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**GOLDON RESOURCES LTD.**

**REPORT ON THE MAY 2019  
PROSPECTING PROGRAM**

**ON THE**

**SLATE FALLS PROPERTY**



(Sample 00251116)

**WESLEYAN LAKE AREA & FRY LAKE AREA  
SLATE FALLS  
ONTARIO, CANADA  
NTS  
52O/04 & 52O/04**

Bruce MacLachlan  
Timmins, Ontario

September 9<sup>th</sup>, 2019

## TABLE OF CONTENTS

1.0	SUMMARY .....	1
2.0	INTRODUCTION .....	1
3.0	CELLS-CLAIMS .....	1
4.0	LOCATION, ACCESS and TOPOGRAPHY .....	1
5.0	LOCAL GEOLOGY .....	4
6.0	EXPLORATION HISTORY.....	5
7.0	WORK PROGRAM DESCRIPTION.....	7
8.0	RESULTS and CONCLUSIONS .....	13
9.0	RECOMMENDATIONS .....	14
11.0	PERSONNEL .....	16
12.0	STATEMENT of QUALIFICATIONS .....	17
13.0	REFERENCES .....	18

## List of Figures

Figure 1 : Access Map .....	2
Figure 2 : Claim Map.....	3
Figure 3 : Sample Location Map-1 .....	8
Figure 4 : Sample Location Map-2 .....	9
Figure 5 : Sample Location Map-3 .....	10
Figure 9 : Traverse Map.....	11
Figure 10 : Point of Interest Map.....	12

## List of Appendices

Appendix	I	Rock Sample Descriptions (Table 1)
Appendix	II	Rock Assay Certificates (SGS Labs)
Appendix	III	Points of Interest (Table 2)
Appendix	IV	SGS Labs Analytical Descriptions
Appendix	V	List of Claims (Table 3)
Appendix	VI	Photos

## **1.0 SUMMARY**

A prospecting and sampling program was carried out by Bruce MacLachlan and Coleman Robertson on the Slate Falls property from May 16<sup>th</sup> to June 3<sup>rd</sup> to follow up on historical work and to prospect for new targets. Ninety-nine rock grab samples were collected during the exploration program.

## **2.0 INTRODUCTION**

The objective of the program was to locate and review historical areas of interest based on historical reports, conduct some follow-up rock sampling in these areas and document any other historical work such as outcrop stripping/trenching.

All the work and sample locations were defined using a handheld Garmin GPS. The measurements were plotted using UTM: NAD 83 in Zone 15 metric coordinates. All foot and truck traverses were collected by GPS, saved as separate files and plotted on the various Figures.

The following report details the results of the May 16<sup>th</sup> to June 3<sup>rd</sup>, 2019 prospecting program along with the recommendations for additional exploration programs.

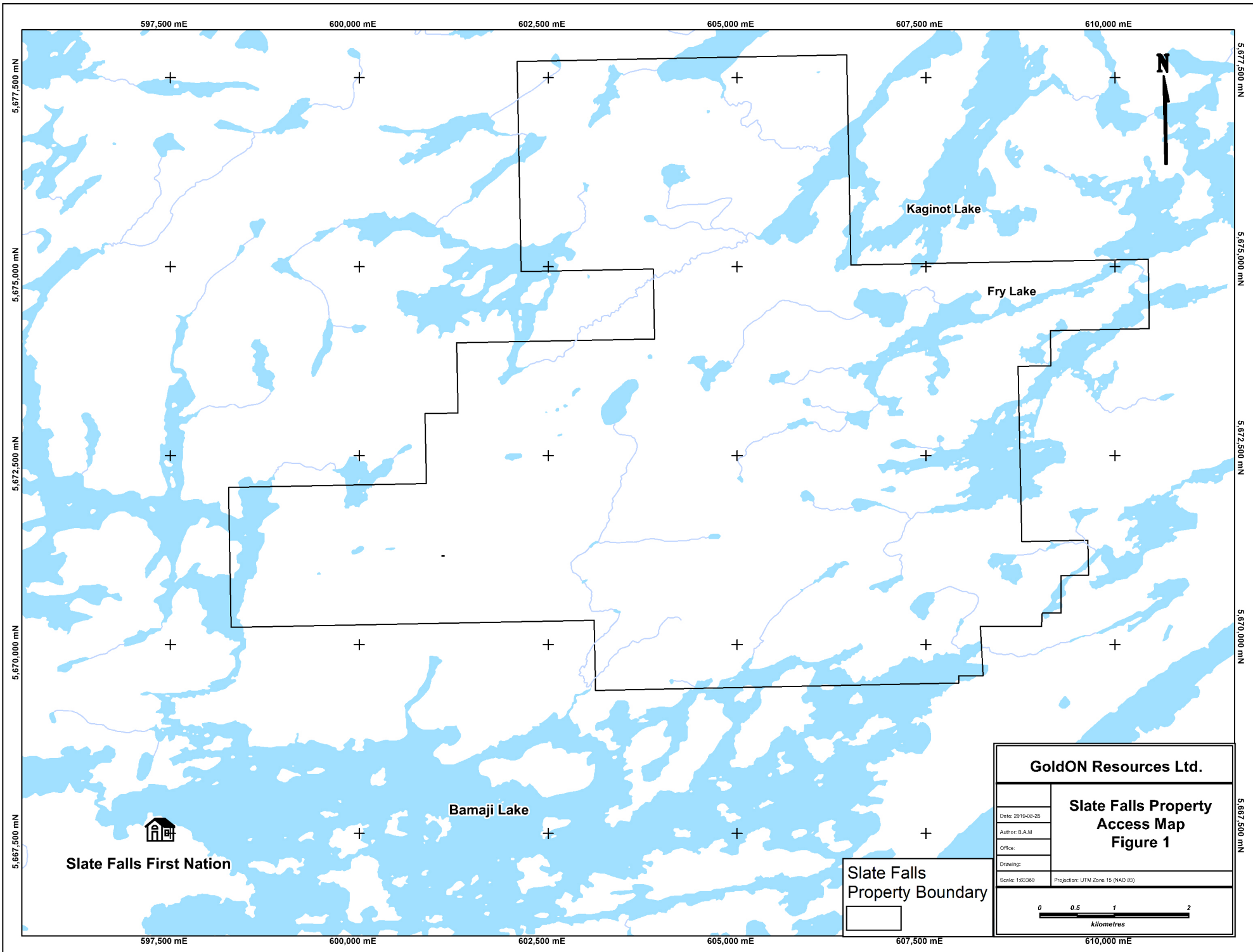
## **3.0 CELLS-CLAIMS**

The Slate Falls Property consists of 13 Multi-cell Mining Claims, 40 Single-Cell Mining Claims and 22 Boundary-Cell Mining Claims, located in the Wesleyan Lake Area and Fry Lake Area. A list of the claims can be found in Table 3 (Appendix V).

## **4.0 LOCATION, ACCESS, AND TOPOGRAPHY**

The Slate Falls property is located approximately 8km's northeast of the First Nation community of Slate Falls, Ontario (Figure 1). The Slate Falls property is accessible by travelling approximately 120km's north of the town of Sioux Lookout along Hwy 516, then turning north on an all-weather road for approximately 140 kilometres to the community of Slate Falls. From Slate Falls access to the property is best achieved by boat across to the north shore of Bamaji Lake, then on foot walking north across the east – west trending power line, continuing north to where an old back hoe trail works it's way to the Trail, Sanderson Main, Sanderson East and Sanderson North Zones, see attached maps.

The topography in the area is comprised of moderately flat-lying ground with gentle - moderate rolling hills. The vegetation is generally comprised of a variety of first growth trees. The result is poor-moderate outcrop exposure.



Slate Falls First Nation

Bamaji Lake

Kaginot Lake

Fry Lake

Slate Falls  
Property Boundary



**GoldON Resources Ltd.**

**Slate Falls Property  
Access Map  
Figure 1**

Date: 2016-08-26

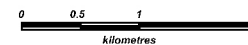
Author: B.A.M

Office:

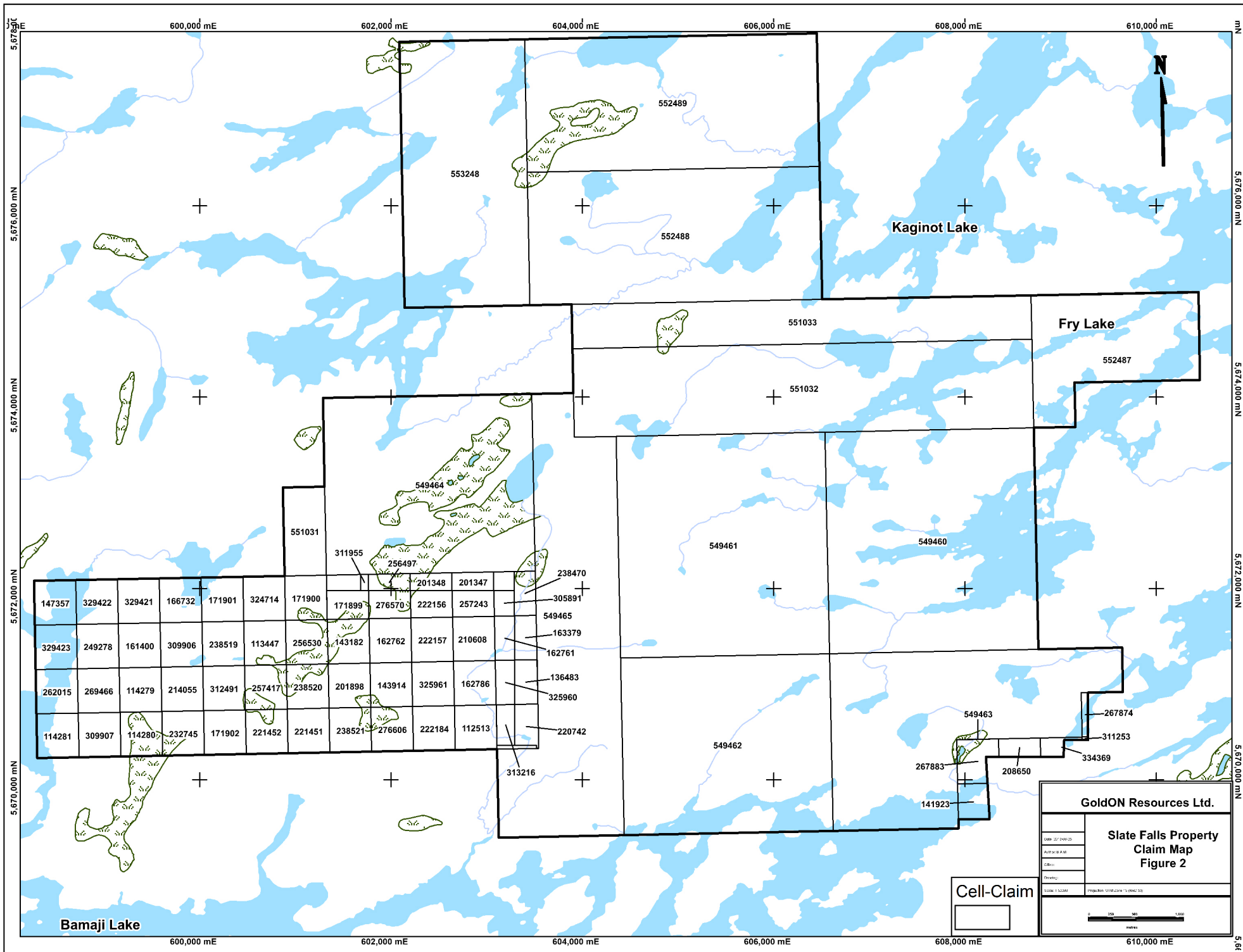
Drawing:

Scale: 1:83389

Projection: UTM Zone 15 (NAD 83)



kilometres



## **5.0 LOCAL GEOLOGY**

### **5.1 Regional Geology**

*As per Dinel & Pettigrew (2008).*

The Slate Falls Property is located in the central Uchi Subprovince along the Meen-Dempster Greenstone Belt in northwestern Ontario.

The age of volcanic and sedimentary rocks in the Fry Lake area range from 2699 to 2816 Ma, based on 4 U/Pb age dates (Stott and Wilson 1986; Scharer 1989), and represent a volcano-sedimentary sequence of folded mafic to felsic metavolcanic and chemical to clastic metasedimentary rocks, which have historically been interpreted to belong to the Woman, Bamaji, and Billet Lake assemblages (Young 2003; Stott and Corfu 1991).

They are intruded by subvolcanic mafic sills, dikes and stocks, and pre-tectonic to syntectonic mafic to felsic intrusive rocks and syntectonic to post-tectonic, mafic to ultramafic intrusive rocks.

### **5.2 Property Geology**

The Slate Falls property is underlain by a sequence of Archean rocks of the Williams Suite in the Woman Assemblage. These rocks comprise the south-western part of the Meen-Dempster greenstone belt in the Uchi Subprovince of the Superior Structural Province.

Stratigraphic and chronologic relationships of the Meen-Dempster belt are based upon data from Stott et al 1991. Stott suggests that the Woman Assemblage represents the most primitive crustal rocks of the belt and that they are indicative of oceanic volcanism with local subaqueous to subaerial arc sequences.

The supracrustal rocks in this area are dominated by mafic volcanics with minor amounts of more felsic volcanics, clastic and chemical sediments. Wallace (1985) subdivides the volcanics on the basis of chemistry into two rock groups. A group of tholeiitic to komatiitic rocks underlays most of the property and is comprised predominantly of mafic volcanic units, clastic sediments and oxide and sulphide iron formation.

A second group of calc-alkalic rocks, characterized by mafic and intermediate units and extensive banded iron formations, occurs north of the property. A large body of trondhjemite, the North Bamaji Pluton, intrudes the greenstone in the Slate Falls area and is considered part of the supracrustal package. A broad transition zone occurs at the contact of the intrusion and is typified by an abundance of volcanic xenoliths and roof



pendants within the pluton and numerous dykes within the volcanic rocks. The supracrustal rocks are flanked to the north and south by younger granitic complexes.

The supracrustal rocks display a regional foliation which generally strikes east-west with variable dips and is commonly observed to parallel lithological contacts. Two regional fold structures have been identified by Wallace (1985).

The fold axial trace of the Rockmere-Wesleyan Synform strikes east-west across the length of the property with a gentle to moderate eastwardly plunging fold axis. The fold axis of an antiformal structure strikes northeast from the central-northern part of the property in the area of the Sanderson Showing.

## **5.0 EXPLORATION HISTORY**

The first prospecting in the area was during the 1920s following on discoveries in the Red Lake and Pickle Lake areas. Geological mapping was carried out by the Ontario Department of Mines in 1935, and by the Geological Survey of Canada in 1960. Mineral exploration of the property has been carried out by various companies from 1966 - 2017, with most exploration being carried out in the 1980's and 1990's.

**1966:** Cochenour Exploration Ltd. drilled 7 holes totaling 369.36m, AFRI Report 52O04NE9642.

**1966:** Dome Exploration (Canada) Ltd. carried out trenching, AFRI Report 52O04NE9639.

**1974:** Umex Corp. drilled 1 hole totaling 70.71m, AFRI Report 52O04NE0012.

**1981:** Sulpetro Minerals carried out geological mapping, trench mapping and sampling, AFRI Report 52O04NE0010.

**1983:** D.R. Bell Geological Services carried out a Helicopter-borne aeromagnetic and airborne VLF survey, AFRI Report 52O04NW0037.

**1984:** D.R. Bell Geological Services carried out a mapping program on a four-claim group held by FTM Resources Inc. They located a vein of economic interest that assayed up to 2.88 oz/ton Au. AFRI Report 52O03NW0035.

**1984:** Sulpetro Minerals drilled 14 holes totaling 684.07m, AFRI Report 52O04NE0009.

**1984:** Sulpetro Minerals carried out rock sampling and drill core assay certificates, AFRI Report 52O04NE0008.

**1987:** Canlorm Resources carried out a Magnetic and VLF survey, AFRI Report 52O04NE0006 & 52O04NW0023.

**1988:** Gold Fields Canada Mining Ltd. carried out a helicopter borne aeromagnetic and VLF survey, AFRI Report 52O04NW0014.

**1989:** Umex Inc. carried out an Airborne magnetic and VLF survey, AFRI Report 52O06SE0017.

**1995:** D. Parker carried out geological mapping, rock and humus sampling, AFRI Report 52O03NW0001.

**1996:** D. Parker carried out rock geochemical sampling, AFRI Report 52O03NW2001.

**1997:** Orezone Resources Inc. carried out a helicopter-borne aeromagnetic and VLF survey, AFRI Report 52O03NW0004.

**1997:** Orezone Resources Inc. carried out prospecting, geological mapping, humus sampling and relogging of historical drill core from Sulpetro Minerals, AFRI Report 52O04NW0019.

**1997:** Orezone Resources Inc. carried out power stripping at Trail, Sanderson Main, East and North Zones, AFRI Report 52O04NE2001.

**1997:** D. Parker carried out linecutting and a magnetic survey, AFRI Report 52O04NE2001.

**2000:** D. Parker carried out trenching, sampling, grid mapping and a mineralogical study on vein material, AFRI Report 52O04NE2002.

**2002:** Gold Summit Mines Ltd. carried out trenching, channel sampling and trench mapping, AFRI Report 52O03NW2005.

**2014:** Twomey carried out a geological review.

**2017:** Selway and B. Singh carried out an interpretation of historical grab sampling, drilling and geophysics.

## 7.0 WORK PROGRAM DESCRIPTION

The program consisted of 3.5 days of travel, 10 days of reconnaissance prospecting/rock sampling and 6.5 days of analyses and reporting on the Slate Falls Property.

Ninety-nine rock grab samples were collected during the current work program (see Table 1). Grab samples were collected mainly in areas of previous stripping, trenching and drilling, with some collected in the south eastern portion of the property.

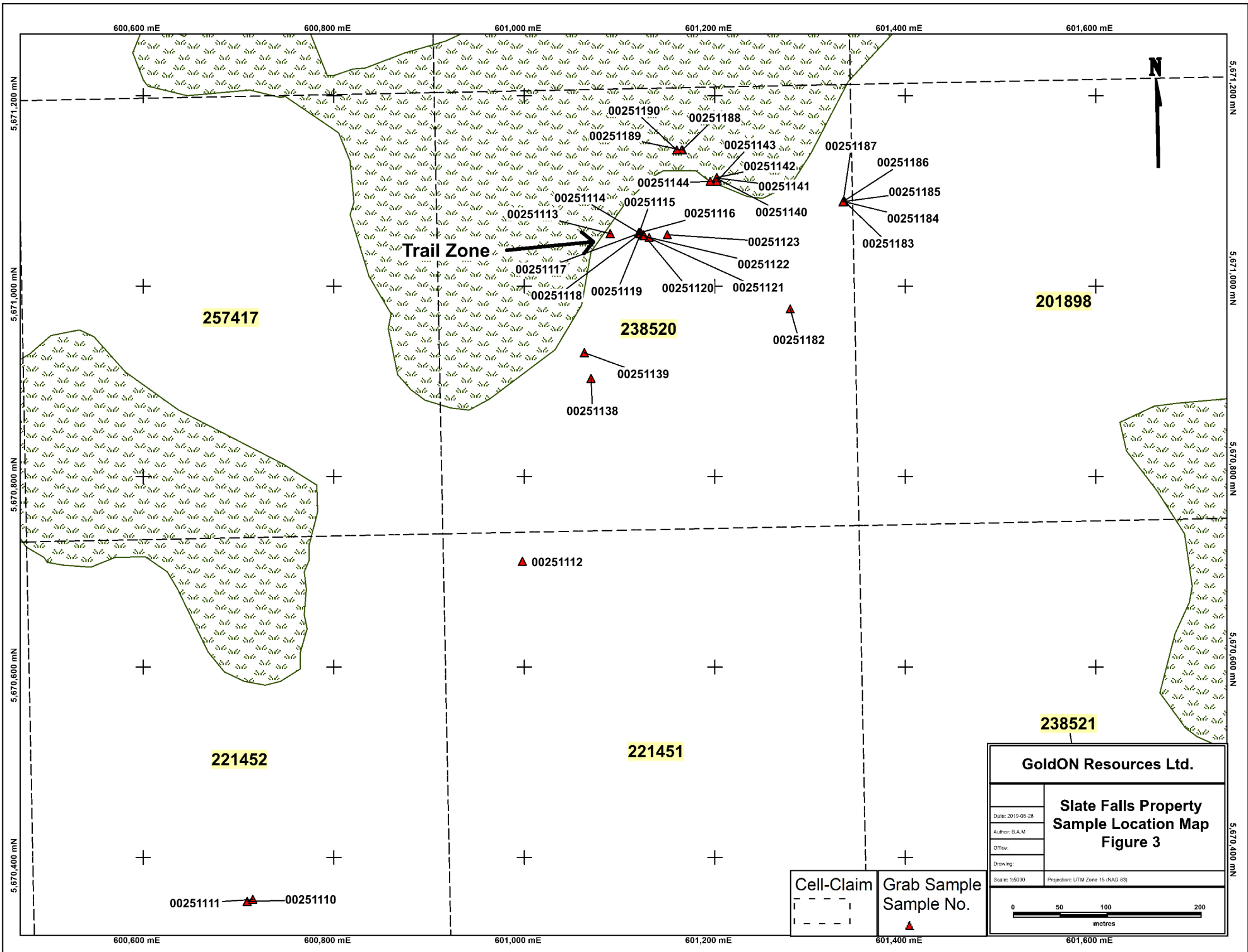
In addition to the rock samples collected, several “Points of Interest” were collected at various locations, see Table 2. The “Points of Interest” table includes a variety of geological and non-geological information including outcrop photos, notes on local terrain, historical trenching, hand dug pits and trenches, structural observations etc. and are plotted on Figure 10. More than 100 photos were taken during the prospecting program, a few are presented in Appendix VI.

All samples were photographed in the field and a representative sample of each rock sample was kept for future reference.

The work program was based out of an apartment attached to the Fire Station in the community of Slate Falls. Travel to the work areas was carried out by boat launch located on the south shore of Bamaji Lake, traveling northeast approximately 3.5 km’s to the north shore of Bamaji Lake. From here travelling on foot for up to 5km’s.

All 99 rock samples collected were dropped off at SGS Laboratories in Thunder Bay and sent to Burnaby B.C from there. Rock analysis was by analytical Method Code GE\_FAI313 & GE\_ICP40B as well as analytical Method Codes GO\_FAG303, GO\_FAG313 & GO\_ICP41Q for samples which initially returned over limit Au, Ag Cu, Pb & Zn grades.

Table 1 (Appendix I) provides a list of the 2019 rock sample numbers (00251110 to 00251200 & 00251028 to 00251035), rock type, alteration, mineralization, and UTM co-ordinates. The rock assay Certificate of Analysis from SGS Laboratories are presented in Appendix II. Table 2 (Appendix III) provides a list of the 2019 Points of Interest and Appendix IV a description of the SGS Laboratories analytical packages.



**Trail Zone**

**257417**

**238520**

**201898**

**221452**

**221451**

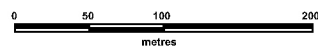
**238521**

**GoldON Resources Ltd.**

**Slate Falls Property  
Sample Location Map  
Figure 3**

Date: 2019-09-28  
Author: S.A.M.  
Office:  
Drawing:

Scale: 1:5000 Projection: UTM Zone 15 (NAD 83)



Cell-Claim  
[dashed line symbol]

Grab Sample  
Sample No.  
[red triangle symbol]

00251111 [red triangle symbol] 00251110

[red triangle symbol] 00251112

[red triangle symbol] 00251138

[red triangle symbol] 00251139

[red triangle symbol] 00251182

[red triangle symbol] 00251183

[red triangle symbol] 00251184

[red triangle symbol] 00251185

[red triangle symbol] 00251186

[red triangle symbol] 00251187

[red triangle symbol] 00251141

[red triangle symbol] 00251142

[red triangle symbol] 00251143

[red triangle symbol] 00251188

[red triangle symbol] 00251189

[red triangle symbol] 00251190

[red triangle symbol] 00251114

[red triangle symbol] 00251115

[red triangle symbol] 00251116

[red triangle symbol] 00251117

[red triangle symbol] 00251118

[red triangle symbol] 00251119

[red triangle symbol] 00251120

[red triangle symbol] 00251121

[red triangle symbol] 00251122

[red triangle symbol] 00251123

[red triangle symbol] 00251113

[red triangle symbol] 00251114

[red triangle symbol] 00251115

[red triangle symbol] 00251116

[red triangle symbol] 00251117

[red triangle symbol] 00251118

[red triangle symbol] 00251119

[red triangle symbol] 00251120

[red triangle symbol] 00251121

[red triangle symbol] 00251122

[red triangle symbol] 00251123

[red triangle symbol] 00251124

[red triangle symbol] 00251125

[red triangle symbol] 00251126

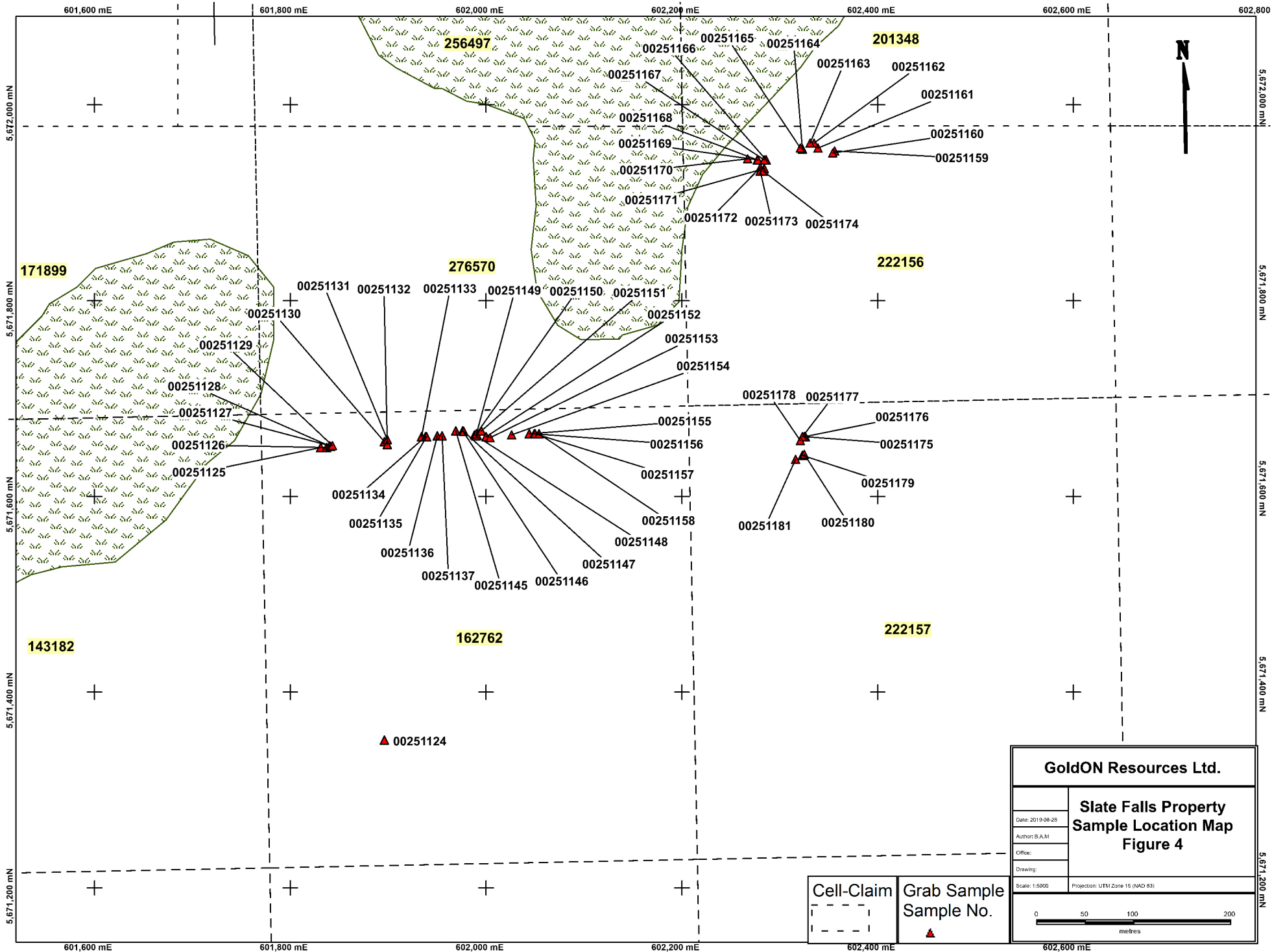
[red triangle symbol] 00251127

[red triangle symbol] 00251128

[red triangle symbol] 00251129

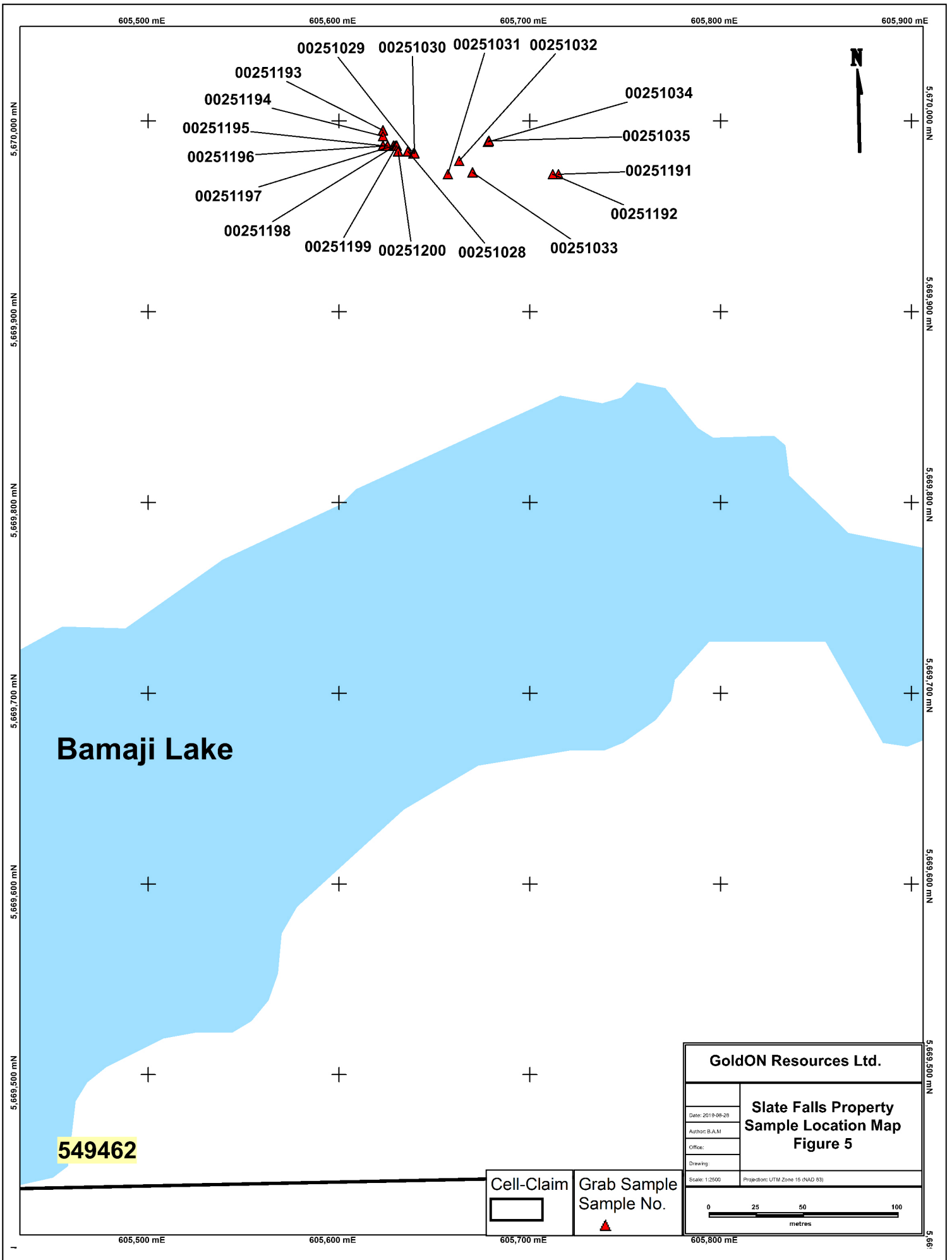
[red triangle symbol] 00251130





<b>GoldON Resources Ltd.</b>	
<b>Slate Falls Property Sample Location Map Figure 4</b>	
Date: 2019-08-28	
Author: B.A.M.	
Office:	
Drawing:	
Scale: 1:5000	Projection: UTM Zone 15 (NAD 83)
0 50 100 200 metres	

Cell-Claim	Grab Sample
- - - - -	Sample No.
	▲



**Bamaji Lake**

**549462**

**GoldON Resources Ltd.**

Date: 2019-08-29  
 Author: B.A.M.  
 Office:  
 Drawing:

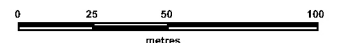
**Slate Falls Property  
 Sample Location Map  
 Figure 5**

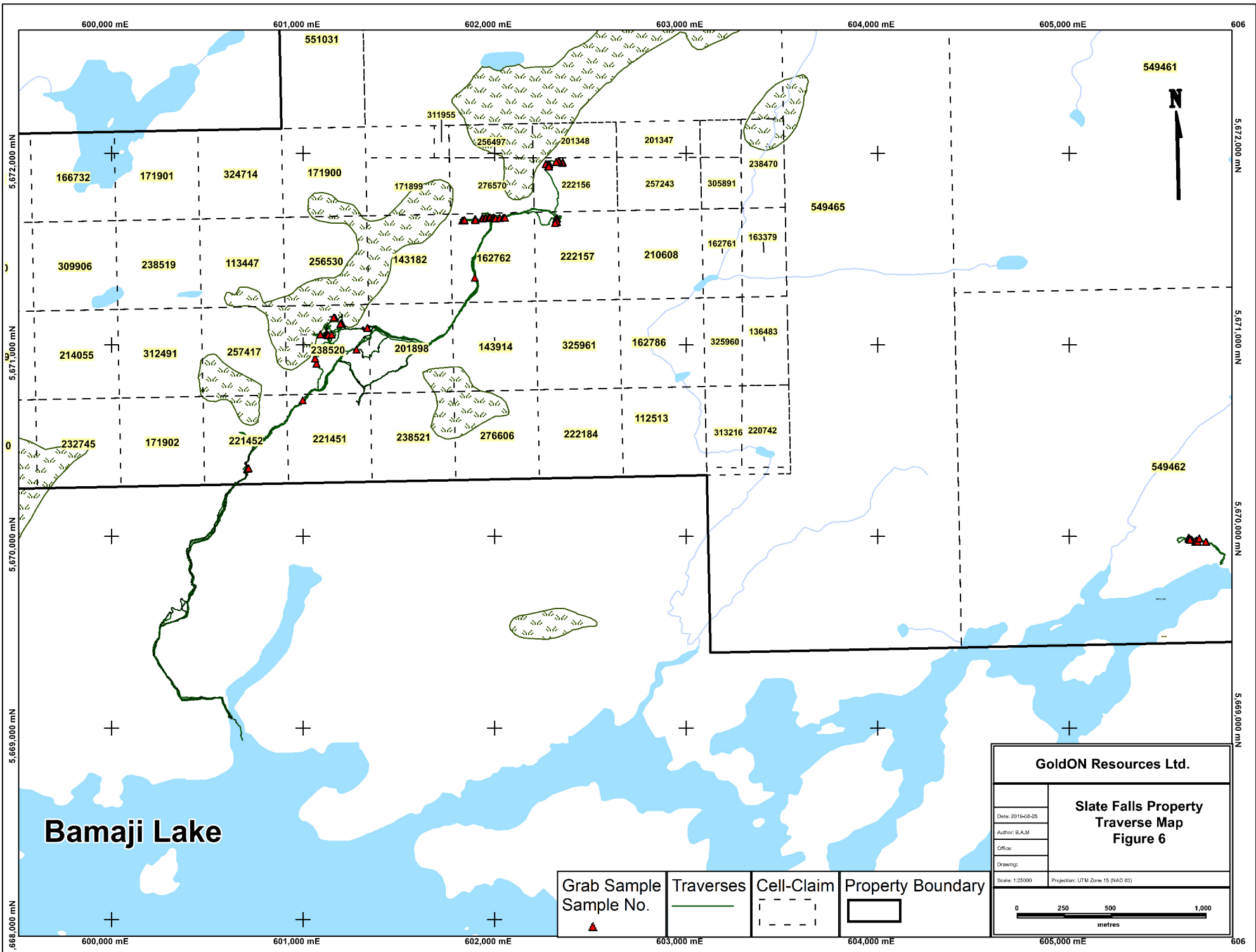
Scale: 1:2500 Projection: UTM Zone 18 (NAD 83)

Cell-Claim



Grab Sample  
 Sample No.

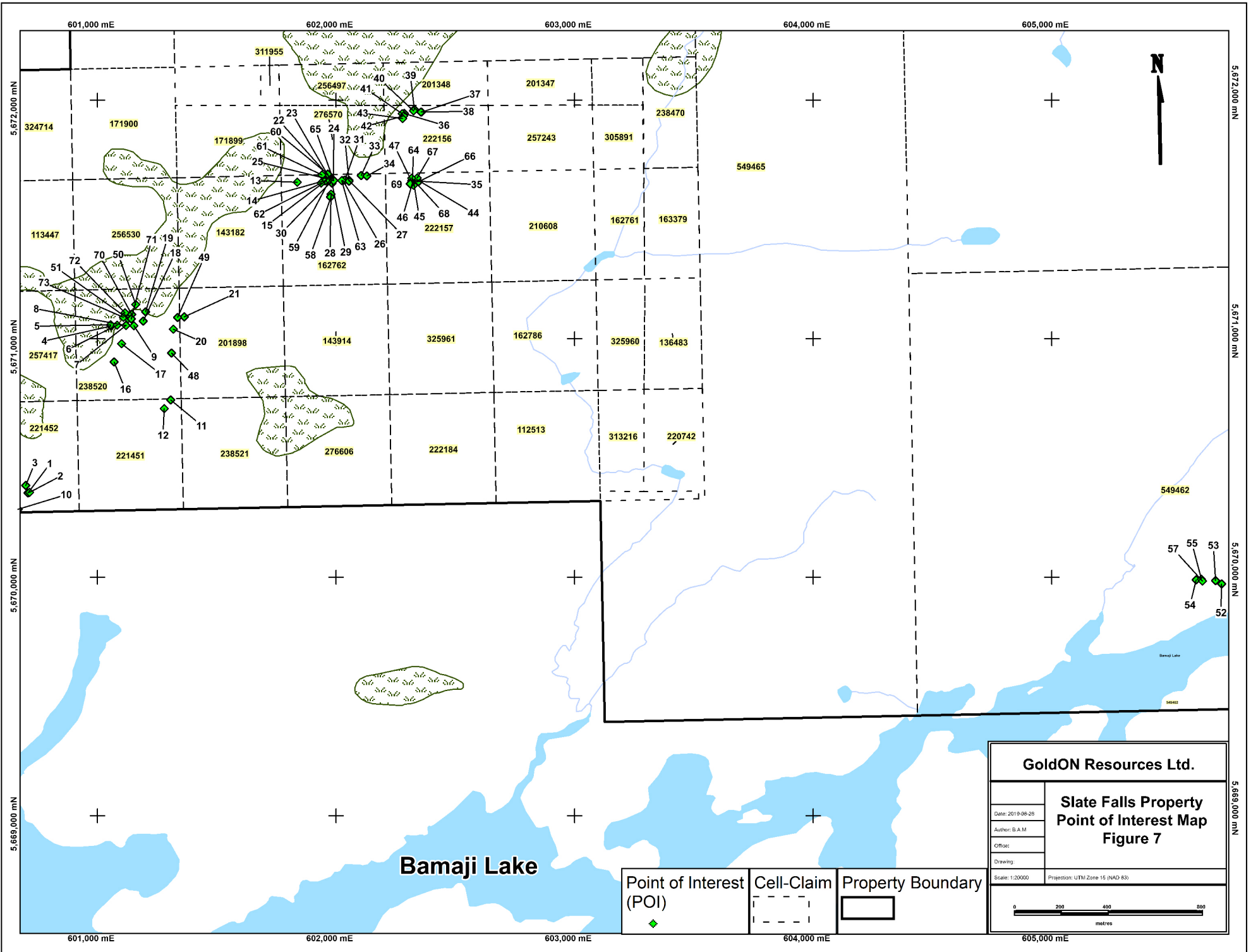




**Bamaji Lake**

<b>GoldON Resources Ltd.</b>	
<b>Slate Falls Property Traverse Map Figure 6</b>	
Date: 2016-08-25	Scale: 1:25000
Author: B.A.M	Projection: UTM Zone 15 (NAD 83)
Office:	
Drawing:	

<b>Grab Sample Sample No.</b> 	<b>Traverses</b> 	<b>Cell-Claim</b> 	<b>Property Boundary</b> 
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**GoldON Resources Ltd.**

**Slate Falls Property  
Point of Interest Map  
Figure 7**

Date: 2019-08-28
Author: B.A.M
Office:
Drawing:
Scale: 1:20000
Projection: UTM Zone 15 (NAD 83)

0 200 400 800 metres

Point of Interest (POI) ◆	Cell-Claim - - - - -	Property Boundary ▭
------------------------------	-------------------------	------------------------

**Bamaji Lake**



## 8.0 RESULTS and CONCLUSIONS

The main objectives of the current program were to document areas of historical exploration work and generate new targets through sampling and prospecting (including extensions to historical zones).

-Eleven grab samples (00251113-002511223) were collected in the vicinity of the historical Trail Zone. Eight of the eleven samples returned gold grades >10,000ppb Au and up to 331.76gpt Au and up to 3025gpt Ag (sample 00251119). Seven of the eleven samples returned Pb grades >1% and up to 8.95% (sample 00251119) and three samples returned Zn grades >1% and up to 1.9% Zn (sample 00251116) along the ~60metre-long stripped zone.

- Eight grab samples (00251140-00251144, 00251188-00251190) were collected in the area located immediately north of the historical Trail Zone. Gold grades up to 1.163gpt (sample 00251190) and silver grades up to 20gpt (sample 00251143) were returned from sampling here.

- Five grab samples (00251183-00251187) were collected in the area located immediately northeast of the historical Trail Zone. Gold grades up to 224ppb (sample 00251184) were returned from sampling here.

- Twenty-seven grab samples (00251125-00251137, 251145-00251158) were collected in the vicinity of the historical Sanderson Main Zone which is located approximately 1.05 kilometres northeast of the Trail Zone. Gold grades up to 41.97gpt (sample 00251146) and silver grades up to 1742gpt (sample 00251146) were returned along the ~225metre-long stripped zone.

- Seven grab samples (00251175-00251181) were collected in the vicinity of the Sanderson East Zone which is located approximately 275 metres east of the Sanderson Main Zone. Gold grades up to 10.14gpt Au (sample 00251178) and silver grades up to 416gpt (sample 00251176) was returned from sampling.

- Sixteen grab samples (00251159-00251174) were collected in the vicinity of the historical Sanderson North Zone which is located approximately 300 metres north of the Sanderson East Zone. Four of the sixteen samples returned gold grades >1.0gpt and up to 9.129gpt Au (sample 00251171) including 310gpt Ag.

- Eighteen grab samples (00251196-00251200, 00251028-00251035) were collected in the southeast portion of the claims and approximately 4.0 kilometres southeast of the Sanderson Main Zone. Sampling here returned gold grades up to 516ppb Au from a silicified, moderately sheared felsic intrusive outcrop which contained 1% disseminated pyrite.

- Seven grab samples (00251110-00251112, 00251124, 00251138-00251139, 00251182) were collected at various other targets on the property. Sample 00251110 returned 455ppb Au from a 2-3cm wide quartz vein, located near the southern boundary of the property.

## **9.0 RECOMMENDATIONS**

- Conduct an initial diamond drill program at the Trail, Sanderson Main, East and North Showings.
- Compile all historical data in MapInfo.
- Carry out a high-resolution magnetic survey over the entire property.



## 11.0 PERSONNEL

The following is a list of persons that carried out the prospecting and sampling program on the Slate Falls Property:

Bruce MacLachlan (Supervisor) 222 Emerald Street, Timmins, Ontario, P4R 1N3 (Travel, field work & data entry, 16 days) (4 days report preparation)	20 Days
Coleman Robertson 815a Maitland Ave. Ottawa, Ontario K2A 2S2 (Travel, field work & data entry, 16 days) (3 days report preparation)	19 Days

**Total Days 39**

## 12.0 STATEMENT of QUALIFICATIONS

I, Bruce A. MacLachlan, of the City of Timmins, Province of Ontario do hereby certify that:

1. I am a geological technician and prospector residing at: 222 Emerald Street, Timmins, Ontario, P4R 1N3.
2. I have continuously practised my profession for over 36 years. I have prepared reports, conducted, supervised and managed exploration programs for several major and junior mining companies including Noranda Exploration Company Limited, CanAlaska Uranium Ltd., Noront Resources Ltd., Bold Ventures Inc. and Canadian Orebodies Inc.
4. As author of this report and supervisor of the work program, I am familiar with the material covered in the report.
5. I have no direct or indirect interest in the Slate Falls Property.
6. Permission is granted for use of this report, in whole or in part, for assessment and qualification requirements.

DATED at Timmins, Ontario, this 9<sup>th</sup> day of September 2019.

"Bruce A. MacLachlan, P. Geo (Limited) APGO No. 1025  
(Signed and Sealed)



Bruce A. MacLachlan  
2099840 Ontario Inc. 1025  
"Emerald Geological Services"



### 13.0 REFERENCES

Dinel, E. and Pettigrew, N. 2008. Ontario Geological Survey, MAP P.3587, Precambrian Geology of the Fry Lake Area, West sheet, North-western Ontario, scale 1:20,000.

Dinel, E. and Pettigrew, N. 2008. Ontario Geological Survey, Open File Report 6208, Archean Bedrock Mapping in the Fry Lake Area, Meen-Dempster Greenstone Belt, North-western Ontario.

Previous government work and past mineral exploration of the Fry Lake area is summarized by Sage, Breaks and Troop (1973), Wallace (1983), Sage and Breaks (1982), Stott and Wallace (1984), Wallace (1985), Stott and Corfu (1991), Corfu and Stott (1993a), Seim (1993), and Corfu and Stott (1996).

Additional geological and geophysical data is also available from assessment files located in the Resident Geologist Office, Ministry of Northern Development and Mines, Thunder Bay, and in the Geology of Ontario Special Volume (Ontario Geological Survey 1991).

Hamilton, M.A., Stott, G.M., Dinel, E. and Pettigrew, N. 2007. Geochronology and revised tectonic assemblage subdivisions of the Fry Lake area, central Uchi Subprovince; in Summary of Field Work and Other Activities 2007, Ontario Geological Survey, Open File Report 6213, p.39-1 to 39-24.

Dome Exploration (Canada) Limited, 1966: Trenching on Claims, Wesleyan Lake. Ontario Ministry of Northern Development and Mines, AFRI 52O04NE9639.

Gertzbein, P. M., B. V. D'Silva and D. P. Parker, 1999: Report of work, Linecutting and magnetic survey, Slate Falls Project, North Bamaji Lake area, Patricia Mining Division, District of Kenora, Ontario. Ontario Ministry of Northern Development and Mines, AFRI 52O03NW2002.

D'Silva, B. V. and D. P. Parker, 2000: Ontario Prospectors Assistance Program, 1999 Final submission, Slate Falls Project, North Bamaji Lake Area, Patricia Mining Division, District of Kenora, Ontario. Ontario Ministry of Northern Development and Mines, AFRI 52O04NE2002.

Nelson, B., 2002: Report on 2002 summer exploration program at the Slate Falls Property of Gold Summit Mines Ltd., Wesleyan Lake and Fry Lake Areas, Patricia Mining Division, Ontario, NTS 52O/3 and 52O/4. Ontario Ministry of Northern Development and Mines, AFRI 52O03NW2005.

Orezone Resources Inc., 1997: Slate Falls Project: Report on prospecting, sampling and mapping, June 18 to July 3, 1997. Ontario Ministry of Northern Development and Mines, AFRI 52O03NW0019.

Parker, D. P., B. V. D'Silva and P. M. Gertzbein, 1995: Geological Report of the Slate Falls Property, North Bamaji Lake Area, Patricia Mining Division, District of Kenora, Ontario. Ontario Prospectors Assistance Program, 1995 Final Report. Ontario Ministry of Northern Development and Mines, AFRI 52O03NW0001.

Parker, D. P., 1997: Slate Falls Property, Report of stripping program for Orezone Resources Inc. Ontario Ministry of Northern Development and Mines, AFRI 52O04NE2001.

Sulpetro Minerals Ltd., 1984: Diamond Drilling, Wesleyan Lake Area. Ontario Ministry of Northern Development and Mines, AFRI 52O04NE0009.

Sulpetro Minerals Ltd., 1984: Assay certificates, Wesleyan Lake Area diamond drilling. Ontario Ministry of Northern Development and Mines, AFRI 52O04NE0008.

Umex Corporation Limited, 1974: Diamond Drilling, Area of Wesleyan Lake. Ontario Ministry of Northern Development and Mines, AFRI 52O04NE0012.

Zalnieriunas, R. V., 1983: Report on geological survey, Bamaji Lake Option, Project 3357, NTS 52 O/4, Sulpetro Minerals Limited. Ontario Ministry of Northern Development and Mines, AFRI 52O04NE0010.

# **APPENDIX I**

## **Rock Sample Descriptions (Table 1)**



Grab Sample Descriptions Table-1

Sample_No.	Date	Easting	Northing	Elevation	Au (ppb) GE_FAI313	Au g/t (ppb/1000) or GO_FAG313	Ag (ppm) GE_ICP40B	Ag g/t (1ppm=1g/t) or GO_FAG313	Area	Description	Claim_Cell	Sample_Type	Rock_Type	Rock_Code
251124	19-May-19	601896	5671351	405	25	0.025	1	1	Old Road to Sanderson trench	Weakly sheared, weakly-moderately foliated mafic volcanic with 1-2cm pinch-swell quartz stringer. Glassy to sugary, grey-white quartz with some rust.	162762	Rubble	Mafic Volcanic	MV
251125	19-May-19	601831	5671650	413	172	0.172	5	5	Sanderson Trench	Up to 10cm, sugary to glassy, white-grey quartz vein. Minor-moderate rust, several sub-parallel rusty fractures. Trace-0.5% pyrite.	162762	Rubble	Quartz Vein	QV
251126	19-May-19	601837	5671650	415	23	0.023	9	9	Sanderson Trench	Sugary to glassy, rusty, white-grey quartz vein. Trace pyrite.	162762	Rubble	Quartz Vein	QV
251127	19-May-19	601840	5671652	408	221	0.221	13	13	Sanderson Trench	15 by 10 by 25cm quartz block. Sugary, white-grey, minor rust, 0.5% pyrite, trace chalcopyrite.	162762	Rubble	Quartz Vein	QV
251128	19-May-19	601841	5671651	408	247	0.247	5	5	Sanderson Trench	15 by 15 by 7.5cm quartz block, glassy to sugary, white-grey, minor-moderate rust, minor hematite, trace-0.5% pyrite.	162762	Rubble	Quartz Vein	QV
251129	19-May-19	601843	5671652	408	63	0.063	2	2	Sanderson Trench	Glassy to sugary, grey-white quartz vein in fine-grained grey sediments. Minor rust, trace pyrite. 270 degree shear with 73 degree dip N.	162762	Outcrop	Quartz Vein	QV
251130	19-May-19	601896	5671656	408	2	0.002	1	1	Sanderson Trench	Rusty, moderately sheared sediments with blebs of quartz/quartz-carb containing possible ankerite in the center. Minor quartz vein on margin.	162762	Rubble	Sediment	SED
251131	19-May-19	601899	5671658	408	1	0.001	1	1	Sanderson Trench	Moderately sheared, weakly-moderately schistose mafic volcanic with minor-moderate quartz along foliation. 2-3cm sub-rounded inclusions with rusty rims.	162762	Rubble	Mafic Volcanic	MV
251132	19-May-19	601899	5671653	408	3234	3.234	101	314	Sanderson Trench	Rusty, sugary, grey-white quartz vein. 0.5% pyrite, 0.5% chalcopyrite, trace galena, trace malachite, minor ankerite.	162762	Rubble	Quartz Vein	QV
251133	19-May-19	601934	5671661	409	103	0.103	4	4	Sanderson Trench	Glassy to sugary, white-grey quartz vein. Trace pyrite.	162762	Rubble	Quartz Vein	QV
251134	19-May-19	601938	5671661	409	104	0.104	1	1	Sanderson Trench	10 by 7.5 by 7.5cm quartz block. Sugary to glassy, white-grey, minor-moderate rust, 1% fine disseminated pyrite, some rusty sub-parallel fractures.	162762	Rubble	Quartz Vein	QV
251135	19-May-19	601939	5671661	409	156	0.156	2	2	Sanderson Trench	Glassy to sugary, white quartz vein. Trace pyrite cubes, trace galena.	162762	Rubble	Quartz Vein	QV
251136	19-May-19	601950	5671662	405	168	0.168	3	3	Sanderson Trench	2-3cm quartz stringer in mafic shear which is moderate to locally strong. (265 degrees, 74 degree dip N, 240 degree trend where stronger). 0.5-1% fine disseminated pyrite.	162762	Outcrop	Quartz Vein	QV
251137	19-May-19	601955	5671662	405	1947	1.947	101	99	Sanderson Trench	Quartz vein with some sedimentary wall rock containing 5% fine disseminated pyrite; trace-0.5% in quartz, 0.5% overall.	162762	Outcrop	Quartz Vein	QV
251145	21-May-19	601969	5671667	404	887	0.887	101	111	Sanderson Trench	30 by 30 by 20cm quartz block, glassy to sugary, white, locally rusty, 0.5% pyrite, trace-0.5% galena.	162762	Rubble	Quartz Vein	QV
251146	21-May-19	601976	5671667	402	10001	41.97	101	1742	Sanderson Trench	Rusty quartz vein near old channel sample. 10% galena, 2-3% pyrite. Possible minor ankerite.	162762	Outcrop	Quartz Vein	QV
251147	21-May-19	601977	5671666.5	402	678	0.678	54	54	Sanderson Trench	15 by 30 by 10cm quartz block. Glassy to sugary, white-grey, contains minor pyritic mafic fragments. Trace-0.5% pyrite overall, trace azurite and malachite.	162762	Rubble	Quartz Vein	QV
251148	21-May-19	601988	5671663	412	668	0.668	14	14	Sanderson Trench	Glassy, white quartz vein with mafic fragments containing 30-40% fine pyrite, 1-2% pyrite overall.	162762	Outcrop	Quartz Vein	QV
251149	21-May-19	601989.5	5671662	412	543	0.543	46	46	Sanderson Trench	20 by 20 by 20cm quartz block. Somewhat sugary, grey-white, trace chalcopyrite, trace pyrite, trace azurite, trace malachite.	162762	Rubble	Quartz Vein	QV
251150	21-May-19	601990	5671664	412	10001	17.09	101	1535	Sanderson Trench	Glassy, white quartz vein. Moderate rust, possible minor ankerite. 30-40% fine galena, 1-2% pyrite.	162762	Rubble	Quartz Vein	QV
251151	21-May-19	601995	5671667	412	466	0.466	56	56	Sanderson Trench	Glassy, white quartz vein at location of old channel sample. Minor hematite.	162762	Outcrop	Quartz Vein	QV
251152	21-May-19	602000	5671661	410	10001	11.63	101	141	Sanderson Trench	Trench rubble in the water, possible outcrop. Quartz with 5-10% pyrite, sometimes in bands, with 2-3% dark grey-black fine mineral(s), locally larger crystals (sphalerite?).	162762	Rubble	Quartz Vein	QV
251153	21-May-19	602004	5671660	410	2943	2.943	49	49	Sanderson Trench	Glassy, white-grey quartz vein containing moderate sheared mafic fragments with ubiquitous pyrite, 20% pyrite overall. Minor-moderate rust, possible minor ankerite, trace azurite, trace malachite.	162762	Rubble	Quartz Vein	QV
251154	21-May-19	602026	5671663	409	847	0.847	45	45	Sanderson Trench	Trench rubble close to similar outcrop. Sheared mafic volcanic with moderate glassy, white quartz veining. 5-10% pyrite overall, ubiquitous in mafic fragments. Trace-0.5% chalcopyrite blebs, trace azurite and malachite.	162762	Rubble	Mafic Volcanic	MV
251155	21-May-19	602044	5671664	401	54	0.054	4	4	Sanderson Trench	1-2cm rusty, glassy, white quartz vein with minor hematite. 092 degrees, subvertical dip.	162762	Outcrop	Quartz Vein	QV
251156	21-May-19	602049	5671664	401	5807	5.807	101	155	Sanderson Trench	5m east of previous. 2cm glassy, white-grey quartz vein with 2-3% pyrite. 096 degrees, subvertical dip.	162762	Outcrop	Quartz Vein	QV
251157	21-May-19	602050	5671664	401	3130	3.13	101	236	Sanderson Trench	1m east of previous, same vein. Glassy, white, 3-4% galena, 2-3% chalcopyrite, 2-3% pyrite.	162762	Outcrop	Quartz Vein	QV
251158	21-May-19	602054	5671664	401	206	0.206	7	7	Sanderson Trench	4m east of previous, separate vein. 1-2cm quartz stringer in rusty, sheared mafic volcanics. Trace-0.5% pyrite and chalcopyrite, minor pyritic mafic fragments.	162762	Outcrop	Quartz Vein	QV
251191	26-May-19	605715	5669972	406	135	0.135	1	1	East Claims	Weakly foliated tonalite. Minor rust, trace pyrite.	163377	Outcrop	Tonalite	TON
251192	26-May-19	605712	5669972	407	92	0.092	1	1	East Claims	Weakly-moderately foliated, silicified tonalite. 0.5% pyrite.	163377	Outcrop	Tonalite	TON

251193	26-May-19	605623	5669995	405	230	0.23	1	1	East Claims	Wkly-mod silicified, altered granodiorite with 1cm orange-white quartz stringer. Minor-moderate rust, minor-moderate white mica, 1% very fine pyrite, mainly cubic. Some fractures at ~40 degrees to qs walls, qs is recrystallized and has min-mod hematite.	163377	Frost Heave	Granodiorite	GRANO
251194	26-May-19	605623	5669992	405	128	0.128	1	1	East Claims	Weakly-moderately silicified, altered granodiorite with 1cm orange-white quartz stringer. Minor-moderate rust, minor-moderate white mica, trace-0.5% pyrite.	163377	Frost Heave	Granodiorite	GRANO
251195	26-May-19	605623	5669987	394	0.5	0	1	1	East Claims	Quartz beneath tree root from vein in outcrop. Glassy, red-orange-white. Moderate-strong hematite, minor-moderate rust, trace pyrite.	163377	Outcrop	Quartz Vein	QV
251196	26-May-19	605625.5	5669987	394	0.5	0	1	1	East Claims	Same vein as previous. 2-3cm glassy, white-red quartz stringer in E-W felsic intrusive shear. Minor rust, minor-moderate hematite.	163377	Outcrop	Quartz Vein	QV
251197	26-May-19	605628.5	5669987	394	0.5	0	1	1	East Claims	Same vein as previous, 35cm wide here. Glassy to sugary, light orange-white.	163377	Outcrop	Quartz Vein	QV
251198	26-May-19	605629.5	5669987	394	0.5	0	1	1	East Claims	Same vein as previous, 5cm wide here. Glassy to sugary, white-red-orange, moderate hematite, rusty, 1% pyrite at margin, mainly cubes. Vein/shr trends 095 degrees, x-cutting fractures at ~065 degrees.	163377	Outcrop	Quartz Vein	QV
251199	26-May-19	605630.2	5669987	394	9	0.009	1	1	East Claims	Wall rock of same vein as previous. Sheared, silicified felsic intrusive (granodiorite?). Minor-moderate rust, 1% fine disseminated pyrite. Vein/shr trends 095 degrees, x-cutting fractures at ~065 degrees.	163377	Outcrop	Granodiorite	GRANO
251200	26-May-19	605631	5669984	401	0.5	0	1	1	East Claims	Same vein as previous, 30cm wide here. Glassy, white-orange-red. Vein/shr trends 095 degrees, x-cutting fractures at ~065 degrees.	163377	Outcrop	Quartz Vein	QV
251028	26-May-19	605636	5669984	401	0.5	0	1	1	East Claims	Same vein as previous, ~80cm wide here. Glassy, white-orange-red, minor hematite, trace pyrite.	163377	Outcrop	Quartz Vein	QV
251029	26-May-19	605639	5669983	401	0.5	0	1	1	East Claims	Same vein as previous, ~10-15cm wide here. Glassy, white-orange-red, minor hematite, trace pyrite.	163377	Outcrop	Quartz Vein	QV
251030	26-May-19	605639.5	5669983	401	0.5	0	1	1	East Claims	Same vein as previous, ~15cm wide here. Glassy to sugary, white-orange.	163377	Outcrop	Quartz Vein	QV
251031	26-May-19	605657	5669972	400	116	0.116	7	7	East Claims	Glassy to sugary, white-grey-red, recrystallized quartz vein with minor-moderate hematite. Wall rock is highly altered/bleached. Trace pyrite. Some mafic fragments or possibly tourmaline.	163377	Outcrop	Quartz Vein	QV
251032	26-May-19	605663	5669979	405	35	0.035	1	1	East Claims	~5cm glassy to sugary quartz vein with minor-moderate hematite. Sheared, bleached and altered felsic intrusive wall rock.	163377	Outcrop	Quartz Vein	QV
251033	26-May-19	605670	5669973	404	516	0.516	5	5	East Claims	Silicified, moderately sheared felsic intrusive with minor-moderate rust, minor-moderate sericite. 1% disseminated pyrite.	163377	Outcrop	Felsic Intrusive	FINT
251034	26-May-19	605678	5669989	401	65	0.065	1	1	East Claims	Silicified, weakly-moderately foliated, weakly sheared tonalite. Minor-moderate rust, minor sericite, 1% disseminated pyrite. Possible trace galena in <1cm quartz stringer. Shear in outcrop trends ~080 degrees.	163377	Outcrop	Tonalite	TON
251035	26-May-19	605678.5	5669989.5	401	89	0.089	1	1	East Claims	Silicified, weakly-moderately foliated, weakly sheared tonalite. Minor-moderate rust, minor sericite, 1% disseminated pyrite.	163377	Frost Heave	Tonalite	TON
251112	18-May-19	600998	5670711	410	0.5	0	1	1	South claims old road	Dark grey fine-grained sediment, banding of quartz/darker layers. 1-2cm quartz layers/veins, recrystallized, locally rusty. Similar outcrop nearby.	221451	Frost Heave	Sediment	SED
251110	18-May-19	600709	5670354	405	455	0.455	5	5	South claims path	2-3cm, sugary quartz vein in felsic dyke in mafic volcanics. Rusty, weakly-moderately sheared volcanics. 1% pyrite overall.	221452	Outcrop	Quartz Vein	QV
251111	18-May-19	600715	5670356	405	0.5	0	1	1	South claims old road	~25cm quartz vein in rusty mafic volcanics. Sugary, white quartz. Vein is 4m+ long.	221452	Outcrop	Quartz Vein	QV
251159	23-May-19	602356	5671953	400	663	0.663	93	93	Sanderson North Trench	Glassy, grey-white quartz vein, minor-moderate rust, rusty fractures, trace-0.5% pyrite, trace-0.5% chalcocopyrite.	222156	Rubble	Quartz Vein	QV
251160	23-May-19	602354	5671951	400	322	0.322	18	18	Sanderson North Trench	Trench rubble close to similar outcrop. Glassy to sugary, white-grey quartz vein with a bit of pyritic MV wall rock. Trace pyrite and chalcocopyrite, mainly in wall rock.	222156	Rubble	Quartz Vein	QV
251161	23-May-19	602339	5671956	404	23	0.023	3	3	Sanderson North Trench	Silicified, moderately sheared mafic volcanic with 5% disseminated pyrite.	222156	Outcrop	Mafic Volcanic	MV
251162	23-May-19	602335	5671961	403	418	0.418	6	6	Sanderson North Trench	Silicified felsic intrusive adjacent to mafic volcanic. Minor rust, 5% pyrite.	222156	Outcrop	Mafic Volcanic	MV
251163	23-May-19	602331	5671961	403	330	0.33	57	57	Sanderson North Trench	5cm+ glassy to sugary, white-grey quartz vein. Trace-0.5% chalcocopyrite, trace malachite and azurite.	222156	Outcrop	Quartz Vein	QV
251164	23-May-19	602323	5671955	404	7	0.007	1	1	Sanderson North Trench	Glassy to sugary, grey-white quartz vein. Trace pyrite, chalcocopyrite and possible galena.	222156	Outcrop	Quartz Vein	QV
251165	23-May-19	602321	5671956	400	1307	1.307	33	33	Sanderson North Trench	~15cm glassy to sugary, white to locally grey quartz vein in rusty shear, 097/80 degrees S. Trace pyrite, trace-0.5% sphalerite with minor associated ankerite.	222156	Outcrop	Quartz Vein	QV
251166	23-May-19	602286	5671944	397	72	0.072	29	29	Sanderson North Trench	0.6m quartz vein at 090 degrees in shear. Glassy to sugary, white-grey, minor mafic wall rock. Trace-0.5% pyrite. Numerous fractures perpendicular to vein strike.	222156	Outcrop	Quartz Vein	QV
251167	23-May-19	602284	5671944	397	887	0.887	81	81	Sanderson North Trench	Same vein as previous. Glassy, white to locally grey, some pyritic mafic wall rock. 0.5-1% pyrite overall, mainly in wall rock, trace-0.5% chalcocopyrite, trace malachite and azurite.	222156	Outcrop	Quartz Vein	QV

251168	23-May-19	602277	5671944	397	606	0.606	26	26	Sanderson North Trench	Same vein as previous. Glassy, white to locally grey, trace-1% chalcopyrite.	222156	Outcrop	Quartz Vein	QV
251169	23-May-19	602277.5	5671944	397	1031	1.031	99	99	Sanderson North Trench	Wall rock of previous vein. Sheared mafic volcanic with a 2-3mm quartz stringer. 1% pyrite, trace chalcopyrite.	222156	Outcrop	Mafic Volcanic	MV
251170	23-May-19	602267	5671945	395	2	0.002	1	1	Sanderson North Trench	Probable strike extension of previous vein. 5-10cm, glassy, white-grey.	222156	Outcrop	Quartz Vein	QV
251171	23-May-19	602284	5671935	393	9129	9.129	101	310	Sanderson North Trench	Quartz stringer on south margin of E-W trending, ~1m wide felsic to intermediate dyke. Glassy, grey-white, 0.5% galena, 0.5% chalcopyrite.	222156	Outcrop	Felsic Dyke	FD
251172	23-May-19	602280	5671936	393	30	0.03	1	1	Sanderson North Trench	North margin of previous 1m E-W trending felsic to intermediate dyke. Fine-grained, silicified, 1% disseminated pyrite.	222156	Outcrop	Felsic Dyke	FD
251173	23-May-19	602280	5671932.5	393	177	0.177	8	8	Sanderson North Trench	10cm glassy, white-grey quartz vein in mafic shear. Minor rust, multiple fractures.	222156	Outcrop	Quartz Vein	QV
251174	23-May-19	602283	5671932.5	393	3894	3.894	101	108	Sanderson North Trench	Strike extension of previous vein to E. Rusty quartz vein with some mafic wall rock. Glassy, grey-white, trace pyrite, trace chalcopyrite. Magnetite layer in wall rock.	222156	Outcrop	Quartz Vein	QV
251175	23-May-19	602326	5671661	398	1145	1.145	67	67	Sanderson East Trench	Rusty, glassy, white-orange quartz vein. Recrystallized appearance, minor ankerite, 1-2% galena, 0.5% sphalerite, trace-0.5% chalcopyrite, trace pyrite.	222157	Outcrop	Quartz Vein	QV
251176	23-May-19	602325	5671661	398	7403	7.403	101	416	Sanderson East Trench	Same vein as previous, here 20cm thick and trending 100 degrees with subvertical dip. Glassy, white-grey, minor-moderate rust, minor mafic wall rock, 1% chalcopyrite, 1% galena, 1% sphalerite.	222157	Outcrop	Quartz Vein	QV
251177	23-May-19	602323	5671661	398	1240	1.24	35	35	Sanderson East Trench	Same vein as previous, here 5cm thick and trending 088 degrees with subvertical dip. Glassy, white-grey, 1% sphalerite, trace-0.5% pyrite, some in wall rock.	222157	Outcrop	Quartz Vein	QV
251178	23-May-19	602321	5671657	398	10001	10.14	101	123	Sanderson East Trench	7.5cm quartz vein in rusty shear at 074 degrees with subvertical dip, possible slight S bias. Glassy, white, minor rust, 2-3% chalcopyrite, 2-3% sphalerite, 0.5% coppery, metallic mineral, a bit pinkish at first glance (possible native Cu?).	222157	Outcrop	Quartz Vein	QV
251179	23-May-19	602323	5671642	405	447	0.447	10	10	Sanderson East Trench	12-13cm glassy, white to locally grey quartz vein in mafic shear. 285/80 degrees N.	222157	Outcrop	Quartz Vein	QV
251180	23-May-19	602325	5671643	405	597	0.597	11	11	Sanderson East Trench	10cm glassy, grey-white quartz vein in mafic shear. Minor rust, minor wall rock, trace pyrite near wall rock.	222157	Outcrop	Quartz Vein	QV
251181	23-May-19	602316	5671638	402	97	0.097	3	3	Sanderson East Trench	2cm glassy, white quartz vein with some mafic volcanic wall rock. Minor rust, trace pyrite.	222157	Rubble	Quartz Vein	QV
251113	18-May-19	601090	5671055	401	0.5	0	3	3	Trail Zone Trench	Laminated sediments with <1cm quartz stringer, minor rust. <1mm lighter laminations are subparallel, and quartz stringer cuts laminations at ~90 degrees. Trace pyrite.	238520	Rubble	Sediment	SED
251114	18-May-19	601120	5671056	402	10001	112.82	101	933	Trail Zone Trench	5cm white-grey, locally recrystallized, locally smoky quartz vein. 1% pyrite/chalcopyrite, 1% euhedral galena, 0.5% sphalerite. Some malachite staining.	238520	Rubble	Quartz Vein	QV
251115	18-May-19	601120.5	5671056	402	10001	267.11	101	2119	Trail Zone Trench	3-4cm, locally sugary, locally recrystallized quartz vein. 2-3% pyrite/chalcopyrite, 1-2% euhedral galena, 0.5% sphalerite.	238520	Rubble	Quartz Vein	QV
251116	18-May-19	601121.2	5671056	402	10001	282.94	101	2141	Trail Zone Trench	Grey-white, sugary, recrystallized quartz vein with 1% pyrite/chalcopyrite, 1% galena, 1% sphalerite and minor malachite staining.	238520	Rubble	Quartz Vein	QV
251117	18-May-19	601122.2	5671056	402	10001	162	101	1832	Trail Zone Trench	5cm, white, sugary, recrystallized quartz vein with 1% pyrite, 1% galena, 0.5% sphalerite.	238520	Rubble	Quartz Vein	QV
251118	18-May-19	601121.4	5671055	402	10001	106.1	101	1064	Trail Zone Trench	White-grey, recrystallized, rusty quartz vein with 3-4% euhedral galena 0.5% subhedral-euhedral pyrite, 0.5% sphalerite.	238520	Rubble	Quartz Vein	QV
251119	18-May-19	601122.1	5671055	404	10001	331.76	101	3025	Trail Zone Trench	White, recrystallized quartz vein with 2-3% galena as up to 2-3mm cubes, 1% subhedral pyrite, trace sphalerite.	238520	Rubble	Quartz Vein	QV
251120	18-May-19	601125	5671054	404	435	0.435	3	3	Trail Zone Trench	Quartz-rich, siliceous felsic intrusive with 1% fine disseminated pyrite cubes and 1% sphalerite wisps. Has 2-3cm glassy, white-grey quartz vein.	238520	Rubble	Felsic Intrusive	FINT
251121	18-May-19	601125.7	5671053	404	3177	3.177	17	17	Trail Zone Trench	Quartz-rich, siliceous felsic intrusive with 1% fine disseminated pyrite cubes and 1% sphalerite wisps. Has 2-3mm quartz stringers.	238520	Rubble	Felsic Intrusive	FINT
251122	18-May-19	601131	5671051	403	10001	12.84	101	131	Trail Zone Trench	~10cm white-grey, sugary to glassy quartz vein with trace-0.5% chalcopyrite and sphalerite, and minor malachite staining.	238520	Rubble	Quartz Vein	QV
251123	18-May-19	601150	5671054	399	10001	32.95	101	542	Trail Zone Trench	White-grey, glassy to sugary, locally recrystallized quartz vein with 1% pyrite/chalcopyrite, 2-3% euhedral galena and trace-0.5% sphalerite. A little loose in outcrop but appears to trend about 100 degrees with subvertical dip, following shear.	238520	Outcrop	Quartz Vein	QV
251138	20-May-19	601070	5670903	414	8	0.008	1	1	South of Trail Zone	Rusty, moderately sheared mafic volcanic in contact with a fine-med-grained laminated sediment. Minor quartz along foliation planes, trace-0.5% very fine pyrite. Contact 304/63 degree dip to NE.	238520	Outcrop	Mafic Volcanic	MV
251139	20-May-19	601063	5670930	406	14	0.014	1	1	South of Trail Zone	Weakly-moderately sheared, altered mafic volcanic. Minor-moderate quartz-carbonate blebs/veins and trace-0.5% associated pyrite.	238520	Frost Heave	Mafic Volcanic	MV

251140	20-May-19	601202	5671113	396	97	0.097	1	1	Trench North of Trail Zone	Glassy, white, locally grey quartz vein with minor rust. Vein is in mafic volcanics, is 15-16cm wide and strikes 192 degrees/72 degree dip to W.	238520	Outcrop	Quartz Vein	QV
251141	20-May-19	601202	5671113.5	396	293	0.293	1	1	Trench North of Trail Zone	Same vein as previous. Glassy, white to locally grey, minor-moderate rust, minor-moderate hematite, trace pyrite.	238520	Outcrop	Quartz Vein	QV
251142	20-May-19	601202	5671114	396	437	0.437	1	1	Trench North of Trail Zone	Same vein as previous. Glassy, white to locally grey, minor-moderate rust, minor-moderate hematite, trace-0.5% pyrite.	238520	Outcrop	Quartz Vein	QV
251143	20-May-19	601202	5671110	396	111	0.111	20	20	Trench North of Trail Zone	Glassy to sugary, white-grey quartz vein. Trace pyrite, trace-0.5% galena, minor rust. Likely from same vein as previous sample.	238520	Rubble	Quartz Vein	QV
251144	20-May-19	601195	5671110	391	174	0.174	10	10	Trench North of Trail Zone	Altered, bleached felsic intrusive (?) with 1-2cm quartz vein. Minor-moderate rust, 0.5% fine disseminated pyrite.	238520	Outcrop	Felsic Intrusive	FINT
251182	24-May-19	601279	5670976	400	0.5	0	1	1	East of Trail Zone	Rusty, altered, weakly foliated mafic volcanic subcrop beneath overturned roots. Minor-moderate contorted quartz-carb alteration, trace pyrite.	238520	Frost Heave	Mafic Volcanic	MV
251183	24-May-19	601336	5671089	410	33	0.033	1	1	Trench East of Trail Zone	Weakly silicified quartz diorite (?) with 2mm quartz stringer. 0.5-1% disseminated pyrite, pyrite and possible sphalerite within stringer. Rusty surface.	238520	Rubble	Quartz Diorite	QDIO
251184	24-May-19	601335.5	5671088.7	410	224	0.224	17	17	Trench East of Trail Zone	3-4cm, glassy, white-grey-orange quartz vein in altered, silicified felsic intrusive. 1-2% pyrite, trace sphalerite. Rusty surface.	238520	Rubble	Felsic Intrusive	FINT
251185	24-May-19	601335	5671088.7	410	12	0.012	1	1	Trench East of Trail Zone	Altered, silicified felsic intrusive with moderate quartz stringers. 0.5% disseminated pyrite. Minor rust.	238520	Rubble	Felsic Intrusive	FINT
251186	24-May-19	601334.5	5671088.7	410	216	0.216	10	10	Trench East of Trail Zone	Rusty, moderately sheared felsic intrusive with 1-2cm glassy, white-grey-orange quartz stringer with recrystallized appearance. 0.5% fine pyrite.	238520	Outcrop	Felsic Intrusive	FINT
251187	24-May-19	601334.5	5671088.4	410	3	0.003	1	1	Trench East of Trail Zone	Extremely altered, strongly sheared felsic intrusive. 270 degree shear, subvertical dip with possible slight bias to N.	238520	Outcrop	Felsic Intrusive	FINT
251188	24-May-19	601166	5671143	399	384	0.384	9	9	Trench Northeast of Trail Zone	Altered, weakly foliated felsic intrusive with 1-2cm quartz stringer. Minor-moderate rust, fractures, 1% pyrite throughout. Trace chalcopyrite in stringer.	238520	Outcrop	Felsic Intrusive	FINT
251189	24-May-19	601165	5671143	399	407	0.407	15	15	Trench Northeast of Trail Zone	5cm+ sugary, white-orange to locally smoky grey quartz vein. 0.5% chalcopyrite, trace-0.5% galena.	238520	Rubble	Quartz Vein	QV
251190	24-May-19	601160	5671143	399	1163	1.163	17	17	Trench Northeast of Trail Zone	Strongly sheared and altered felsic intrusive with a couple of 2-3cm quartz stringers in 30cm wide shear. Shear trends 096/79 degrees S. Possible minor tremolite.	238520	Outcrop	Felsic Intrusive	FINT

## **APPENDIX II**

### **Rock Assay Certificates (SGS Labs)**



**Certificate of Analysis**  
**Work Order : SD190200**  
**[Report File No.: 0000035781]**

Date: June 20, 2019

To: **GoldON Resources**  
**COD SGS MINERALS - GEOCHEM VANCOUVER**  
C/O F406501 SGS ASSAYERS  
3260 PRODUCTION WAY  
BURNABY BC V5A 4W4

P.O. No.: RUSH  
Project No.: GOLDON-3  
Samples: 10  
Received: Jun 4, 2019  
Pages: Page 1 to 7  
(Inclusive of Cover Sheet)

**Methods Summary**

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
10	G_LOG02	Pre-preparation processing, sorting, logging, boxing
10	G_WGH79	Weighing of samples and reporting of weights
10	G_PRP89	Weigh, dry,(up to3.0 kg) crush to 75% passing 2 mm, split 250 g, pulverize to
10	GE_FAI313	@Au, Pt, Pd, FAS, ICP-AES, 30g - 5ml (Clean Pots only)
10	GE_ICP40B	Multi-acid (4-acid) digestion/ICP-AES package
7	GO_ICP41Q	Ore-Grade, 4-Acid Digest/ICP-AES
10	G_SHIP	Shipping
9	GO_FAG333	Ore grade Ag grav Au grav 30g Pb fusion FAS

**Storage: Pulp & Reject**

REJECT STORAGE : RETURN AFTER 30 DAYS  
PULP STORAGE : RETURN AFTER 90 DAYS

Certified By :

Gerald Chik  
Operations Manager/Chief Chemist

*SGS Minerals Services Geochemistry Vancouver conforms to the requirements of ISO/IEC 17025 for specific tests as listed on their scope of accreditation which can be found at <http://www.scc.ca/en/search/palcan/sgs>*

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample  
n.a. = Not applicable -- = No result  
\*INF = Composition of this sample makes detection impossible by this method  
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion  
Methods marked with an asterisk (e.g. \*NAA08V) were subcontracted  
Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Element Method Det.Lim. Units	WtKg G_WGH79 kg	Au@ GE_FAI313 ppb	Pt@ GE_FAI313 ppb	Pd@ GE_FAI313 ppb	@Ag GE_ICP40B ppm	@Al GE_ICP40B %	@As GE_ICP40B ppm	@Ba GE_ICP40B ppm
00251114	0.472	>10000	<10	<1	>100	0.21	15	3
00251115	0.457	>10000	<10	1	>100	0.43	14	6
00251118	0.328	>10000	<10	<1	>100	0.16	5	17
00251119	0.311	>10000	<10	3	>100	0.11	5	7
00251127	0.426	221	<10	<1	13	0.09	<3	641
00251132	0.465	3234	<10	1	>100	0.28	186	1310
00251146	0.546	>10000	<10	3	>100	0.08	3898	547
00251150	0.300	>10000	<10	3	>100	0.06	3867	106
00251157	0.397	3130	<10	<1	>100	1.84	202	127
00251178	0.326	>10000	<10	2	>100	0.57	12	30
*Rep 00251146					>100	0.07	4306	603
*Std OREAS601					53	6.00	314	786
*Blk BLANK					<2	<0.01	<3	2
*Blk BLANK		<1	<10	<1				
*Std PGMS-27		4615	1264	1996				

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Element Method Det.Lim. Units	@Be GE_ICP40B 0.5 ppm	@Bi GE_ICP40B 5 ppm	@Ca GE_ICP40B 0.01 %	@Cd GE_ICP40B 1 ppm	@Co GE_ICP40B 1 ppm	@Cr GE_ICP40B 1 ppm	@Cu GE_ICP40B 0.5 ppm	@Fe GE_ICP40B 0.01 %
00251114	<0.5	62	0.36	74	<1	9	5112	1.93
00251115	<0.5	51	0.30	214	<1	14	2831	2.63
00251118	<0.5	181	0.26	78	<1	9	1517	2.75
00251119	<0.5	364	0.16	50	<1	8	420	1.65
00251127	<0.5	16	0.02	1	<1	110	30.2	1.07
00251132	1.2	89	0.05	25	<1	25	4393	2.17
00251146	<0.5	101	0.01	50	<1	16	>10000	1.09
00251150	<0.5	152	<0.01	145	<1	16	>10000	2.07
00251157	0.7	14	0.32	46	5	38	6371	3.94
00251178	<0.5	14	0.86	56	11	44	4579	2.14
*Rep 00251146	<0.5	108	0.01	47	<1	20	>10000	1.09
*Std OREAS601	2.1	26	1.19	8	2	26	953	2.51
*Blk BLANK	<0.5	<5	<0.01	<1	<1	<1	<0.5	<0.01

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Element Method Det.Lim. Units	@K GE_ICP40B 0.01 %	@La GE_ICP40B 0.5 ppm	@Li GE_ICP40B 1 ppm	@Mg GE_ICP40B 0.01 %	@Mn GE_ICP40B 2 ppm	@Mo GE_ICP40B 1 ppm	@Na GE_ICP40B 0.01 %	@Ni GE_ICP40B 1 ppm
00251114	0.02	0.5	<1	0.04	124	2	0.07	5
00251115	0.02	<0.5	1	0.06	127	2	0.17	6
00251118	0.02	<0.5	<1	0.04	123	1	0.05	8
00251119	0.02	0.5	<1	0.05	112	1	0.03	6
00251127	0.06	61.1	<1	<0.01	71	7	0.04	51
00251132	0.09	154	2	0.09	96	3	0.04	3
00251146	0.05	5.8	<1	<0.01	75	4	0.02	<1
00251150	0.05	15.5	<1	<0.01	92	5	0.02	5
00251157	0.48	1.0	6	0.28	130	15	0.72	21
00251178	0.09	0.6	2	0.29	296	4	0.22	12
*Rep 00251146	0.06	5.8	<1	<0.01	69	4	0.02	<1
*Std OREAS601	2.10	30.0	20	0.38	472	4	1.46	28
*Blk BLANK	<0.01	<0.5	<1	<0.01	<2	<1	<0.01	1

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Element Method Det.Lim. Units	@P	@Pb	@S	@Sb	@Sc	@Sn	@Sr	@Ti
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
	0.01	2	0.01	5	0.5	10	0.5	0.01
	%	ppm	%	ppm	ppm	ppm	ppm	%
00251114	<0.01	>10000	1.37	23	0.5	<10	7.8	<0.01
00251115	<0.01	>10000	2.67	18	0.6	<10	15.8	<0.01
00251118	<0.01	>10000	2.66	83	0.5	<10	7.0	<0.01
00251119	<0.01	>10000	2.30	153	<0.5	<10	3.8	<0.01
00251127	0.01	2141	0.60	10	<0.5	<10	14.0	<0.01
00251132	0.04	>10000	1.11	931	1.1	<10	216	0.01
00251146	<0.01	>10000	2.07	9083	<0.5	<10	21.2	<0.01
00251150	<0.01	>10000	4.24	6690	<0.5	<10	49.4	<0.01
00251157	<0.01	475	3.78	761	5.4	<10	105	0.08
00251178	<0.01	284	1.15	26	3.7	<10	9.8	0.04
*Rep 00251146	<0.01	>10000	2.01	9001	<0.5	<10	20.6	<0.01
*Std OREAS601	0.05	353	1.13	42	4.8	<10	216	0.19
*Blk BLANK	<0.01	<2	<0.01	<5	<0.5	<10	<0.5	<0.01

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Element Method Det.Lim. Units	@V GE_ICP40B 2 ppm	@W GE_ICP40B 10 ppm	@Y GE_ICP40B 0.5 ppm	@Zn GE_ICP40B 1 ppm	@Zr GE_ICP40B 0.5 ppm	Cu GO_ICP41Q 0.01 %	Pb GO_ICP41Q 0.01 %	Zn GO_ICP41Q 0.01 %
00251114	2	<10	<0.5	4743	1.6	N.A.	1.73	N.A.
00251115	4	<10	0.5	>10000	3.3	N.A.	1.76	1.54
00251118	4	<10	<0.5	4640	1.2	N.A.	4.97	N.A.
00251119	4	166	<0.5	1857	0.8	N.A.	8.95	N.A.
00251127	3	<10	8.7	255	1.0	N.A.	N.A.	N.A.
00251132	6	91	28.0	2235	4.4	N.A.	1.14	N.A.
00251146	3	<10	1.1	3435	<0.5	2.66	1.06	N.A.
00251150	3	<10	4.5	>10000	0.8	2.81	2.61	1.72
00251157	47	<10	4.0	5414	15.6	N.A.	N.A.	N.A.
00251178	30	<10	2.2	3374	4.7	N.A.	N.A.	N.A.
*Rep 00251146	3	<10	1.1	3357	0.6			
*Std OREAS601	30	<10	11.9	1366	157			
*Blk BLANK	<2	<10	<0.5	<1	<0.5			
*Std OREAS131B						0.02	1.91	2.92
*Blk BLANK						<0.01	<0.01	<0.01
*Std OREAS931						3.81	0.02	0.05

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Element	@Au	@Ag
Method	GO_FAG333	GO_FAG333
Det.Lim.	0.5	10
Units	g/t	g/t
00251114	112.82	933
00251115	267.11	2119
00251118	106.10	1064
00251119	331.76	3025
00251127	N.A.	N.A.
00251132	N.A.	314
00251146	41.97	1742
00251150	17.09	1535
00251157	N.A.	236
00251178	10.14	123
*Blk BLANK	<0.50	<10
*Std OREAS604	1.44	498

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**Certificate of Analysis**  
**Work Order : SD190201**  
**[Report File No.: 0000035886]**

**Date:** July 04, 2019

**To: GoldON Resources**  
**COD SGS MINERALS - GEOCHEM VANCOUVER**  
 C/O F406501 SGS ASSAYERS  
 3260 PRODUCTION WAY  
 BURNABY BC V5A 4W4

**P.O. No.:** -  
**Project No.:** GOLDON-3  
**Samples:** 89  
**Received:** Jun 4, 2019  
**Pages:** Page 1 to 19  
 (Inclusive of Cover Sheet)

**Methods Summary**

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
89	G_LOG02	Pre-preparation processing, sorting, logging, boxing
89	G_WGH79	Weighing of samples and reporting of weights
89	G_PRP89	Weigh, dry,(up to3.0 kg) crush to 75% passing 2 mm, split 250 g, pulverize to
89	GE_FAI313	@Au, Pt, Pd, FAS, ICP-AES, 30g - 5ml (Clean Pots only)
89	GE_ICP40B	Multi-acid (4-acid) digestion/ICP-AES package
9	GO_ICP41Q	Ore-Grade, 4-Acid Digest/ICP-AES
89	G_SHIP	Shipping
5	GO_FAG303	30 g, Fire assay, gravimetric finish(Au)(Final Mode)
11	GO_FAG313	Ag FAS, Gravimetric, 30g

**Storage: Pulp & Reject**

REJECT STORAGE : RETURN AFTER 30 DAYS  
 PULP STORAGE : RETURN AFTER 90 DAYS

Certified By :



Gerald Chik  
 Operations Manager/Chief Chemist

*SGS Minerals Services Geochemistry Vancouver conforms to the requirements of ISO/IEC 17025 for specific tests as listed on their scope of accreditation which can be found at <http://www.scc.ca/en/search/palcan/sgs>*

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample  
 n.a. = Not applicable -- = No result  
 \*INF = Composition of this sample makes detection impossible by this method  
 M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion  
 Methods marked with an asterisk (e.g. \*NAA08V) were subcontracted  
 Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Element Method Det.Lim. Units	WtKg G_WGH79 kg	Au@ GE_FAI313 ppb	Pt@ GE_FAI313 ppb	Pd@ GE_FAI313 ppb	@Ag GE_ICP40B ppm	@Al GE_ICP40B %	@As GE_ICP40B ppm	@Ba GE_ICP40B ppm
00251110	0.598	455	<10	<1	5	5.87	4	268
00251111	0.740	<1	<10	<1	<2	0.25	<3	12
00251112	0.668	<1	<10	2	<2	7.68	<3	148
00251113	0.716	<1	<10	3	3	7.88	4	78
00251116	0.367	>10000	<10	2	>100	0.94	6	37
00251117	0.409	>10000	<10	3	>100	0.94	<3	36
00251120	0.455	435	<10	<1	3	6.11	5	68
00251121	1.005	3177	<10	<1	17	7.92	4	359
00251122	0.763	>10000	<10	<1	>100	0.11	<3	6
00251123	0.721	>10000	<10	3	>100	0.28	3	24
00251124	0.629	25	<10	1	<2	4.35	<3	57
00251125	0.442	172	<10	<1	5	1.57	5	371
00251126	0.411	23	<10	<1	9	0.29	<3	2619
00251128	0.426	247	<10	<1	5	1.80	<3	140
00251129	0.622	63	<10	<1	2	0.26	<3	32
00251130	0.495	2	<10	2	<2	6.40	8	395
00251131	0.434	1	<10	1	<2	8.23	5	83
00251133	0.464	103	<10	<1	4	0.46	<3	24
00251134	0.527	104	<10	<1	<2	2.38	6	398
00251135	0.762	156	<10	<1	2	0.07	<3	28
00251136	0.251	168	<10	2	3	1.88	6	181
00251137	0.347	1947	<10	1	>100	2.72	111	324
00251138	0.336	8	<10	2	<2	8.38	<3	159
00251139	0.469	14	<10	2	<2	6.18	5	212
00251140	0.373	97	<10	<1	<2	0.07	4	14
00251141	0.398	293	<10	1	<2	0.07	13	18
00251142	0.487	437	<10	1	<2	0.03	5	11
00251143	0.346	111	<10	<1	20	0.30	11	81
00251144	0.506	174	<10	<1	10	4.16	13	3553
00251145	0.401	887	<10	1	>100	0.50	241	1391
00251147	0.463	678	<10	1	54	1.11	128	1342
00251148	0.365	668	<10	3	14	2.72	29	183
00251149	0.380	543	<10	1	46	0.34	134	652
00251151	0.360	466	<10	<1	56	0.21	69	1442
00251152	0.448	>10000	<10	1	>100	1.07	259	157
00251153	0.481	2943	<10	3	49	5.29	20	153
00251154	0.220	847	<10	4	45	5.05	9	125
00251155	0.336	54	<10	2	4	1.66	15	100
00251156	0.374	5807	<10	2	>100	2.43	96	176
*Dup 00251156	<0.010	6008	<10	2	>100	2.30	86	165

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Element Method Det.Lim. Units	WtKg G_WGH79 kg	Au@ GE_FAI313 ppb	Pt@ GE_FAI313 ppb	Pd@ GE_FAI313 ppb	@Ag GE_ICP40B ppm	@Al GE_ICP40B %	@As GE_ICP40B ppm	@Ba GE_ICP40B ppm
00251158	0.223	206	<10	1	7	0.65	4	18
00251159	0.323	663	<10	2	93	1.81	15	33
00251160	0.350	322	<10	2	18	2.55	6	79
00251161	0.362	23	<10	6	3	7.74	19	438
00251162	0.384	418	<10	2	6	7.55	5	275
00251163	0.366	330	<10	1	57	0.27	58	12
00251164	0.332	7	<10	<1	<2	0.24	3	18
00251165	0.347	1307	<10	1	33	0.38	26	11
00251166	0.226	72	<10	1	29	0.81	6	116
00251167	0.247	887	<10	5	81	3.46	21	732
00251168	0.247	606	<10	<1	26	0.33	17	1579
00251169	0.076	1031	<10	6	99	6.37	13	858
00251170	0.303	2	<10	<1	<2	0.09	5	26
00251171	0.267	9129	<10	2	>100	1.02	17	95
00251172	0.281	30	<10	<1	<2	8.17	4	256
00251173	0.224	177	<10	1	8	0.53	7	13
00251174	0.395	3894	<10	2	>100	1.34	40	46
00251175	0.418	1145	<10	1	67	0.18	23	24
00251176	0.244	7403	<10	2	>100	1.68	74	67
00251177	0.256	1240	<10	1	35	0.74	17	25
00251179	0.218	447	<10	<1	10	0.27	5	18
00251180	0.255	597	<10	1	11	1.19	4	33
00251181	0.331	97	<10	2	3	1.84	10	255
00251182	0.617	<1	<10	3	<2	7.54	6	170
00251183	0.310	33	<10	<1	<2	7.58	6	423
00251184	0.650	224	<10	<1	17	3.45	69	255
00251185	0.520	12	<10	<1	<2	5.62	7	350
00251186	0.436	216	<10	<1	10	2.82	26	353
00251187	0.236	3	<10	1	<2	8.41	10	455
00251188	0.484	384	<10	<1	9	7.74	11	211
00251189	0.593	407	<10	<1	15	0.11	30	9
00251190	0.194	1163	<10	2	17	1.97	4	77
00251191	0.559	135	<10	<1	<2	7.73	<3	498
00251192	0.384	92	<10	<1	<2	8.23	6	531
00251193	0.333	230	<10	<1	<2	7.32	11	241
00251194	0.457	128	<10	<1	<2	6.76	15	235
00251195	0.463	<1	<10	<1	<2	0.29	<3	10
00251196	0.150	<1	<10	<1	<2	1.04	<3	63
00251197	0.207	<1	<10	<1	<2	0.03	<3	5
00251198	0.432	<1	<10	<1	<2	0.41	<3	18

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Element Method Det.Lim. Units	WtKg G_WGH79 kg	Au@ GE_FAI313 ppb	Pt@ GE_FAI313 ppb	Pd@ GE_FAI313 ppb	@Ag GE_ICP40B ppm	@Al GE_ICP40B %	@As GE_ICP40B ppm	@Ba GE_ICP40B ppm
00251199	0.304	9	<10	<1	<2	7.54	4	535
00251200	0.195	<1	<10	<1	<2	0.32	<3	12
00251028	0.789	<1	<10	<1	<2	0.27	<3	9
00251029	0.410	<1	<10	<1	<2	0.25	<3	7
00251030	0.267	<1	<10	<1	<2	0.06	<3	4
00251031	0.568	116	<10	<1	7	2.58	<3	208
00251032	0.512	35	<10	<1	<2	4.82	<3	41
00251033	0.377	516	<10	<1	5	6.82	3	335
00251034	0.791	65	<10	<1	<2	8.22	5	355
00251035	0.466	89	<10	<1	<2	7.79	3	920
*Rep 00251142		422	<10	1				
*Rep 00251164		6	<10	<1				
*Rep 00251197		<1	<10	<1				
*Std PGMS-24		814	1076	4839				
*Std PGMS-27		4847	1289	2042				
*Std PGMS-24		740	1106	4751				
*Std PGMS-27		4472	1240	1928				
*Blk BLANK		<1	<10	1				
*Blk BLANK		<1	<10	1				
*Rep 00251111					<2	0.27	<3	13
*Rep 00251184					15	3.50	66	259
*Std OREAS601					50	6.66	320	2194
*Std OREAS601					46	6.65	307	1118
*Std OREAS601					51	6.65	321	1700
*Blk BLANK					<2	<0.01	<3	<1
*Blk BLANK					<2	<0.01	<3	<1
*Blk BLANK					<2	<0.01	<3	<1
*Blk BLANK					<2	<0.01	<3	<1

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Element Method Det.Lim. Units	@Be	@Bi	@Ca	@Cd	@Co	@Cr	@Cu	@Fe
	GE_ICP40B 0.5 ppm	GE_ICP40B 5 ppm	GE_ICP40B 0.01 %	GE_ICP40B 1 ppm	GE_ICP40B 1 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 0.01 %
00251110	0.9	<5	1.37	<1	3	42	67.3	1.88
00251111	<0.5	<5	0.02	<1	<1	38	22.8	0.41
00251112	<0.5	7	7.32	1	25	153	57.0	7.24
00251113	<0.5	<5	6.90	1	40	165	151	7.23
00251116	<0.5	62	0.98	255	7	58	2856	2.97
00251117	<0.5	214	1.04	130	4	59	7954	2.91
00251120	0.8	<5	1.87	<1	4	37	19.9	1.33
00251121	1.1	<5	1.53	<1	3	24	21.1	1.41
00251122	<0.5	<5	0.23	151	<1	37	380	0.65
00251123	<0.5	8	0.82	67	4	78	3719	2.59
00251124	<0.5	<5	3.72	<1	17	98	42.3	3.44
00251125	<0.5	<5	0.58	1	13	86	53.8	3.11
00251126	<0.5	5	0.02	<1	<1	31	17.5	0.58
00251128	<0.5	<5	0.05	<1	7	89	16.1	2.81
00251129	<0.5	<5	0.27	<1	3	37	22.2	0.92
00251130	<0.5	<5	10.2	1	29	123	91.3	5.75
00251131	<0.5	7	8.96	2	41	156	120	8.15
00251133	<0.5	<5	0.24	<1	3	46	36.9	0.98
00251134	0.9	<5	0.26	<1	2	28	19.5	0.98
00251135	<0.5	<5	0.01	<1	<1	33	13.6	0.60
00251136	0.6	<5	1.60	<1	10	72	29.1	2.31
00251137	0.6	10	2.93	5	13	74	2353	3.65
00251138	1.0	5	4.26	1	43	202	140	7.50
00251139	<0.5	<5	5.08	1	32	125	143	6.71
00251140	<0.5	<5	0.02	<1	9	37	164	1.81
00251141	<0.5	<5	0.03	<1	1	31	46.4	1.74
00251142	<0.5	<5	0.13	<1	6	43	40.2	0.93
00251143	0.5	<5	0.91	2	3	41	54.9	1.57
00251144	1.1	<5	0.97	<1	<1	27	55.8	1.32
00251145	<0.5	5	0.02	23	<1	86	2359	1.93
00251147	<0.5	<5	0.50	4	5	77	983	1.26
00251148	0.8	<5	1.61	15	20	126	155	4.95
00251149	<0.5	<5	0.22	22	2	66	1012	0.84
00251151	<0.5	<5	1.17	11	<1	35	717	0.68
00251152	<0.5	14	0.03	29	13	33	1197	7.02
00251153	1.8	7	5.35	53	25	93	2472	4.24
00251154	1.6	13	5.07	57	23	116	2302	4.45
00251155	<0.5	<5	0.16	<1	3	54	54.8	1.94
00251156	0.7	9	0.38	8	8	87	1306	3.63
*Dup 00251156	0.7	9	0.33	8	8	86	1164	3.17

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Element Method Det.Lim. Units	@Be	@Bi	@Ca	@Cd	@Co	@Cr	@Cu	@Fe
	GE_ICP40B 0.5 ppm	GE_ICP40B 5 ppm	GE_ICP40B 0.01 %	GE_ICP40B 1 ppm	GE_ICP40B 1 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 0.01 %
00251158	<0.5	<5	0.56	<1	4	41	179	1.24
00251159	<0.5	18	0.94	9	12	81	900	2.74
00251160	<0.5	13	1.02	<1	17	120	550	3.67
00251161	1.0	<5	5.28	1	45	134	140	6.64
00251162	1.7	<5	1.86	5	13	48	203	3.89
00251163	<0.5	<5	0.16	3	3	48	1908	0.95
00251164	<0.5	<5	0.37	<1	3	38	30.0	0.98
00251165	<0.5	<5	0.16	70	3	54	643	0.99
00251166	<0.5	<5	0.42	<1	3	38	263	0.91
00251167	0.6	6	0.72	4	17	117	3051	3.21
00251168	<0.5	<5	0.08	1	3	77	1242	0.86
00251169	<0.5	8	3.41	5	36	199	4054	6.45
00251170	<0.5	<5	0.04	<1	<1	18	21.9	0.46
00251171	<0.5	45	0.57	124	12	58	4508	2.65
00251172	1.3	<5	1.63	<1	4	17	44.1	1.35
00251173	<0.5	<5	0.47	<1	4	25	71.9	0.87
00251174	<0.5	13	0.52	4	12	90	1325	1.90
00251175	<0.5	<5	0.55	102	19	32	930	2.35
00251176	<0.5	9	0.96	166	12	41	7798	3.97
00251177	<0.5	<5	1.10	178	7	65	1799	1.89
00251179	<0.5	<5	0.70	<1	2	34	25.3	0.87
00251180	<0.5	<5	0.46	1	10	117	76.0	2.79
00251181	<0.5	<5	1.37	<1	13	62	28.1	2.30
00251182	0.8	7	6.99	2	45	200	108	10.0
00251183	1.1	<5	1.45	35	7	19	152	1.76
00251184	0.7	<5	0.26	1	3	34	289	1.52
00251185	1.1	<5	1.19	<1	3	19	97.6	1.36
00251186	0.6	<5	0.07	1	<1	25	74.9	1.09
00251187	1.3	<5	0.37	<1	4	19	28.6	1.72
00251188	1.0	<5	2.17	<1	8	27	365	2.53
00251189	<0.5	<5	0.02	1	<1	25	244	0.67
00251190	<0.5	<5	0.57	<1	12	80	137	2.35
00251191	1.0	<5	1.61	<1	2	13	24.9	1.13
00251192	1.4	<5	1.36	<1	3	14	37.0	1.20
00251193	0.6	37	1.41	<1	<1	14	9.6	1.40
00251194	1.0	<5	1.10	<1	4	15	7.8	1.88
00251195	<0.5	<5	0.06	<1	<1	132	6.5	0.74
00251196	<0.5	<5	0.18	<1	<1	63	2.8	0.79
00251197	<0.5	<5	0.01	<1	<1	16	2.6	0.47
00251198	<0.5	<5	0.07	<1	<1	36	1.8	1.08

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	GE_ICP40B 0.5 ppm	GE_ICP40B 5 ppm	GE_ICP40B 0.01 %	GE_ICP40B 1 ppm	GE_ICP40B 1 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 0.01 %
00251199	1.5	<5	1.37	<1	2	17	5.6	1.81
00251200	<0.5	<5	0.08	<1	<1	35	1.5	0.88
00251028	<0.5	<5	0.04	<1	<1	29	1.6	0.44
00251029	<0.5	<5	0.04	<1	<1	23	1.6	0.64
00251030	<0.5	<5	<0.01	<1	<1	14	1.2	0.50
00251031	<0.5	42	0.17	<1	<1	26	8.2	0.75
00251032	1.0	<5	1.11	<1	<1	21	3.3	0.58
00251033	1.0	14	1.10	<1	<1	16	13.7	1.53
00251034	1.1	<5	1.35	2	3	14	17.1	1.82
00251035	1.3	<5	0.38	<1	2	14	8.6	1.73
*Rep 00251111	<0.5	<5	0.02	<1	<1	26	23.9	0.42
*Rep 00251184	0.7	<5	0.26	1	3	39	281	1.53
*Std OREAS601	1.9	20	1.29	8	4	43	994	2.47
*Std OREAS601	2.0	19	1.26	8	5	32	920	2.55
*Std OREAS601	1.9	22	1.26	8	4	34	1009	2.46
*Blk BLANK	<0.5	<5	<0.01	<1	<1	1	<0.5	<0.01
*Blk BLANK	<0.5	<5	<0.01	<1	<1	2	0.7	<0.01
*Blk BLANK	<0.5	<5	<0.01	<1	<1	<1	<0.5	<0.01
*Blk BLANK	<0.5	<5	<0.01	<1	<1	<1	<0.5	<0.01

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Element Method Det.Lim. Units	@K	@La	@Li	@Mg	@Mn	@Mo	@Na	@Ni
	GE_ICP40B 0.01 %	GE_ICP40B 0.5 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 1 ppm
00251110	0.53	1.8	11	0.41	191	2	2.71	8
00251111	0.03	<0.5	<1	0.01	47	4	0.12	3
00251112	0.23	3.2	5	1.93	2434	1	1.63	59
00251113	0.15	3.4	11	2.57	1575	<1	1.40	93
00251116	0.11	1.0	3	0.48	342	2	0.19	22
00251117	0.06	<0.5	2	0.18	243	4	0.28	15
00251120	0.33	8.0	10	0.27	138	3	2.44	5
00251121	0.66	1.9	12	0.37	119	2	3.78	6
00251122	<0.01	<0.5	1	0.09	96	4	0.04	2
00251123	0.03	<0.5	1	0.14	188	4	0.06	11
00251124	0.12	1.2	9	0.91	1225	3	0.83	47
00251125	1.00	0.6	6	0.35	221	11	0.31	34
00251126	0.21	16.3	<1	0.05	58	5	0.03	3
00251128	0.95	<0.5	11	0.36	107	6	0.50	21
00251129	0.13	0.7	2	0.22	200	4	0.05	7
00251130	1.45	2.4	72	2.96	1980	<1	0.99	80
00251131	0.20	3.5	36	2.90	1776	<1	1.26	111
00251133	0.17	<0.5	3	0.19	127	6	0.11	10
00251134	0.28	1.9	4	0.20	86	4	1.46	5
00251135	0.05	<0.5	<1	0.01	47	6	0.01	3
00251136	0.61	2.7	13	1.14	619	4	0.66	27
00251137	0.84	2.5	14	1.48	668	4	1.09	43
00251138	0.67	3.2	38	2.82	1831	<1	1.98	102
00251139	1.14	1.7	46	2.66	1509	1	0.69	73
00251140	0.01	<0.5	<1	0.02	74	5	0.01	15
00251141	0.02	<0.5	<1	0.01	113	4	0.01	7
00251142	<0.01	<0.5	<1	<0.01	87	6	0.01	7
00251143	0.03	87.9	2	0.26	256	5	0.02	7
00251144	0.38	101	6	0.34	139	3	1.84	5
00251145	0.38	1.3	1	0.05	74	5	0.04	7
00251147	0.43	0.9	5	0.31	191	6	0.33	16
00251148	1.14	0.8	16	0.91	600	5	0.62	67
00251149	0.17	<0.5	2	0.09	101	5	0.06	8
00251151	0.09	5.5	<1	0.03	348	2	0.02	2
00251152	0.54	0.6	4	0.13	97	10	0.03	28
00251153	1.31	3.2	22	1.79	1478	3	1.91	50
00251154	1.28	3.3	20	1.58	1428	3	1.96	51
00251155	0.53	0.5	9	0.48	186	7	0.46	9
00251156	0.83	0.5	14	0.59	227	5	0.61	20
*Dup 00251156	0.79	<0.5	14	0.58	194	4	0.60	18

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	GE_ICP40B 0.01 %	GE_ICP40B 0.5 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 1 ppm
00251158	0.07	<0.5	3	0.30	272	6	0.20	8
00251159	0.05	1.1	5	0.61	348	9	0.45	19
00251160	0.06	3.0	9	1.18	587	33	0.52	28
00251161	2.47	2.7	30	3.57	1647	<1	3.28	88
00251162	0.95	7.3	14	1.14	471	<1	4.50	18
00251163	0.04	<0.5	1	0.07	97	3	0.16	5
00251164	0.03	2.6	2	0.13	159	5	0.13	4
00251165	0.01	0.9	1	0.16	103	7	0.11	5
00251166	0.16	2.5	5	0.25	306	5	0.41	12
00251167	1.07	3.8	26	1.10	525	3	1.34	57
00251168	0.14	0.8	3	0.13	135	6	0.05	6
00251169	3.79	11.0	71	3.11	2301	4	0.57	114
00251170	0.02	4.2	<1	0.02	78	4	0.03	3
00251171	0.53	1.0	2	0.26	223	14	0.21	28
00251172	0.72	8.9	7	0.35	157	2	4.02	5
00251173	0.02	<0.5	<1	0.06	220	8	0.23	8
00251174	0.22	0.7	3	0.36	237	6	0.44	31
00251175	0.01	<0.5	<1	0.40	314	6	0.05	10
00251176	0.28	0.6	5	0.56	393	9	0.79	25
00251177	0.06	<0.5	2	0.34	362	4	0.25	11
00251179	0.05	<0.5	2	0.17	268	4	0.08	4
00251180	0.03	<0.5	3	0.61	314	10	0.28	19
00251181	0.20	19.8	8	0.90	442	6	0.55	21
00251182	0.38	2.9	19	4.49	2637	<1	1.25	86
00251183	2.26	9.9	31	0.57	254	1	2.97	8
00251184	1.91	10.7	15	0.29	112	4	0.76	6
00251185	1.99	9.3	27	0.47	309	2	1.56	8
00251186	2.27	40.6	11	0.20	69	3	0.44	3
00251187	3.31	1.9	36	0.54	253	1	2.43	6
00251188	0.65	7.9	8	0.73	257	2	2.94	13
00251189	0.01	<0.5	<1	0.01	61	5	0.04	2
00251190	0.16	0.6	6	0.96	509	5	0.41	19
00251191	2.01	10.0	15	0.36	243	1	2.90	5
00251192	2.95	11.7	30	0.46	223	<1	1.94	5
00251193	1.03	4.7	12	0.34	127	1	2.94	2
00251194	1.05	5.6	13	0.32	133	1	3.86	5
00251195	0.03	<0.5	<1	<0.01	65	7	0.14	33
00251196	0.12	<0.5	1	0.02	65	7	0.47	2
00251197	<0.01	<0.5	<1	<0.01	36	3	0.01	<1
00251198	0.04	<0.5	<1	0.01	55	16	0.19	2

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Element Method Det.Lim. Units	@K GE_ICP40B 0.01 %	@La GE_ICP40B 0.5 ppm	@Li GE_ICP40B 1 ppm	@Mg GE_ICP40B 0.01 %	@Mn GE_ICP40B 2 ppm	@Mo GE_ICP40B 1 ppm	@Na GE_ICP40B 0.01 %	@Ni GE_ICP40B 1 ppm
00251199	1.67	4.7	19	0.35	74	2	2.77	4
00251200	0.03	0.6	<1	<0.01	62	5	0.16	2
00251028	0.03	<0.5	<1	0.02	40	9	0.10	2
00251029	0.02	<0.5	<1	0.01	56	4	0.10	1
00251030	<0.01	<0.5	<1	<0.01	39	4	0.02	<1
00251031	0.36	1.1	4	0.11	60	7	1.37	3
00251032	0.40	0.8	2	0.27	69	4	1.28	2
00251033	1.85	1.8	11	0.35	114	82	1.02	2
00251034	2.81	5.2	19	0.67	271	3	1.27	4
00251035	4.00	1.9	19	0.35	80	<1	0.49	4
*Rep 00251111	0.03	<0.5	<1	0.01	49	4	0.12	3
*Rep 00251184	1.92	10.3	16	0.30	114	4	0.76	6
*Std OREAS601	2.09	32.1	23	0.38	469	4	1.44	26
*Std OREAS601	2.07	31.9	21	0.38	480	3	1.48	23
*Std OREAS601	2.02	34.9	23	0.37	464	4	1.39	25
*Blk BLANK	<0.01	<0.5	<1	<0.01	<2	<1	<0.01	<1
*Blk BLANK	<0.01	<0.5	<1	<0.01	<2	<1	<0.01	<1
*Blk BLANK	<0.01	<0.5	<1	<0.01	<2	<1	<0.01	<1
*Blk BLANK	<0.01	<0.5	<1	<0.01	<2	<1	<0.01	<1

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Element Method Det.Lim. Units	@P	@Pb	@S	@Sb	@Sc	@Sn	@Sr	@Ti
	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 0.01 %	GE_ICP40B 5 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 10 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 0.01 %
00251110	0.02	329	0.43	<5	3.0	<10	268	0.12
00251111	<0.01	3	0.01	<5	<0.5	<10	5.9	<0.01
00251112	0.02	29	0.06	<5	40.2	<10	105	0.52
00251113	0.02	41	0.17	<5	42.7	<10	108	0.57
00251116	0.01	>10000	2.30	54	4.2	<10	20.6	0.07
00251117	<0.01	>10000	2.85	173	3.3	<10	33.1	0.06
00251120	0.02	128	0.47	<5	2.0	<10	233	0.11
00251121	0.02	126	0.73	<5	2.2	<10	234	0.08
00251122	<0.01	620	0.83	<5	0.6	<10	3.9	<0.01
00251123	<0.01	>10000	2.86	177	1.6	<10	7.3	0.02
00251124	<0.01	46	0.02	<5	13.1	<10	68.5	0.22
00251125	<0.01	77	2.37	<5	5.1	<10	157	0.09
00251126	<0.01	472	0.11	11	1.0	<10	55.0	0.01
00251128	<0.01	26	1.16	<5	6.6	<10	46.8	0.09
00251129	<0.01	11	0.28	<5	1.6	<10	7.2	0.01
00251130	0.02	25	0.02	<5	29.4	<10	102	0.41
00251131	0.02	31	0.04	<5	37.1	<10	136	0.51
00251133	<0.01	9	0.44	<5	1.6	<10	18.4	0.02
00251134	<0.01	30	0.51	10	1.5	<10	306	0.04
00251135	<0.01	16	0.16	6	<0.5	<10	2.9	<0.01
00251136	0.02	23	1.49	<5	6.9	<10	206	0.08
00251137	<0.01	3062	3.29	632	12.4	<10	279	0.10
00251138	0.01	34	0.11	<5	44.0	<10	203	0.58
00251139	0.02	21	0.56	<5	30.2	<10	32.9	0.43
00251140	<0.01	4	0.04	<5	<0.5	<10	1.0	<0.01
00251141	<0.01	10	0.04	<5	<0.5	<10	1.5	<0.01
00251142	<0.01	4	0.05	5	<0.5	<10	1.2	<0.01
00251143	0.02	2893	0.26	12	2.6	<10	20.4	0.02
00251144	0.03	198	0.30	7	2.6	<10	673	0.07
00251145	<0.01	529	0.90	708	1.0	<10	85.7	0.03
00251147	<0.01	31	0.84	445	3.9	<10	337	0.05
00251148	0.01	25	4.33	46	13.7	<10	81.9	0.12
00251149	<0.01	18	0.56	403	1.3	<10	51.1	0.01
00251151	<0.01	72	0.13	124	1.0	<10	136	<0.01
00251152	<0.01	1158	>5.00	426	1.8	<10	7.2	0.05
00251153	0.04	78	3.75	91	29.6	<10	260	0.29
00251154	0.04	63	3.63	63	29.8	<10	256	0.26
00251155	<0.01	42	0.25	56	5.1	<10	126	0.09
00251156	<0.01	596	1.76	214	9.1	<10	107	0.14
*Dup 00251156	<0.01	505	1.57	174	8.9	<10	104	0.14

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Element Method Det.Lim. Units	@P	@Pb	@S	@Sb	@Sc	@Sn	@Sr	@Ti
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
	0.01 %	2 ppm	0.01 %	5 ppm	0.5 ppm	10 ppm	0.5 ppm	0.01 %
00251158	<0.01	11	0.35	5	2.7	<10	22.0	0.04
00251159	<0.01	1460	0.87	95	6.8	<10	41.2	0.16
00251160	0.02	523	0.83	13	11.2	<10	64.7	0.36
00251161	0.03	33	3.39	<5	40.8	<10	169	0.54
00251162	0.06	42	2.09	8	9.0	<10	241	0.19
00251163	<0.01	1057	0.39	156	0.9	<10	7.8	0.02
00251164	<0.01	17	0.32	13	1.4	<10	19.5	0.07
00251165	<0.01	35	0.72	61	2.0	<10	20.5	0.05
00251166	0.02	316	0.21	17	2.1	<10	63.6	0.06
00251167	0.02	173	0.61	129	14.1	<10	218	0.19
00251168	<0.01	73	0.16	49	1.0	<10	26.8	0.02
00251169	0.03	159	0.81	15	25.7	<10	448	0.32
00251170	<0.01	5	0.02	<5	<0.5	<10	3.8	<0.01
00251171	0.01	904	1.63	17	2.5	<10	24.7	0.04
00251172	0.02	50	0.60	<5	2.1	<10	346	0.10
00251173	<0.01	50	0.06	18	0.9	<10	13.2	0.02
00251174	<0.01	275	0.59	148	5.2	<10	28.1	0.08
00251175	0.01	356	1.82	27	2.1	<10	5.2	<0.01
00251176	0.01	>10000	3.89	223	6.0	<10	59.7	0.12
00251177	<0.01	592	1.77	43	3.6	<10	19.1	0.05
00251179	<0.01	20	0.26	<5	1.5	<10	12.0	0.02
00251180	<0.01	13	0.66	<5	5.7	<10	20.9	0.08
00251181	0.01	21	1.06	<5	8.7	<10	98.9	0.13
00251182	<0.01	26	0.02	<5	45.2	<10	105	0.50
00251183	0.04	65	0.82	<5	3.4	<10	242	0.15
00251184	0.04	378	0.78	237	1.5	<10	177	0.06
00251185	0.04	140	0.62	5	2.6	<10	187	0.11
00251186	0.03	1215	0.28	46	1.1	<10	113	0.05
00251187	0.04	71	0.04	6	3.4	<10	188	0.15
00251188	0.05	192	0.61	12	5.1	<10	213	0.16
00251189	<0.01	103	0.04	15	<0.5	<10	3.2	<0.01
00251190	<0.01	28	0.13	<5	7.6	<10	30.9	0.14
00251191	0.03	34	0.14	<5	1.8	<10	189	0.11
00251192	0.03	41	0.24	<5	1.8	<10	222	0.12
00251193	0.02	32	0.12	<5	2.3	<10	265	0.11
00251194	0.03	26	0.66	<5	2.2	<10	438	0.11
00251195	<0.01	3	0.02	<5	<0.5	<10	20.8	<0.01
00251196	<0.01	5	0.02	<5	<0.5	<10	78.0	0.02
00251197	<0.01	<2	<0.01	<5	<0.5	<10	3.7	<0.01
00251198	<0.01	3	0.08	<5	<0.5	<10	29.4	<0.01

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Element Method Det.Lim. Units	@P	@Pb	@S	@Sb	@Sc	@Sn	@Sr	@Tl
	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 0.01 %	GE_ICP40B 5 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 10 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 0.01 %
00251199	0.02	32	0.87	<5	3.2	<10	451	0.12
00251200	<0.01	2	0.11	<5	<0.5	<10	30.0	<0.01
00251028	<0.01	<2	<0.01	<5	<0.5	<10	17.4	<0.01
00251029	<0.01	2	<0.01	<5	<0.5	<10	17.9	<0.01
00251030	<0.01	<2	<0.01	<5	<0.5	<10	2.7	<0.01
00251031	0.01	20	0.05	<5	0.9	<10	79.0	0.04
00251032	<0.01	30	<0.01	<5	0.9	<10	164	0.03
00251033	0.03	91	0.45	<5	2.7	<10	249	0.09
00251034	0.03	77	1.12	<5	2.9	<10	324	0.12
00251035	0.03	40	0.63	<5	2.8	<10	124	0.15
*Rep 00251111	<0.01	4	0.01	<5	<0.5	<10	5.8	<0.01
*Rep 00251184	0.03	366	0.77	235	1.5	<10	177	0.06
*Std OREAS601	0.04	358	1.14	29	4.4	<10	221	0.18
*Std OREAS601	0.05	333	1.05	28	4.4	<10	228	0.18
*Std OREAS601	0.04	349	1.12	30	4.7	<10	217	0.17
*Blk BLANK	<0.01	<2	<0.01	<5	<0.5	<10	<0.5	<0.01
*Blk BLANK	<0.01	<2	<0.01	<5	<0.5	<10	<0.5	<0.01
*Blk BLANK	<0.01	<2	<0.01	<5	<0.5	<10	<0.5	<0.01
*Blk BLANK	<0.01	<2	<0.01	<5	<0.5	<10	<0.5	<0.01

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Element Method Det.Lim. Units	@V	@W	@Y	@Zn	@Zr	Pb	Zn	@Au
	GE_ICP40B 2 ppm	GE_ICP40B 10 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.5 ppm	GO_ICP41Q 0.01 %	GO_ICP41Q 0.01 %	GO_FAG303 0.5 g/t
00251110	32	<10	4.8	85	42.9	N.A.	N.A.	N.A.
00251111	3	<10	<0.5	<1	2.2	N.A.	N.A.	N.A.
00251112	271	<10	18.9	75	34.3	N.A.	N.A.	N.A.
00251113	290	<10	19.1	85	31.2	N.A.	N.A.	N.A.
00251116	30	28	1.8	>10000	7.2	2.47	1.90	282.94
00251117	22	82	1.0	9919	6.1	6.68	N.A.	162.00
00251120	20	<10	5.4	74	68.4	N.A.	N.A.	N.A.
00251121	25	<10	4.4	83	97.2	N.A.	N.A.	N.A.
00251122	3	<10	0.5	>10000	1.2	N.A.	1.28	12.84
00251123	11	14	1.1	4779	3.0	4.56	N.A.	32.95
00251124	93	<10	7.3	48	18.0	N.A.	N.A.	N.A.
00251125	37	22	4.8	100	13.7	N.A.	N.A.	N.A.
00251126	9	<10	3.7	91	1.7	N.A.	N.A.	N.A.
00251128	61	<10	1.1	15	12.2	N.A.	N.A.	N.A.
00251129	10	<10	0.9	11	2.6	N.A.	N.A.	N.A.
00251130	193	29	13.5	72	38.0	N.A.	N.A.	N.A.
00251131	262	<10	18.2	81	27.4	N.A.	N.A.	N.A.
00251133	16	<10	0.9	23	3.7	N.A.	N.A.	N.A.
00251134	17	<10	4.6	30	29.6	N.A.	N.A.	N.A.
00251135	3	<10	<0.5	5	0.6	N.A.	N.A.	N.A.
00251136	61	<10	8.8	24	10.9	N.A.	N.A.	N.A.
00251137	81	12	7.8	363	18.0	N.A.	N.A.	N.A.
00251138	302	<10	17.0	89	45.2	N.A.	N.A.	N.A.
00251139	214	<10	12.2	80	29.5	N.A.	N.A.	N.A.
00251140	6	<10	<0.5	8	1.0	N.A.	N.A.	N.A.
00251141	3	<10	<0.5	4	1.3	N.A.	N.A.	N.A.
00251142	3	<10	<0.5	2	0.6	N.A.	N.A.	N.A.
00251143	17	18	29.1	160	2.5	N.A.	N.A.	N.A.
00251144	38	<10	9.3	26	50.5	N.A.	N.A.	N.A.
00251145	11	<10	2.3	2604	3.6	N.A.	N.A.	N.A.
00251147	37	<10	2.3	413	5.8	N.A.	N.A.	N.A.
00251148	122	21	6.3	1279	40.2	N.A.	N.A.	N.A.
00251149	15	<10	0.5	2539	2.0	N.A.	N.A.	N.A.
00251151	<2	<10	3.5	1424	0.7	N.A.	N.A.	N.A.
00251152	24	<10	3.6	3680	41.6	N.A.	N.A.	11.63
00251153	214	117	24.0	6337	43.0	N.A.	N.A.	N.A.
00251154	216	128	23.6	5399	40.7	N.A.	N.A.	N.A.
00251155	44	<10	2.5	55	16.5	N.A.	N.A.	N.A.
00251156	104	<10	2.1	952	15.3	N.A.	N.A.	N.A.
*Dup 00251156	97	<10	2.1	841	14.7	N.A.	N.A.	N.A.

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Element Method Det.Lim. Units	@V	@W	@Y	@Zn	@Zr	Pb	Zn	@Au
	GE_ICP40B 2 ppm	GE_ICP40B 10 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.5 ppm	GO_ICP41Q 0.01 %	GO_ICP41Q 0.01 %	GO_FAG303 0.5 g/t
00251158	22	<10	2.3	57	5.8	N.A.	N.A.	N.A.
00251159	62	97	4.6	599	13.4	N.A.	N.A.	N.A.
00251160	105	<10	18.4	78	15.8	N.A.	N.A.	N.A.
00251161	282	53	17.9	131	40.6	N.A.	N.A.	N.A.
00251162	83	12	9.3	740	90.2	N.A.	N.A.	N.A.
00251163	7	107	0.8	247	1.5	N.A.	N.A.	N.A.
00251164	14	321	5.0	26	1.4	N.A.	N.A.	N.A.
00251165	15	11	6.1	>10000	3.5	N.A.	1.03	N.A.
00251166	19	<10	10.1	58	3.4	N.A.	N.A.	N.A.
00251167	104	<10	16.1	482	13.4	N.A.	N.A.	N.A.
00251168	11	<10	1.8	99	2.6	N.A.	N.A.	N.A.
00251169	159	<10	26.8	633	19.1	N.A.	N.A.	N.A.
00251170	3	<10	2.9	17	<0.5	N.A.	N.A.	N.A.
00251171	27	10	2.0	>10000	5.0	N.A.	1.55	N.A.
00251172	28	<10	4.1	173	114	N.A.	N.A.	N.A.
00251173	7	<10	0.6	35	2.3	N.A.	N.A.	N.A.
00251174	41	<10	2.9	570	5.8	N.A.	N.A.	N.A.
00251175	9	<10	2.2	>10000	2.4	N.A.	1.51	N.A.
00251176	51	23	6.0	>10000	12.0	1.57	2.53	N.A.
00251177	33	14	1.9	>10000	5.7	N.A.	2.31	N.A.
00251179	14	<10	1.2	58	2.3	N.A.	N.A.	N.A.
00251180	56	<10	3.0	99	7.2	N.A.	N.A.	N.A.
00251181	72	<10	11.6	24	12.9	N.A.	N.A.	N.A.
00251182	311	<10	19.4	110	27.7	N.A.	N.A.	N.A.
00251183	36	17	5.0	4149	83.4	N.A.	N.A.	N.A.
00251184	29	<10	7.2	139	41.1	N.A.	N.A.	N.A.
00251185	43	17	8.6	177	67.8	N.A.	N.A.	N.A.
00251186	23	20	8.8	151	38.0	N.A.	N.A.	N.A.
00251187	45	17	5.2	58	85.3	N.A.	N.A.	N.A.
00251188	58	<10	6.9	118	87.3	N.A.	N.A.	N.A.
00251189	<2	<10	<0.5	103	0.9	N.A.	N.A.	N.A.
00251190	56	<10	3.7	115	6.4	N.A.	N.A.	N.A.
00251191	19	<10	2.1	44	78.3	N.A.	N.A.	N.A.
00251192	20	<10	2.7	129	80.6	N.A.	N.A.	N.A.
00251193	24	<10	2.6	26	59.4	N.A.	N.A.	N.A.
00251194	22	<10	2.9	26	65.1	N.A.	N.A.	N.A.
00251195	<2	<10	<0.5	3	4.1	N.A.	N.A.	N.A.
00251196	4	<10	0.6	4	15.5	N.A.	N.A.	N.A.
00251197	<2	<10	<0.5	3	0.7	N.A.	N.A.	N.A.
00251198	2	<10	<0.5	5	5.4	N.A.	N.A.	N.A.

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Element Method Det.Lim. Units	@V	@W	@Y	@Zn	@Zr	Pb	Zn	@Au
	GE_ICP40B 2 ppm	GE_ICP40B 10 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.5 ppm	GO_ICP41Q 0.01 %	GO_ICP41Q 0.01 %	GO_FAG303 0.5 g/t
00251199	31	<10	2.2	18	72.2	N.A.	N.A.	N.A.
00251200	<2	<10	<0.5	3	4.1	N.A.	N.A.	N.A.
00251028	2	<10	<0.5	5	3.5	N.A.	N.A.	N.A.
00251029	<2	<10	<0.5	3	1.6	N.A.	N.A.	N.A.
00251030	<2	<10	<0.5	3	0.7	N.A.	N.A.	N.A.
00251031	8	<10	1.6	12	24.2	N.A.	N.A.	N.A.
00251032	15	<10	1.6	22	32.8	N.A.	N.A.	N.A.
00251033	19	14	4.8	36	67.3	N.A.	N.A.	N.A.
00251034	25	<10	3.2	119	76.4	N.A.	N.A.	N.A.
00251035	30	11	4.4	20	70.9	N.A.	N.A.	N.A.
*Rep 00251111	3	<10	<0.5	2	1.8			
*Rep 00251184	28	<10	6.8	141	40.6			
*Std OREAS601	26	<10	11.4	1265	156			
*Std OREAS601	25	<10	10.9	1318	148			
*Std OREAS601	26	<10	11.3	1267	163			
*Blk BLANK	<2	<10	<0.5	<1	<0.5			
*Blk BLANK	<2	<10	<0.5	<1	<0.5			
*Blk BLANK	<2	<10	<0.5	<1	<0.5			
*Blk BLANK	<2	<10	<0.5	<1	<0.5			
*Std OREAS131B						1.92	3.04	
*Blk BLANK						<0.01	<0.01	
*Rep 00251116						2.54	1.95	
*Rep 00251152								11.95
*Blk BLANK								<0.50
*Std GS-20B								20.98

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Final : SD190201 Order:

Report File No.: 0000035886

Element Method Det.Lim. Units	Ag GO_FAG313 10 ppm
00251110	N.A.
00251111	N.A.
00251112	N.A.
00251113	N.A.
00251116	2141
00251117	1832
00251120	N.A.
00251121	N.A.
00251122	131
00251123	542
00251124	N.A.
00251125	N.A.
00251126	N.A.
00251128	N.A.
00251129	N.A.
00251130	N.A.
00251131	N.A.
00251133	N.A.
00251134	N.A.
00251135	N.A.
00251136	N.A.
00251137	99
00251138	N.A.
00251139	N.A.
00251140	N.A.
00251141	N.A.
00251142	N.A.
00251143	N.A.
00251144	N.A.
00251145	111
00251147	N.A.
00251148	N.A.
00251149	N.A.
00251151	N.A.
00251152	141
00251153	N.A.
00251154	N.A.
00251155	N.A.
00251156	155
*Dup 00251156	184

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Final : SD190201 Order:

Report File No.: 0000035886

Element Method Det.Lim. Units	Ag GO_FAG313 10 ppm
00251158	N.A.
00251159	N.A.
00251160	N.A.
00251161	N.A.
00251162	N.A.
00251163	N.A.
00251164	N.A.
00251165	N.A.
00251166	N.A.
00251167	N.A.
00251168	N.A.
00251169	N.A.
00251170	N.A.
00251171	310
00251172	N.A.
00251173	N.A.
00251174	108
00251175	N.A.
00251176	416
00251177	N.A.
00251179	N.A.
00251180	N.A.
00251181	N.A.
00251182	N.A.
00251183	N.A.
00251184	N.A.
00251185	N.A.
00251186	N.A.
00251187	N.A.
00251188	N.A.
00251189	N.A.
00251190	N.A.
00251191	N.A.
00251192	N.A.
00251193	N.A.
00251194	N.A.
00251195	N.A.
00251196	N.A.
00251197	N.A.
00251198	N.A.

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Final : SD190201 Order:

Report File No.: 0000035886

Element	Ag
Method	GO_FAG313
Det.Lim.	10
Units	ppm
00251199	N.A.
00251200	N.A.
00251028	N.A.
00251029	N.A.
00251030	N.A.
00251031	N.A.
00251032	N.A.
00251033	N.A.
00251034	N.A.
00251035	N.A.
*Blk BLANK	<10
*Rep 00251137	97
*Std OREAS604	476

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## **APPENDIX III**

### **Point of Interest (Table 2)**



Point of Interest Table-2

POI_#	Date	Easting	Northing	UTM Zone	Elevation	Description	Photo(s)
1	18-May-19	600709	5670354	15	405	Flag reading "495751." 272/50 N very weak shear in MV with quartz veining and felsic dykes.	
2	18-May-19	600715	5670356	15	405	Faded old orange flag reading "23269." 30cm quartz vein in rusty MV.	
3	18-May-19	600699	5670385	15	408	Old blazes on both sides of tree, orientation ~295 degrees.	
4	18-May-19	601056	5671053	15	396	Faded old orange flag reading "24 + 17E/18S.	
5	18-May-19	601055	5671059	15	396	West end of Trail Zone Trenches, some alteration but not much.	
6	18-May-19	601082	5671057	15	396	Faded old orange flag reading "24 + 43(E?)/18S.	
7	18-May-19	601120	5671056	15	402	Old sample with metal tag tied on with orange flagging: "1291533."	
8	18-May-19	601120	5671055	15	402	Strong shear at 090/86 degrees S. 1m N weak shear at 103/79 degrees.	
9	18-May-19	601153	5671054	15	399	Faded old orange flag reading "25 + 15E/20S."	
10	18-May-19	600667	5670285	15	410	4-5m wide cut line at 070 degrees.	
11	19-May-19	601307	5670743	15	400	Weakly-moderately magnetic rusty rock (lean iron formation?) at 250 degrees. Metal tag on old sample on old drill road: "1291559."	
12	19-May-19	601280	5670707	15	397	Old orange flag reading: "23021."	
13	19-May-19	601837	5671656	15	412	Quartz block near old channel sample wrapped in old flagging reading "23180" (?). Also sample with metal tag next to channel reading: "1291548."	
14	19-May-19	601950	5671662	15	405	Moderate mafic shear at 265/74 degrees N. More like 240 degrees in stronger sheared section.	
15	19-May-19	601955	5671662	15	405	Location of old channel sample, old sample with metal tag: "1291546."	
16	20-May-19	601070	5670903	15	414	Contact between rusty, sheared mafic volcanics and possible sediments, at 304/63 degrees NE.	
17	20-May-19	601101	5670979	15	401	Moderately sheared mafic volcanic on SW facing wall of rock at 087/80 degrees S.	
18	20-May-19	601192	5671074	15	401	South end of ~N/S trench, a few m wide. Some rusty boulders/outcrop nearby, mafic volcanic in contact with weakly sheared felsic intrusive with possible quartz eyes.	
19	20-May-19	601202	5671113	15	396	Quartz vein in mafic volcanics at north end of trench from POI-18. 15cm thick, exposed ~2m along strike, comb texture on both sides. 192/72 degrees W. QV is in large joint at same orientation, another large joint intersecting it at 072 degrees. Shallow dipping shear in the MV, ~000/22 degrees E. Sketch and photo N.	yes
20	21-May-19	601318	5671040	15	407	Weakly sheared mafic volcanics at 352/38 degrees E.	
21	21-May-19	601364	5671092	15	412	West end of E-W trench on old road.	
22	21-May-19	601978	5671671	15	405	Old core pile ("ax") at Sanderson trench. Photo N.	yes
23	21-May-19	601976	5671667	15	402	A few faded orange flags around samples close to old channel sample in Sanderson trench. One reads: "23168."	
24	21-May-19	601988	5671663	15	412	A couple of different shear directions in Sanderson trench. Moderate shear at 265/85 degrees N, weak-moderate shear at 050/75 degrees SE.	
25	21-May-19	601990	5671664	15	412	A number of old samples wrapped in orange flags, two metal tags read: "1291542," "1291544."	
26	21-May-19	602029	5671663	15	409	Shear with 5cm QV in Sanderson trench. Main trend is 098 degrees, 1 surface dips 86 degrees N, another dips 88 degrees S (subvertical). Other fractures at 052 degrees, 328/78 degrees E. The 052 degree fracture curves a bit to the E. Photos E, N.	yes
27	21-May-19	602054	5671664	15	401	Old sample with metal tag tied on with orange flagging: "1291540."	
28	23-May-19	601979	5671606	15	410	High ground, low swampy ground to east. To west moderate, fine for drilling.	
29	23-May-19	601983	5671652	15	407	South end of a N/S trench at the Sanderson Trench, probably hand-dug.	
30	23-May-19	601987	5671667	15	403	S end of another hand-dug N/S trench at the Sanderson Trench.	
31	23-May-19	602037	5671665	15	403	Old sample with metal tag tied on with orange flagging: "1291555."	
32	23-May-19	602054	5671660	15	401	Sump at E end of Sanderson Trench.	
33	23-May-19	602105	5671684	15	395	Swampy low ground to north, south fine for drilling.	

34	23-May-19	602129	5671682	15	397	~Midpoint of hand-dug N/S trench.	
35	23-May-19	602317	5671662	15	404	Old sample with metal tag tied on with orange flagging at Sanderson E: "1291551."	
36	23-May-19	602286	5671944	15	397	Eastern extent of exposure of 0.6m quartz vein trending 090 degrees for at least 7m. Numerous fractures perpendicular to vein trend. Photo W.	yes
37	23-May-19	602359	5671950	15	405	East end of an E-W trench, Sanderson North.	
38	23-May-19	602356	5671950	15	405	90 degree foliation in rusty outcrop.	
39	23-May-19	602328	5671961	15	403	5cm subvertical quartz vein in E-W shear.	
40	23-May-19	602325	5671955	15	404	078/80 degree moderate-strong shear in mafic volcanics.	
41	23-May-19	602277	5671943	15	397	Shallow-dipping weak shear/stringers in mafic volcanics immediately south of E-W subvertical shear and 0.6m quartz vein at Sanderson N. 025/38 degrees E. Photo E.	yes
42	23-May-19	602283	5671934	15	396	>1m felsic-intermediate dyke in outcrop trending 090 degrees, quartz stringers on margins. Joints forming 'X' at 125, 035 degrees. Photos of stringers N, jts E.	yes
43	23-May-19	602279	5671923	15	399	Shear in mafic volcanics at ~030 degrees over >10m at Sanderson N. Photo NE.	yes
44	23-May-19	602337	5671668	15	400	Moderate shear at ~067/65 degrees SE, Sanderson E.	
45	23-May-19	602325	5671661	15	398	Old sample with metal tag tied on with orange flagging: "1291552."	
46	23-May-19	602321	5671657	15	398	074/77 degree S shear, old sample with metal tag: "1291550."	
47	23-May-19	602325	5671643	15	405	Old sample with metal tag tied on with orange flagging: "1291553."	
48	24-May-19	601310	5670940	15	410	Old faded orange flag: "51 - L16+50E - 1 + 75S."	yes
49	24-May-19	601335.5	5671089	15	410	West end of E-W trench on old road E of Trail Zone. Old sample wrapped in orange flagging with metal tag reading "1291538."	
50	24-May-19	601160	5671143	15	399	A few cm-wide drillhole immediately adjacent to a 30cm shear in felsic intrusive in an old trench NE of the Trail Zone. Hole is on S side, dips perpendicular to the shear at ~60 degrees. Photo N.	yes
51	24-May-19	601128	5671084	15	398	Small core pile northeast of the Trail Zone. Photo N.	yes
52	26-May-19	605712	5669972	15	407	Fractures/foliation at 267/80-90 degrees N.	
53	26-May-19	605686	5669986	15	403	Fractures/foliation/shear at 267/71 degrees N in felsic intrusive. Sharp cross-cutting fracture at 020/79 degrees E.	
54	26-May-19	605605	5669989	15	402	Historical sample "23121," rusty felsic intrusive.	
55	26-May-19	605627	5669992	15	405	090 degree shear, 350 degree x-cutting fracture.	
57	26-May-19	605631	5669984	15	401	Historical sample "23125," quartz vein. Photo N.	yes
58	27-May-19	601976	5671594	15	404	At approximate location of proposed drill collar "G". To E towards holes "H, I" there is an elevation drop of 5-10m. Terrain is great to W and won't need much casing.	
59	27-May-19	601972	5671664	15	404	SE corner of Sanderson helicopter pad.	
60	27-May-19	601965	5671690	15	401	NE corner of Sanderson helicopter pad.	
61	27-May-19	601941	5671687	15	405	NW corner of Sanderson helicopter pad.	
62	27-May-19	601937	5671653	15	404	SW corner of Sanderson helicopter pad.	
63	27-May-19	602024	5671663	15	408	Low and swampy terrain to S, high to N. Photos S, N.	yes
64	27-May-19	602320	5671658	15	404	Historical sample "...205 sample", orange flag wrapped around rock.	
65	27-May-19	601990	5671663	15	404	Historical sample "1291549" with metal tag and orange flagging.	
66	27-May-19	602346	5671659	15	406	SE corner of Sanderson East helicopter pad.	
67	27-May-19	602340	5671674	15	408	NE corner of Sanderson East helicopter pad.	
68	27-May-19	602317	5671673	15	402	NW corner of Sanderson East helicopter pad.	
69	27-May-19	602311	5671649	15	397	SW corner of Sanderson East helicopter pad.	
70	27-May-19	601143	5671102	15	399	NE corner of Trail Zone helicopter pad.	
71	27-May-19	601142	5671083	15	403	SE corner of Trail Zone helicopter pad.	
72	27-May-19	601115	5671109	15	399	NW corner of Trail Zone helicopter pad.	
73	27-May-19	601109	5671090	15	399	SW corner of Trail Zone helicopter pad.	

## **APPENDIX IV**

### **SGS Labs Analytical Descriptions**

G PHY03V Specific gravity - pycnometer  
[G\\_PHY06V](#)

G PHY05V Specific gravity - volumetric  
[G\\_PHY07V](#)

G PHY14V Specific Gravity - pycnometer bottle  
[G\\_PHY08V](#)

G PHY04V Bulk density - immersion  
[G\\_PHY18V](#)

Note: If samples are porous, PHY04V will require a pre-preparation charge if it is necessary to coat samples with a sealant or wax coating.

## PARTICLE SIZE ANALYSIS

Particle size analysis is used to determine the size classification and structural properties of an ore sample or to produce sized fractions for additional testing/analyses. SGS offers particle size analysis by wet screening, dry screening, a combination of both, or laser diffraction.

Wet screening is preferable to dry screening for materials containing a high percentage of clays which tend to agglomerate and thus give erroneous dry screening results. Dry screen tests can be performed on a variety of materials, but the sample must be free flowing and the particles separate (e.g. unagglomerated).

Often wet and dry methods are combined. Wet screening is performed to remove excessive fines then dry screening is performed to remove the oversize. Depending upon the nature of the material, dry screening, wet screening or a combination of both can be used.

Laser diffraction is recommended for very fine grained samples, as it is capable of measuring particle sizes at very low limits (0.02 microns).

Laser diffraction is suitable for use with both wet and dry flows.

G PHY06V Particle size, sieve analysis (dry or wet)  
[G\\_PHY15V](#)

G PHY07V Particle size, laser diffraction  
[G\\_PHY16V](#)

## PRECIOUS METALS

Precious metals (gold, silver and platinum group elements) can be analyzed by many techniques. Procedures for gold determination must take into account the sample type, sample concentration, purpose of the analysis, sample mineralogy and form of the gold (if known). Lead collection fire assay is considered the most definitive technique while acid digests and accelerated cyanide leaches can be effective for specific purposes. Similarly, silver can be determined by fire assay or acid digest techniques.

Please discuss your particular circumstance with an SGS chemist so you can choose the most appropriate technique. For more details, see our publication, Rocks to Results, Chapter 4.3.

Some platinum group elements (PGE) can also be determined by lead collection fire assay but this is not recommended. The six element PGE suite is best determined by nickel sulphide collection fire assay and neutron activation or ICP-MS. Sulphide-rich samples can require a reduction in sample weight to fuse properly.

Note: Lower and upper reporting limits of a given method can vary slightly among SGS laboratories due to reagent quality, access to consumables and instrument availability. Please inquire.

## GOLD

### EXPLORATION-GRADE ANALYSIS

#### FIRE ASSAY GOLD

CODE	ELEMENT	LIMIT(S)	DESCRIPTION
GE FAA313 <a href="#">GE_FAA30V5</a>	Au	5 - 10,000 ppb	30 g, Fire assay, AAS finish
GE FAA515 <a href="#">GE_FAA50V5</a>	Au	5 - 10,000 ppb	50 g, Fire assay, AAS finish
GE FAI313* <a href="#">GE_FAI30V5</a>	Au**	1 - 10,000 ppb	30 g, Fire assay, ICP-AES finish
GE FAI515* <a href="#">GE_FAI50V5</a>	Au**	1 - 10,000 ppb	50 g, Fire assay, ICP-AES finish
GE FAI323 <a href="#">GE_FAI31V5</a>	Au**	5 - 10,000 ppb	30 g, Fire assay, ICP-AES finish

GE FAI525 <a href="#">GE_FAI51V5</a>	Au**	5 - 10,000 ppb	50 g, Fire assay, ICP-AES finish
GE FAM313 <a href="#">GE_FAM30V5</a>	Au**	1 - 2,000 ppb	30 g, Fire assay, ICP-MS finish
GE FAM515 <a href="#">GE_FAM50V5</a>	Au**	1 - 2,000 ppb	50 g, Fire assay, ICP-MS finish

Note: \*GE FAI313/515 methods use new fire assay pots to achieve lower limits. \*\* Pt and Pd can be included, refer to page 33.

Gold in soils and/or sediments can be determined by aqua regia digest and DIBK extraction. This is a partial leach and can require a pre-treatment such as roasting if samples contain significant sulphur bearing phases. This gold analytical method has the following advantages:

- Use of large sample sizes (25 g - 50 g) which ensures representative results for materials exhibiting nugget effect.
- The digest used for gold can also be used for a large suite of additional elements.

#### GOLD BY ACID DIGESTION (AQUA REGIA)

CODE	ELEMENT	LIMIT(S)	DESCRIPTION
GE ARE145 <a href="#">GE_ARE1V50</a>	Au	2 - 200 ppb	50 g, Aqua regia digest, DIBK extraction, AAS finish
GE ARE133 <a href="#">GE_ARE2V25</a>	Au	0.02 - 200 ppm	25 g, Aqua regia digest, DIBK extraction, AAS finish
GE ARE155 <a href="#">GE_ARE2V50</a>	Au	0.01 - 100 ppm	50 g, Aqua regia digest, DIBK extraction, AAS finish
GE ARM133 <a href="#">GE_ARMV25</a>	Au*	1 - 500 ppb	25 g, Aqua regia digest, ICP-MS finish
GE ARM155 <a href="#">GE_ARMV50</a>	Au*	1 - 500 ppb	50 g, Aqua regia digest, ICP-MS finish

\* Note: Refer to page 39 for additional elements that can be determined by this method.

Cyanide leach procedures are used to enhance small gold anomalies during exploration and to monitor gold extraction efficiencies in metallurgical applications.

Bulk Leach Extractable Gold (BLEG) is a cyanide-based partial leach procedure that uses a large sample size (0.5 kg to 5 kg). It is used to enhance small gold anomalies during exploration. The cyanide leachate solution is extracted into an organic solvent and measured by flame AAS

or ICP-MS. Our active cyanide leach packages are available with a variety of sample sizes, detection limits and finishing methods. The mini cyanide leach package is available for smaller sample sizes, allowing for faster TAT than active cyanide leach.

Other elements are also partially extracted with the cyanide leach and can be measured on request.

#### CYANIDE EXTRACTABLE GOLD

CODE	ELEMENT	LIMIT(S)	DESCRIPTION
GE BLE643 <a href="#">GE_MBLA65V30</a>	Au	0.1 - 1000 ppm	Hot, 30 g, Mini cyanide leach, ICP-AES or AAS finish
GE BLE61K <a href="#">GE_BLE61K</a>	Au	0.02 - 100 ppm	500 g, Active cyanide leach, Solvent extraction, AAS finish
GE BLE61N <a href="#">GE_BLE61N</a>	Au	1 ppb - 100 ppm	2000 g, Active cyanide leach, Solvent extraction, AAS finish
GE BLL61K	Au	0.05 ppb - 100 ppm	500 g, Active cyanide leach, ICP-MS finish
GE BLL61N	Au	0.05 ppb - 100 ppm	2000 g, Active cyanide leach, ICP-MS finish

The Leachwell™ tab is a proprietary product and Leachwell™ is a patented process. Accelerated cyanide leach techniques are used to determine bulk leachable gold in exploration samples using modified cyanide leach (Leachwell™). The large sample is mixed with water and Leachwell™ tabs and tumbled. The gold is extracted into DIBK and analyzed by flame AAS or ICP-MS. Other elements (Cu, Ag, Pb and Zn) are also partially extracted by the cyanide leach and can be measured on request.

#### ACCELERATED CYANIDE LEACH FOR GOLD

CODE	ELEMENT	LIMIT(S)	DESCRIPTION
GE LWL69J <a href="#">GE_LWVE69J</a>	Au	0.01 - 1,000 ppm	200 g, Accelerated cyanide leach, AAS
GE LWL69K <a href="#">GE_LWVE69K</a>	Au	0.01 - 1,000 ppm	500 g, Accelerated cyanide leach, AAS
GE LWL69L <a href="#">GE_LWVE69L</a>	Au	0.01 - 1,000 ppm	800 g, Accelerated cyanide leach, AAS
GE LWL69M <a href="#">GE_LWVE69M</a>	Au	0.01 - 1,000 ppm	1000 g, Accelerated cyanide leach, AAS

GO FAG323 GO_FAG32V	Au	0.01 - 100 ppm	30 g, Fire assay, AAS finish (Au) gravimetric finish (Ag)
	Ag	10 - 10000 ppm	
GO FAG333 GO_FAG33V	Au	0.5 - 10000 ppm	30 g, Fire assay, gravimetric finish (Au, Ag)
	Ag	10 - 10000 ppm	
GO FAG525 GO_FAG52V	Au	0.01 - 100 ppm	50 g, Fire assay, AAS finish (Au), gravimetric finish (Ag)
	Ag	10 - 10000 ppm	

### CONTROL AND CONCENTRATE-GRADE ANALYSIS

#### INSTRUMENTAL AND GRAVIMETRIC ANALYSIS

CODE	ELEMENT	LIMIT(S)	DESCRIPTION
GC AAS42V GC_AAS43V100	Ag	1 - 1000 ppm	Variable wt, 4-acid digest, AAS finish
GC FAG323 GC_FAG32V	Au	0.02 ppm	30 g, Fire assay, AAS finish (Au) gravimetric finish (Ag)
	Ag	10 ppm	
GC FAG333 GC_FAG33V	Au	0.5 ppm	30 g, Fire assay, gravimetric finish (Au, Ag)
	Ag	10 ppm	
GC ARS12D GC_ACA22D100V	Ag	2 - 2,000 ppm	Carbon, 1 g, ash, acid digest, extract, AAS finish
GC BUL37V GC_BUL36V	Ag	0.01 - 99.5%	250-500 mg, Fire assay, gravimetric finish

## GOLD, PLATINUM, PALLADIUM AND OTHER PRECIOUS METALS

### EXPLORATION-GRADE ANALYSIS

#### GOLD, PLATINUM AND PALLADIUM

CODE	ELEMENT	LIMIT(S)	DESCRIPTION
GE FAI313* GE_FAI30V5	Au	1 - 10,000 ppb	30 g, Fire assay, ICP-AES finish
	Pt	10 - 10,000 ppb	
	Pd	1 - 10,000 ppb	
GE FAI515* GE_FAI50V5	Au	1 - 10,000 ppb	50 g, Fire assay, ICP-AES finish
	Pt	10 - 10,000 ppb	
	Pd	1 - 10,000 ppb	
GE FAM313 GE_FAM30V5	Au	1 - 2,000 ppb	30 g, Fire assay, ICP-MS finish
	Pt	0.5 - 2,000 ppb	
	Pd	0.5 - 2,000 ppb	
GE FAM515 GE_FAM50V5	Au	1 - 2,000 ppb	50 g, Fire assay, ICP-MS finish
	Pt	0.5 - 2,000 ppb	
	Pd	0.5 - 2,000 ppb	
GE FAI323 GE_FAI31V5	Au	5 - 10,000 ppb	30 g, Fire assay, ICP-AES finish
	Pt	10 - 10,000 ppb	
	Pd	5 - 10,000 ppb	
GE FAI525 GE_FAI51V5	Au	5 - 10,000 ppb	50 g, Fire assay, ICP-AES finish
	Pt	10 - 10,000 ppb	
	Pd	5 - 10,000 ppb	

Note: \*GE FAI313/515 methods use new fire assay pots to achieve lower limits.

Very low detection limits can be obtained by aqua regia digest and ICP-MS finish. This technique is applicable to exploration work as it yields rapid and accurate data.

Note: GE ARM133 and GE ARM155 are not available in all SGS laboratories. Please inquire.

## MULTI-ACID (FOUR ACID) DIGESTION PACKAGES

### NITRIC, HYDROFLUORIC, PERCHLORIC AND HYDROCHLORIC ACID DIGEST

Multi-acid (Four acid) digestion is a very effective dissolution procedure for a large number of mineral species and is suitable for a wide range of elements. Multi-acid digestion uses a combination of HNO<sub>3</sub> (nitric acid), HF (hydrofluoric acid), HClO<sub>4</sub> (perchloric acid) and HCl (hydrochloric acid). Because hydrofluoric acid dissolves silicate minerals, these digestions are often referred to as "near-total digestions". For more details, see our publication, Rocks to Results, Chapter 4.

NOTE: Requires a minimum sample weight of 0.5g. Detection and upper limit can vary slightly among SGS laboratories because some laboratories may not have access to high purity reagents and consumables and/or they can have slight differences in instrumentation. Please talk with your local lab manager to make sure you get the reporting limits you need.

NOTE: Refractory minerals such as oxides have limited solubility in multi-acid (Four acid) digestions. Often elements can precipitate or volatilize during digestion. These factors can compromise analytical results for Al, Ba, Cr, Hf, Mo, Mn, Nb, Pb, Si, Sn, Ti, Ta, W, Zr, As, Sb, Se and Te in some sample types.

### MULTI-ACID (FOUR ACID) DIGESTION / ICP-AES PACKAGE (33 ELEMENTS)

#### GE ICP40B GE\_ICP40Q12

#### ELEMENTS AND LIMIT(S)

Ag 2 - 100 ppm	Fe 0.01 - 15%	S 0.01 - 5%
Al 0.01 - 15%	K 0.01 - 15%	Sb 5 - 10000 ppm
As 3 - 10000 ppm	La 0.5 - 10000 ppm	Sc 0.5 - 10000 ppm
Ba 1 - 10000 ppm	Li 1 - 10000 ppm	Sn 10 - 10000 ppm

Be 0.5 - 2500 ppm	Mg 0.01 - 15%	Sr 0.5 - 10000 ppm
Bi 5 - 10000 ppm	Mn 2 - 10000 ppm	Ti 0.01 - 15%
Ca 0.01 - 15%	Mo 1 - 10000 ppm	V 2 - 10000 ppm
Cd 1 - 10000 ppm	Na 0.01 - 15%	W 10 - 10000 ppm
Co 1 - 10000 ppm	Ni 1 - 10000 ppm	Y 0.5 - 10000 ppm
Cr 1 - 10000 ppm	P 0.01 - 15%	Zn 1 - 10000 ppm
Cu 0.5 - 10000 ppm	Pb 2 - 10000 ppm	Zr 0.5 - 10000 ppm

Note: Additional elements can be added. Please inquire.

### MULTI-ACID (FOUR ACID) DIGESTION / COMBINED ICP-AES AND ICP-MS PACKAGE (49 ELEMENTS)

#### GE ICM40B

#### ELEMENTS AND LIMIT(S)

Ag 0.02 - 100 ppm	K 0.01 - 15%	Sn 0.3 - 1000 ppm
Al 0.01 - 15%	La 0.1 - 10000 ppm	Sr 0.5 - 10000 ppm
As 1 - 10000 ppm	Li 1 - 10000 ppm	Ta 0.05 - 10000 ppm
Ba 1 - 10000 ppm	Lu 0.01 - 1000 ppm	Tb 0.05 - 10000 ppm
Be 0.1 - 2500 ppm	Mg 0.01 - 15%	Te 0.05 - 1000 ppm
Bi 0.04 - 10000 ppm	Mn 2 - 10000 ppm	Th 0.2 - 10000 ppm
Ca 0.01 - 15%	Mo 0.05 - 10000 ppm	Ti 0.01 - 15%
Cd 0.02 - 10000 ppm	Na 0.01 - 15%	Tl 0.02 - 10000 ppm
Ce 0.05 - 1000 ppm	Nb 0.1 - 1000 ppm	U 0.05 - 10000 ppm
Cs 1 - 1000 ppm	Ni 0.5 - 10000 ppm	V 2 - 10000 ppm
Co 0.1 - 10000 ppm	P 0.01 - 15%	W 0.1 - 10000 ppm
Cr 1 - 10000 ppm	Pb 0.5 - 10000 ppm	Y 0.1 - 10000 ppm
Cu 0.5 - 10000 ppm	Rb 0.2 - 10000 ppm	Yb 0.1 - 1000 ppm
Fe 0.01 - 15%	S 0.01 - 5%	Zn 1 - 10000 ppm
Ga 0.1 - 500 ppm	Sb 0.05 - 10000 ppm	Zr 0.5 - 10000 ppm
Hf 0.02 - 500 ppm	Sc 0.1 - 1000 ppm	
In 0.02 - 500 ppm	Se 2 - 1000 ppm	

Note: Select packages for rare earth elements can be found on pg 59.

## **APPENDIX V**

### **List of Claims (Table 3)**



<b>Table-3</b>	<b>Claim List</b>		
<i>Tenure ID</i>	<i>Title Type</i>	<i>Anniversary Date</i>	<i>TOWNSHIP / AREA</i>
136483	Boundary Cell Mining Claim	2019-05-26	WESLEYAN LAKE AREA
141923	Boundary Cell Mining Claim	2019-05-26	FRY LAKE AREA
162761	Boundary Cell Mining Claim	2019-11-01	WESLEYAN LAKE AREA
163379	Boundary Cell Mining Claim	2019-05-26	WESLEYAN LAKE AREA
171899	Boundary Cell Mining Claim	2019-11-01	WESLEYAN LAKE AREA
201347	Boundary Cell Mining Claim	2019-05-26	WESLEYAN LAKE AREA
201348	Boundary Cell Mining Claim	2019-05-26	WESLEYAN LAKE AREA
208650	Boundary Cell Mining Claim	2019-05-26	FRY LAKE AREA
220742	Boundary Cell Mining Claim	2019-05-26	WESLEYAN LAKE AREA
222156	Boundary Cell Mining Claim	2019-11-01	WESLEYAN LAKE AREA
238470	Boundary Cell Mining Claim	2019-05-26	WESLEYAN LAKE AREA
256497	Boundary Cell Mining Claim	2019-05-26	WESLEYAN LAKE AREA
257243	Boundary Cell Mining Claim	2019-11-01	WESLEYAN LAKE AREA
267874	Boundary Cell Mining Claim	2019-05-26	FRY LAKE AREA
267883	Boundary Cell Mining Claim	2019-05-26	FRY LAKE AREA
276570	Boundary Cell Mining Claim	2019-11-01	WESLEYAN LAKE AREA
305891	Boundary Cell Mining Claim	2019-11-01	WESLEYAN LAKE AREA
311253	Boundary Cell Mining Claim	2019-05-26	FRY LAKE AREA
311955	Boundary Cell Mining Claim	2019-05-26	WESLEYAN LAKE AREA
313216	Boundary Cell Mining Claim	2019-11-01	WESLEYAN LAKE AREA
325960	Boundary Cell Mining Claim	2019-11-01	WESLEYAN LAKE AREA
334369	Boundary Cell Mining Claim	2019-05-26	FRY LAKE AREA
549460	Multi-cell Mining Claim	2019-05-26	FRY LAKE AREA
549461	Multi-cell Mining Claim	2019-05-26	FRY LAKE AREA, WESLEYAN LAKE AREA
549462	Multi-cell Mining Claim	2019-05-26	FRY LAKE AREA, WESLEYAN LAKE AREA
549463	Multi-cell Mining Claim	2019-05-26	FRY LAKE AREA
549464	Multi-cell Mining Claim	2019-05-26	WESLEYAN LAKE AREA
549465	Multi-cell Mining Claim	2019-05-26	WESLEYAN LAKE AREA
551031	Multi-cell Mining Claim	2021-06-04	WESLEYAN LAKE AREA
551032	Multi-cell Mining Claim	2021-06-04	FRY LAKE AREA, WESLEYAN LAKE AREA
551033	Multi-cell Mining Claim	2021-06-04	FRY LAKE AREA, WESLEYAN LAKE AREA
552487	Multi-cell Mining Claim	2021-06-22	FRY LAKE AREA
552488	Multi-cell Mining Claim	2021-06-22	FRY LAKE AREA, WESLEYAN LAKE AREA
552489	Multi-cell Mining Claim	2021-06-22	FRY LAKE AREA, WESLEYAN LAKE AREA
553248	Multi-cell Mining Claim	2021-07-09	WESLEYAN LAKE AREA
112513	Single Cell Mining Claim	2019-11-01	WESLEYAN LAKE AREA
113447	Single Cell Mining Claim	2019-11-01	WESLEYAN LAKE AREA
114279	Single Cell Mining Claim	2019-11-01	WESLEYAN LAKE AREA
114280	Single Cell Mining Claim	2019-11-01	WESLEYAN LAKE AREA
114281	Single Cell Mining Claim	2019-11-01	WESLEYAN LAKE AREA
143182	Single Cell Mining Claim	2019-11-01	WESLEYAN LAKE AREA
143914	Single Cell Mining Claim	2019-11-01	WESLEYAN LAKE AREA
147357	Single Cell Mining Claim	2019-11-01	WESLEYAN LAKE AREA
161400	Single Cell Mining Claim	2019-11-01	WESLEYAN LAKE AREA
162762	Single Cell Mining Claim	2019-11-01	WESLEYAN LAKE AREA
162786	Single Cell Mining Claim	2019-11-01	WESLEYAN LAKE AREA
166732	Single Cell Mining Claim	2019-11-01	WESLEYAN LAKE AREA
171900	Single Cell Mining Claim	2019-11-01	WESLEYAN LAKE AREA
171901	Single Cell Mining Claim	2019-11-01	WESLEYAN LAKE AREA
171902	Single Cell Mining Claim	2019-11-01	WESLEYAN LAKE AREA
201898	Single Cell Mining Claim	2019-11-01	WESLEYAN LAKE AREA
210608	Single Cell Mining Claim	2019-11-01	WESLEYAN LAKE AREA
214055	Single Cell Mining Claim	2019-11-01	WESLEYAN LAKE AREA
221451	Single Cell Mining Claim	2019-11-01	WESLEYAN LAKE AREA
221452	Single Cell Mining Claim	2019-11-01	WESLEYAN LAKE AREA
222157	Single Cell Mining Claim	2019-11-01	WESLEYAN LAKE AREA
222184	Single Cell Mining Claim	2019-11-01	WESLEYAN LAKE AREA
232745	Single Cell Mining Claim	2019-11-01	WESLEYAN LAKE AREA
238519	Single Cell Mining Claim	2019-11-01	WESLEYAN LAKE AREA
238520	Single Cell Mining Claim	2019-11-01	WESLEYAN LAKE AREA
238521	Single Cell Mining Claim	2019-11-01	WESLEYAN LAKE AREA
249278	Single Cell Mining Claim	2019-11-01	WESLEYAN LAKE AREA
256530	Single Cell Mining Claim	2019-11-01	WESLEYAN LAKE AREA
257417	Single Cell Mining Claim	2019-11-01	WESLEYAN LAKE AREA
262015	Single Cell Mining Claim	2019-11-01	WESLEYAN LAKE AREA
269466	Single Cell Mining Claim	2019-11-01	WESLEYAN LAKE AREA
276606	Single Cell Mining Claim	2019-11-01	WESLEYAN LAKE AREA
309906	Single Cell Mining Claim	2019-11-01	WESLEYAN LAKE AREA
309907	Single Cell Mining Claim	2019-11-01	WESLEYAN LAKE AREA
312491	Single Cell Mining Claim	2019-11-01	WESLEYAN LAKE AREA
324714	Single Cell Mining Claim	2019-11-01	WESLEYAN LAKE AREA
325961	Single Cell Mining Claim	2019-11-01	WESLEYAN LAKE AREA
329421	Single Cell Mining Claim	2019-11-01	WESLEYAN LAKE AREA
329422	Single Cell Mining Claim	2019-11-01	WESLEYAN LAKE AREA
329423	Single Cell Mining Claim	2019-11-01	WESLEYAN LAKE AREA

## **APPENDIX VI**

### **Photos**

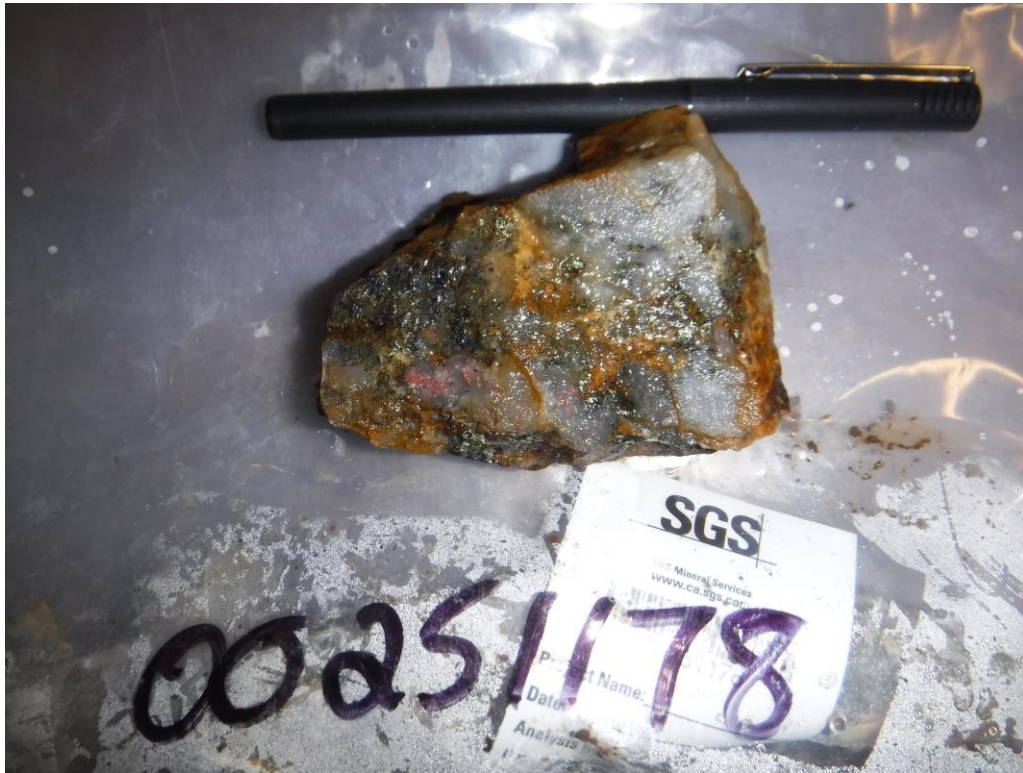
Quartz at Trail Zone



Quartz Vein with Galena at Sanderson Main Zone



Mineralized Quartz Vein at Sanderson East Zone



Quartz Vein with Chalcopyrite at Sanderson East Zone Looking North



Sheared Felsic Intrusive North of Trail Zone



Rusty Zone with Quartz Vein at Sanderson Main Zone Looking North



Felsic Dyke with Anomalous Au on Margin at Sanderson North Looking East



**Daily Log Slate Falls Project May 2019**

<b>Date</b>	<b>Activities</b>	<b>B. Maclachlan days</b>	<b>C. Robertson days</b>
16-May-19	Travel to Sioux Lookout	1	1
17-May-19	Drove to Slate Falls, prospected north of the lake	1	1
18-May-19	Checked out the Trail Showing, prospecting north of Trail	1	1
19-May-19	Sampling at the Sanderson showing	1	1
20-May-19	Prospecting and sampling north of Trail	1	1
21-May-19	Sampling at the Sanderson showing	1	1
22-May-19	Rain day, picked up groceries	1	1
23-May-19	Went to Sanderson East & North	1	1
24-May-19	Prospecting east and north of Trail	1	1
25-May-19	Rain day	1	1
26-May-19	Prospecting east end of property	1	1
27-May-19	Flag helicopter pads	1	1
28-May-19	Enter data	1	1
29-May-19	Enter data	1	1
30-May-19	Drove to Thunder Bay	1	1
31-May-19	Report Writing	1	1
01-Jun-19	Report Writing	1	1
02-Jun-19			
03-Jun-19	Travel	1	1