

**2014 PROSPECTING AND SAMPLING**  
**ON THE**  
**SCHREIBER-POINT CLAIMS**  
**PRISKE**  
**THUNDER BAY MINING DIVISION, ONTARIO, CANADA**

**NTS: 42D/14SW**

PREPARED FOR

**STRIKE MINERALS**  
80 RICHMOND STREET WEST  
SUITE 1101  
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## **Summary**

In November of 2014 Escher Geoscience conducted a short prospecting and sampling program on 2 of Stike Minerals Inc. wholly-owned claims, located in the Schreiber-Hemlo Greenstone Belt, approximately 4 kilometers south of Schreiber. A total of 68 rock samples were collected and sent to Accurassay Laboratories of Thunder Bay for gold analysis. One rock sample returned 94 ppb Au. The remainder of the samples assayed between below detection limit of <0.0005 to 41 ppb.

## **Recommendations**

Although no significant gold results were attained, more detailed work may lead to the discovery of new mineralization. A soil sampling program should be completed over the property focused on the west extension of the Afric zone as well as the plutonic contact to the north, with follow-up prospecting in areas of anomalous gold values in soil samples. The sampling lines should be aligned northwest-southeast, spaced 100m apart with samples collected every 50m

## Introduction

This report has been prepared by Escher Geoscience on behalf of Strike Minerals Inc. to provide documentation of a reconnaissance prospecting and sampling program that was completed between November 7 and 10, 2014 on Strike's wholly-owned Schreiber-point claims. The claims are located in Priske Township and tie onto the leased mining claims surrounding the Northshore Property, which is owned by Balmoral Resource Ltd. and operated by GTA Resource and Mining Inc..

## Property, Location, Access, and Physiography

The Schreiber-Point claims, part of the West-Hemlo property, consist of 2 mining claims (8 units), both registered under and 100% owned by Strike Minerals Inc.. The claims are located in northwestern Ontario, at the north shore of Lake Superior, approximately 4 kilometers south of the town of Schreiber and 150 kilometers northeast of Thunder Bay. The claims are centered on UTM NAD83 479154 m East and 5402034 m North, within the Thunder Bay Mining Division in the township of Priske (G-0631), and can be found on map sheet N.T.S 42D/14SW. Table 1 of this report summarizes the claim information, and Figures 1 and 2 show the location and configuration of the claims.

The claims can be accessed from the Worthington Bay Road, which departs the Trans-Canada Highway 17 approximately 4.5 kilometers east of the town of Schreiber. The Worthington Bay Road extends approximately 5 kilometers south to Lake Superior. At kilometer 4.8 an ATV trail extends west for 1.5 kilometers and then turns into a walking trail that passes through the northern portion of the claim group. Alternatively, the claims can be accessed by boat from Lake Superior.

The general topography has a high local relief marked by Cenozoic glaciation and local faulting. Elevations range from 200 meters at the shore of Lake Superior to >420 meters within the northern portion of the claim group. Vegetation in areas of high relief consists of white birch, black spruce and poplar. Areas of lower relief host variable thick growths of balsam, spruce and tag alders.

**Table 1. Claim Status**

Claim Number	Units	Township	Work Required	Due Date
4205993	4	PRISKE	\$1,600	April 14, 2015
4256299	4	PRISKE	\$1,600	September 29, 2016

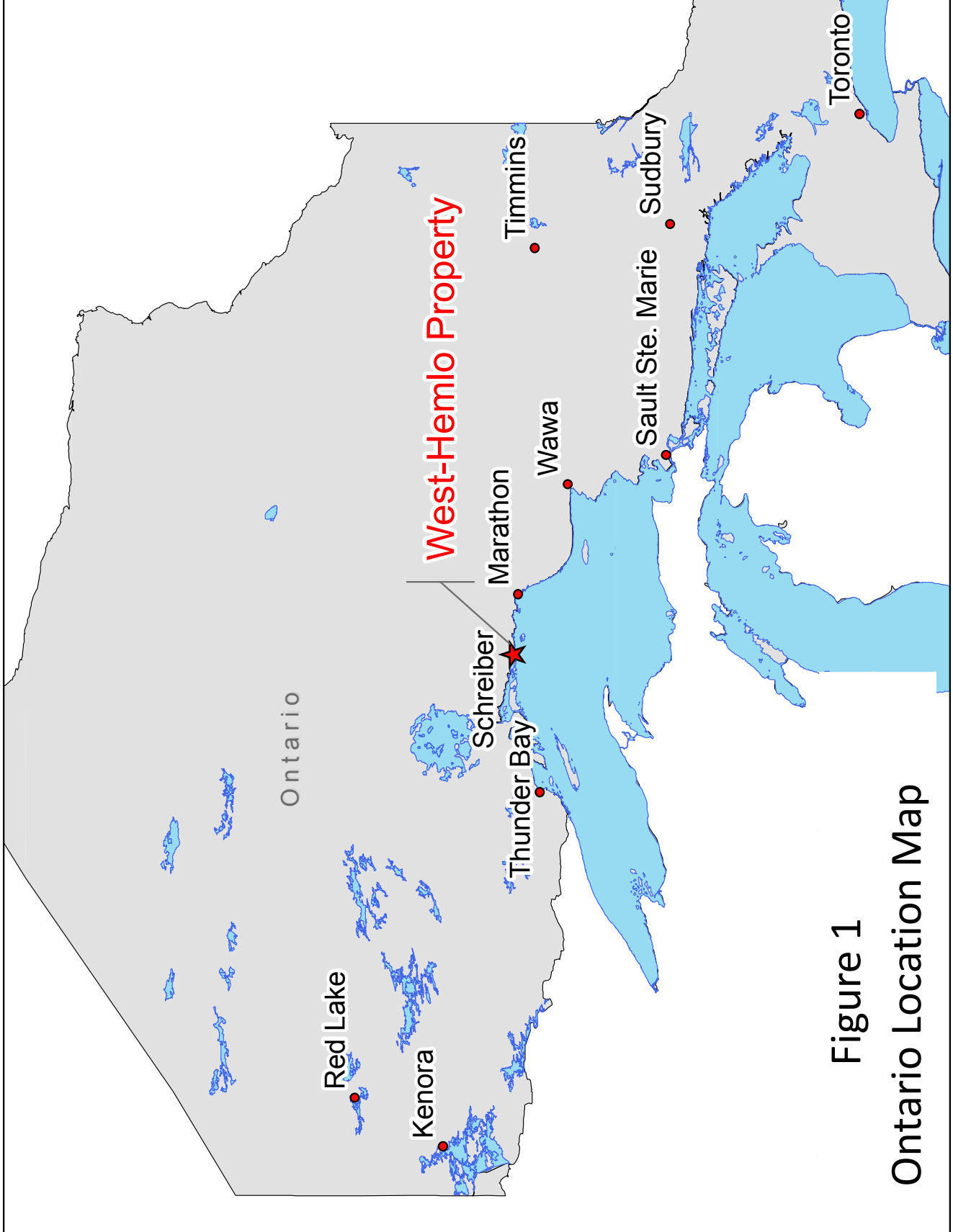
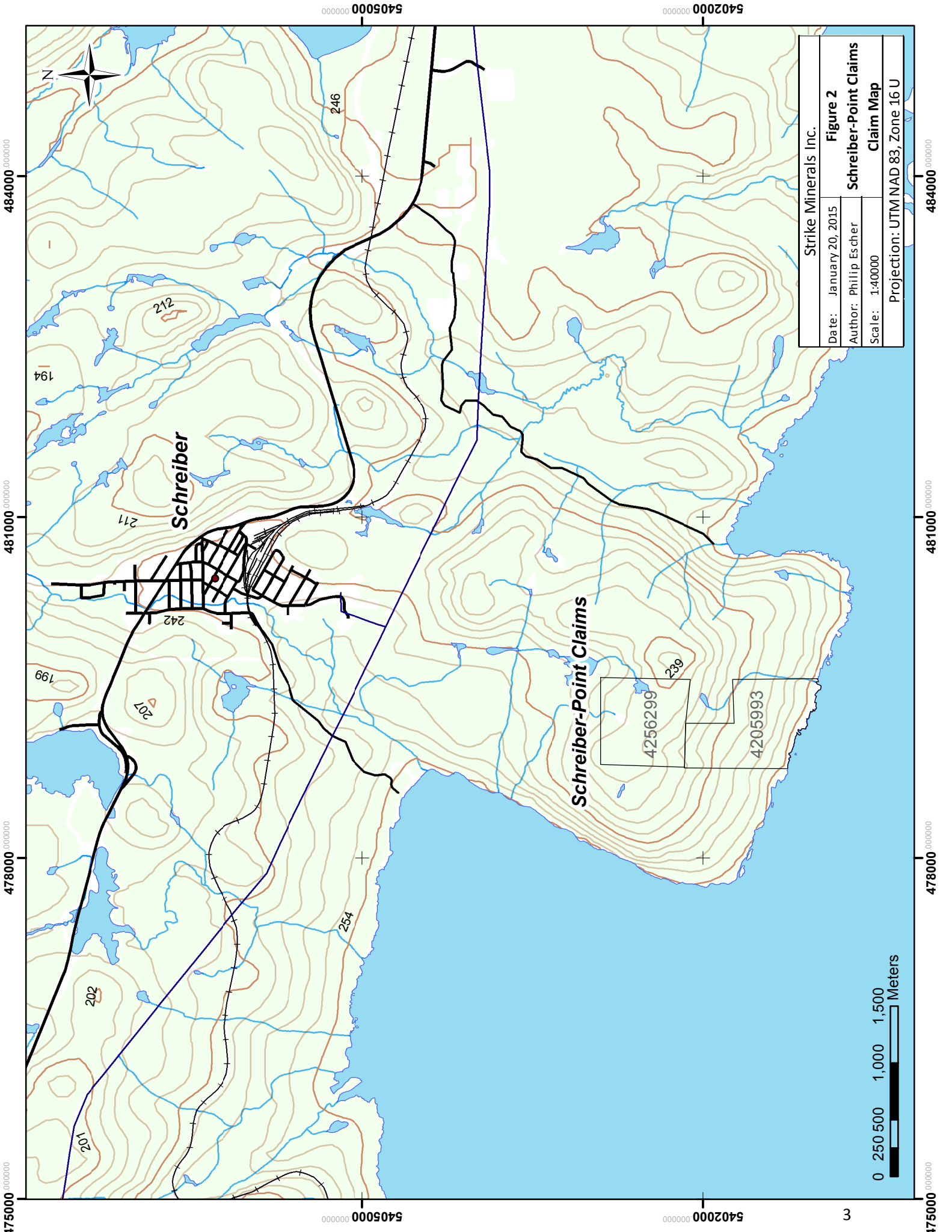


Figure 1  
Ontario Location Map



Strike Minerals Inc.	
Date:	January 20, 2015
Author:	Philip Escher
Scale:	1:40000
Projection: UTM NAD 83, Zone 16 U	

**Figure 2**

**Schreiber-Point Claims**

**Claim Map**

## Exploration History

Exploration in the vicinity of the Schreiber-Point claims has been conducted intermittently since the late 1800s. The Northshore Mine, a gold producer that has operated between 1935 and 1937, is located approximately 400 to 600 meters east of the property boundary. Known exploration by previous workers on the Schreiber-Point claims themselves has included prospecting, ground geophysics and limited diamond drilling. Previous exploration activity in the vicinity of the claims was researched from the Ontario Resident Geologist's Assessment Files, Thunder Bay, ON and is summarized below:

**1898:** **Peter McKellar** discovered Gold on patented mining claim BJ 122 (Carter, 1988).

**1998 to 1932:** **McKellar-Longworth Ltd.** operated the property and discovered 14 veins (Carter, 1988).

**1935 to 1937:** **North Shore Gold Mines** developed the No. 1 vein and processed 3808 tons of ore yielding 2441 ounces of gold (Carter, 1988)

**1988 to 1992:** **Noranda Exploration Company Ltd.** obtained a large group of claims that covered the Schreiber-Point claims. According to Drost (1997), trenching and rock sampling were undertaken on old trenches and other exploration targets resulting in discovery of the 'Afric' Zone. Twenty diamond drill holes, totalling 2494.6 m, were completed. Noranda Exploration Company Ltd. estimated a geological resource of 2 million tonnes grading 2.2 gpt gold at the Afric Zone. During 1998 Noranda carried out prospecting on mapping on the Schreiber-Point claims but all samples returned insignificant results (Mackie, 1989).

**1996:** **David Christianson (1996)** completed a ground magnetic and VLF-survey over the area that included the present Schreiber-Point Claims.

**1997:** **Cyprus** option the 'Northshore' property and the surrounding 'Christianson' claims which included the present Schreiber-Point claims. That same year Cyprus completed a program of geophysics, prospecting, geological mapping and 7 diamond drill holes, totaling 1131 meters. Most of the diamond drilling was completed on the 'Afric' Zone (Drost, 1997).

**2011:** **Strike Minerals Inc.** conducted a short prospecting program over the Schreiber-Point claims (North, 2011).

## Regional Geology

The West-Hemlo property is located in the Archean-age Schreiber-Hemlo Greenstone Belt within the Wawa Subprovince of the Southern Superior Structural Province. Carter (1988) describes the regional geology of the belt as follows:

*The Archean rocks of the Wawa Subprovince are predominantly subaqueous mafic tholeiitic metavolcanics which overlie a less voluminous, predominantly calc-alkalic sequence, both of which are interlayered with minor clastic and chemic metasediments. Two volcanic cycles are present separated by a marker horizon of sulphide-facies ironstone. The lower cycle exceeds 2.3 km in thickness and underlies the southern margin of the (Schreiber) map area, south of Highway 17. It consists of interlayered tholeiitic basalts and calc-alkalic andesite and dacite and tholeiitic or calc-alkalic rhyolite. The upper cycle is in excess of 12 km thick and underlies much of the northern part of the (Schreiber) map-area north of Highway 17. The upper cycle consists predominantly of tholeiitic basalt with subordinate calc-alkalic andesite and dacite, and tholeiitic or calc-alkalic rhyolite. These rocks are folded about an east-southeast trending synclinal axis which plunges to the east-southeast. Wawa Subprovince metavolcanic rocks are overlain, in the northeast of the map-area by metawackes and meta-arenites of the Quetico Subprovince, which are tightly folded along east-west axes. Both subprovinces are intruded by gabbroic rocks, an ultramafic intrusion, granitic batholiths and Archean to Proterozoic diabase dikes following three trends. The grade of metamorphism increases from greenschist facies in the south to amphibolite facies in the north and has affected the metavolcanics, metasediments and mafic intrusions. Contact metamorphism, to pyroxene-hornfels rank, has been superimposed on the greenschist facies by the Terrace Bay Batholith. A pervasive foliation characterizes most of the rocks of both subprovinces, the foliation being parallel to the primary layering in the rocks.*

*Proterozoic rocks include remnants of Animikie Group clastic and chemical sediments, which outcrop along the north shore of Lake Superior in the southwestern part of the area. Archean to Proterozoic rocks comprise narrow diabase dikes which cut all the Archean rocks, and diabase sills which intrude the Proterozoic Animikie Group. The sills are Proterozoic in age (Logan sills) and some of the dikes may be of this age.*

*Cenozoic rocks comprise Pleistocene morainal, glaciofluvial and glaciolacustrine sands and gravels and recent alluvial deposits.*

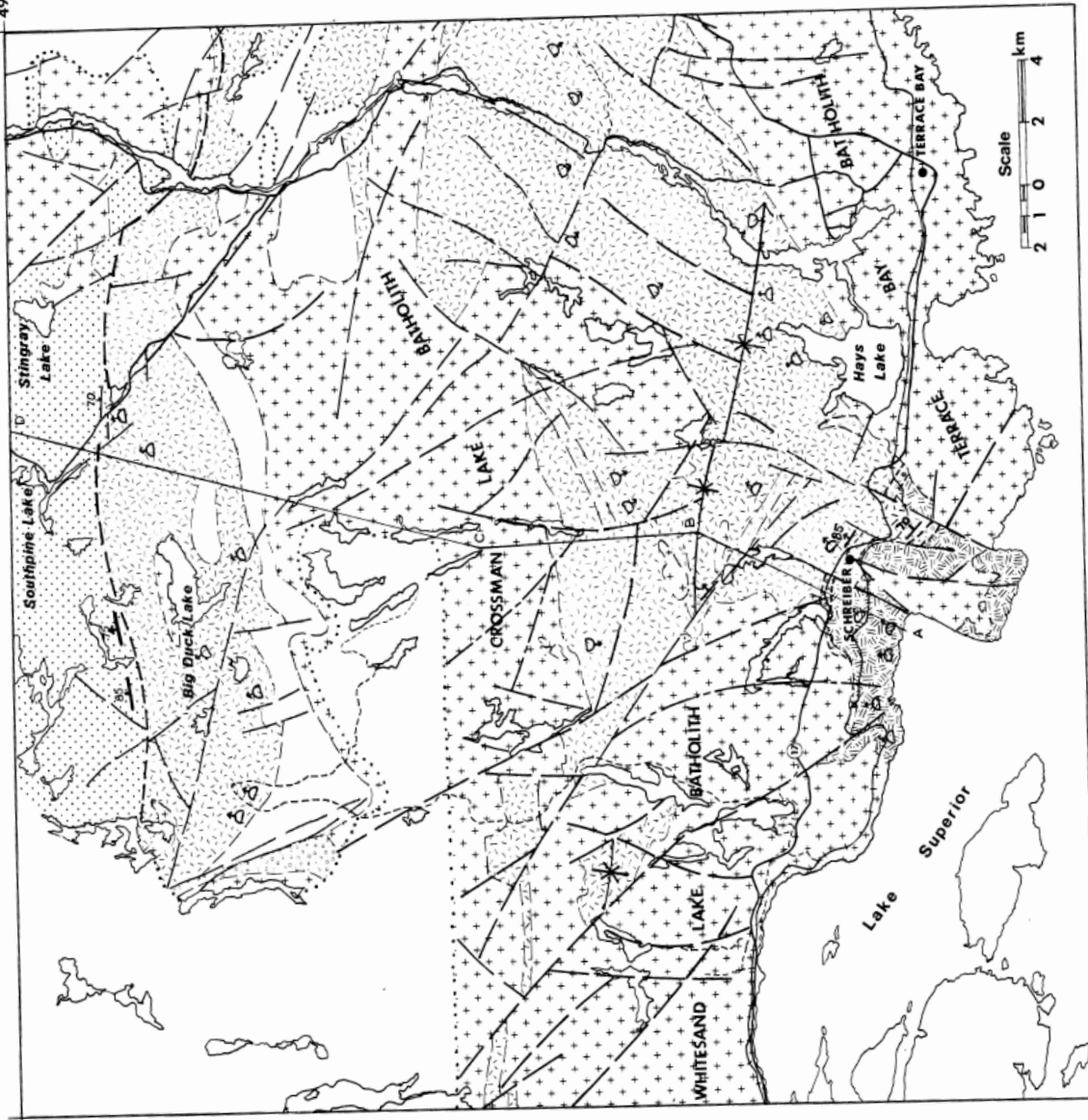
*Faults trending northwesterly, northeasterly and northerly are a characteristic feature of the map-area. A strong vertical component to movement on the faults is interpreted to explain the preservation of supracrustal rocks in the eastern part of the map area.*

*Mineral deposits comprise precious metal (gold and silver) veins in fractures, and shears associated with the mafic metavolcanic rocks, and the granitic rocks; molybdenum-copper vein deposits associated with the border zones of the granitic batholiths; nickel-copper deposits associated with a gabbro intrusion; and polymetallic base-metal copper-lead-zinc-silver occurrences associated with clastic and chemical interflow metasediments.*



87°01'37"W  
49°03'00"N

87°30'0"W



**LEGEND**

- Intrusive Rocks
  - Granitic Intrusives
  - Metagabbroic Intrusives
- Quetico Subprovince
- Metasediments and Derived Migmatites
- Wawa Subprovince
- Interflow Metasediments
- Upper Volcanic Sequence (Cycle II)
- Lower Volcanic Sequence (Cycle I)

**SYMBOLS**

- Anticline, Syncline with plunge
- Fault
- Lineament
- Bedding, top indicated by arrow
- Bedding top unknown
- Lava flow, top from pillow shape and packing

**Figure 3.**  
Regional Geology  
Modified from Carter, 1988

## Property Geology

The Schreiber-Point claims have been mapped by Carter (1979) as part of a regional survey by the OGS. The map indicates that the southern three-quarters of the property are predominantly underlain by mafic and intermediate volcanic rocks. Within the northern portion of the claim group these rocks are intruded by the Mount Gwynne Pluton (Syenite, Quartz Diorite, Granite and Gabbro). The main lithologies present on the property are cross-cut by west-northwesterly trending diabase dykes and are most numerous in the southern quarter of the claim group. Carter (1988) describes the dikes as black, massive, medium grained rocks that are usually well jointed and have a reddish brown weathered surface.

The southern half of the property has been mapped in detail by Cyprus (Drost, 1997) as part of their exploration program on the 'Northshore' property and the surrounding 'Christianson' option. A brief description of the main lithological units observed by Drost is given below.

1. Syenite: medium to dark greyish black color with variable dark brick red potassic overprint; medium grained intrusive grain size and textures; generally unaltered and massive fabric.
2. Feldspar (+/- Quartz) Porphyry: medium greyish to buff colored, fine grained porphyritic matrix with medium to coarse grained feldspar +/- quartz shards) phenocryst phase; identified mainly in the Noranda grid area; typically exhibits sericitic matrix.
3. Intermediate to Felsic Volcanics: light to medium greyish buff color; typically fine grained sericitic matrix; typically with tuffaceous characteristics including multiphase, broken crystal fragments (crystal tuff). This unit may be confused locally with feldspar (+/- quartz) porphyry depending on bulk crystal content.
4. Mafic Volcanics: medium to dark greyish green color; fine grained to locally metamorphosed, amphibolitic medium grained groundmass; displays typical mafic flow textures such as pillows, vesicles etc; moderately chloritic; generally fresh and unaltered.

The volcanic rocks on the property have been metamorphosed to greenschist facies with an increase in metamorphic grade surrounding the felsic plutons. Alteration of the volcanics and the intrusives includes potassic, silica, carbonate and sericite.

## **2014 Reconnaissance Prospecting Survey**

A four day reconnaissance prospecting and sampling survey was conducted between November 7 and 10, 2014. A total of 68 rock grab samples were collected and assayed for their gold content. The sampling was performed and supervised by Philip Escher and assisted by Stephen Greiner.

Traverse lines were conducted perpendicular to the regional trend of stratigraphy at approximately 100 to 200 meter line spacing. Rock grab samples were examined megascopically in the field for texture, mineralization and alteration. Sample descriptions were recorded within a notebook and later transcribed into an excel spreadsheet (Appendix I). Samples were placed in plastic bags along with sample tags and sealed off with flagging tape. The location of each rock grab sample was determined using a handheld GPS unit (Garmin 62s) that was later downloaded to a computer.

Rock samples collected during the field program were shipped to Accurassay Laboratories of Thunder Bay, ON where they were crushed to a minus 10 mesh, mechanically split and then pulverized to a minus 200 mesh. A statistically representative sample was then analysed for gold using fire assay and atomic absorption spectroscopy (FA-AAS). Analytical accuracy was monitored by inserting blanks and certified standards.

## **Results**

The 68 rock samples collected during the program returned gold values ranging from below background of <5 ppb to 94 ppb. Only one sample returned a slightly anomalous gold value of 94 pbb.

Mineralization observed during this program consisted of irregular concentrations (trace to 15%) of generally finely disseminated pyrite, pyrrhotite, and minor copper within a range rock types including hornblende and potassium syenite, mafic volcanics and intermediate volcanics.

Sample details and analytical results are presented in Appendix I and the Certificate of Analysis is presented in Appendix II. Sample Locations are shown on Map 1.

## **Conclusions and Recommendation**

The short prospecting program did not yield any significant gold mineralization, but additional and more detailed work may lead to the discovery of new mineralization.

A soil sampling program should be completed over the property focused on the west extension of the Afric zone and the plutonic contact to the north with follow-up prospecting in areas of anomalous gold in soils. The sampling lines should be aligned northwest-southeast, spaced 100m apart with samples collected every 50m.

## References

Carter, M. W., 1988: Geology of Schreiber-Terrace Bay area, District of Thunder Bay; Ontario Geological Survey, Open File Report 5692, 287p.

Christjanson, D.E., 1996: Manometer-VLF Survey, Worthington Bay Property, June 25, 1996, 11p.

Drost, A. P., 1997: Report on Surface Exploration and Diamond Drilling, Northshore Property; prepared for Cyprus Canada Inc., November 7, 1997, 12p.

Mackie, B., 1989: Report of Work, Hays Lake Property; prepared for Noranda Exploration Company Ltd., October 2, 1989, 2p.

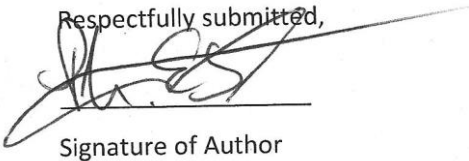
North, C., 2011: Geological Prospecting and Sampling of the "West-Hemlo" Property; prepared for Strike Minerals Inc., October 6, 2011, 14p.

## Certificate of Qualifications

I, Philip Escher, of 75 Walker Road South, Neebing, Ontario, hereby certify that:

1. I hold a Bachelor of Science Degree in Earth Science (2013) from Lakehead University, Thunder Bay, Ontario.
2. I am the proprietor of Escher Geoscience, a consulting company based in Neebing, Ontario contracted by Strike Minerals Inc. to provide management services with respect to ongoing exploration on their claims in Priske Township. I am authorized to act as an Agent of the Company.
3. I have not received, directly or indirectly, or expect to receive any interest in the company and its properties.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Philip Escher', is written over a horizontal line. The signature is fluid and cursive.

Signature of Author

"Philip Escher"

Printed Name of Author

January 29, 2015

**Appendix I**  
**Sample Location, Description & Analyses**

Sample No.	UTM East (Nad83, Z16)	UTM North (Nad83, Z16)	ALTITUDE (m)	Lithology	Sample Class	Description	Mineralization	Alteration	Au (ppm)	Au (ppb)	Photo ID	Sampler
283751	479522	5402366	408	MV	OC	Sampled proximal to felsic intrusive contact. Fg-mg dark grey to black rock composed primarily of hornblende and biotite some quartz and feldspar.1-2% garnet .	6-8% localized subhedral sulfides.		0.005	5	2852	PE
283752	479523	5402372	405	MV	OC	Sampled proximal to felsic intrusive contact. Fg dark green. Several 1-2mm quartz-feldspar veins. Several calcite veinlets along fractures. Moderate to strong magnetics.	3-5% subhedral to anhedral sulfides.	Weak potassium feldspar and spotty hematite.	0.005	5	2853	PE
283753	479358	5402257	395	MV	OC	Sampled proximal to felsic intrusive contact. Fg-mg dark grey to black. Feox on weathered surface.	3-5% sulfides in wisps, some dissemination.	Weak potassium feldspar.	0.008	8	2855	PE
283754	479273	5402250	385	MV	OC	Sampled proximal to felsic intrusive contact. Fg grey-black. Moderate magnetics. Calcite veinlets along fractures. Feox on weathered surface.	3% disseminated sulfides.	Weak carbonate.	0.008	8	2859	PE
283755	479163	5402223	383	MV	OC	Fg-mg, greyish green, feox on weathered surface, Several irregular 3mm quartz vein, some calcite on fracture planes.	3-4% sulfides in pods.	Weak to moderate silica, weak sericite.	0.025	25	2861	PE
283756	479161	5402238	383	MV	OC	Siliceous mafic volcanics. 2-2.5cm irregular shaped white quartz vein. Spotty hematite along quartz vein.	1-2% sulfides in host rock.	Strong silica.	<0.005	<5	2863	PE
283758	479559	5401741	291	Hbld SY	OC	Mg, pink + black rock composed of mainly potassium feldspar and hornblende. Massive appearance.	5% disseminated sulfides.		<0.005	<5	2867	PE
283759	479526	5401645	285	SY	OC	Fg-mg, composed of mainly potassium feldspar and hornblende w/ some plagioclase.	2% subhedral disseminated sulfides. 2% euhedral to subhedral pyrite along fracture plane.		<0.005	<5	2868	PE
283760	479520	5401613	285	SY	OC	Fg-mg pink + green rock composed mainly of potassium feldspar, hornblende, and chlorite. 2cm white quartz-calcite vein with cloritic margins.	Trace sulfides.		<0.005	<5	2872	PE
283761	479475	5401575	281	SY	OC	Fg-mg, green + pink rock. Composed of mainly potassium feldspar, hornblende and chlorite w/ some plagioclase. Feox on weathered surface. Some calcite on fracture planes.	3% sulfides, mainly pyrrhotite and some pyrite.		0.018	18	2873	PE
283762	479478	5401578	282	Hbld SY	OC	Mg-cg, dark green + pink. Composed mainly of hornblende and potassium feldspar. Several mm-scale quartz veinlets.	5-8% disseminated sulfides. Locally, up to 10-15% massive sulfides, mainly pyrite and some pyrrhotite.		0.094	94	2877	PE
283763	479501	5401575	283	FI	OC	Fg, light grey. Feox on weathered surface, minor calcite on fracture planes.	3-4% blebby sulfides .		0.015	15	2878	PE
283764	479506	5401420	276	SY	OC	Dark green + pink rock composed mainly of potassium feldspar, hornblende and chlorite. 1 cm white quartz vein with localized hematite staining.	1-2%	Weak hematite.	0.01	10	2881	PE
283765	479517	5401344	256	SY	OC	Dark green + pink rock composed mainly of potassium feldspar, hornblende and chlorite. Weak magnetics.	3% sulfides on fracture plane.		0.022	22	2883	PE
283766	479548	5402267	417	MV	OC	Vfg volcanics along a small fault (291°/75°) just west of claim line along ridge. Slightly rubby section. Moderate magnetics.	Trace disseminated pyrite		<0.005	<5	1508/1509	SG

Sample No.	UTM East (Nad83, Z16)	UTM North (Nad83, Z16)	ALTITUDE (m)	Lithology	Sample Class	Description	Mineralization	Alteration	Au (ppm)	Au (ppb)	Photo ID	Sampler
283767	479427	5402232	402	MV	OC	5x10m outcrop. Weak magnetics. Very minor quartz veining (< 1mm).	0.5% fg disseminated pyrite.	Very weak epidote.	<0.005	<5	1503/1504/1505	SG
283768	479088	5402172	363	MV	SC	Vfg metavolcanics. Very angular boulder along steep ridge probably blocked off from local outcrop. Not magnetic. Weak Feox.	0.5% disseminated to blebby (~1mm) pyrite	Weak carbonate.	<0.005	<5	1498/1500	SG
283769	479026	5402204	368	MV	OC	Vfg volcanics w/ weak (~1mm) calcite veining. Not magnetic.	Trace fg pyrite disseminated throughout the volcanics and concentrated along veins.	Weak carbonate.	<0.005	<5	1506/1507	SG
283770	478975	5402230	362	MV	OC	Vfg volcanics. Pyrite mineralization occurring along fracture planes and associated w/ minor Feox. Not magnetic.	0.5% vfg to fg pyrite forming blebs (1-2mm) along fracture planes.		<0.005	<5	1430/1501/1502	SG
283771						Blank			<0.005	<5		
283772	479461	5401648	286	FI	OC	Fg to mg intermediate w/ 40% plagioclase, 40% hornblende and 20% potassium feldspar. Weak magnetics.	Trace disseminated pyrite. Possible native copper fleck.	Weak carbonate.	0.005	5	1433/1434/1512 /1513	SG
283773	479416	5401599	277	MV	OC	Fg volcanics. 50% plagioclase and 50% hornblende. Not magnetic.	Trace disseminated pyrite	Weak epidote.	<0.005	<5	1435/1436/1544	SG
283774	479493	5401525	277	Hbld SY	OC	8m outcrop along ridge. 40% plagioclase, 20% potassium feldspar and 40% hornblende. Weak magnetics. Weak Feox on weathered surface.	1% fg disseminated pyrite.	Moderate carbonate.	0.013	13	1437/1438/1514	SG
283775	479474	5401283	244	Hbld SY	OC	Dark green + pink rock composed mainly of potassium feldspar, hornblende and chlorite. Feox on weathered surface.	1% diss		<0.005	<5		PE
283776	479536	5401589	293	FI	OC	Fg grey to green, minor (mm-scale) quartz veinlets. Massive appearance.	2-3% anhedral sulfides		0.007	7	2887	PE
283777	479493	5401461	269	FI	OC	Fg to mg. 50% hornblende, 40% plagioclase, 10% potassium feldspar. Moderate magnetics.	Trace fg disseminated pyrite		<0.005	<5	1439/1440/1499	SG
283778	479498	5401355	267	Hbld SY	OC	Fg to mg intermediate w/ a small (~1mm) calcite vein. 40% plagioclase, 17% potassium feldspar, 40% hornblende and 3% pyrite. Weak to moderate magnetics.	2-3% fg disseminated pyrite along calcite vein.	Weak carbonate.	<0.005	<5	1441/1442/1443 /1515	SG
283779	478878	5401445	230	MV	OC	1cm wide quartz/calcite vein w/ in vfg volcanics. Small (1mm) veinlets shoot off the main vein. Not magnetic.			<0.005	<5	1484/1485/1486 /1487	SG
283780	478845	5401475	242	MV	OC	Vfg volcanics. Moderate to strong magnetics.	Trace disseminated pyrite	Weak carbonate.	0.005	5	1487/1488/1527	SG
283781	478853	5401626	256	Shear	OC	40cm wide shear zone located along steep lying ridge. Foliation direction = 30°/49°. Calcite veining occurs along foliation planes. Not magnetic.		Minor to moderate chlorite.	0.005	5	1482/1483	SG



Sample No.	UTM East (Nad83, Z16)	UTM North (Nad83, Z16)	ALTITUDE (m)	Lithology	Sample Class	Description	Mineralization	Alteration	Au (ppm)	Au (ppb)	Photo ID	Sampler
283782	478847	5401688	252	MV	FL	Fg volcanics. 60% hornblende and 40% plagioclase. Not magnetic.	1-2% fg disseminated pyrite.	Very weak carbonate.	<0.005	<5	1480/1481/1529	SG
283783	478843	5401705	252	MV	OC	Vfg volcanics w/ minor (<1mm) calcite veining. Moderate magnetics w/ weak Feox	Fg disseminated pyrite w/ in volcanics and along calcite veins.	Weak carbonate.	0.005	5	1478/1479/1536	SG
283784	478823	5401746	261	MV	OC	Vfg volcanics. ~5m wide outcrop. Moderately magnetics. Weak Feox on weathered surface.	Fg disseminated pyrite.		<0.005	<5	1476/1477/1518	SG
283785	479019	5401667	278	MV	OC	Vfg volcanics w/ minor quartz/calcite veins (<1mm). Mineralization occurs w/ in veins. Strong magnetics.	Fg pyrite w/ in veins	Weak carbonate.	<0.005	<5	1456/1457/1522	SG
283786	479041	5401825	282	MV	OC	Vfg volcanics with occasional quartz calcite veining (1-3mm). Mineralization in volcanics but not clear in veins. Weak magnetics.	Trace disseminated pyrite. Possible native copper fleck.	Weak carbonate.	0.011	11	1452/1453/1521	SG
283787	479150	5401735	275	MV	OC	Vfg volcanics along a 20m high ridge. Moderate Feox and minor sulphur oxidation along weathered surface. Not magnetic.	2-3% disseminated pyrite.		0.008	8	1450/1451/1520	SG
283788	479267	5401732	286	MV	FL	Very angular 50cm <sup>3</sup> boulder on talus slope of 40+ m high cliff. Vfg volcanics w/ minor (<1mm) calcite veinlets. Weak Feox on weathered surface. Strong magnetics.	Trace pyrite along calcite veinlets.	Very weak epidote.	<0.005	<5	1448/1449/1530 /1531	SG
283789	479345	5401637	289	MV	OC	Vfg volcanics. Strong magnetics.	Trace disseminated pyrite	Weak epidote.	<0.005	<5	1446/1447/1519	SG
283790	479532	5401578	287	MV	SC	Fg volcanic boulder probably fractured from bedrock. 55% hornblende and 40% plagioclase.	5% fg disseminated pyrite		0.031	31	1444/1445/1532	SG
283791						Standard (Code9)			2.013	2013		
283792	478808	5401853	276	MV	FL	Vfg angular boulder from talus slope of a large 40+m cliff. Not magnetic.	4-5% fg pyrite forming large (1-6mm) blebs.	Weak carbonate.	0.014	14	1491/1492/1535	SG
283793	478816	5401868	293	MV	OC	Fg volcanics. Outcrop on top of 40m cliff. Weak Feox and sulphur oxidation on weathered surface. Thin calcite vein along fracture plane. Not magnetic.	5% blebby (3-10mm) pyrite w/ in calcite veining. Fg disseminated pyrite w/ in volcanics.	Weak carbonate.	<0.005	<5	1493/1494/1525 /1526	SG
283794	478826	5401923	301	MV	OC	Vfg volcanics w/ minor (<1mm) calcite veining. Mineralization occurring along veins.	Fg to mg pyrite w/ in calcite veining.		<0.005	<5	1496/1496/1534	SG
283797	478986	5402012	340	MV	OC	Vfg dark green to black rock with strong feox on weathered surface, Localized magnetics.	~2% disseminated pyrrhotite. 1-1.5% disseminated pyrite. Up to 15% pyrrhotite on fracture.		<0.005	<5	2844	PE
283798	479129	5401925	317	MV	OC	Vfg light grey rock. Chlorite veinlet stockwork.	1.5-2% sulfides concentrated along chl veinlets.	Weak carbonate.	<0.005	<5	2839	PE

Sample No.	UTM East (Nad83, Z16)	UTM North (Nad83, Z16)	ALTITUDE (m)	Lithology	Sample Class	Description	Mineralization	Alteration	Au (ppm)	Au (ppb)	Photo ID	Sampler
283799	479143	5401901	311	MV	OC	Fg dark green to black. 5mm quartz vein that locally contains brecciated fragments of host rock. Spotty feox on weathered surface.	0.5-1% subhedral to anhedral sulfides.		<0.005	<5	2836	PE
283800	479129	5401843	291	MV	OC	Fg dark green to black. Localized feox on weathered surface. Several 5mm irregular quartz veins. Spotty hematite associated with quartz.	1-1.5% subhedral sulfides.	Weak carbonate.	<0.005	<5	2834	PE
283801	479367	5401657	290	MV/Dia	OC	Sample from diabase/volcanic contact. Vfg dark grey rock w/ strong feox on weathered surface. 5mm quartz vein and localized irregular lenses of quartz.	3-4% sulfides in pods.		0.012	12	2889	PE
283803	479213	5401680	297	MV	OC	Vfg dark green. Massive appearance. Several cross-cutting mm-scale quartz veinlets. Weak magnetics.	1-2% disseminated sulfides. 3-5% sulfides on fracture plane.		<0.005	<5	2890	PE
283804	479189	5401608	294	MV	OC	Vfg dark green. Massive appearance. Feox on weathered surface. Weak magnetics. Several fracture controlled quartz veinlets	4-5% disseminated sulfides.		<0.005	<5	2892	PE
283805	479172	5401563	282	IMV	OC	Vfg greenish grey. Intermediate composition. Feox on weathered surface. 4mm calcite vein on fracture. Weak magnetics.	3% sulfides.		0.019	19	2894	PE
283806	479138	5401460	260	IMV	OC	Vfg. Medium grey. Intermediate composition. feox on weathered surface. Massive appearance.	0.5% disseminated sulfides.		<0.005	<5	2895	PE
283807	479184	5401296	219	IMV	OC	Vfg. Medium grey. Intermediate composition. Spotty feox on weathered surface. Minor calcite along fractures. Massive appearance	0.5% sulfides.		<0.005	<5	2896	PE
283808	479290	5401345	227	DIO?	OC	Mg, medium to dark grey. Massive appearance. Mainly composed of plagioclase, hornblende and chlorite. Feox on weathered surface. Minor calcite on facture plane.	0.5% subhedral sulfides.		<0.005	<5	2898	PE
283809	479297	5401374	242	IV	FL	Angular float from creek bed. Fg, brownish- grey. Several 2-4mm white quarts veins. Powdery feox on weathered surface. Mainly composed of potassium feldspar, plagioclase, chlorite, and minor quartz.	Trace sulfides.	Moderate to strong carbonate.	<0.005	<5	2899	PE
283810	479298	5401396	248	IV	OC	Fg, light grey to green. Mainly composed of plagioclase and chlorite and some quartz.	0.5% disseminated sulfides.	Moderate carbonate.	0.041	41	2903	PE
283811	479128	5401936	314	MV	OC	Vfg light grey rock with high abundance of chlorite veinlets . 3-5mm boudinaged quartz vein with chloritic margins. Localized vein contains brecciated fragments of wall rock, creek bed outcrop.	0.5% sulfides	Moderate to strong carbonate, weak silica.	<0.005	<5	2338	PE
283814	479158	5402026	324	MV	FL	Angular boulder from talus slope. Fg dark green w/ spotty feox on weathered surface. Multiple 3-5mm quartz veins (locally cross-cutting).	1.5% sulfides concentrated in wallrock		0.011	11	2840	PE
283815	479155	5402071	346	MV	SC	Vfg dark green to black rock with ~8cm wide quartz-calcite- potassium feldspar lense.	1-1.5% subhedral to anhedral sulfides		<0.005	<5	2841	PE
283816						Standard (Code1)			1.246	1246		

Sample No.	UTM East (Nad83, Z16)	UTM North (Nad83, Z16)	ALTITUDE (m)	Lithology	Sample Class	Description	Mineralization	Alteration	Au (ppm)	Au (ppb)	Photo ID	Sampler
283817	478998	5401947	322	MV	OC	Dark green to black. Vfg. Several cross-cutting quartz(?) calcite(?) veinlets	Trace sulfides	Weak silica.	<0.005	<5	2850	PE
283818	479166	5401805	286	MV	OC	Fg, light green to dark green. Spotty feox and hematite staining on weathered surface. Several mm-scale quartz veinlets along fractures. Several 5mm wide quartz lenses. Moderate to strong magnetics	0.5% anhedral sulfides associated with quartz lense but some dissemination.	Hematite.	0.009	9	2833	PE
283819	479125	5401632	266	MV	OC	Fg volcanics w/ minor (1-2mm) quartz veining. Moderate magnetics. Weak Feox on weathered surface.	3-4% fg pyrite along quartz veins.		<0.005	<5	1540/1541	SG
283820	479081	5401583	255	MV	OC	Vfg volcanics. Not magnetic.	Trace disseminated pyrite.	Weak carbonate.	<0.005	<5	1466/1477	SG
283821	478998	5401422	221	MV	OC	Vfg volcanics w/ a minor (~1mm) calcite vein along a fracture surface. Minor Feox and sulphur oxidation along calcite vein. Moderate to strong magnetics.	Trace disseminated pyrite	Very weak carbonate.	0.012	12	1464/1465/1523/ 1534	SG
283822	478943	5401427	214	MV	FL	Vfg volcanics. Angular boulder on talus slope just west of drainage system. Weak magnetics.	Trace disseminated pyrite and pyrrhotite.		<0.005	<5	1462/1463/1511	SG
283823	479006	5401634	275	MV	OC	Fg volcanics. Not magnetic.	1% fg disseminated pyrite.	Weak epidote.	0.022	22	1458/1459/1528	SG
283824	478977	5401835	284	MV	OC	Vfg volcanic boulder blocked off of an adjacent outcrop. Not magnetic.	Fg disseminated pyrite.	Very weak epidote.	0.018	18	1454/1455	SG
283901	479567	5401716	280	Hblid SY	OC	Fg to mg intermediate, grading towards syenite. 50% potassium feldspar, 47% hornblende and 3% pyrite. Weak magnetics.	Fg disseminated pyrite.	Weak carbonate.	<0.005	<5	1432/1516/1517	SG
283902	478790	5401773	280	MV	OC	Vfg volcanics. 20x15m outcrop. Sample from slightly rubbly section. Minor fault? Strong magnetics. Weak Feox on weathered surface.	Trace disseminated pyrite		<0.005	<5	1489/1490/1543	SG
283903	478997	5401895	301	MV	OC	Fg dark green to black rock with spotty feox on weathered surface. Two 5-8mm quartz veins.	~0.5% sulfides in wallrock		0.006	6	2848	PE
283904						(Blank)			<0.005	<5		

**Appendix II**  
**Certificate of Analysis**

Monday, December 29, 2014

## Final Certificate

 Escher Phil  
 P.O. Box 10052  
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 Email: phescher@gmail.com

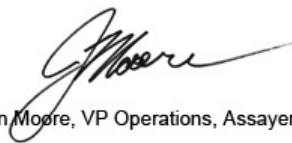
 Date Received: 11/20/2014  
 Date Completed: 12/03/2014  
 Job #: 201442794  
 Reference:  
 Sample #: 72

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218743	283751	0.005
218744	283752	0.005
218745	283753	0.008
218746	283754	0.008
218747	283755	0.025
218748	283756	<0.005
218749	283758	<0.005
218750	283759	<0.005
218751	283760	<0.005
218752	283761	0.018
218753	283761 Dup	0.005
218754	283762	0.094
218755	283763	0.015
218756	283764	0.010
218757	283765	0.022
218758	283766	<0.005
218759	283767	<0.005
218760	283768	<0.005
218761	283769	<0.005
218762	283770	<0.005
218763	283771	<0.005
218764	283771	Insufficient Sample
218765	283772	0.005
218766	283773	<0.005
218767	283774	0.013

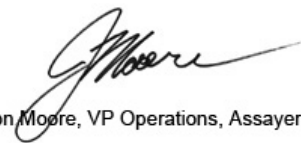
APPLIED SCOPES: ALP1, ALFA1

**Validated By:**


Andrew Oleski, Instrumentation Manager

**Certified By:**


Jason Moore, VP Operations, Assayer

**Authorized By:**


Jason Moore, VP Operations, Assayer

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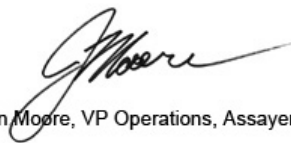
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 Date Completed: 12/03/2014  
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 Reference:  
 Sample #: 72

Acc #	Client ID	Au g/t (ppm)
218768	283775	<0.005
218769	283776	0.007
218770	283777	<0.005
218771	283778	<0.005
218772	283779	<0.005
218773	283780	0.005
218774	283781	0.005
218775	283781 Dup	<0.005
218776	283782	<0.005
218777	283783	0.005
218778	283784	<0.005
218779	283785	<0.005
218780	283786	0.011
218781	283787	0.008
218782	283788	<0.005
218783	283789	<0.005
218784	283790	0.031
218785	283791	2.013
218786	283791	Insufficient Sample
218787	283792	0.014
218788	283793	<0.005
218789	283794	<0.005
218790	283797	<0.005
218791	283798	<0.005
218792	283799	<0.005

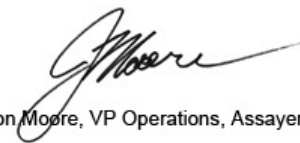
APPLIED SCOPES: ALP1, ALFA1

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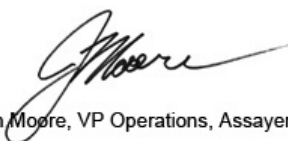
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 Job #: 201442794  
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 Sample #: 72

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218793	283800	<0.005
218794	283801	0.012
218795	283803	<0.005
218796	283804	<0.005
218797	283804 Dup	<0.005
218798	283805	0.019
218799	283806	<0.005
218800	283807	<0.005
218801	283808	<0.005
218802	283809	<0.005
218803	283810	0.041
218804	283811	<0.005
218805	283814	0.011
218806	283815	<0.005
218807	283816	1.246
218808	283816	Insufficient Sample
218809	283817	<0.005
218810	283818	0.009
218811	283819	<0.005
218812	283820	<0.005
218813	283821	0.012
218814	283822	<0.005
218815	283823	0.022
218816	283824	0.018
218817	283901	<0.005

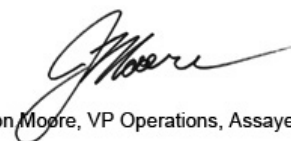
APPLIED SCOPES: ALP1, ALFA1

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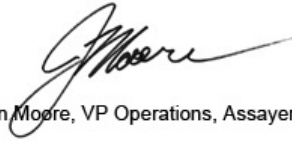
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 Date Completed: 12/03/2014  
 Job #: 201442794  
 Reference:  
 Sample #: 72

Acc #	Client ID	Au g/t (ppm)
218818	283902	<0.005
218819	283902 Dup	<0.005
218820	283903	0.006
218821	283904	<0.005

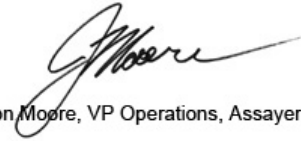
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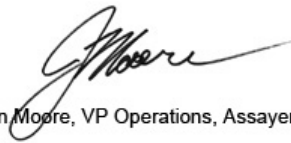
**Control Standards**

QC Type	QC Performance (ppm)	Mean (ppm)	Std Dev (ppm)
APP9	0.266	0.290	0.041
APP9	0.314	0.290	0.041
APP9	0.484	0.290	0.041

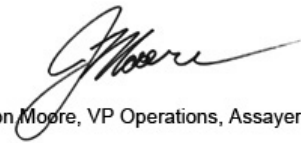
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