, Cu, Pb, and Zn. Two rock samples, 27868 and 27869, are located along the northern access road where the historical Cu-Mo soil anomaly is located. Anomalous rock samples 27873 and 27875, are located 1.1 km to the east of the southern soil line traverse in close proximity to a north-south trending fault contact separating Cretaceous aged granodiorite, the Hanson Lake phase of the Endako batholith and Triassic aged diorite of the Stern Creek Plutonic Suite. The Wilson zone is located approximately 150m to the NNW of rock sample 27873 and to the east of the above described N-S trending fault zone contact. All four rock samples are of quartz monzonite composition, are strongly gossanous and contained upwards of 5% disseminated and fracture healed pyrite. Sample 27873 is anomalous in Cu, Mo, Pb and Zn while sample 27875 returned anomalous values in Mo and Pb. The two rock grab samples located along the northern soil line traverse are elevated and anomalous in copper while molybdenum returned near background levels. The 2014 prospecting and sampling results confirm the presence of historic mineralization found in soils.



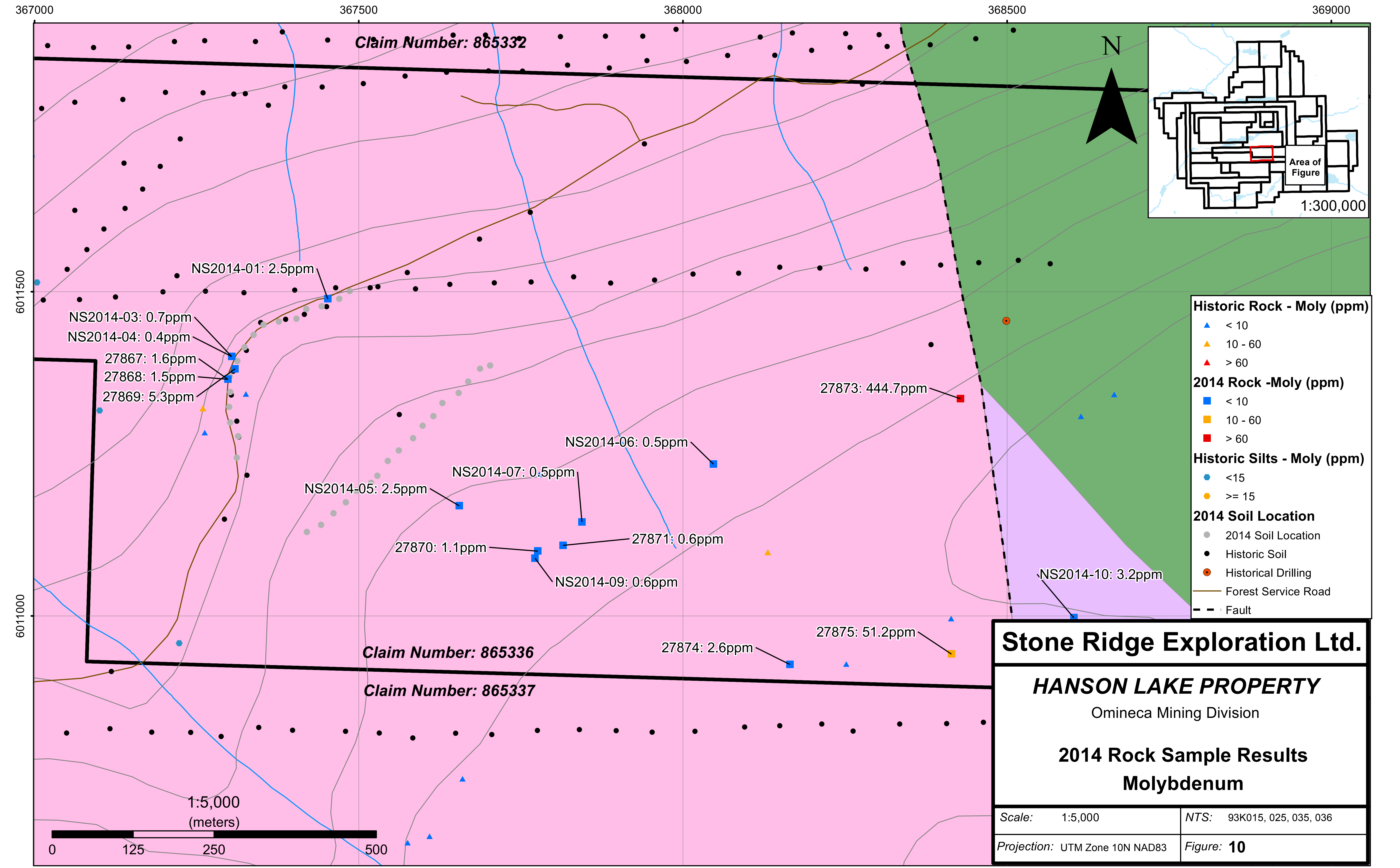
Stone Ridge Exploration Ltd.

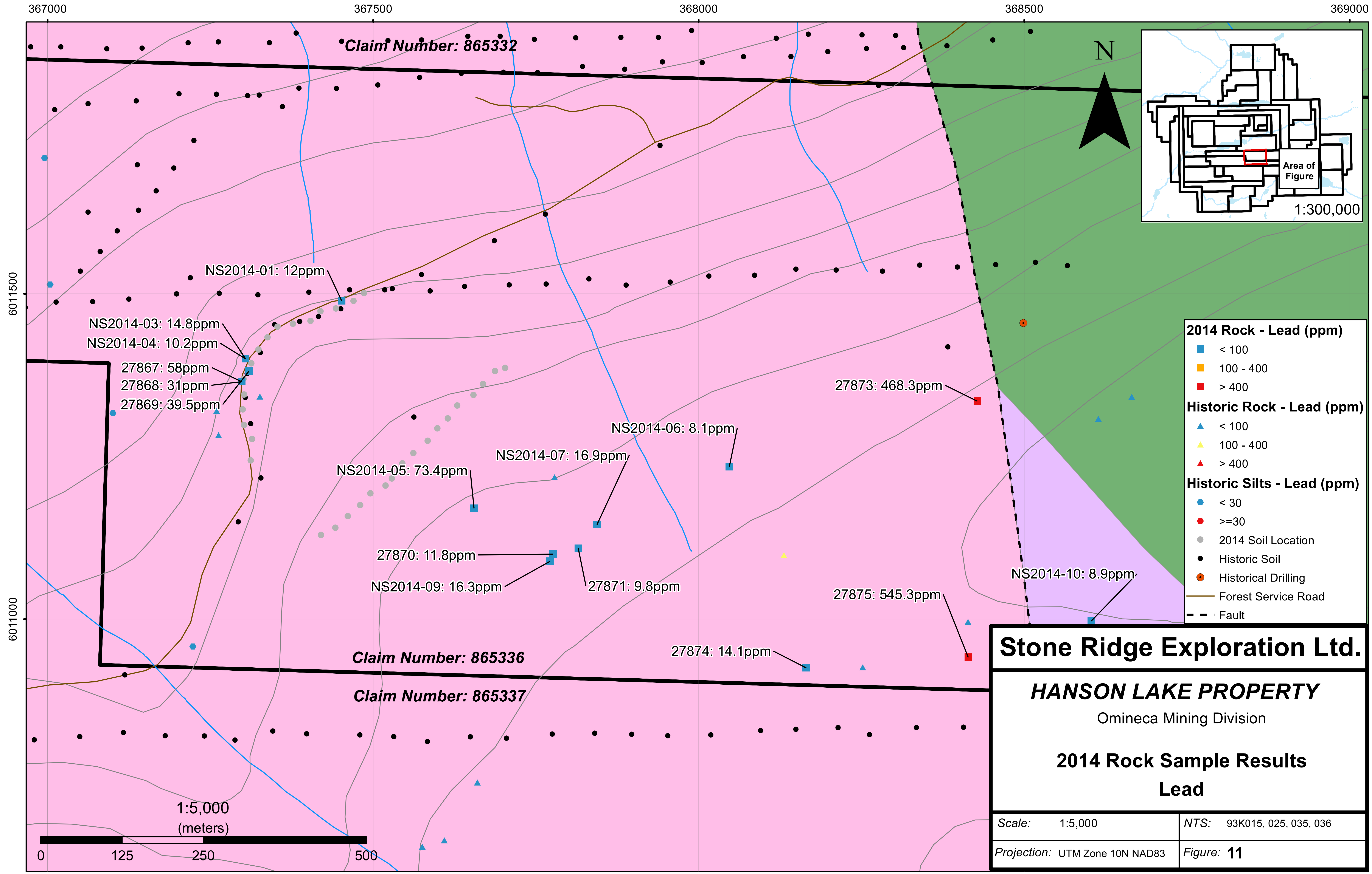
HANSON LAKE PROPERTY

Omineca Mining Division

2014 Rock Sample Results
Copper

Scale:	1:5,000	*NTS:*	93K015, 025, 035, 036
Projection:	UTM Zone 10N NAD83	*Figure:*	9


367000
367500
368000
368500
369000
6011500
6011000
Claim Number: 865332
Claim Number: 865336
Claim Number: 865337
N
Area of Figure
1:300,000
NS2014-01: 2.5ppm
NS2014-03: 0.7ppm
NS2014-04: 0.4ppm
27867: 1.6ppm
27868: 1.5ppm
27869: 5.3ppm
27873: 444.7ppm
NS2014-06: 0.5ppm
NS2014-07: 0.5ppm
NS2014-05: 2.5ppm
27870: 1.1ppm
27871: 0.6ppm
NS2014-09: 0.6ppm
NS2014-10: 3.2ppm
27875: 51.2ppm
27874: 2.6ppm
Historic Rock - Moly (ppm)
< 10
10 - 60
> 60
2014 Rock -Moly (ppm)
< 10
10 - 60
> 60
Historic Silts - Moly (ppm)
<15
>= 15
2014 Soil Location
2014 Soil Location
Historic Soil
Historical Drilling
Forest Service Road
Fault
1:5,000
(meters)
0
125
250
500
Stone Ridge Exploration Ltd.
HANSON LAKE PROPERTY
Omineca Mining Division
2014 Rock Sample Results
Molybdenum
Scale: 1:5,000
NTS: 93K015, 025, 035, 036
Projection: UTM Zone 10N NAD83
Figure: 10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Claim Number: 865332
Claim Number: 865336
Claim Number: 865337
N
Area of Figure
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NS2014-01: 12ppm
NS2014-03: 14.8ppm
NS2014-04: 10.2ppm
27867: 58ppm
27868: 31ppm
27869: 39.5ppm
NS2014-05: 73.4ppm
NS2014-06: 8.1ppm
NS2014-07: 16.9ppm
27870: 11.8ppm
NS2014-09: 16.3ppm
27871: 9.8ppm
27873: 468.3ppm
27875: 545.3ppm
27874: 14.1ppm
NS2014-10: 8.9ppm
2014 Rock - Lead (ppm)
< 100
100 - 400
> 400
Historic Rock - Lead (ppm)
< 100
100 - 400
> 400
Historic Silts - Lead (ppm)
< 30
>=30
2014 Soil Location
Historic Soil
Historical Drilling
Forest Service Road
Fault
1:5,000
(meters)
0
125
250
500
Stone Ridge Exploration Ltd.
HANSON LAKE PROPERTY
Omineca Mining Division
2014 Rock Sample Results
Lead
Scale: 1:5,000
NTS: 93K015, 025, 035, 036
Projection: UTM Zone 10N NAD83
Figure: 11

Historical soil data is presented with the 2014 soil sample results to show the relationship and correlation not only between years but also between the XRF and geochemical results. The northern most soil sampling line located along the main access route confirmed the presence of the historical Cu-Mo soil anomaly over a shorter interval than previously identified. While this anomaly did not extend further to the south, elevated and anomalous lead-zinc soil results located along the eastern portion of the northern soil line does extend further to the south to the southernmost soil line. The Pb-Zn soil anomaly is seen to strengthen in width and tenor towards the southeast and is open to extension in both directions. This trend of the anomalous Pb-Zn soil results closely approximates one of the favourable mineralized structural trends identified by J. Cross in a structural study of the Hanson Property for Stone Ridge Exploration Corp. (Assessment Report 34087).

Elevated and anomalous gold in soil results were received from two sample sites located along the southern soil line at stations HS 1+75 and HS 2+75 returning 42ppb Au and 19.8ppb Au respectively.

8.0 CONCLUSIONS AND RECOMMENDATIONS

The 2014 prospecting and soil geochemical sampling program has confirmed elevated and anomalous results in both soil and rock grab samples on the Hanson Property located south of Hanson Lake. Rock grab sample results show moderate to strong Cu-Mo-Pb mineralization proximal to a N-S trending fault zone contact located immediately to the west of the Wilson Zone. This fault was identified in the structural study as being a prospective structure for mineral enrichment. While outcrop exposure is limited on the property, additional prospecting and soil geochemical surveys are further recommended in this area to evaluate the potential of this fault structure and bounding stratigraphy.

The soil geochemical survey results along the northern soil line traverse confirmed the presence of historical Cu-Mo results. Rock grab samples collected along this traverse confirmed elevated and anomalous copper values hosted by altered quartz monzonite with up to 5% fracture healed pyrite. A second soil line traverse located approximately 200m to the south of the northern soil line confirmed the extension of anomalous Pb-Zn enrichment over an interval of approximately 150m through the central portion of the southern soil line traverse. The Pb-Zn soil anomaly is open to extension to the northwest and southeast. Additional soil line coverage along with mapping and prospecting is warranted in this area to evaluate the potential extension of the Pb-Zn soil anomaly. A second area of interest is located to the northeast of the 2014 field program where historical soil geochemical results identified a broad area of anomalous Cu-Mo-Pb +/- Zn enrichment which is open to extension to the north and south warranting additional soil line coverage, prospecting and mapping.

Based on the investigation of historical information and database, it is recommended that that the following claims be allowed to expire due to lack of prospective mineralization geology: Tenure numbers: 552439, 552440, 552441, 602613, 602614, 609666, 609670, 609672, 644260, 644261, and 644262.

Priority should be on drilling the potential targets identified, particularly the IP and ZTEM geophysical anomalies. The E-W trending Southern IP anomaly identified during the 1988 geophysical survey which is coincident with the Cu-Mo-Pb +/- Zn soil enrichment to the NE, is a strong drill target. Drilling from the road cut where Mo-Cu mineralization was seen in outcrop is also recommended. Several drill holes should be placed in the Southern IP anomaly where it is located within the area of strong mineralization discovered during this year's prospecting on the west side of the Wilson Zone and the N-S fault.

It is further recommended that a property wide compilation of historical results is continued to be compiled into a unified data base. The compiled historical data will aid in the identification of potential drill targets based on the compiled geochemical, geophysical, and geological data sets.

Respectfully submitted,

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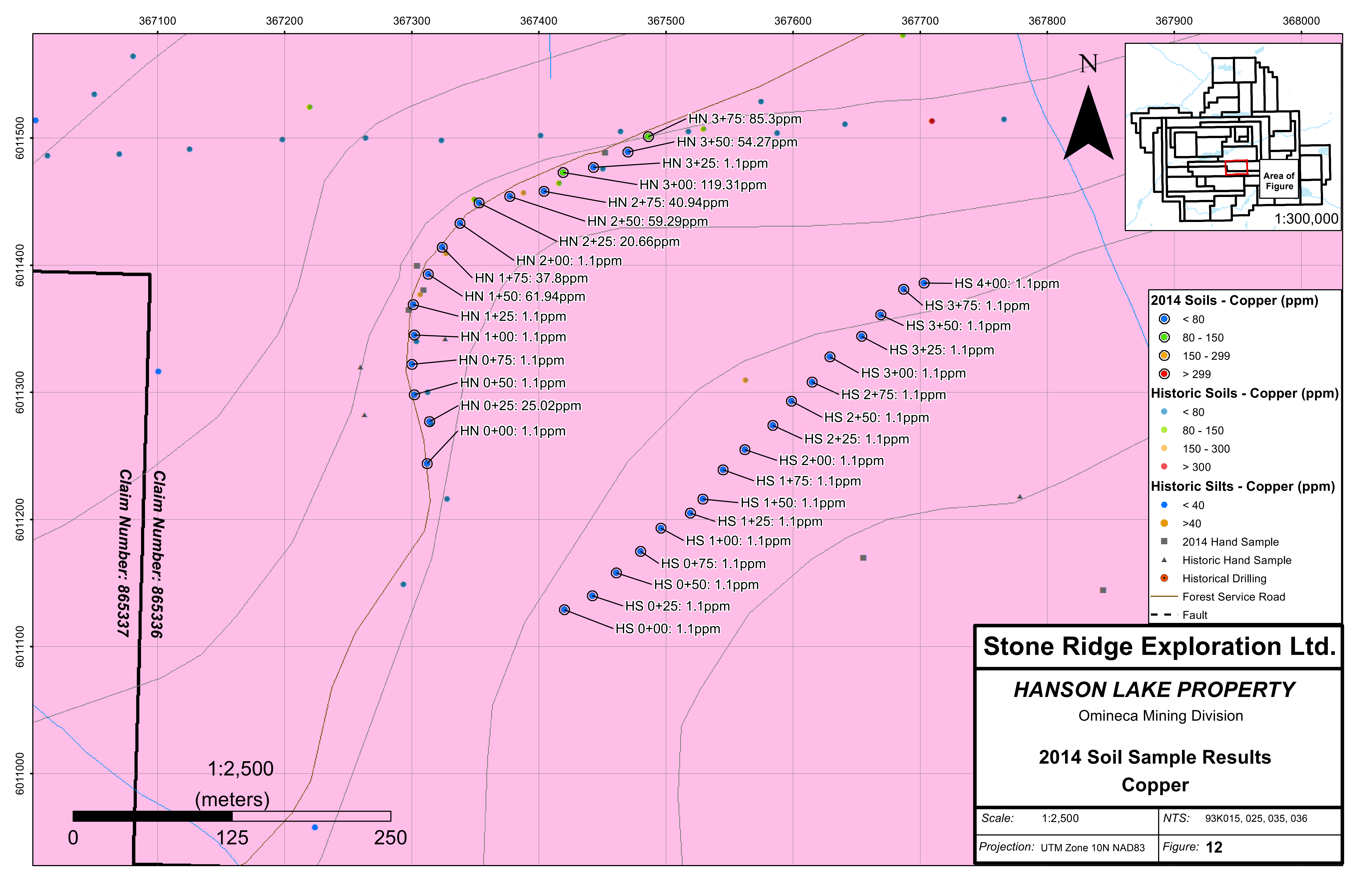
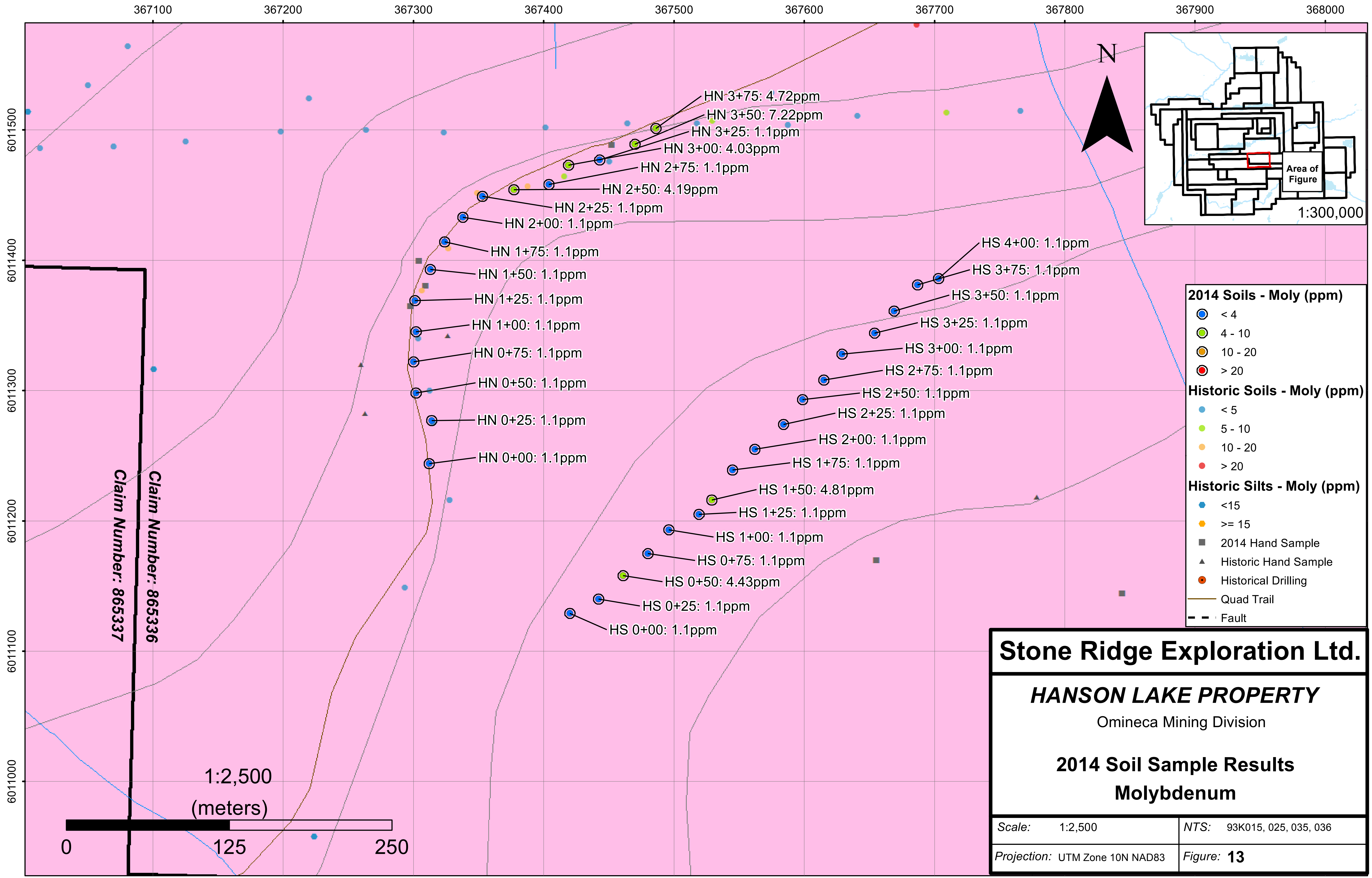
COAST MOUNTAIN GEOLOGICAL LTD.

July 17, 2014


Stone Ridge Exploration Ltd.
HANSON LAKE PROPERTY
Omineca Mining Division
2014 Soil Sample Results
Copper
Scale: 1:2,500
NTS: 93K015, 025, 035, 036
Projection: UTM Zone 10N NAD83
Figure: 12
2014 Soils - Copper (ppm)
< 80
80 - 150
150 - 299
> 299
Historic Soils - Copper (ppm)
< 80
80 - 150
150 - 300
> 300
Historic Silts - Copper (ppm)
< 40
>40
2014 Hand Sample
Historic Hand Sample
Historical Drilling
Forest Service Road
Fault
Area of Figure
1:300,000
N
1:2,500
(meters)
0
125
250
Claim Number: 865337
Claim Number: 865336
HN 3+75: 85.3ppm
HN 3+50: 54.27ppm
HN 3+25: 1.1ppm
HN 3+00: 119.31ppm
HN 2+75: 40.94ppm
HN 2+50: 59.29ppm
HN 2+25: 20.66ppm
HN 2+00: 1.1ppm
HN 1+75: 37.8ppm
HN 1+50: 61.94ppm
HN 1+25: 1.1ppm
HN 1+00: 1.1ppm
HN 0+75: 1.1ppm
HN 0+50: 1.1ppm
HN 0+25: 25.02ppm
HN 0+00: 1.1ppm
HS 4+00: 1.1ppm
HS 3+75: 1.1ppm
HS 3+50: 1.1ppm
HS 3+25: 1.1ppm
HS 3+00: 1.1ppm
HS 2+75: 1.1ppm
HS 2+50: 1.1ppm
HS 2+25: 1.1ppm
HS 2+00: 1.1ppm
HS 1+75: 1.1ppm
HS 1+50: 1.1ppm
HS 1+25: 1.1ppm
HS 1+00: 1.1ppm
HS 0+75: 1.1ppm
HS 0+50: 1.1ppm
HS 0+25: 1.1ppm
HS 0+00: 1.1ppm
367100
367200
367300
367400
367500
367600
367700
367800
367900
368000
6011500
6011400
6011300
6011200
6011100
6011000


Stone Ridge Exploration Ltd.
HANSON LAKE PROPERTY
Omineca Mining Division
2014 Soil Sample Results
Molybdenum
Scale: 1:2,500
NTS: 93K015, 025, 035, 036
Projection: UTM Zone 10N NAD83
Figure: 13
1:2,500
(meters)
0
125
250
N
Area of Figure
1:300,000
2014 Soils - Moly (ppm)
< 4
4 - 10
10 - 20
> 20
Historic Soils - Moly (ppm)
< 5
5 - 10
10 - 20
> 20
Historic Silts - Moly (ppm)
<15
>= 15
2014 Hand Sample
Historic Hand Sample
Historical Drilling
Quad Trail
Fault
Claim Number: 865337
Claim Number: 865336
HN 3+75: 4.72ppm
HN 3+50: 7.22ppm
HN 3+25: 1.1ppm
HN 3+00: 4.03ppm
HN 2+75: 1.1ppm
HN 2+50: 4.19ppm
HN 2+25: 1.1ppm
HN 2+00: 1.1ppm
HN 1+75: 1.1ppm
HN 1+50: 1.1ppm
HN 1+25: 1.1ppm
HN 1+00: 1.1ppm
HN 0+75: 1.1ppm
HN 0+50: 1.1ppm
HN 0+25: 1.1ppm
HN 0+00: 1.1ppm
HS 4+00: 1.1ppm
HS 3+75: 1.1ppm
HS 3+50: 1.1ppm
HS 3+25: 1.1ppm
HS 3+00: 1.1ppm
HS 2+75: 1.1ppm
HS 2+50: 1.1ppm
HS 2+25: 1.1ppm
HS 2+00: 1.1ppm
HS 1+75: 1.1ppm
HS 1+50: 4.81ppm
HS 1+25: 1.1ppm
HS 1+00: 1.1ppm
HS 0+75: 1.1ppm
HS 0+50: 4.43ppm
HS 0+25: 1.1ppm
HS 0+00: 1.1ppm
367100
367200
367300
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6011300
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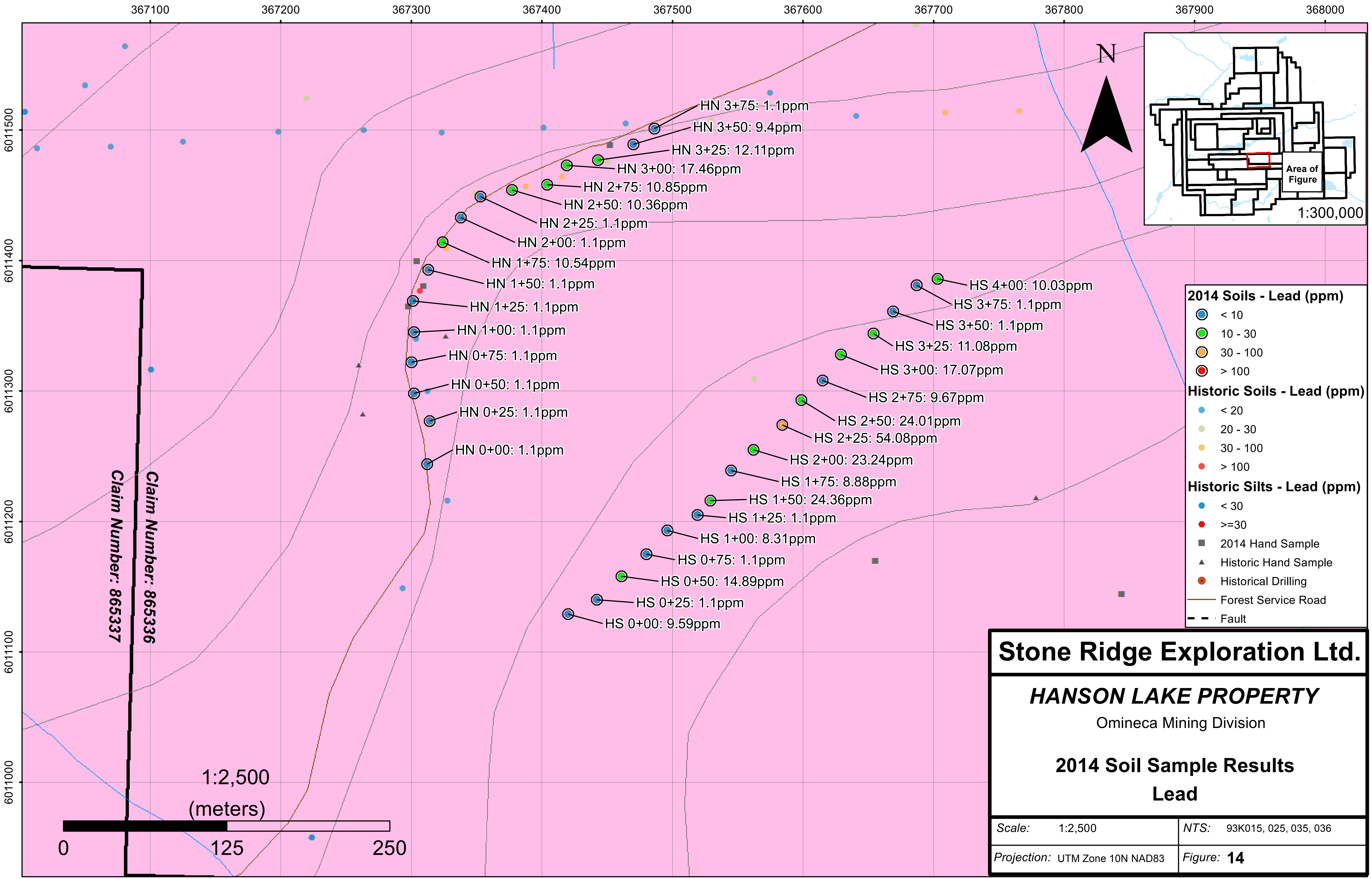
6011100
6011000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367200
367300
367400
367500
367600
367700
367800
367900
368000
6011500
6011400
6011300
6011200
6011100
6011000
HN 3+75: 1.1ppm
HN 3+50: 9.4ppm
HN 3+25: 12.11ppm
HN 3+00: 17.46ppm
HN 2+75: 10.85ppm
HN 2+50: 10.36ppm
HN 2+25: 1.1ppm
HN 2+00: 1.1ppm
HN 1+75: 10.54ppm
HN 1+50: 1.1ppm
HN 1+25: 1.1ppm
HN 1+00: 1.1ppm
HN 0+75: 1.1ppm
HN 0+50: 1.1ppm
HN 0+25: 1.1ppm
HN 0+00: 1.1ppm
HS 4+00: 10.03ppm
HS 3+75: 1.1ppm
HS 3+50: 1.1ppm
HS 3+25: 11.08ppm
HS 3+00: 17.07ppm
HS 2+75: 9.67ppm
HS 2+50: 24.01ppm
HS 2+25: 54.08ppm
HS 2+00: 23.24ppm
HS 1+75: 8.88ppm
HS 1+50: 24.36ppm
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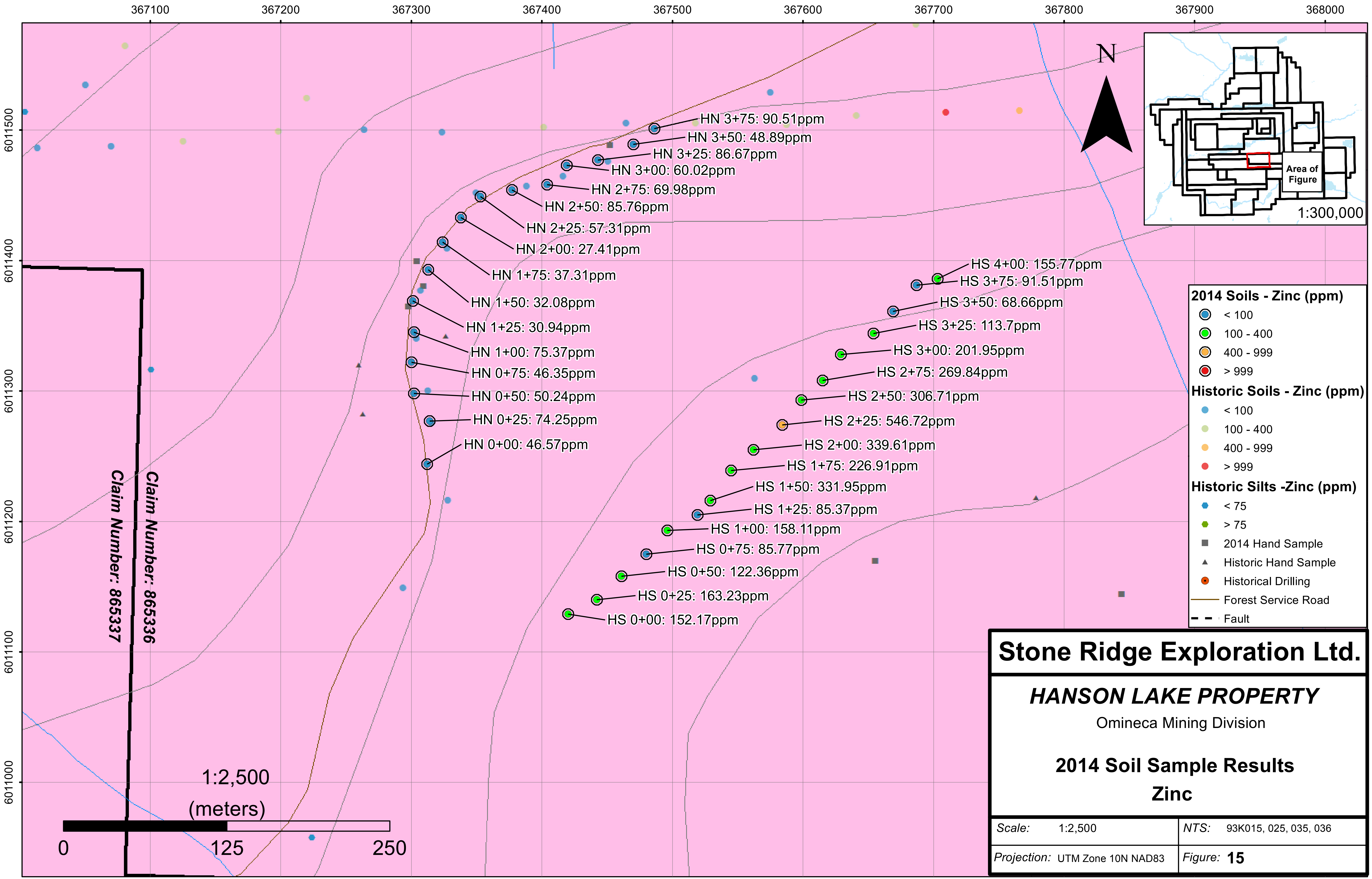
HS 0+25: 1.1ppm
HS 0+00: 9.59ppm
Claim Number: 865337
Claim Number: 865336
N
Area of Figure
1:300,000
2014 Soils - Lead (ppm)
< 10
10 - 30
30 - 100
> 100
Historic Soils - Lead (ppm)
< 20
20 - 30
30 - 100
> 100
Historic Silts - Lead (ppm)
< 30
>=30
2014 Hand Sample
Historic Hand Sample
Historical Drilling
Forest Service Road
Fault
1:2,500
(meters)
0
125
250
Stone Ridge Exploration Ltd.
HANSON LAKE PROPERTY
Omineca Mining Division
2014 Soil Sample Results
Lead
Scale: 1:2,500
NTS: 93K015, 025, 035, 036
Projection: UTM Zone 10N NAD83
Figure: 14



367100
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6011500
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6011200
6011100
6011000
N
Area of Figure
1:300,000
HN 3+75: 90.51ppm
HN 3+50: 48.89ppm
HN 3+25: 86.67ppm
HN 3+00: 60.02ppm
HN 2+75: 69.98ppm
HN 2+50: 85.76ppm
HN 2+25: 57.31ppm
HN 2+00: 27.41ppm
HN 1+75: 37.31ppm
HN 1+50: 32.08ppm
HN 1+25: 30.94ppm
HN 1+00: 75.37ppm
HN 0+75: 46.35ppm
HN 0+50: 50.24ppm
HN 0+25: 74.25ppm
HN 0+00: 46.57ppm
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HS 3+50: 68.66ppm
HS 3+25: 113.7ppm
HS 3+00: 201.95ppm
HS 2+75: 269.84ppm
HS 2+50: 306.71ppm
HS 2+25: 546.72ppm
HS 2+00: 339.61ppm
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HS 1+50: 331.95ppm
HS 1+25: 85.37ppm
HS 1+00: 158.11ppm
HS 0+75: 85.77ppm
HS 0+50: 122.36ppm
HS 0+25: 163.23ppm
HS 0+00: 152.17ppm
Claim Number: 865337
Claim Number: 865336
1:2,500
(meters)
0
125
250
2014 Soils - Zinc (ppm)
< 100
100 - 400
400 - 999
> 999
Historic Soils - Zinc (ppm)
< 100
100 - 400
400 - 999
> 999
Historic Silts -Zinc (ppm)
< 75
> 75
2014 Hand Sample
Historic Hand Sample
Historical Drilling
Forest Service Road
Fault
Stone Ridge Exploration Ltd.
HANSON LAKE PROPERTY
Omineca Mining Division
2014 Soil Sample Results
Zinc
Scale: 1:2,500
NTS: 93K015, 025, 035, 036
Projection: UTM Zone 10N NAD83
Figure: 15

9.0 SUMMARY OF EXPENDITURES

PROJECT EXPENSES:

Mob/Demob: Meals		$ 124.28
Room/Board: (28 May-2 June – 18 mandays) (~$131.75/manday)		$ 2,371.64
Fuel		$ 830.47
Field Supplies (sample bags, tags, flagging etc)		$ 239.98
Freight		$ 33.11
Assays (Acme)		$ 750.36
XRF Soil Sample Analysis	33 @ $7.35/sample	$ 242.55
Spot Tracker Rental	6 @ $4.20/day	$ 25.20
Field Gear Rental (GPS etc)	18 @ $15.75/manday	$ 283.50
4x4 Truck Rental	6 @ $157.50/day	$ 945.00

PERSONNEL: (20 May – June 10, 2014 / Field: 28 May – 2 June, 2014)

R. Kemp, P. Geo/Mgr	26 May – June 10	9 @ $815/day	$ 7,335.00
N. Struyk, Sr. Geo	20 May – June 10	8.75 @ $735/day	$ 6,431.25
K. Graaber, Geotech	26 May – June 2	8 @ $475/day	$ 3,800.00
GIS Tech	20 May – June 10	95 @ $78.75/hr	$ 7,481.25
		TOTAL	**$30,893.59**

PROJECT ACTIVITY TIMELINE:

GIS Database analysis and interpretation	20 May – 26 May, 2014
Project Prep	26 May – 27 May, 2014
Field Program	28 May – 2 June, 2014
Analysis, interpretation, reporting	3 June – 10 June, 2014

STATEMENT OF QUALIFICATIONS

I, Nicola M. Struyk, P.Geo., of Vancouver, BC do hereby certify that:

1. I graduated with a B.Sc. (Honours) degree in Earth and Ocean Sciences and Geography from the University of Victoria in 2005.

2. I have practiced my profession for 8 years. This experience includes primarily precious and base metal exploration in Yukon Territory, British Columbia, Alaska and Sweden.

3. I am currently under the employ of Coast Mountain Geological Ltd.

4. I am the co-author and am, in part, responsible for the preparation of the report titled "2014 Prospecting and Soil Geochemistry of the Hanson Property " dated July 15, 2014

5. I am a member in good standing with the following professional associations:
   -Association of Professional Engineers and Geoscientists of British Columbia (Member No. 37002)
   -Society of Economic Geologists

6. To the best of my knowledge, information and belief, this report contains all the scientific and technical information that is required to be disclosed to make this report not misleading.

7. I hold no interest, directly or indirectly in the Hanson Property or any surrounding properties, and have no agreements, arrangements or understandings with the property owner.

Date this 17 day of July, 2014

____

Nicola Struyk

I, Richard Kemp, P.Geo., of North Vancouver, British Columbia do hereby certify that:

1. I reside at 2769 William Ave, North Vancouver, British Columbia, Canada, V7K 1Z4.

2. I am a graduate from Lakehead University, Thunder Bay, Ontario with a B.Sc Geology degree (1981), and I have practiced my profession continuously since that time.

3. I am a member of the Association of Professional Engineers and Geoscientists of BC.

4. I have practiced my profession as a geologist for 33 years. I have actively explored for base and precious metal porphyry style deposits since 1982.

5. I am currently employed by Coast Mountain Geological Ltd.

6. I worked on the Hanson Project from May 28 to June 2, 2014 and I am the co-author, in part, responsible for the preparation of this report entitled "2014 Prospecting and Soil Geochemistry of the Hanson Property" dated July 17, 2014.

7. To the best of my knowledge, information and belief, this report contains all the scientific and technical information that is required to be disclosed to make this report not misleading.

8. I hold no interest, directly or indirectly in the Hanson Property or any surrounding properties, and have no agreements, arrangements or understandings with the property owner.

Dated this 17 day of July, 2014

____

Richard Kemp

REFERENCES

Ainsworth, B., 1992. Report on Prospecting, Mapping and Reconnaissance Geochemistry, Hanson Lake Project, B.C. Ministry of Energy and Mines, Assessment Report 22499, 24 pages.

Allen, D.G., 1970. Hanson Lake Molybdenite Prospect, B.C. Ministry of Energy and Mines, Assessment Report 2931, 42 pages.

Bickerton, L., Colpron, M., and Gibson, D., 2013. Cache Creek terrane, Stikinia, and overlap assemblages of eastern Whitehorse (NTS 105D) and western Teslin (NTS 105C) map areas. *In* Yukon Exploration and Geology 2012, K.E. MacFarlane, M.G. Nordling, and P.J. Sack (eds.), Yukon Geological Survey, p. 1-17

Bissig, T., 2012. Geology of the Quest BC area: regional setting and ore deposit models. MDRU, UBC, Geoscience BC. Presentation at 2012 Kamloops Exploration Group conference.

Bysouth, G.D., 1972. Report on the Hanson Lake Drilling Project, 1972, Hanson Lake Area, B.C., internal Endako Mines report, 10 pages.

Bysouth, G.D., 1973. Geochemical Report: Fir 1 Group of Mineral Claims, B.C. Ministry of Energy and Mines, Assessment Report 4282, 17 pages.

Bysouth, G.D., 2007. Geochemical Survey Report on the Hanson Lake Mineral Claims, B.C. Ministry of Energy and Mines, Assessment Report 29154, 30 pages.

Carlson, G., 2013. York Structural Study. *Appendix In* Chapman, J., 2013. Geochemical, Geological and Surface Prospecting of the York Property, Central British Columbia, Canada. B.C. Ministry of Energy and Mines, Unreleased Assessment Report, 82 pages.

Cannon, R.W., 1973. Induced Polarization and Resistivity Survey on the Han 1, Han 15, Han 53, Hand 57, Han 135, Fir ` and Firs 17 Groups of Mineral Claims, B.C. Ministry of Energy and Mines, Assessment Report 4758, 32 pages.

Carter, N.C. 1976. Regional Setting of Porphyry Deposits In West-Central British Columbia. *In* Porphyry deposits of the Canadian Cordillera. *Edited by* A. Sutherland-Brown. Canadian Institute of Mining and Metallurgy, Special Vol. 15, pp. 227–238.

Chapman, J.A. 1992. Mineral Deposit Discovery Potential, Hanson Lake Project, Omineca Mining Division, British Columbia; Unpublished Report for Cazador Explorations Limited, 1992.

Cross, J. 2013. 2013 Structural Analysis of the Hanson Property, Central British Columbia, Canada, Ministry of Energy and Mines, Assessment Report 34087.

Cyr, J., 1973. Soil Geochemical Report, Tri Group of Mineral Claims, B.C. Ministry of Energy and Mines, Assessment Report 4704, 17 pages.

Hrudey, M.G., Struik, L.C. and Whalen, J.B., 1999. Geology of the Taltapin Lake map area, central British Columbia; in Current Research 1999-A: Geological Survey of Canada, p. 85-96.

Jenkins, D.M., 1989. Geochemical and Geophysical Program, Hanson Lake project, B.C. Ministry of Energy, Mines and Petroleum Resources, Assessment Report 18398, 122 pages.

Jenkins, D.M., 1993. Report on Prospecting and Geochemical Sampling, Hanson Lake Project, Miss J, Mrs J, Mrs A and Ben claims, B.C. Ministry of Energy and Mines, Assessment Report 23042, 40 pages.

Kimura, E.T., 1972. Geochemical and Geophysical Report, Fir, Han, Jus, Lena and Show Groups of Mineral Claims, B.C. Ministry of Energy and Mines, Assessment Report 3645, 34 pages.

Kimura, E.T., 1973. Soil Geochemical Report, Han 135 Group of Mineral Claims, B.C. Ministry of Energy and Mines, Assessment Report 4284, 18 pages.

Kimura, E.T., 1973a. Soil Geochemical Report, Jus 1 and 70 Groups of Mineral Claims, B.C. Ministry of Energy and Mines, Assessment Report 4286, 19 pages.

Kimura, E.T., 1978. Diamond Drilling Report for EndEx Mineral Claims, B.C. Ministry of Energy and Mines, Assessment Report, 6664, 32 pages.

Kimura, E.T., 1979. Diamond Drilling Report for EndEx Mineral Claims, B.C. Ministry of Energy and Mines, Assessment Report 7190, 37 pages.

Kimura, E.T., Bysouth, G.D., and Drummond, A.D. 1976. Endako. *In* Porphyry deposits of the Canadian Cordillera. *Edited by* A. Sutherland-Brown. Canadian Institute of Mining and Metallurgy, Special Vol. 15, pp. 444–454.

Koyanagi, V.M., 2005. Hanson Lake Exploration Project, B.C. Ministry of Energy and Mines, Assessment Report 27865, 26 pages.

Logan, J., 2011. Stikine Terrane Cu, Cu-Au & Mo Porphyry Deposits. Exploration Undercover Workshop. *Presentation by* BC Geological Survey (BCGS).

MacIntyre, D.G., 2012. Airborne ZTEM and Aeromagnetic Geophysical Survey of the Hanson Property, Central British Columbia, Canada, Assessment Report 33278, 93 pages.

Massey, N.W.D., MacIntyre, D.G., Desjardins, P.J., and Cooney, R.T., 2005. Digital Geology Map of British Columbia: Tile NN10 Central B.C. Ministry of Energy and Mines, Geofile 2005-6.

Sadlier-Brown, T.L., 1995. A Report on a Diamond Drilling Program on the Clea Mineral Claim, Hanson Lake Property, internal report for Columbia Yukon Resources Ltd., 32 pages.

Schiarizza, P., and MacIntyre, D., 1999. Geology of the Babine Lake –Takla Lake Area, Central British Columbia (93K/11, 12, 13, 14; 93N/3, 4, 5, 6). British Columbia Geological Survey Branch contribution to the Nechako NATMAP Project.

Souther, J.G., and Armstrong, J.E., 1966. North central Belt of the Cordillera of British Columbia. *In* Tectonic History and Mineral Deposits of the Western Cordillera. Canadian Institute of Mining and Metallurgy, Special Vol. 8, pp. 171–184.

Struik, L.C., 1998. Bedrock geology of the Fraser Lake (93K/SE) map area, British Columbia; Geological Survey of Canada, Open File 3559, scale 1:100,000.

Struik, L.C., Whalen, J.B., Letwin, J.M. and L'Heureux, R., 1997. General geology of southeast Fort Fraser map area, central British Columbia, *In* Current Research 1997-A; Geological Survey of Canada, p. 65-76.

Struik, L.C., MacIntyre, D.G. and Williams, S.P. 2007: Nechako NATMAP project: A Digital Suite of Geoscience Information for Central British Columbia; B.C. Ministry of Energy, Mines and Petroleum Resources, Open File 2007-10.

Thornton, J., 1972. Induced Polarization and Resistivity Survey on the Han 1, Han 15, Han 53, Han 57, Han 94, Fir ` and Fir 17 Claim Groups, B.C. Ministry of Energy and Mines, Assessment Report 4283, 35 pages.

Twyman, M.P., 1990. Hanson Lake Project Geochemical/Geophysical/Trenching Program, B.C. Ministry of Energy and Mines, Assessment Report 19649, 125 pages.

Twyman, M.P., 1991. Hanson Lake Project Diamond Drilling Program, B.C. Ministry of Energy and Mines, Assessment Report 21187, 39 pages.

Whalen, J.B., L.C. Struik and M.G. Hrudey, 1998. Bedrock Geology of the Endako Map Area, central British Columbia; in Current Research, 1998A; Geological Survey of Canada, pp.113-123.

Whalen, J.B., Anderson, R.G., Struik, L.C. and Villeneuve, M.E., 2001. Geochemistry and Nd isotopes of the Francois Lake plutonic suite, Endako batholith: host and progenitor to the Endako molybdenum camp, central British Columbia; Canadian Journal of Earth Sciences, Volume 38, p. 603-618.

APPENDIX I

ROCK DESCRIPTIONS

Sample	Easting	Northing	Sampler	Date	Description
NS-2014-01	367452	6011489	N.S.	30-May-14	Subcrop on side of road, rusty, bleached intrusive; super siliceous; qtz-eye intrusive, feldspar,; weak porphyritic appearance; smokey qtz, 1% euhedral pyrite, trace moly, occasional pale green to yellow colouration
NS-2014-02	368566	6011992	N.S.	30-May-14	Float in roadcut. Moderately fresh looking granodiorite with plagioclase, qtz, 5% biotite, trace moly, mn hb (1%), mod rusty, white to creamy colour, minor chlorite alteration
NS-2014-03	367304	6011400	N.S.	30-May-14	Outcrop on side of quad trail; o/c is ~20m E-W cut into roadcut; bleached powedery white to tan coloured intrusive with diss. Sulphides, qtz eyes, friable, siliceous, feldspars are pinky, chlorite altered zones with less sulphides; minor moly, 1% pyrite in bleached coloured material. Epidote seen locally. Sample NS 2014-03 and 04 are taken at same location. NS2014-03 is felsic material, NS 2014-04 is mafic.
NS-2014-04	367304	6011400	N.S.	30-May-14	Outcrop on side of quad trail; o/c is ~20m E-W cut into roadcut; bleached powedery white to tan coloured intrusive with diss. Sulphides, qtz eyes, friable, siliceous, feldspars are pinky, chlorite altered zones with less sulphides; minor moly, 1% pyrite in bleahced coloured material. Epidote seen locally. Weakly magnetic, feldspars are euhedral in mafic material, anhedral in bleached Sample NS 2014-03 and 04 are taken at same location. NS2014-03 is felsic material, NS 2014-04 is mafic.
27867	367298	6011365	R.K.	30-May-14	Grab, side of road cut. Qtz Monzonite float. Wkly gossanous. 0.5% dissem Py.
27868	367298	6011365	R.K.	30-May-14	Grab, side of road cut. Qtz Monzonite float. strongly gossanous. 5% dissem to fracture healed Py.
27869	367309	6011381	R.K.	30-May-14	Same As Above description.
NS-2014-05	367655	6011170	N.S.	31-May-14	Float in clearing. Aphanitic, pale greeny-white/grey siliceous, hard. Moderately sugary texture, disseminated euhedral pyrite grains <1mm, pale green wash over rock. Rust around pyrite grains due to weathering
NS-2014-06	368047	6011234	N.S.	31-May-14	Dark greeen-orange-brown, qtz-bt-feldspar-chl-porphyry boulder, very rusty, non-magnetic, phenos 1-3mm, trace euhedral pyrite and a silvery disseminated sulphide, feldspar are dk grey to green and red. Qtz is dark grey to red.
NS-2014-07	367844	6011145	N.S.	31-May-14	Monzonite to qtz-monzontie, white to cream coloured kspar phenos, very little qtz, bt altering to chl (15%), mn epidote. Dissminated moly and magnetite throughout. Slightly rusty, siliceous, located on an old drill pad, weakly magnetic, looks relatively unaltered, pinky feldspar phenos ~0.5mm, outcrop to subcrop.
NS-2014-08	367804	6011170	N.S.	31-May-14	The samples with moly seem to have less mafics, less biotite, l;ess rusty, magnetie is specular, blebby and dissminated, feldspar phenos are larger
NS-2014-09	367772	6011089	N.S.	31-May-14	Med grain qtz-monzonite bt-hb v. Little chl, rusty, trace diss py and moly, smoky qtz crystals, hard, siliceous, mod-weak magnetite
27870	367776	6011100	R.K.	31-May-14	Grab, Qtz Monz float. Gossanous. 0.5% Pyrite healed fractures and finely dissem through matrix. Sphalerite?
27871	367815	6011109	R.K.	31-May-14	Grab, Qtz Monz Float. Gossanous orange-tan coloration on fract'd surfaces. Very fg dissem Py <1% dissem.
27873	368428	6011335	R.K.	31-May-14	Grab, subcrop Qtz Monz. Rare scattered gossanous float. Wk sericite/epidote alt'n. 5% med to cg pyrite dissem and fracture healed.
NS-2014-10	368603	6010997	N.S.	01-Jun-14	Angular float/ SC, grey to cream coloured qtz-feldspar porphyry, 5% diss pyrite, v.fine grained, opaque med grey matrix, white to pale orange feldspar phenos 0.2-0.7cm, hard, non-magnetic, Depends on sample: mn musc, mn biotite-mostly chl altered
27874	368165	6010925	R.K.	01-Jun-14	Grab, Qtz Monz Float. Gossanous with trace pyrite and possible cpy and specular hematite.
27875	368414	6010941	R.K.	01-Jun-14	Grab, possible Diorite or finer grained monzonite, gossanous with sugary texture hosting <0.5% fg pyrite dissem in matrix

APPENDIX II

2014 ROCK RESULTS

AcmeLabs™
A Bureau Veritas Group Company

www.acmelab.com

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 CANADA

Submitted By:	Nicola Struyk
Receiving Lab:	Canada-Vancouver
Received:	June 04, 2014
Report Date:	June 17, 2014
Page:	1 of 2

CERTIFICATE OF ANALYSIS VAN14001758.1

CLIENT JOB INFORMATION

Project:	Hanson
Shipment ID:	HAN2014-01
P.O. Number	
Number of Samples:	16

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
BAT01	1	Batch charge of <20 samples			VAN
PRP70-250	16	Crush, split and pulverize 250 g rock to 200 mesh			VAN
MA200	16	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN
DRPLP	16	Warehouse handling / disposition of pulps			VAN
DRRJT	15	Warehouse handling / Disposition of reject			VAN

ADDITIONAL COMMENTS

Invoice To: Coast Mountain Geological
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9
CANADA

CC: Chris Basil
Rick Kemp

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Geochemical Laboratory Manager

AcmeLabs™
A Bureau Veritas Group Company

www.acmelab.com

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 CANADA

Project: Hanson
Report Date: June 17, 2014

CERTIFICATE OF ANALYSIS VAN14001758.1

	Method	WGHT	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.001
NS2014-01	Rock	1.25	2.5	10.3	12.0	5	0.2	0.6	0.5	53	1.14	8	4.5	19.6	299	0.1	0.1	3.6	9	0.20	0.044
NS2014-03	Rock	1.15	0.7	26.2	14.8	38	0.3	5.7	5.0	428	2.19	5	3.1	16.2	565	0.1	0.4	0.7	50	1.75	0.086
NS2014-04	Rock	1.18	0.4	5.7	10.2	26	<0.1	5.0	2.7	472	1.96	1	3.7	13.4	498	<0.1	0.3	0.3	47	1.49	0.080
NS2014-05	Rock	0.59	2.5	4.3	73.4	50	0.5	0.7	0.3	153	1.11	10	4.7	10.4	113	0.1	8.6	0.8	6	0.05	0.006
NS2014-06	Rock	0.25	0.5	21.4	8.1	298	<0.1	4.4	10.4	1713	3.37	4	3.6	6.0	512	8.0	3.6	<0.1	81	2.51	0.150
NS2014-07	Rock	1.04	0.5	2.8	16.9	83	<0.1	5.4	6.1	594	2.12	<1	2.0	12.1	535	0.6	0.3	<0.1	49	1.57	0.080
NS2014-09	Rock	0.33	0.6	7.5	16.3	37	<0.1	5.7	4.3	393	1.95	1	3.1	17.4	562	0.1	<0.1	0.2	44	1.86	0.091
NS2014-10	Rock	0.99	3.2	23.0	8.9	36	0.3	5.5	6.3	357	2.75	5	4.2	11.1	496	0.3	0.3	0.3	57	1.08	0.113
27867	Rock	0.80	1.6	42.6	58.0	19	2.2	2.2	1.7	133	1.53	12	2.6	9.5	289	0.1	0.4	8.4	35	0.38	0.048
27868	Rock	0.74	1.5	641.3	31.0	82	16.0	2.8	3.9	287	3.66	4	2.4	8.2	254	0.3	0.3	35.6	45	0.30	0.073
27869	Rock	1.62	5.3	107.6	39.5	24	3.3	2.1	1.6	122	1.91	4	2.5	8.4	291	0.2	0.4	14.9	42	0.27	0.069
27870	Rock	0.60	1.1	10.5	11.8	29	0.2	3.0	2.0	343	2.80	<1	4.0	14.6	524	<0.1	0.2	2.3	60	1.62	0.129
27871	Rock	0.97	0.6	10.0	9.8	34	0.2	5.4	10.8	211	2.91	3	4.7	10.3	433	<0.1	0.2	5.9	61	1.04	0.117
27873	Rock	1.03	444.7	186.7	468.3	1198	10.6	12.3	10.5	2402	4.12	24	1.4	1.7	281	12.4	1.4	6.3	132	0.60	0.131
27874	Rock	1.16	2.6	36.5	14.1	42	0.4	3.6	3.2	202	2.46	2	3.7	11.2	468	<0.1	0.1	3.3	58	1.18	0.124
27875	Rock	0.86	51.2	10.7	545.3	45	5.5	1.9	1.6	462	2.45	101	1.8	5.8	36	0.3	25.6	0.3	71	0.07	0.052

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Project: Hanson
Report Date: June 17, 2014

CERTIFICATE OF ANALYSIS VAN14001758.1

	Method	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li	S	Rb
	Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	MDL	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1	0.1	0.1
NS2014-01	Rock	12.5	2	0.05	670	0.060	5.91	2.658	3.58	6.4	46.0	22	0.4	2.8	10.1	0.8	2	1	6.5	0.1	116.0
NS2014-03	Rock	33.6	7	0.49	1545	0.292	8.99	3.341	2.79	1.4	8.8	66	1.4	16.3	11.9	0.9	2	5	13.4	<0.1	72.5
NS2014-04	Rock	31.3	6	0.64	1385	0.259	8.84	3.427	2.61	2.3	10.4	60	1.2	13.8	11.5	0.8	1	5	11.1	<0.1	92.4
NS2014-05	Rock	11.9	2	0.12	1728	0.057	6.28	0.190	4.67	2.6	79.8	23	1.1	5.6	12.9	1.1	<1	1	6.1	<0.1	208.9
NS2014-06	Rock	17.4	6	0.39	1114	0.320	7.76	2.287	2.12	1.6	44.2	34	0.9	13.3	16.3	1.2	2	7	10.7	<0.1	73.8
NS2014-07	Rock	32.6	8	0.60	1532	0.265	8.57	3.044	2.63	0.8	14.8	62	1.1	13.5	11.9	0.9	2	5	13.7	<0.1	71.3
NS2014-09	Rock	30.3	4	0.49	1769	0.259	8.92	3.256	2.68	0.3	15.8	57	1.0	11.9	13.4	1.1	2	5	6.3	<0.1	93.5
NS2014-10	Rock	29.7	10	0.76	638	0.281	8.83	3.516	2.96	6.3	84.5	56	1.4	11.7	12.3	0.8	2	6	14.6	1.5	94.9
27867	Rock	21.3	5	0.26	1181	0.183	6.12	1.650	3.54	5.8	19.4	40	1.2	7.6	11.9	1.0	2	3	7.9	<0.1	152.2
27868	Rock	18.3	7	0.39	117	0.219	5.66	1.241	4.51	9.9	8.0	38	1.2	5.9	9.8	0.6	1	4	8.7	1.9	181.0
27869	Rock	22.2	5	0.21	1526	0.215	6.17	2.059	2.98	8.4	10.7	41	1.2	7.3	9.8	0.7	<1	4	5.3	0.5	138.7
27870	Rock	35.1	7	0.58	1754	0.245	9.24	3.600	2.30	4.9	12.7	68	1.9	13.0	9.6	0.8	3	6	8.7	0.2	78.4
27871	Rock	33.4	7	0.68	799	0.266	8.03	3.221	3.19	3.5	12.7	65	2.1	12.5	9.7	0.7	2	6	10.4	1.2	124.0
27873	Rock	8.2	25	1.24	679	0.449	7.37	1.576	3.56	6.0	3.8	18	1.0	7.8	5.4	0.3	<1	10	30.4	0.9	138.0
27874	Rock	34.7	8	0.53	1922	0.321	9.60	3.318	2.75	4.1	11.9	66	2.1	11.2	11.8	0.8	2	7	10.4	0.3	103.5
27875	Rock	10.8	6	0.27	272	0.159	3.99	0.055	2.41	4.9	45.7	20	0.8	4.0	6.6	0.5	1	3	43.9	1.2	148.7

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	Method	MA200	MA200	MA200	MA200	MA200	MA200
	Analyte	Hf	In	Re	Se	Te	Tl
	Unit	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.1	0.05	0.005	1	0.5	0.5
NS2014-01	Rock	2.2	<0.05	<0.005	<1	1.4	1.9
NS2014-03	Rock	0.5	0.07	<0.005	<1	<0.5	0.6
NS2014-04	Rock	0.5	0.10	<0.005	<1	<0.5	1.1
NS2014-05	Rock	2.9	0.06	<0.005	<1	<0.5	4.4
NS2014-06	Rock	1.6	0.06	<0.005	<1	<0.5	0.6
NS2014-07	Rock	0.6	<0.05	<0.005	<1	<0.5	0.7
NS2014-09	Rock	0.8	<0.05	<0.005	<1	0.7	1.0
NS2014-10	Rock	1.9	<0.05	<0.005	<1	0.8	1.6
27867	Rock	0.9	0.08	<0.005	<1	1.1	2.0
27868	Rock	0.4	0.20	<0.005	<1	1.0	2.2
27869	Rock	0.4	0.13	<0.005	<1	0.7	2.2
27870	Rock	0.5	0.25	<0.005	<1	0.8	1.2
27871	Rock	0.5	0.09	<0.005	<1	2.0	1.4
27873	Rock	0.2	0.18	0.160	<1	<0.5	2.8
27874	Rock	0.5	0.09	<0.005	<1	1.3	1.5
27875	Rock	1.3	<0.05	<0.005	<1	<0.5	2.7

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QUALITY CONTROL REPORT VAN14001758.1

	Method	WGHT	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.001
Pulp Duplicates																					
27873	Rock	1.03	444.7	186.7	468.3	1198	10.6	12.3	10.5	2402	4.12	24	1.4	1.7	281	12.4	1.4	6.3	132	0.60	0.131
REP 27873	QC		447.2	178.5	483.6	1182	10.6	12.5	11.0	2493	4.14	23	1.5	1.8	294	12.9	1.4	6.2	130	0.58	0.121
Reference Materials																					
STD OREAS25A-4A	Standard		3.1	36.0	26.6	48	<0.1	50.7	8.2	506	6.83	11	2.8	14.7	43	0.3	0.6	0.5	180	0.27	0.049
STD OREAS45E	Standard		2.3	800.4	18.7	45	0.3	486.4	60.6	571	24.97	17	2.5	12.2	12	<0.1	1.1	0.3	334	0.06	0.034
STD OREAS25A-4A			2.55	33.9	25.2	44.4		45.8	8.2	470	6.6		2.94	15.8	48.5		0.67	0.35	157	0.309	0.048
STD OREAS45E Expected			2.4	780	18.2	46.7	0.311	454	57	570	24.12	16.3	2.41	12.9	15.9	0.06	1	0.28	322	0.065	0.034
BLK	Blank		<0.1	0.3	0.2	2	<0.1	0.5	<0.2	<1	<0.01	<1	<0.1	<0.1	<1	<0.1	0.1	<0.1	<1	<0.01	<0.001
Prep Wash																					
G1	Prep Blank		0.2	2.5	20.7	56	<0.1	2.3	4.2	799	2.22	2	2.3	7.0	734	<0.1	<0.1	0.1	50	2.33	0.074
G1	Prep Blank		<0.1	2.6	23.0	54	<0.1	3.1	4.6	815	2.34	3	3.7	9.0	718	0.1	<0.1	0.1	50	2.42	0.081

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QUALITY CONTROL REPORT VAN14001758.1

	Method	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li	S	Rb
	Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	MDL	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1	0.1	0.1
Pulp Duplicates																					
27873	Rock	8.2	25	1.24	679	0.449	7.37	1.576	3.56	6.0	3.8	18	1.0	7.8	5.4	0.3	<1	10	30.4	0.9	138.0
REP 27873	QC	9.3	24	1.26	650	0.448	7.46	1.591	3.21	6.4	3.6	22	1.0	8.3	4.7	0.3	<1	12	29.1	0.9	133.8
Reference Materials																					
STD OREAS25A-4A	Standard	19.5	126	0.35	150	1.026	8.65	0.149	0.53	2.1	161.2	44	4.1	10.4	21.2	1.5	<1	13	39.2	<0.1	57.1
STD OREAS45E	Standard	9.3	953	0.16	252	0.547	6.79	0.058	0.36	1.0	101.6	21	1.4	7.5	6.2	0.5	<1	94	6.5	<0.1	21.1
STD OREAS25A-4A		21.8	115	0.327	147	0.977	8.87	0.134	0.482	2.1		48.9	4.06	12.3	22.4	1.6	1.02	13.7	36.7	0.051	61
STD OREAS45E Expected		11	979	0.156	252	0.559	6.78	0.059	0.324	1.07	97	23.5	1.32	8.28	6.8	0.54		93	6.58	0.046	21.2
BLK	Blank	<0.1	1	<0.01	2	<0.001	0.02	<0.001	<0.01	<0.1	0.2	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1	<0.1	0.2
Prep Wash																					
G1	Prep Blank	21.6	5	0.54	944	0.253	7.09	2.877	2.98	0.2	12.3	47	1.6	13.3	23.4	1.3	3	5	36.7	<0.1	113.9
G1	Prep Blank	26.3	6	0.59	977	0.262	8.80	2.801	2.90	0.3	13.7	56	1.6	15.4	26.6	1.7	3	6	42.2	<0.1	129.3

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	Method	MA200	MA200	MA200	MA200	MA200	MA200
	Analyte	Hf	In	Re	Se	Te	Tl
	Unit	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.1	0.05	0.005	1	0.5	0.5
Pulp Duplicates							
27873	Rock	0.2	0.18	0.160	<1	<0.5	2.8
REP 27873	QC	0.2	0.29	0.171	<1	<0.5	2.9
Reference Materials							
STD OREAS25A-4A	Standard	4.1	0.10	<0.005	2	<0.5	<0.5
STD OREAS45E	Standard	3.0	0.06	<0.005	2	<0.5	<0.5
STD OREAS25A-4A		4.53					0.35
STD OREAS45E Expected		3.11	0.099		2.97	0.1	0.09
BLK	Blank	<0.1	<0.05	<0.005	<1	<0.5	<0.5
Prep Wash							
G1	Prep Blank	0.6	<0.05	<0.005	<1	<0.5	1.1
G1	Prep Blank	0.9	<0.05	<0.005	<1	0.6	1.2

APPENDIX III

2014 SOIL XRF RESULTS

All XRF results presented in ppm.

Line	Station	Easting	Northing	Mo	Mo Error	Zr	Zr Error	Sr	Sr Error	U	U Error
HN	0+00	367312	6011244	< LOD	3.92	91.58	4.12	420.04	6.97	< LOD	7.45
HN	0+25	367314	6011277	< LOD	3.86	266.69	5.19	406.28	6.16	7.94	5.01
HN	0+50	367302	6011298	< LOD	3.69	138.07	4.18	361.97	5.98	< LOD	7.62
HN	0+75	367300	6011322	< LOD	3.47	112.95	3.55	216.07	4.47	7.89	4.33
HN	1+00	367302	6011345	< LOD	3.73	162.98	4.43	397.27	6.22	< LOD	7.76
HN	1+25	367301	6011369	< LOD	3.62	159.26	4.02	200.33	4.33	< LOD	7.98
HN	1+50	367313	6011393	< LOD	3.66	124.19	3.94	276.2	5.27	< LOD	8.49
HN	1+75	367324	6011414	< LOD	3.73	143.5	4.28	394.83	6.23	< LOD	8.28
HN	2+00	367338	6011433	< LOD	2.52	125.18	2.72	272.33	3.61	6.87	3.6
HN	2+25	367353	6011449	< LOD	3.65	147.71	4.31	355.41	6	10.2	4.94
HN	2+50	367377	6011454	4.19	2.69	200.76	4.88	346.77	6.04	< LOD	8.59
HN	2+75	367404	6011458	< LOD	3.74	115.87	4	341.44	5.91	9.2	5.91
HN	3+00	367419	6011473	4.03	2.56	131.24	4.25	388.96	6.34	< LOD	8.42
HN	3+25	367443	6011477	< LOD	3.79	145.46	4.28	342.11	5.9	< LOD	7.78
HN	3+50	367470	6011489	7.22	3.49	132.25	5.38	286.38	7.15	< LOD	9.05
HN	3+75	367486	6011501	4.72	2.71	297.58	5.4	340.98	5.71	16.86	4.78
HS	0+00	367420	6011129	< LOD	3.9	164.26	4.6	400.26	6.45	8.73	5.07
HS	0+25	367442	6011140	< LOD	4.17	123.84	4.43	260.68	5.81	< LOD	7.35
HS	0+50	367461	6011158	4.43	2.86	185.7	5.09	385.28	6.74	13.48	5.68
HS	0+75	367480	6011175	< LOD	4.13	114.9	4.48	406.67	7.06	< LOD	8.13
HS	1+00	367496	6011193	< LOD	4.33	159.94	4.99	373.75	6.89	< LOD	8.19
HS	1+25	367519	6011205	< LOD	3.54	129.83	4.14	412.09	6.33	< LOD	7.6
HS	1+50	367529	6011216	4.81	2.62	131.68	4.22	329.78	5.92	8.93	5.18
HS	1+75	367545	6011239	< LOD	3.42	121.93	3.76	312.29	5.3	< LOD	7.4
HS	2+00	367562	6011255	< LOD	2.45	109.59	2.7	401.56	4.29	9.57	3.46
HS	2+25	367584	6011274	< LOD	3.67	120.66	4.21	481.91	6.92	< LOD	7.99
HS	2+50	367597	6011597	< LOD	3.58	164.18	4.38	324.79	5.68	< LOD	7.44
HS	2+75	367615	6011308	< LOD	3.56	119.67	3.99	360.86	5.96	< LOD	8.09
HS	3+00	367629	6011328	< LOD	3.69	139.85	4.26	369.54	6.12	8.58	5.2
HS	3+25	367654	6011344	< LOD	3.49	125.94	3.89	314.34	5.44	12.14	5.02
HS	3+50	367669	6011361	< LOD	3.25	94.16	3.43	349.31	5.45	< LOD	6.58
HS	3+75	367687	6011381	< LOD	3.78	181.4	4.59	376.7	6.09	< LOD	7.81
HS	4+00	367703	6011386	< LOD	3.66	136.06	4.07	338.93	5.7	< LOD	7.66

Line	Station	Rb	Rb Error	Th	Th Error	Pb	Pb Error	Au	Au Error	Se	Se Error
HN	0+00	62.63	3.5	7.5	3.02	< LOD	5.94	< LOD	6.94	< LOD	3.68
HN	0+25	88.37	3.66	13.14	2.97	< LOD	5.45	< LOD	6.11	< LOD	3.4
HN	0+50	87.76	3.74	5.91	2.81	< LOD	5.87	< LOD	6.54	< LOD	3.37
HN	0+75	61.4	3.06	4.91	2.44	< LOD	4.82	< LOD	5.55	< LOD	3.22
HN	1+00	96.85	3.88	4.56	2.74	< LOD	5.64	< LOD	6.55	< LOD	3.37
HN	1+25	128.93	4.25	17.79	3.22	< LOD	5.57	< LOD	6.64	< LOD	3.41
HN	1+50	132.64	4.5	9.58	3.04	< LOD	5.29	< LOD	6.1	< LOD	3.26
HN	1+75	116.92	4.24	11.16	3.1	10.54	4.23	< LOD	6.5	< LOD	3.47
HN	2+00	102.34	2.76	7.7	2.02	< LOD	3.86	< LOD	4.59	< LOD	2.41
HN	2+25	68.74	3.43	< LOD	3.86	< LOD	5.56	< LOD	6.5	< LOD	3.43
HN	2+50	117.82	4.4	9.39	3.15	10.36	4.36	< LOD	7.34	< LOD	3.76
HN	2+75	137.95	4.65	7.44	3.07	10.85	4.34	< LOD	6.33	< LOD	3.65
HN	3+00	114.55	4.31	8.34	3.12	17.46	4.7	< LOD	6.88	< LOD	3.64
HN	3+25	101.66	4.02	< LOD	4.29	12.11	4.35	< LOD	6.6	< LOD	3.54
HN	3+50	56.41	4.15	< LOD	5.31	10.28	5.59	< LOD	9.28	< LOD	4.9
HN	3+75	53.92	3.07	8.26	2.76	< LOD	5.38	< LOD	6.57	< LOD	3.35
HS	0+00	72.46	3.56	4.96	2.84	9.59	4.24	< LOD	6.35	< LOD	3.37
HS	0+25	50.81	3.37	< LOD	4.14	< LOD	5.82	< LOD	7.54	< LOD	3.91
HS	0+50	79.2	3.97	< LOD	4.75	14.89	4.89	< LOD	6.96	< LOD	3.99
HS	0+75	72.84	3.86	< LOD	4.34	< LOD	5.88	< LOD	7.13	< LOD	3.89
HS	1+00	74.56	3.95	< LOD	4.57	8.31	4.59	< LOD	7.43	< LOD	3.85
HS	1+25	90.43	3.76	7.22	2.74	< LOD	5.71	< LOD	6.11	< LOD	3.28
HS	1+50	79.7	3.73	< LOD	4.34	24.36	5.08	< LOD	6.53	< LOD	3.57
HS	1+75	102.59	3.79	< LOD	3.68	8.88	3.88	< LOD	5.48	< LOD	3.04
HS	2+00	80.78	2.47	< LOD	2.68	23.24	3.32	< LOD	4.48	< LOD	2.39
HS	2+25	99.88	3.99	< LOD	4.45	54.08	6.23	< LOD	6.47	< LOD	3.49
HS	2+50	83.46	3.66	< LOD	4.19	24.01	4.87	< LOD	6.54	< LOD	3.28
HS	2+75	112.72	4.16	4.54	2.73	9.67	4.14	< LOD	6.65	< LOD	3.39
HS	3+00	88.3	3.81	6.99	2.95	17.07	4.62	< LOD	6.55	< LOD	3.58
HS	3+25	86.08	3.63	< LOD	3.94	11.08	4.09	< LOD	5.83	< LOD	3.13
HS	3+50	74.95	3.21	< LOD	3.36	< LOD	5.15	< LOD	5.63	< LOD	2.96
HS	3+75	97.13	3.9	5.85	2.76	< LOD	5.59	< LOD	6.43	< LOD	3.44
HS	4+00	99.52	3.88	10.96	2.99	10.03	4.11	< LOD	6.25	< LOD	3.27

Line	Station	As	As Error	Hg	Hg Error	Zn	Zn Error	W	W Error	Cu	Cu Error	Ni	Ni Error
HN	0+00	< LOD	4.9	< LOD	9.38	46.57	8.04	< LOD	39.16	< LOD	19.04	< LOD	36
HN	0+25	< LOD	4.51	< LOD	8.51	50.47	7.33	< LOD	34.2	18.81	11.79	< LOD	31.52
HN	0+50	< LOD	4.8	< LOD	8.54	50.24	7.46	< LOD	34.16	< LOD	16.77	< LOD	32.65
HN	0+75	4.48	2.78	< LOD	7.82	46.35	6.88	< LOD	31.59	< LOD	15.64	< LOD	31.77
HN	1+00	< LOD	4.58	8.98	5.74	75.37	8.33	< LOD	33.96	< LOD	16.88	< LOD	33.4
HN	1+25	< LOD	4.65	< LOD	8.22	30.94	6.4	< LOD	33.18	< LOD	16.22	< LOD	31.96
HN	1+50	< LOD	4.34	< LOD	8.37	32.08	6.79	< LOD	34.67	61.94	13.48	< LOD	33.49
HN	1+75	< LOD	4.93	< LOD	8.3	37.31	6.83	< LOD	33.51	37.8	11.5	104.72	22.82
HN	2+00	7.11	2.26	< LOD	5.97	27.41	4.51	< LOD	24.35	< LOD	11.75	< LOD	23.44
HN	2+25	< LOD	4.59	< LOD	8.35	57.31	7.73	< LOD	34.06	20.66	11.05	99.67	22.96
HN	2+50	8.36	3.74	< LOD	9.28	85.76	9.11	< LOD	37.68	59.29	12.87	121.45	24.41
HN	2+75	< LOD	5.26	< LOD	8.77	69.98	8.41	< LOD	36.19	40.94	13.06	< LOD	34.95
HN	3+00	< LOD	5.76	< LOD	8.99	60.02	8.13	< LOD	36.5	119.31	14.44	97.19	23.59
HN	3+25	< LOD	5.25	< LOD	8.45	86.67	8.85	< LOD	33.57	< LOD	17.89	< LOD	33.8
HN	3+50	< LOD	6.79	< LOD	13.21	46.5	10.44	< LOD	55.77	36.93	20.03	< LOD	49.51
HN	3+75	6.61	3.16	< LOD	8.71	90.51	8.92	< LOD	35.92	85.3	14	< LOD	33.18
HS	0+00	< LOD	5.09	< LOD	8.82	152.17	11.1	< LOD	37.02	< LOD	17.6	< LOD	34.12
HS	0+25	< LOD	5.01	< LOD	10.24	163.23	12.75	< LOD	43.23	< LOD	20.04	< LOD	37.14
HS	0+50	< LOD	5.95	< LOD	9.47	122.36	10.91	< LOD	39.39	< LOD	19.23	< LOD	37.74
HS	0+75	< LOD	5.03	< LOD	9.64	85.77	9.9	< LOD	41.42	< LOD	20.21	< LOD	37.39
HS	1+00	< LOD	5.59	< LOD	10.05	158.11	12.47	< LOD	40.96	< LOD	20.89	< LOD	38.5
HS	1+25	< LOD	4.52	< LOD	8.05	85.37	8.59	< LOD	33.31	< LOD	16.23	< LOD	33.58
HS	1+50	< LOD	6.27	< LOD	9.26	331.95	15.47	< LOD	37.88	< LOD	17.16	< LOD	33.27
HS	1+75	< LOD	4.67	< LOD	7.7	226.91	12.01	< LOD	32.98	< LOD	14.94	< LOD	30.01
HS	2+00	< LOD	3.91	< LOD	5.67	339.61	10.24	< LOD	23.71	< LOD	10.87	< LOD	22.46
HS	2+25	8.98	5.09	< LOD	8.67	546.72	18.78	< LOD	36.14	< LOD	16.99	< LOD	33.84
HS	2+50	< LOD	5.89	< LOD	8.22	306.71	14.35	< LOD	34.17	< LOD	15.74	< LOD	32.67
HS	2+75	< LOD	5.17	< LOD	8.51	269.84	13.52	< LOD	34.39	< LOD	15.88	< LOD	33.81
HS	3+00	< LOD	5.64	< LOD	8.57	201.95	12.21	< LOD	36.42	< LOD	16.9	< LOD	34.34
HS	3+25	< LOD	4.93	< LOD	8.08	113.7	9.36	< LOD	33.19	< LOD	15.4	< LOD	31.51
HS	3+50	< LOD	4.04	< LOD	7.36	68.66	7.46	< LOD	30.32	< LOD	13.72	< LOD	27.35
HS	3+75	< LOD	4.71	< LOD	8.28	91.51	8.93	< LOD	35.19	< LOD	16.56	< LOD	33.43
HS	4+00	< LOD	4.9	< LOD	8.24	155.77	10.65	< LOD	33.3	< LOD	16.53	< LOD	31.53

Line	Station	Co	Co Error	Fe	Fe Error	Mn	Mn Error	Cr	Cr Error	V	V Error	Ti	Ti Error
HN	0+00	< LOD	122.67	17287.07	199.56	413.93	58.08	14.85	5.51	31.58	8.83	1107.92	35.05
HN	0+25	104.54	61.63	11001.25	143.74	470.12	52.37	88.46	10.8	49.37	11.83	612.24	41.44
HN	0+50	< LOD	127.48	22353.46	208.77	396.77	53.7	< LOD	13.28	66.94	16.71	3159.58	69.45
HN	0+75	< LOD	97.37	13985.04	158.88	313.57	47.84	< LOD	14.6	72.38	18.17	3111.86	74.39
HN	1+00	< LOD	127.24	22596.24	208.47	482.27	55.99	< LOD	16.18	84.46	21.09	3734.45	86.62
HN	1+25	< LOD	111.22	18211.62	181.68	488.69	53.73	< LOD	14.81	61.96	17.77	3064.25	73.21
HN	1+50	< LOD	126.16	22704.45	211.49	760.93	63.2	< LOD	15.49	49.55	16.81	1908.13	65.93
HN	1+75	< LOD	120.38	19889.27	196.78	376.38	52.94	< LOD	15.91	65.42	19.38	2811.89	78.14
HN	2+00	< LOD	90.75	24882.78	152.19	446.49	38.66	< LOD	13.32	69.23	16.65	2489.04	65.69
HN	2+25	< LOD	115.29	17664.99	188.36	456.72	55.79	< LOD	15.89	86.61	20.49	4044.65	85.37
HN	2+50	< LOD	133.6	22712.21	216.8	349.99	54.7	< LOD	17.38	90.22	22.21	3807.83	91
HN	2+75	< LOD	138.51	25881.88	227.87	435.54	56.5	< LOD	18.74	76.2	24.01	3899.04	98.52
HN	3+00	< LOD	138.9	25333.92	227.12	450.74	56.93	< LOD	17.28	83.7	22.22	3629.37	90.62
HN	3+25	< LOD	151.41	31422.38	249.92	303.51	52.96	< LOD	17.23	84.81	21.6	3614.48	88.53
HN	3+50	< LOD	162.62	19703.58	262.67	458.65	73.65	100.76	6.43	40.43	8.12	812.71	30.82
HN	3+75	184.18	75.02	16238.05	175.55	420.16	52.54	71.38	11.39	62.71	13.09	810.02	46
HS	0+00	< LOD	130.99	22148.61	213.42	349.27	53.36	< LOD	11.82	56.02	15.14	2851.23	63.08
HS	0+25	< LOD	131.95	18198.23	215	258.36	54.93	9.43	5.46	24.93	8.96	1458.98	37.21
HS	0+50	< LOD	171.96	33440.98	278.33	396.02	60.7	23.49	5.42	39.33	9.69	1817.85	40.41
HS	0+75	< LOD	131.01	18699.07	213.19	320.47	56.52	< LOD	7.26	29.76	8.33	1340.43	34.24
HS	1+00	< LOD	172.11	31739.4	281.48	810.05	73.58	15.12	4.67	34.43	8.17	1277.14	33.28
HS	1+25	< LOD	86.3	9736.19	138.32	393.3	51.77	< LOD	11.55	52.33	15.83	3876.21	67.75
HS	1+50	< LOD	141.49	26214.15	233.82	315.08	53.73	< LOD	12.71	69.98	16.49	3508.01	69.55
HS	1+75	< LOD	110	18050.57	179.02	413.51	50.39	< LOD	13.43	71.03	17.73	3735.5	74.76
HS	2+00	< LOD	73.98	15961.09	121.49	2070.71	59.98	< LOD	15.76	62.66	19.49	3464.74	81.27
HS	2+25	< LOD	134.68	25305.8	223.51	787.01	64.3	< LOD	17.83	92.75	23.1	4097.51	95.09
HS	2+50	< LOD	137.5	26421.54	226.89	531.41	57.7	< LOD	18.82	100	25.47	4891.79	105.9
HS	2+75	< LOD	108.44	15775.67	175.64	699.12	60.74	< LOD	13.76	65.4	18.49	4164.22	78.55
HS	3+00	< LOD	128.19	22081.62	210.01	388.2	53.89	< LOD	14.13	59.35	17.46	3117.07	72.38
HS	3+25	< LOD	123.38	22339.4	203.24	247.88	47.81	< LOD	16.83	89.86	23.02	5163.77	97.91
HS	3+50	< LOD	72.74	8096.27	117.91	123.89	39.07	< LOD	11.83	39.57	14.19	3009.84	60.03
HS	3+75	< LOD	111.09	16827.5	181.21	295.75	50.18	< LOD	16.44	89.4	22.94	5138.27	97.11
HS	4+00	< LOD	112.87	17758.95	183.53	562.19	56.17	< LOD	13.68	55.92	17.43	3007.19	72.06

Line	Station	Sc	Sc Error	Ca	Ca Error	K	K Error	S	S Error	Ba	Ba Error	Cs	Cs Error
HN	0+00	11.7	6.47	5410.81	84.92	7395.78	127.4	200.65	93.38	1326.37	87.53	181.47	27.19
HN	0+25	30.53	9.52	6623.95	117.21	987.38	79.12	1560.09	196.69	909.09	37.59	< LOD	16.73
HN	0+50	27.62	11.09	9223.34	143.34	12327.17	213.45	263.81	156.57	1301.39	47.61	106.26	14.26
HN	0+75	18.78	12.02	9805.51	160.27	19041.05	277.94	< LOD	271.02	796.17	39.52	76.55	12.6
HN	1+00	< LOD	20.02	11068.9	179.62	20357.86	304.94	< LOD	300.38	1074.69	40.61	86.52	12.44
HN	1+25	< LOD	16.7	8088.7	153.57	27135.35	328.4	< LOD	262.88	627.79	36.46	87.34	12.02
HN	1+50	< LOD	11.96	3057.22	117.54	23622.86	322.07	< LOD	270.41	875.14	41.63	103.52	13.27
HN	1+75	< LOD	19.07	9705.14	173.4	23304.68	326.58	< LOD	306.65	1228.4	41.24	96.04	12.4
HN	2+00	17	9.63	7599.33	130.59	24476.19	274.79	< LOD	236.21	1773.52	45.44	72.42	12.57
HN	2+25	26.13	14.12	12989.39	184.75	15544.82	262.8	< LOD	273.87	1258.01	42.71	101.12	12.82
HN	2+50	24.54	13.58	9843.87	185.23	32148.16	394.52	< LOD	322.93	1197.85	41.28	83.35	12.39
HN	2+75	< LOD	21.52	10354.86	195.86	30473.06	400.72	< LOD	355.3	1134.99	42.21	86.41	12.81
HN	3+00	24.2	13.93	10716.28	188.82	30404.6	381.77	< LOD	324.66	1017.42	43.27	77.22	13.33
HN	3+25	22.9	12.59	8083.59	166.49	19737.52	315.09	< LOD	318.02	649.05	42.85	44.68	13.85
HN	3+50	10.49	5.78	4358.48	74.13	3137.08	84.96	1357.24	135.1	682.58	61.25	< LOD	28.92
HN	3+75	30.98	9.6	5402.41	116.46	1233.17	89.86	1348.5	204.68	583.04	36.95	< LOD	17.51
HS	0+00	23.18	10.1	8524.46	131.52	12371.99	202.61	< LOD	204.02	854.29	50.44	38.8	15.71
HS	0+25	13.34	6.04	4422.6	78.1	5955.95	115.95	261.33	95.12	580.37	58.38	66.06	19.31
HS	0+50	11.26	5.21	3048.77	67.46	6741.66	122.19	316.98	97.27	1243.81	77.45	116.73	23.65
HS	0+75	< LOD	7.26	2926.02	63.95	6060.29	112.35	239.88	87.55	807.29	50.45	60.67	15.99
HS	1+00	7.17	4.3	2274.67	56.03	5090.28	101.49	270.89	83.76	700.54	44.04	37.95	14.05
HS	1+25	22.95	8.72	6572.27	115.95	18822.64	232.38	< LOD	203.79	1128.77	42.56	114.06	13.1
HS	1+50	< LOD	12.96	5507.62	115.02	12164.45	207.91	346.88	153.92	729.37	40.86	33.8	12.94
HS	1+75	15.36	10.08	6963.81	135.41	18278.06	262.76	< LOD	246.36	572.91	37.9	46.66	12.41
HS	2+00	56.43	20.36	29689.58	264	14588.51	257.24	< LOD	287.3	942.35	40.59	72.79	12.62
HS	2+25	21.94	14.11	10504.04	186.29	19351.48	315.71	< LOD	327.17	760.63	38.83	59.96	12.37
HS	2+50	< LOD	21.61	10531.27	193.1	21686.01	342.36	< LOD	337	836.78	38.33	64.32	12.08
HS	2+75	< LOD	15.56	7836.54	140.03	18259.18	259.38	< LOD	246.98	857.01	39.76	52.51	12.43
HS	3+00	25.41	11.76	9677.16	153.7	14917.68	242.4	< LOD	255.02	1078.23	43.46	87.95	13.33
HS	3+25	24.82	11.73	7023.45	156.03	23128.05	329.14	< LOD	311.81	800.56	39.04	45.54	12.28
HS	3+50	18.69	8.27	6314.52	109.89	15656.09	208.08	217.7	132.14	536	40.52	< LOD	19.69
HS	3+75	26.48	11.96	7886.52	158.83	23464.64	323.14	< LOD	282.31	950.95	39.03	49.06	11.99
HS	4+00	< LOD	13.47	5351.55	123.08	18146.46	262.12	280.92	166.71	857.7	40.36	42.32	12.55

Line	Station	Te	Te Error	Sb	Sb Error	Sn	Sn Error	Cd	Cd Error	Ag	Ag Error	Pd	Pd Error
HN	0+00	286.69	55.8	85.9	20.42	46.88	15.39	< LOD	23.9	31.49	11.47	< LOD	22.09
HN	0+25	< LOD	32.29	< LOD	11.7	< LOD	8.79	< LOD	9.59	< LOD	5.95	< LOD	8.61
HN	0+50	177.46	29.11	43.8	10.52	21.46	7.88	18.87	8.57	< LOD	8.29	< LOD	11.29
HN	0+75	91.79	25.15	26.35	9.17	14.71	6.93	< LOD	10.97	< LOD	7.03	< LOD	10.09
HN	1+00	114.22	24.96	18.09	8.91	16.13	6.84	< LOD	10.86	< LOD	6.99	< LOD	9.65
HN	1+25	104.86	24.03	36.28	8.85	18.12	6.63	< LOD	10.65	< LOD	6.67	< LOD	9.56
HN	1+50	131.5	26.63	43.57	9.82	27.19	7.44	21.35	8.05	< LOD	7.58	< LOD	10.83
HN	1+75	97.08	24.6	31.98	9.03	11.5	6.7	< LOD	10.9	< LOD	6.68	< LOD	9.85
HN	2+00	68.3	24.84	19.01	9.05	< LOD	10.26	< LOD	10.91	< LOD	7.14	< LOD	10.13
HN	2+25	130.24	25.75	27.61	9.27	20.09	7.07	14.86	7.64	< LOD	7.25	< LOD	10.13
HN	2+50	77.96	24.51	16.34	8.85	15.07	6.8	< LOD	10.7	< LOD	7.01	< LOD	10.02
HN	2+75	81.65	25.34	16.44	9.15	< LOD	10.28	< LOD	11.35	< LOD	7.32	< LOD	9.93
HN	3+00	95.32	26.61	21.37	9.62	12.21	7.27	< LOD	11.75	< LOD	7.46	< LOD	10.44
HN	3+25	112.64	28.21	28.35	10.25	17.86	7.78	< LOD	12.55	< LOD	8.21	< LOD	11.07
HN	3+50	< LOD	56.7	< LOD	20.54	< LOD	15.6	< LOD	16.32	< LOD	10.75	< LOD	14.74
HN	3+75	< LOD	33.58	< LOD	12.21	< LOD	9.12	< LOD	9.94	< LOD	6.3	< LOD	8.99
HS	0+00	60.49	31.32	21.51	11.52	< LOD	12.84	< LOD	14.27	< LOD	9.17	< LOD	12.08
HS	0+25	102.65	38.73	31.99	14.21	21.77	10.83	< LOD	17.59	11.86	7.73	< LOD	15.11
HS	0+50	157.1	47.4	52.19	17.46	21.23	12.93	< LOD	21.03	< LOD	13.68	< LOD	18.83
HS	0+75	91.71	32.04	25.76	11.68	14.94	8.85	< LOD	14.14	< LOD	9.45	< LOD	12.34
HS	1+00	50.58	27.93	21	10.31	11.84	7.8	< LOD	12.57	< LOD	8.23	< LOD	11.44
HS	1+25	154.91	26.45	41.23	9.61	25.45	7.31	17.91	7.84	15.54	5.29	< LOD	10.52
HS	1+50	55.51	25.84	< LOD	14.09	< LOD	10.63	< LOD	11.54	< LOD	7.44	< LOD	10.34
HS	1+75	85.44	24.99	30.83	9.22	17.35	6.96	< LOD	11.17	< LOD	7.17	< LOD	10.22
HS	2+00	88.02	25.18	29.82	9.26	19.33	7.03	< LOD	11.23	< LOD	7.22	< LOD	10.13
HS	2+25	72.55	24.63	27.08	9.08	13.46	6.83	< LOD	11.09	< LOD	7.14	< LOD	9.95
HS	2+50	94.52	24.26	27.14	8.87	23.64	6.82	17.36	7.37	< LOD	6.96	< LOD	9.74
HS	2+75	73.31	24.83	27.22	9.17	19.49	7	14.4	7.55	8.6	4.94	< LOD	9.94
HS	3+00	113.67	26.71	30.07	9.71	25.46	7.49	< LOD	11.79	< LOD	7.67	< LOD	10.77
HS	3+25	67.44	24.54	20.73	8.99	11.49	6.79	< LOD	11.1	< LOD	7.04	< LOD	9.76
HS	3+50	55.2	26.5	16	9.69	< LOD	11	< LOD	11.96	< LOD	7.85	< LOD	10.44
HS	3+75	60.21	23.85	16.2	8.71	< LOD	9.75	12.09	7.24	< LOD	6.86	< LOD	9.66
HS	4+00	62.16	25.06	13.89	9.09	< LOD	10.25	< LOD	11.17	< LOD	7.11	< LOD	9.74

APPENDIX IV

2014 SOIL ASSAY CERTIFICATE

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 CANADA

Submitted By:	Nicola Struyk
Receiving Lab:	Canada-Vancouver
Received:	June 20, 2014
Report Date:	July 10, 2014
Page:	1 of 2

CERTIFICATE OF ANALYSIS   VAN14001958.1

CLIENT JOB INFORMATION

Project:	Hanson
Shipment ID:	HAN2014-02
P.O. Number	
Number of Samples:	19

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
BAT01	1	Batch charge of <20 samples			VAN
Dry at 60C	18	Dry at 60C			VAN
SS80	18	Dry at 60C sieve 100g to -80 mesh			VAN
AQ200	18	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Coast Mountain Geological
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9
CANADA

CC: Chris Basil
Rick Kemp

BRITISH COLUMBIA CERTIFIED ASSAYER
Marcus Lau
MARCUS LAU
Geochemical Laboratory Manager

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PO Box 11604
Vancouver BC V6B 4N9 CANADA

Project: Hanson
Report Date: July 10, 2014

CERTIFICATE OF ANALYSIS VAN14001958.1

	Method	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
HN0+00	Soil	1.7	33.4	14.1	76	0.6	12.8	7.5	484	2.43	3.0	<0.5	5.5	50	0.3	0.1	1.5	48	0.48	0.129	16
HN1+00	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
HN1+50	Soil	4.6	195.0	14.8	39	0.3	7.4	12.7	1074	3.78	5.2	3.5	22.3	50	<0.1	0.1	6.0	22	0.37	0.132	26
HN2+50	Soil	3.6	70.2	23.9	95	0.9	10.0	5.7	257	2.60	4.1	1.2	6.1	26	0.2	0.2	3.9	50	0.26	0.165	14
HN2+75	Soil	3.6	81.4	22.4	78	0.7	11.3	7.5	241	2.96	6.0	4.4	4.3	23	<0.1	<0.1	3.9	52	0.23	0.113	13
HN3+00	Soil	6.1	149.9	33.9	65	1.6	9.9	7.5	340	3.30	7.4	1.3	7.3	25	0.2	0.2	6.4	54	0.27	0.101	17
HN3+50	Soil	4.8	94.3	23.5	64	0.5	11.5	8.0	387	3.02	5.0	3.4	6.5	31	<0.1	0.2	4.0	59	0.32	0.100	16
HN3+75	Soil	4.2	162.1	14.4	125	0.3	13.9	11.5	645	3.48	5.9	8.4	7.7	41	0.8	0.3	3.1	68	0.55	0.127	32
HS0+00	Soil	1.7	10.5	12.3	145	0.4	8.1	5.7	222	2.29	1.3	<0.5	3.2	29	1.7	<0.1	0.6	53	0.29	0.159	10
HS0+25	Soil	1.4	7.2	12.2	175	0.3	6.8	5.7	303	2.48	1.0	2.4	3.8	33	2.1	<0.1	0.8	50	0.28	0.270	8
HS0+50	Soil	2.0	6.9	12.8	88	0.3	7.4	4.9	194	2.55	1.8	<0.5	4.1	32	0.6	<0.1	0.6	50	0.16	0.252	8
HS1+25	Soil	1.7	4.2	10.3	58	<0.1	2.1	3.2	610	1.33	1.0	<0.5	1.8	20	2.4	<0.1	0.6	26	0.17	0.065	9
HS1+50	Soil	1.8	10.2	36.4	279	0.4	6.7	4.8	261	2.68	3.0	<0.5	5.7	27	1.6	0.1	3.5	55	0.19	0.227	11
HS1+75	Soil	1.8	8.3	25.5	255	0.3	7.0	4.8	280	2.16	2.0	42.0	4.4	49	0.8	<0.1	1.3	45	0.21	0.073	9
HS2+00	Soil	1.6	9.4	42.0	339	0.4	7.9	5.2	830	2.41	2.8	3.1	5.4	49	1.6	<0.1	1.4	48	0.50	0.149	10
HS2+25	Soil	3.4	18.5	104.1	593	0.9	9.9	7.8	685	3.00	6.5	7.7	9.2	71	2.0	0.1	3.4	53	0.36	0.202	17
HS2+50	Soil	2.4	10.0	43.4	329	0.6	8.7	6.8	396	2.76	3.6	<0.5	6.6	43	1.8	0.1	3.4	53	0.28	0.232	13
HS2+75	Soil	1.3	8.3	24.0	251	0.3	6.7	5.6	728	2.04	2.1	19.8	4.8	36	2.0	0.1	1.2	44	0.20	0.062	10
HS3+00	Soil	2.0	15.9	37.6	254	0.5	8.9	7.0	329	2.63	3.5	<0.5	5.5	23	1.5	0.2	1.7	52	0.24	0.226	12

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620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 CANADA

Project: Hanson
Report Date: July 10, 2014

CERTIFICATE OF ANALYSIS VAN14001958.1

	Method	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
HN0+00	Soil	17	0.54	120	0.070	<20	1.30	0.014	0.07	0.2	0.01	2.5	<0.1	<0.05	5	<0.5	<0.2
HN1+00	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
HN1+50	Soil	8	0.67	48	0.034	<20	1.23	0.008	0.12	1.0	<0.01	2.9	0.1	<0.05	5	0.6	1.0
HN2+50	Soil	15	0.42	77	0.056	<20	1.46	0.010	0.06	0.2	0.04	2.0	<0.1	<0.05	5	<0.5	<0.2
HN2+75	Soil	16	0.46	66	0.060	<20	1.67	0.012	0.05	0.4	0.04	2.2	<0.1	<0.05	5	<0.5	0.4
HN3+00	Soil	16	0.53	81	0.073	<20	1.42	0.013	0.07	0.4	0.02	2.7	<0.1	<0.05	5	<0.5	0.5
HN3+50	Soil	19	0.49	111	0.076	<20	1.40	0.014	0.08	0.2	<0.01	2.9	<0.1	<0.05	5	<0.5	0.6
HN3+75	Soil	23	0.62	73	0.089	<20	1.18	0.022	0.08	0.2	0.03	5.1	0.1	<0.05	5	0.7	0.7
HS0+00	Soil	16	0.36	78	0.084	<20	1.29	0.011	0.05	0.1	0.02	2.4	<0.1	<0.05	5	0.9	0.2
HS0+25	Soil	14	0.29	101	0.062	<20	1.28	0.007	0.05	0.1	0.02	1.8	<0.1	<0.05	7	0.5	<0.2
HS0+50	Soil	16	0.29	109	0.092	<20	1.42	0.008	0.06	0.3	0.03	2.2	<0.1	<0.05	7	1.2	<0.2
HS1+25	Soil	6	0.08	127	0.017	<20	0.48	0.007	0.05	0.2	0.04	0.9	<0.1	<0.05	4	<0.5	<0.2
HS1+50	Soil	16	0.32	78	0.055	<20	1.56	0.008	0.05	0.3	0.03	2.3	<0.1	<0.05	10	<0.5	0.2
HS1+75	Soil	12	0.38	73	0.049	<20	1.07	0.009	0.05	0.6	0.02	1.9	<0.1	<0.05	7	<0.5	<0.2
HS2+00	Soil	15	0.39	117	0.070	<20	1.32	0.008	0.07	0.3	0.01	1.9	<0.1	<0.05	7	0.9	<0.2
HS2+25	Soil	16	0.61	89	0.066	<20	1.71	0.009	0.07	0.3	0.03	2.8	<0.1	<0.05	7	0.9	<0.2
HS2+50	Soil	15	0.42	106	0.044	<20	1.68	0.008	0.05	0.3	0.04	2.2	<0.1	<0.05	8	<0.5	<0.2
HS2+75	Soil	14	0.36	76	0.064	<20	0.92	0.007	0.06	0.2	0.02	1.9	<0.1	<0.05	6	<0.5	<0.2
HS3+00	Soil	18	0.43	76	0.054	<20	1.49	0.009	0.04	0.2	0.05	2.2	<0.1	<0.05	6	<0.5	<0.2

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Client: **Coast Mountain Geological**
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PO Box 11604
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Project: Hanson
Report Date: July 10, 2014

QUALITY CONTROL REPORT VAN14001958.1

		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Method	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
Pulp Duplicates																					
HS2+00	Soil	1.6	9.4	42.0	339	0.4	7.9	5.2	830	2.41	2.8	3.1	5.4	49	1.6	<0.1	1.4	48	0.50	0.149	10
REP HS2+00	QC	1.8	9.0	44.5	358	0.5	7.4	5.7	862	2.50	2.8	2.4	4.9	52	1.7	0.1	1.3	51	0.52	0.154	11
Reference Materials																					
STD DS10	Standard	12.8	158.3	153.6	370	2.4	79.1	13.1	886	2.74	48.9	60.8	7.4	67	2.6	7.9	11.8	44	1.02	0.075	18
STD OREAS45EA	Standard	1.8	695.7	14.3	30	0.3	368.2	54.2	399	26.20	11.2	57.3	9.7	4	<0.1	0.4	0.4	295	0.04	0.027	7
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	17.5
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	6.57
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1

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QUALITY CONTROL REPORT VAN14001958.1

	Method	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																	
HS2+00	Soil	15	0.39	117	0.070	<20	1.32	0.008	0.07	0.3	0.01	1.9	<0.1	<0.05	7	0.9	<0.2
REP HS2+00	QC	16	0.42	122	0.075	<20	1.37	0.009	0.08	0.2	<0.01	2.1	<0.1	<0.05	8	0.5	<0.2
Reference Materials																	
STD DS10	Standard	56	0.75	442	0.077	<20	1.01	0.054	0.33	2.9	0.28	2.8	4.8	0.27	4	2.6	5.7
STD OREAS45EA	Standard	876	0.10	139	0.095	<20	3.02	0.018	0.06	<0.1	0.03	82.9	<0.1	0.05	13	1.0	<0.2
STD DS10 Expected		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		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	<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