

We are committed to providing [accessible customer service](#).

If you need accessible formats or communications supports, please [contact us](#).

Nous tenons à améliorer [l'accessibilité des services à la clientèle](#).

Si vous avez besoin de formats accessibles ou d'aide à la communication, veuillez [nous contacter](#).



CANADIAN EXPLORATION SERVICES LTD

SKEAD HOLDINGS LTD.

**Q2805 – Darkwater Property
Grass Roots Prospecting Program**

C Jason Ploeger, P.Geo. November 6, 2020

SKEAD HOLDINGS LTD.

Abstract

CXS was contracted to perform prospecting over the Darkwater Property for Skead Holdings Ltd. The traverses were designed to target any known MDI and AMIS features along with random traverses to located outcrops and mineralization. To accomplish this, random traverses were performed over the area to try and cover as much ground as possible. Any outcrop encountered had a representative rock sample taken. 47 samples were collected in total.

SKEAD HOLDINGS LTD.

**Q2805 – Darkwater Property
Grass Roots Prospecting Program**

C Jason Ploeger, P.Geol.

November 6, 2020

TABLE OF CONTENTS

1.	SURVEY DETAILS	10
1.1	PROJECT NAME	10
1.2	CLIENT	10
1.3	SUMMARY	10
1.4	LOCATION	10
1.5	ACCESS	11
1.6	OWNERSHIP	12
1.7	GENERAL GEOLOGY	12
1.8	PROPERTY HISTORY	12
2.	PROSPECTING	15
2.1	OVERVIEW	15
2.2	PLANS & PERMITS	16
2.3	DAILY LOG	16
2.4	PERSONNEL	16
2.5	TRAVERSE SPECIFICATIONS	16
3.	RESULTS	17
3.1	SUMMARY OF SAMPLES COLLECTED	17
3.2	DAY 1 – 14 OCTOBER 2020	18
3.3	DAY 2 – 15 OCTOBER 2020	35
3.3	DAY 3 – 16 OCTOBER 2020	52

LIST OF APPENDICES

APPENDIX A	STATEMENT OF QUALIFICATIONS
APPENDIX B	INSTRUMENT SPECIFICATIONS
APPENDIX C	LIST OF MAPS (IN MAP POCKET)

LIST OF TABLES AND FIGURES

Figure 1: Location of the Darkwater Property	11
Figure 2: Areas Prospected	15
Figure 3: Traverse conducted on October 14, 2020	18
Figure 4: Cross Section of Sample 905718	20
Figure 5: Cross Section of Sample 905777	21
Figure 6: Cross Section of Sample 905778	22
Figure 7: Cross Section of Sample 903708	23
Figure 8: Cross Section of Sample 903709	24

Figure 9: Cross Section of Sample 903710	25
Figure 10: Cross Section of Sample 903711	26
Figure 11: Cross Section of Sample 903712	27
Figure 12: Cross Section of Sample 903713	28
Figure 13: Cross Section of Sample 903714	29
Figure 14: Cross Section of Sample 903715	30
Figure 15: Cross Section of Sample 903716	31
Figure 16: Cross Section of Sample 903717	32
Figure 17: Cross Section of Sample 903718	33
Figure 18: Cross Section of Sample 903719	34
Figure 19: Traverse conducted on October 15, 2020	35
Figure 20: Picture of Trench Located	36
Figure 21: Cross Section of Sample 905719	37
Figure 22: Cross Section of Sample 905720	38
Figure 23: Cross Section of Sample 905721	39
Figure 24: Cross Section of Sample 905722	40
Figure 25: Cross Section of Sample 905706	41
Figure 26: Cross Section of Sample 905724	42
Figure 27: Cross Section of Sample 905779	43
Figure 28: Cross Section of Sample 905780	44
Figure 29: Cross Section of Sample 905781	45
Figure 30: Cross Section of Sample 905782	46
Figure 31: Cross Section of Sample 905783	47
Figure 32: Cross Section of Sample 905784	48
Figure 33: Cross Section of Sample 903720	49
Figure 34: Cross Section of Sample 903721	50
Figure 35: Cross Section of Sample 903722	51
Figure 36: Traverse conducted on 16 October, 2020	52
Figure 37: Picture of Shaft Located	54
Figure 38: Picture of Trench Located	54
Figure 39: Picture of Trench Located	55
Figure 40: Picture of Trench Located	55
Figure 41: Picture of Trench Located	56
Figure 42: Picture of Drill Hole Located	56
Figure 43: Picture of Drill Hole Located	57
Figure 44: Picture of Drill Hole Located	57
Figure 45: Cross Section of Sample 905725	58
Figure 46: Cross Section of Sample 905726	59

Figure 47: Samples 905725 and 905726.....	60
Figure 48: Cross Section of Sample 905727	61
Figure 49: Cross Section of Sample 905728	62
Figure 50: Cross Section of Sample 905729	63
Figure 51: Cross Section of Sample 905730	64
Figure 52: Cross Section of Sample 905731	65
Figure 53: Cross Section of Sample 905732	66
Figure 54: Cross Section of Sample 905733	67
Figure 55: Cross Section of Sample 905734	68
Figure 56: Cross Section of Sample 905735	69
Figure 57: Cross Section of Sample 905785	70
Figure 58: Cross Section of Sample 905786	71
Figure 59: Cross Section of Sample 905787	72
Figure 60: Cross Section of Sample 905788	73
Figure 61: Cross Section of Sample 905789	74
Figure 62: Cross Section of Sample 905790	75
Table 1: List of Cell Claims	12
Table 2: Daily Prospecting Log.....	16
Table 3: Summary of Samples Collected	17
Table 4: List of Features Located on October 14.....	19
Table 5: List of Features Located on October 15.....	36
Table 6: List of Features Located on October 16.....	53

1. SURVEY DETAILS

1.1 PROJECT NAME

This project is known as the **Darkwater Property**

1.2 CLIENT

SKEAD HOLDINGS LTD.

28 Ford St.
Sault Ste. Marie, Ontario
P6A 4N4

1.3 SUMMARY

Canadian Exploration Services Limited (CXs) performed a grass roots prospecting program for Skead Holdings Ltd over the Darkwater Property in the fall of 2020. The prospecting survey was designed to locate and target historic abandoned mine features, historic showings and any outcrops encountered during the traverse. To accomplish this, traverses were performed to target these previously mentioned points of interest. Also, random traverses were performed over the prospecting areas to try and cover as much ground as possible. Any outcrop encountered had a representative rock sample taken. A total of 47 samples were collected and sent to the client.

All coordinates presented in this report are in UTM NAD83 Zone 15N.

1.4 LOCATION

The Darkwater Property is located in the Valora Lake Area approximately 63km north-east of Ignace, Ontario. The survey area covers multiple cell claims located within the Patricia Mining Division of Ontario. The prospecting area covers cell claims 537085, 537255, 537256, 537369, 537370, 537371, 537372, 537373, 537374, 537375 and 536921.

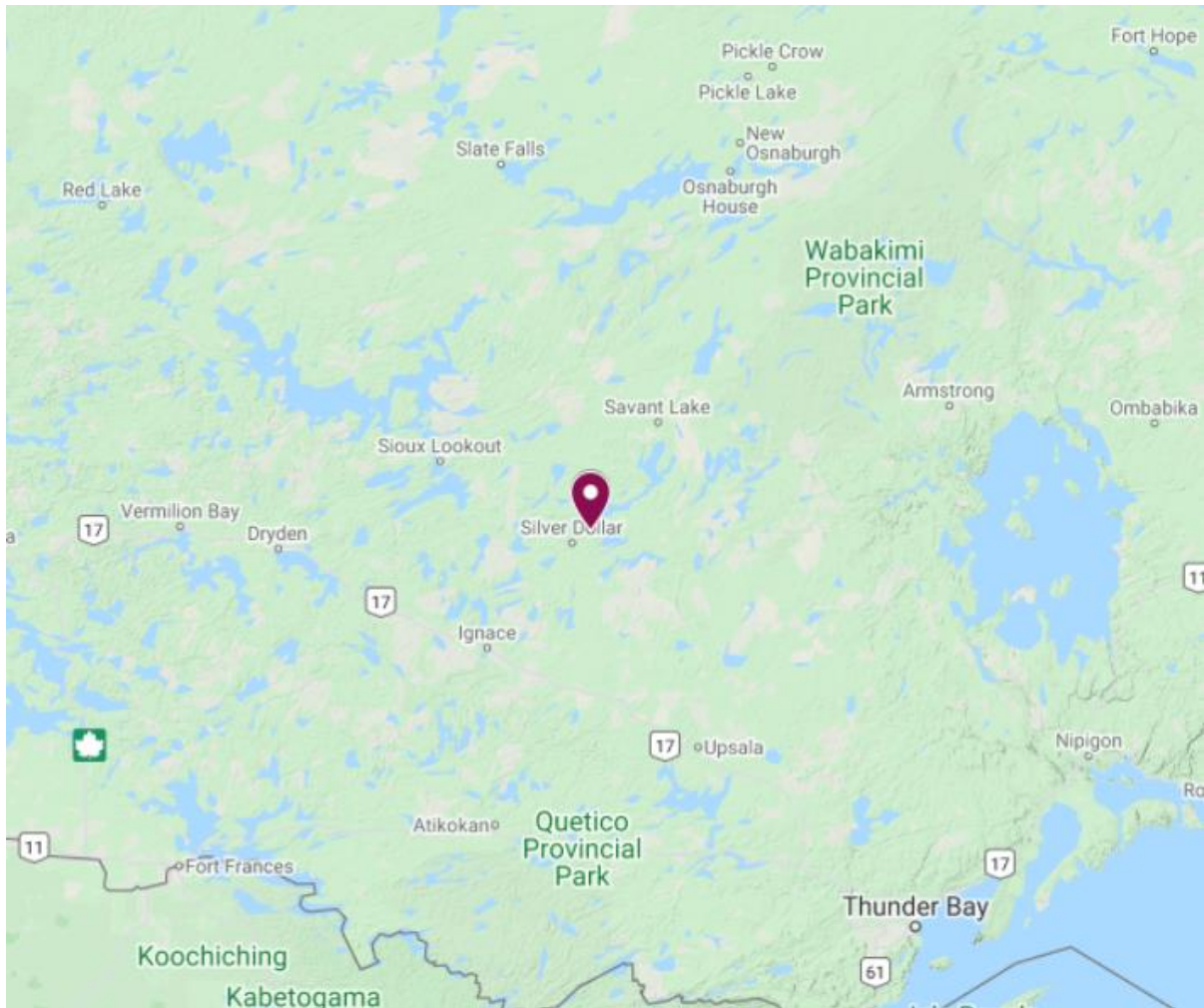


Figure 1: Location of the Darkwater Property

1.5 ACCESS

Access to the property was attained with a 4x4 truck by traveling west from Silver Dollar on Lyon Lake Road for approximately 8 kilometers. The traverse area straddles the road and a series of ATV trails were used to access the property.

1.6 OWNERSHIP

Claim Number	Provincial ID	Holder	Township
537085	52G14H327	Skead Holdings Ltd.	Valora Lake Area
537255	52G14H345	Skead Holdings Ltd.	Valora Lake Area
537256	52G14H365	Skead Holdings Ltd.	Valora Lake Area
537369	52G14H385	Skead Holdings Ltd.	Valora Lake Area
537370	52G14H386	Skead Holdings Ltd.	Valora Lake Area
537371	52G14H387	Skead Holdings Ltd.	Valora Lake Area
537372	52G14A004	Skead Holdings Ltd.	Valora Lake Area
537373	52G14A005	Skead Holdings Ltd.	Valora Lake Area
537374	52G14A006	Skead Holdings Ltd.	Valora Lake Area
537375	52G14A007	Skead Holdings Ltd.	Valora Lake Area
536921	52G14H347	CJP Exploration Inc.	Valora Lake Area

Table 1: List of Cell Claims

1.7 GENERAL GEOLOGY

The area is underlain by Keewatin-type metavolcanics and Temiskaming type metasediments. The was then intruded by the Beidleman Bay Pluton, a subvolcanic intrusion consisting of a massive, coarse grained trondhjemite, locally porphyritic, and containing some quartz-tourmaline-ankerite veining.

1.8 PROPERTY HISTORY

A lot of historical exploration has been carried out over the years all over the survey area. The following list describes details of the previous geoscience work which was collected by the Mines and Minerals division and provided by OGSEarth (MNMD & OGSEarth, 2020).

• **1970: Asarco Exploration Company of Canada Ltd (File 52G14SE0113):
Geophysics – Valora Lake Area**

In 1970 Asarco performed a Magnetometer and VLF survey.

• **1970: Chimo Gold Mines Ltd. (File 52G14SE0073):
Geophysics – Valora Lake Area**

In 1970 Chimo performed a Magnetometer and VLF survey.

• **1970: New Territorial Uranium Mines Ltd. (File 52G15SW0038):
Geophysics – Valora Lake Area**

In 1970 New Territorial performed a Magnetometer and VLF survey.

• **1970-1972: Ideal Bay Exploration Ltd and A Camisso (File 52G14SE0093, 52G14SE1122, 52G14SE9175, 52G14SE0050):**

Airborne Geophysics, Ground Geophysics, Geochemical, Trenching – Valora Lake Area

Ideal Bay and Camisso reported performing various surveys. They contract an airborne radiometric survey. They also cut a grid and performed a ground VLF and radiometric surveys along with mapping the geology. They also reported stripping and trenching being performed.

• **1972: Consolidated Morrison Explorations Limited (File 52G14SE0072):**
Geophysics – Valora Lake Area

Consolidated Morrison Explorations Limited performed an IP survey that covered a portion of the northwest claim block area.

• **1972: International Mariner Resources Ltd and New Territorial Uranium Mines Ltd. (File 52G14SE1123):**

Geophysics – Valora Lake Area

In 1972 International Mariner and New Territorial conducted a Magnetometer and VLF surveys.

• **1972: Silver Lining Mines Ltd. (File 52G14SE0027):**

Diamond Drilling – Valora Lake Area

Silver Lining drilled 1 hole totalling 403 feet.

• **1974: Long Lac Mineral Exploration Ltd (File 52G14SE0062):**

Ground Geophysics – Valora Lake Area

Long Lac reported that a magnetometer survey was performed in 1974.

• **1981: Seagull Resources Ltd. (File 52G14NE0012):**

Airborne Geophysics – Valora Lake Area

In 1981 Seagull Resources Ltd flew an airborne magnetometer and EM survey.

• **1984: Cline Development Corp. (File 52G14SE9165):**

Airborne Geophysics – Valora Lake Area

In 1984 Cline Development flew an airborne magnetometer and VLF survey.

• **1984: Norminex Ltd. and Winterbourne Exploration Ltd. (File 52G14SE9166):**

Ground Geophysics, Geochemical and Geological – Valora Lake Area

Norminex and Winterbourne cut a grid on which they mapped the geology, performed a soil geochemical survey and VLF EM survey.

• **1987-1988: Minnova Inc. (File 52G14SE0003 and 52G14SE0006):**

Ground Geophysics and Diamond Drilling – Valora Lake Area

In 1987 and 1988 Minnova performed a Magnetometer and VLF survey along with drilling 2 diamond drill holes.

• **2003: Unitronix Corp. (File 52G15NW2004):**

Airborne Geophysics and Prospecting – Valora Lake Area

Unitronix Corp conducted an airborne magnetometer and VLF survey along with some prospecting.

• **2010: Xstrata Zinc Canada (File 20000006888):**

Airborne Geophysics– Valora Lake Area

Xstrata flew an airborne magnetometer and EM survey.

• **2013: King’s Bay Gold Corp (File 20000007948):**

Airborne Geophysics– Valora Lake Area

Kings Bay flew an airborne magnetometer and EM survey.

2. PROSPECTING

2.1 OVERVIEW

In October of 2020 prospecting was completed over the Darkwater Property, in order to investigate historic features such as shafts, pits, trenches, and stripped areas along with any outcrops and mineralization encountered.

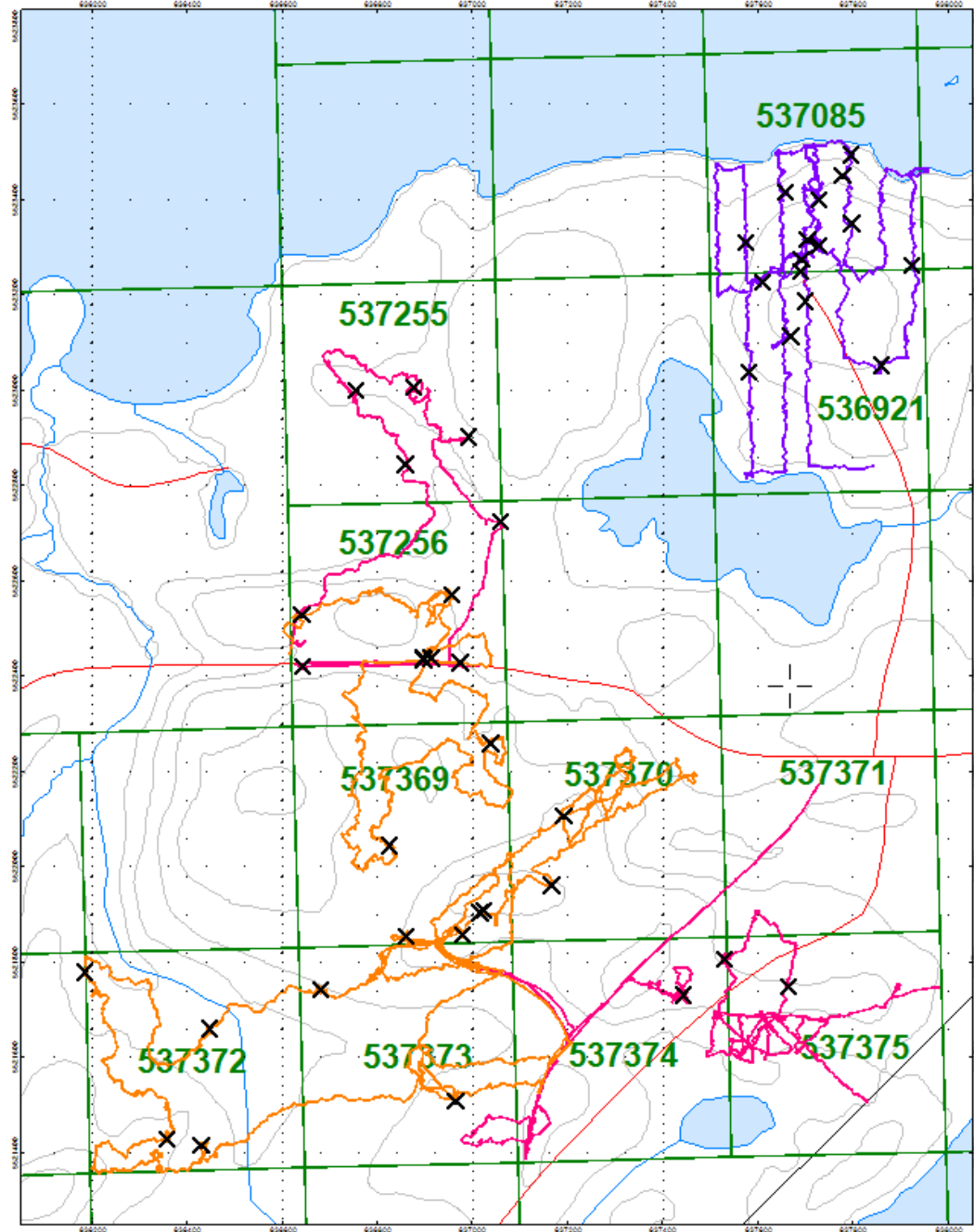


Figure 2: Areas Prospected

2.2 PLANS & PERMITS

The prospecting work reported on here was surficial and did not require any plans or permits.

2.3 DAILY LOG

Date	Description
October 13, 2020	Crew mobilizes
October 14, 2020	Crew and a half begin to prospect the Darkwater Property
October 15, 2020	Crew and a half continues to prospect the Darkwater Property
October 16, 2020	2 man crew completes the prospecting over the Darkwater Property and demobilize back to Thunder Bay.

Table 2: Daily Prospecting Log

2.4 PERSONNEL

Bruce Lavalley and Claudia Moraga, both of Dobie, Ontario, represented the prospecting crew and they were joined by Jason Ploeger, of Larder Lake, for two days of prospecting.

2.5 TRAVERSE SPECIFICATIONS

The property boundary along with specific target areas were identified and uploaded to a GPS. This boundary acted as a constraint for the prospecting traverse.

At each sample site a long bright orange ribbon was hung with only the sample number listed in black marker. Below the ribbon the sample was taken. Using a rock hammer, rock was broken up and sampled. The sample was placed in a plastic sampling bag with a sample tag and taped closed. The sample number was recorded on the sampling bag as well. The sample is then put into a packsack for transportation.

While sampling a picture is taken of the satellite information on the GPS at that sample's specific location.

At the end of the day the samples are put into white "rice" bags. These bags are sealed and kept by the crew each day. The GPS's were also downloaded which identified sample locations and traverse routes.

3. RESULTS

ALL SAMPLES WERE TAKEN FOR REFERENCE PURPOSES ONLY! ALL SAMPLES WERE PRESENTED TO SKEAD HOLDINGS LTD.

3.1 SUMMARY OF SAMPLES COLLECTED

Rock Samples Collected	
Date	Sample Number
October 14, 2020	905718
	905777-905778
	903708-903719
October 15, 2020	905719-905724
	905779-905784
	903719-903722
October 16, 2020	905725-905735
	905785-905790

Table 3: Summary of Samples Collected

Significant sites observed throughout the traverse were noted by the prospecting crew and their locations were recorded. The only historical feature encountered on the traverses were two stripping areas.

3.2 DAY 1 – 14 OCTOBER 2020

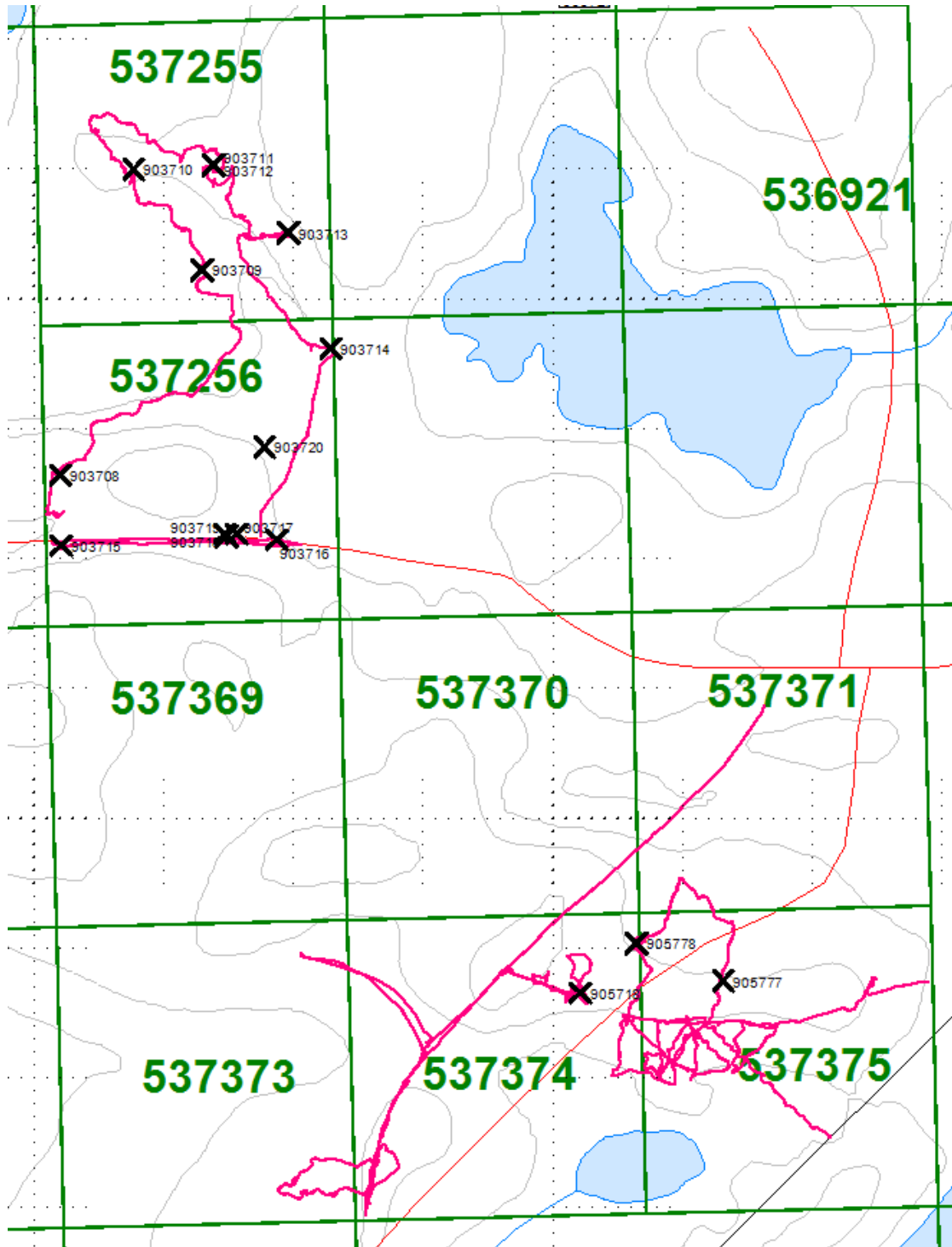


Figure 3: Traverse conducted on October 14, 2020

Feature Located	Easting	Northing
Claim Posts	637449	5521876
Claim Post	637066	5521424
3 Sided Blaze	636923	5522926

Table 4: List of Features Located on October 14

Sample 905718

Rock Description:

- Diorite
- Quartz rich
- Contains hematite staining

Location:
637441E
5521732N



Figure 4: Cross Section of Sample 905718

Sample 905777

Rock Description:

- Granodiorite

Location:
637662E
5521750N



Figure 5: Cross Section of Sample 905777

Sample 905778

Rock Description:

- Granodiorite

Location:

637528E

5521808N



Figure 6: Cross Section of Sample 905778

Sample 903708

Rock Description:

- Granodiorite
- Quartz vein

Location:

636640E

5522530N



Figure 7: Cross Section of Sample 903708

Sample 903709

Rock Description:

- Granodiorite

Location:
636858E
5522846N



Figure 8: Cross Section of Sample 903709

Sample 903710

Rock Description:

- Granodiorite

Location:
636753E
5523001N



Figure 9: Cross Section of Sample 903710

Sample 903711

Rock Description:

- Granodiorite
- Tourmaline vein

Location:
636876E
5523007N



Figure 10: Cross Section of Sample 903711

Sample 903712

Rock Description:

- Granodiorite

Location:
636876E
5523007N



Figure 11: Cross Section of Sample 903712

Sample 903713

Rock Description:

- Volcanic
- Quartz vein with tourmaline margins
- Sulphides in tourmaline

Location:

636357E

5521430N



Figure 12: Cross Section of Sample 903713

Sample 903714

Rock Description:

- Granodiorite
- Quartz and tourmaline veins

Location:

637057E

5522725N



Figure 13: Cross Section of Sample 903714

Sample 903715

Rock Description:

- Granodiorite
- Quartz vein

Location:

636641E

5522421N

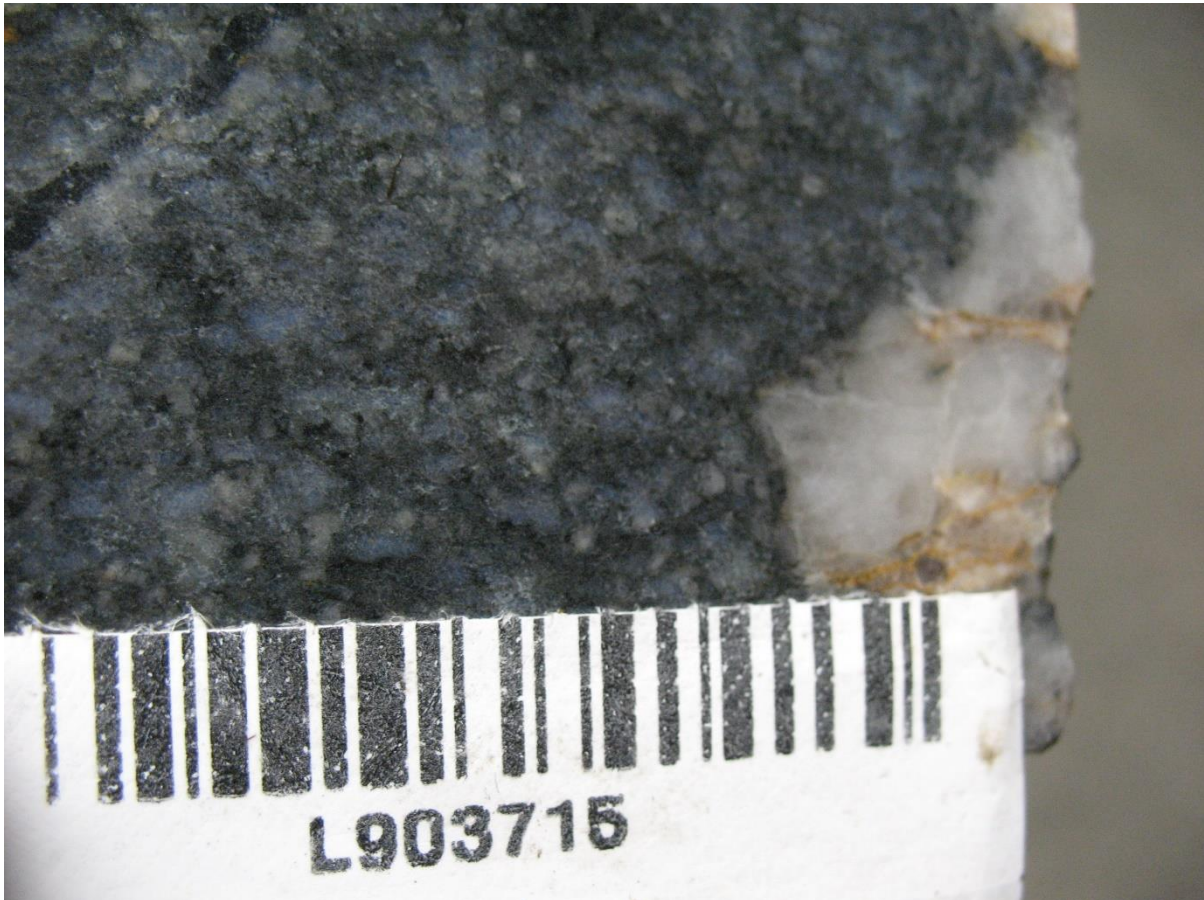


Figure 14: Cross Section of Sample 903715

Sample 903716

Rock Description:

- Quartz tourmaline vein
- Sulphides

Location:
636973E
5522430N



Figure 15: Cross Section of Sample 903716

Sample 903717

Rock Description:

- Granodiorite
- Pyrite

Location:

636912E

5522439N

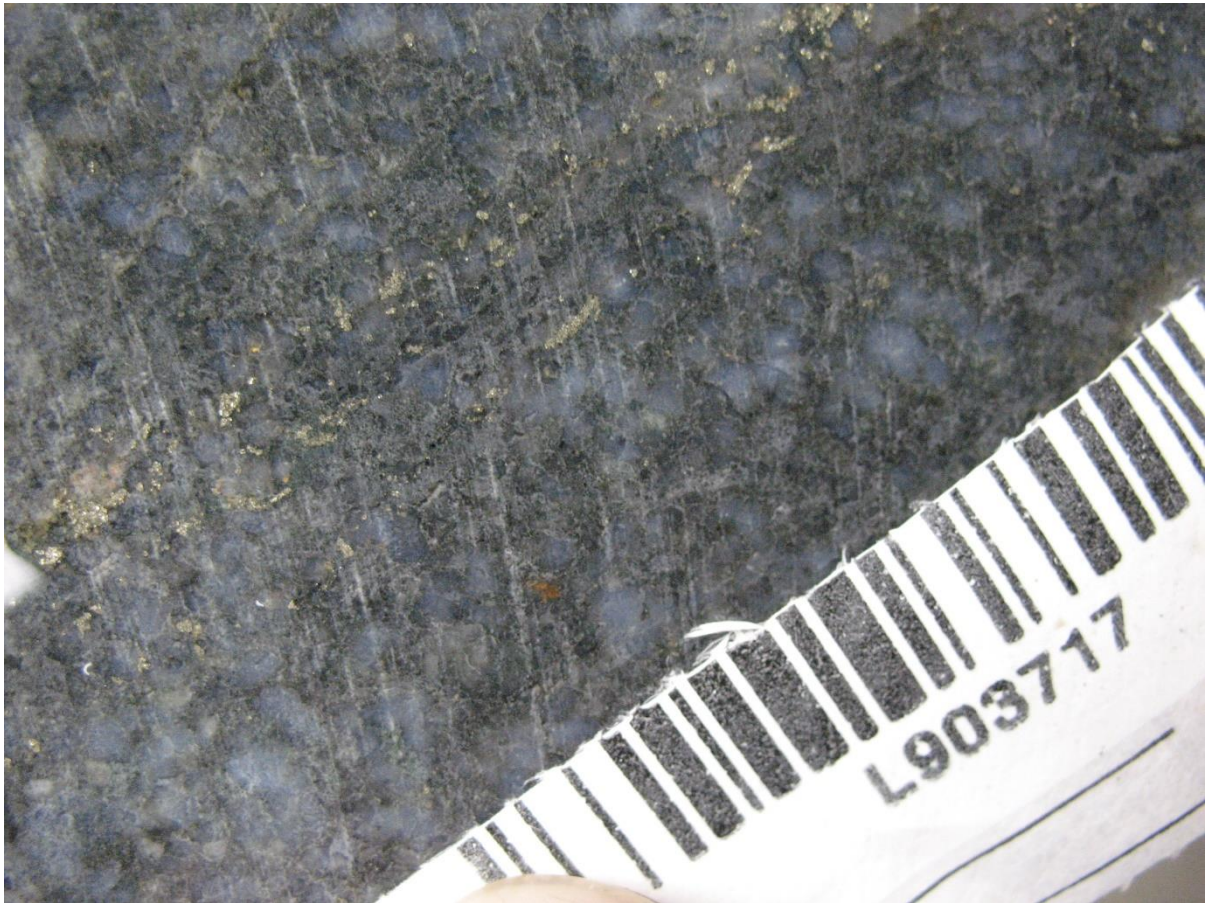


Figure 16: Cross Section of Sample 903717

Sample 903718

Rock Description:

- Iron formation

Location:
636896E
5522436N



Figure 17: Cross Section of Sample 903718

Sample 903719

Rock Description:

- Granodiorite
- Heavy sulphides

Location:

636894E
5522439N



Figure 18: Cross Section of Sample 903719

3.3 DAY 2 – 15 OCTOBER 2020

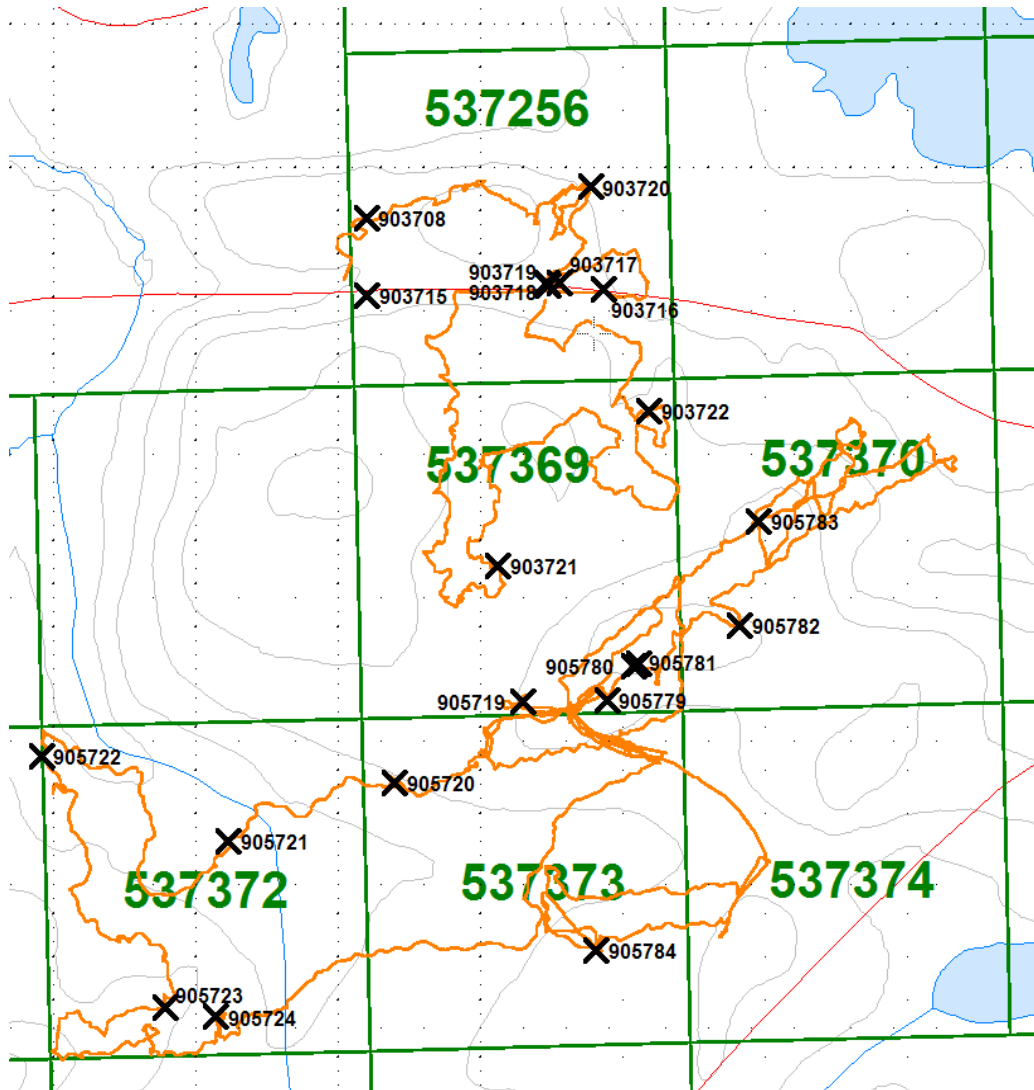


Figure 19: Traverse conducted on October 15, 2020

Feature Located	Easting	Northing
Claim Posts	636425	5521626
Claim Post	636431	5521392
Small Pit	637317	5522247
Trench	637081	5521954

Overburden Trench	637335	5522227
Claim Posts	636784	5522579
Trench	637014	5522268

Table 5: List of Features Located on October 15

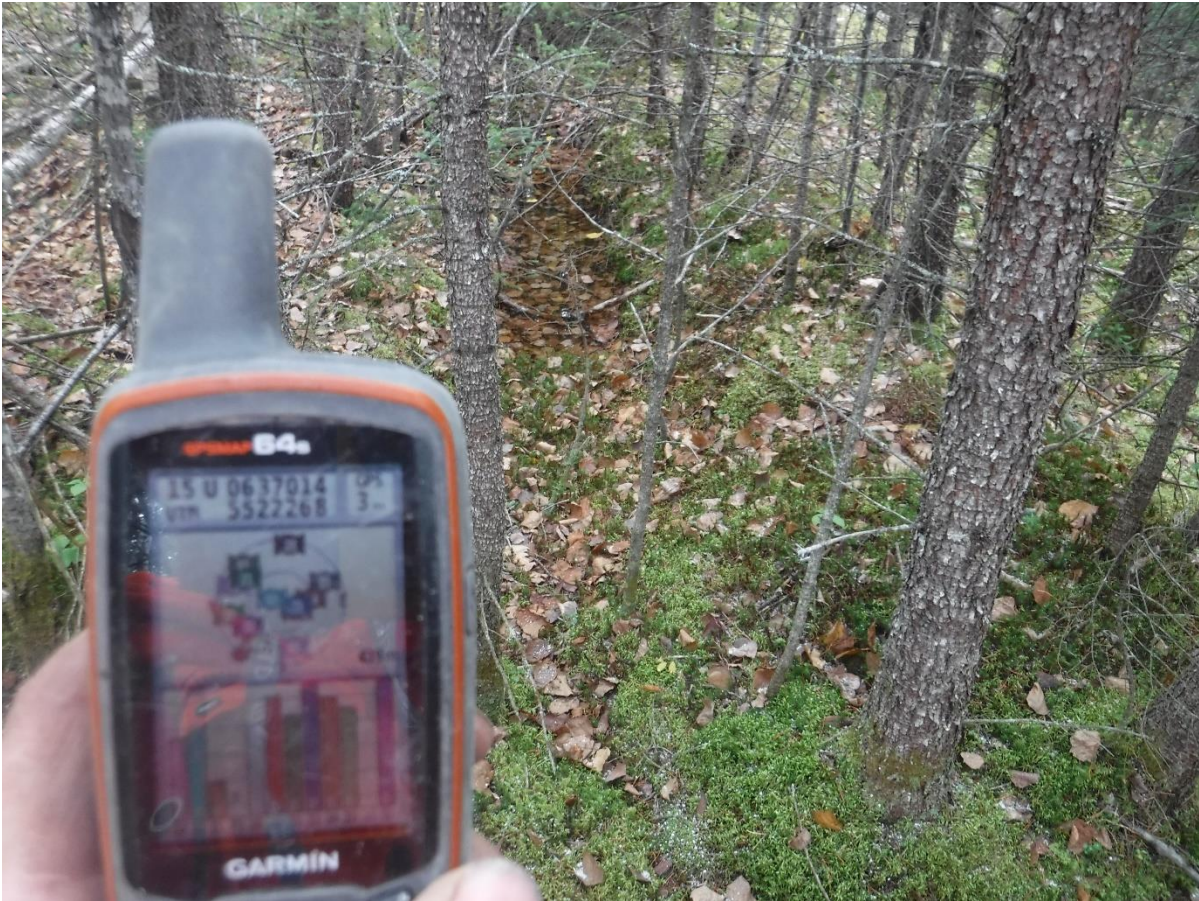


Figure 20: Picture of Trench Located

Sample 905719

Rock Description:

- Volcanic

Location:
636860E
5521855N



Figure 21: Cross Section of Sample 905719

Sample 905720

Rock Description:

- Volcanic

Location:

636680E

5521743N



Figure 22: Cross Section of Sample 905720

Sample 905721

Rock Description:

- Medium grain metavolcanic rock
- Contains fine sulphide mineralization

Location:

636446E

5521661N



Figure 23: Cross Section of Sample 905721

Sample 905722

Rock Description:

- Granodiorite
- Fine Minor Sulphide Mineralization

Location:

636184E

5521780N



Figure 24: Cross Section of Sample 905722

Sample 905723

Rock Description:

- Volcanic
- Quartz vein with tourmaline margins
- Sulphides in tourmaline

Location:

636357E
5521430N



Figure 25: Cross Section of Sample 905706

Sample 905724

Rock Description:

- Volcanic
- Fine grained sulphides

Location:

636429E

5521416N



Figure 26: Cross Section of Sample 905724

Sample 905779

Rock Description:

- Granodiorite

Location:
636978E
5521858N

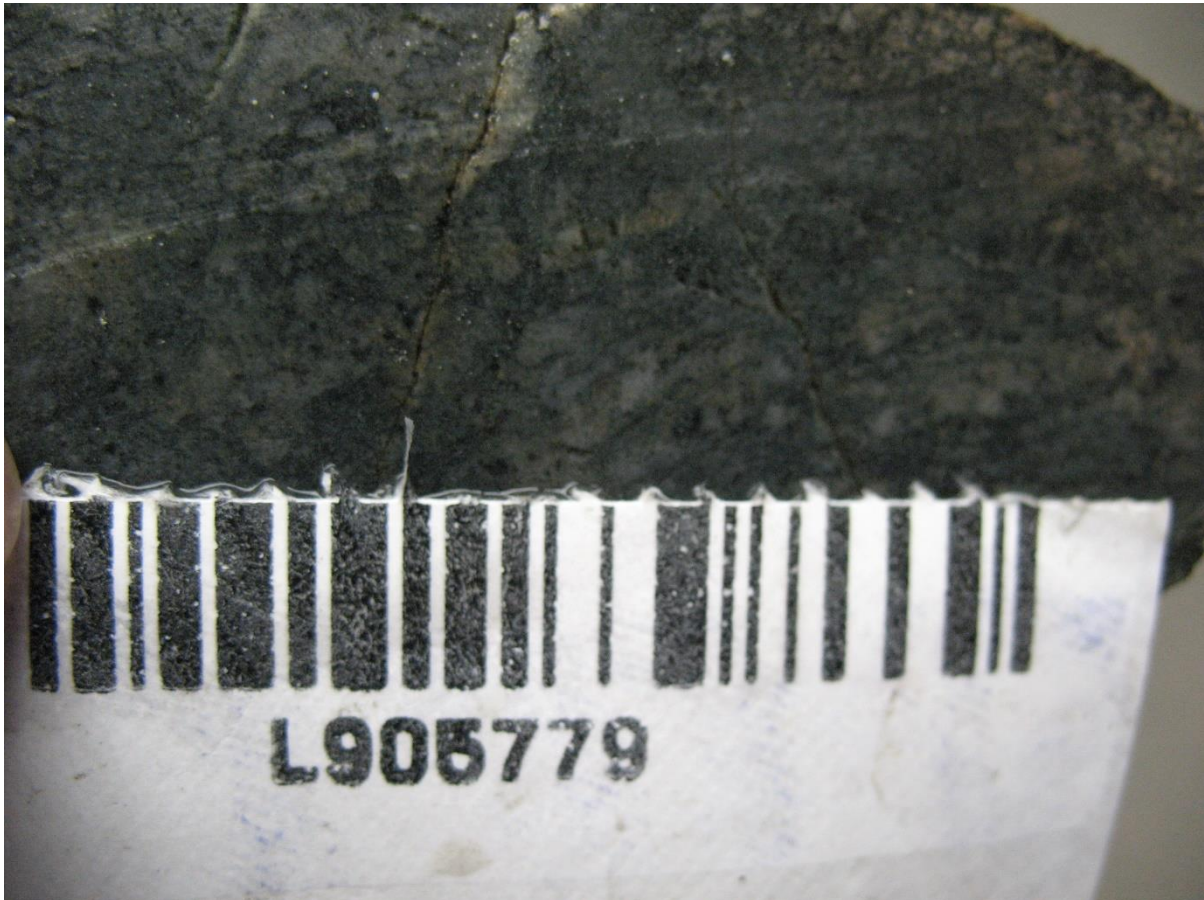


Figure 27: Cross Section of Sample 905779

Sample 905780

Rock Description:

- Granodiorite

Location:

637015E

5521905N



Figure 28: Cross Section of Sample 905780

Sample 905781

Rock Description:

- Granodiorite
- Contains quartz tourmaline vein

Location:
637023E
5521909N



Figure 29: Cross Section of Sample 905781

Sample 905782

Rock Description:

- Granodiorite

Location:

637165E

5521962N

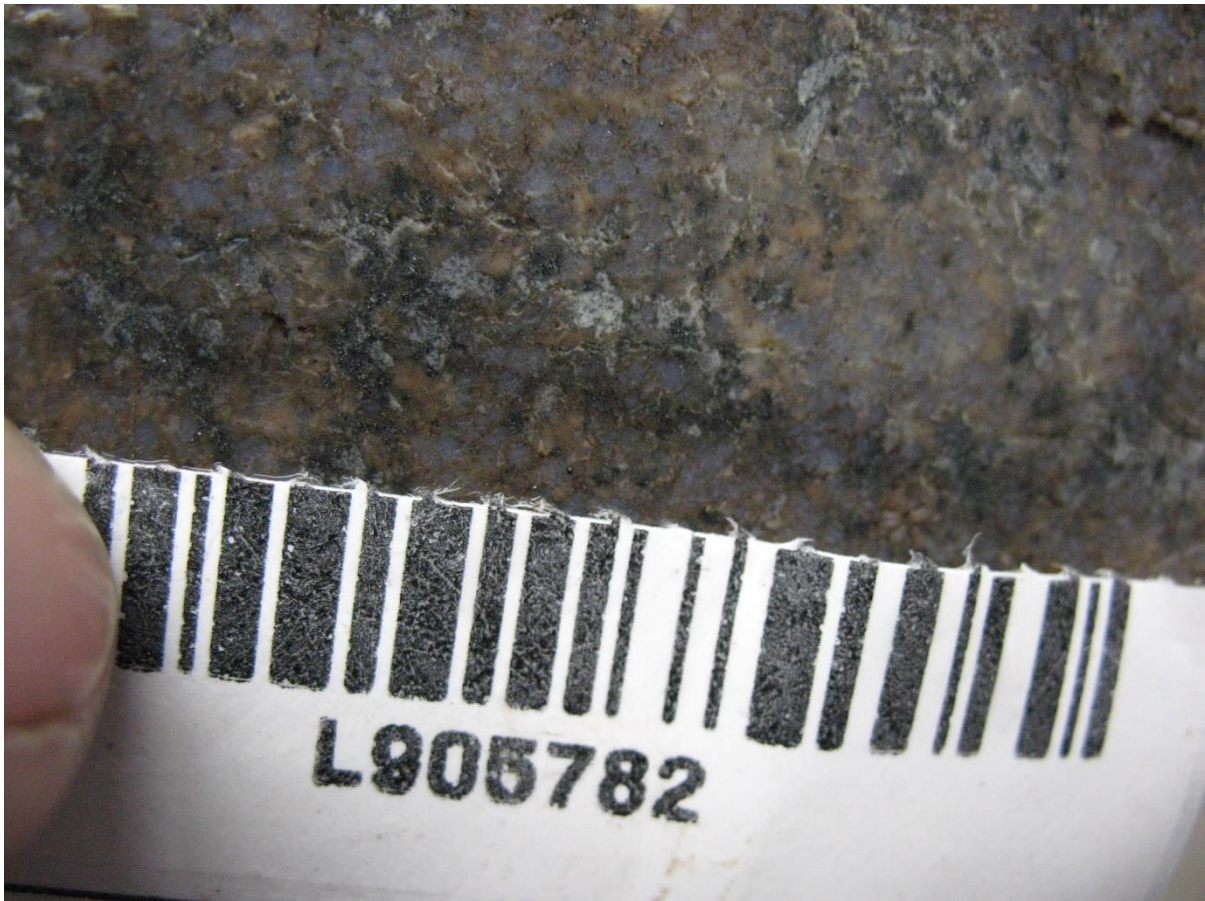


Figure 30: Cross Section of Sample 905782

Sample 905783

Rock Description:

- Quartz rich granodiorite

Location:

637191E

5522107N



Figure 31: Cross Section of Sample 905783

Sample 905784

Rock Description:

- Volcanic

Location:

636963E

5521509N



Figure 32: Cross Section of Sample 905784

Sample 903720

Rock Description:

- Granodiorite
- Quartz vein

Location:

636955E

5522573N



Figure 33: Cross Section of Sample 903720

Sample 903721

Rock Description:

- Granodiorite
- Plastic deformation

Location:

636825E

5522045N



Figure 34: Cross Section of Sample 903721

Sample 903722

Rock Description:

- Granodiorite
- Quartz vein

Location:

637037E

5522260N



Figure 35: Cross Section of Sample 903722

3.3 DAY 3 – 16 OCTOBER 2020

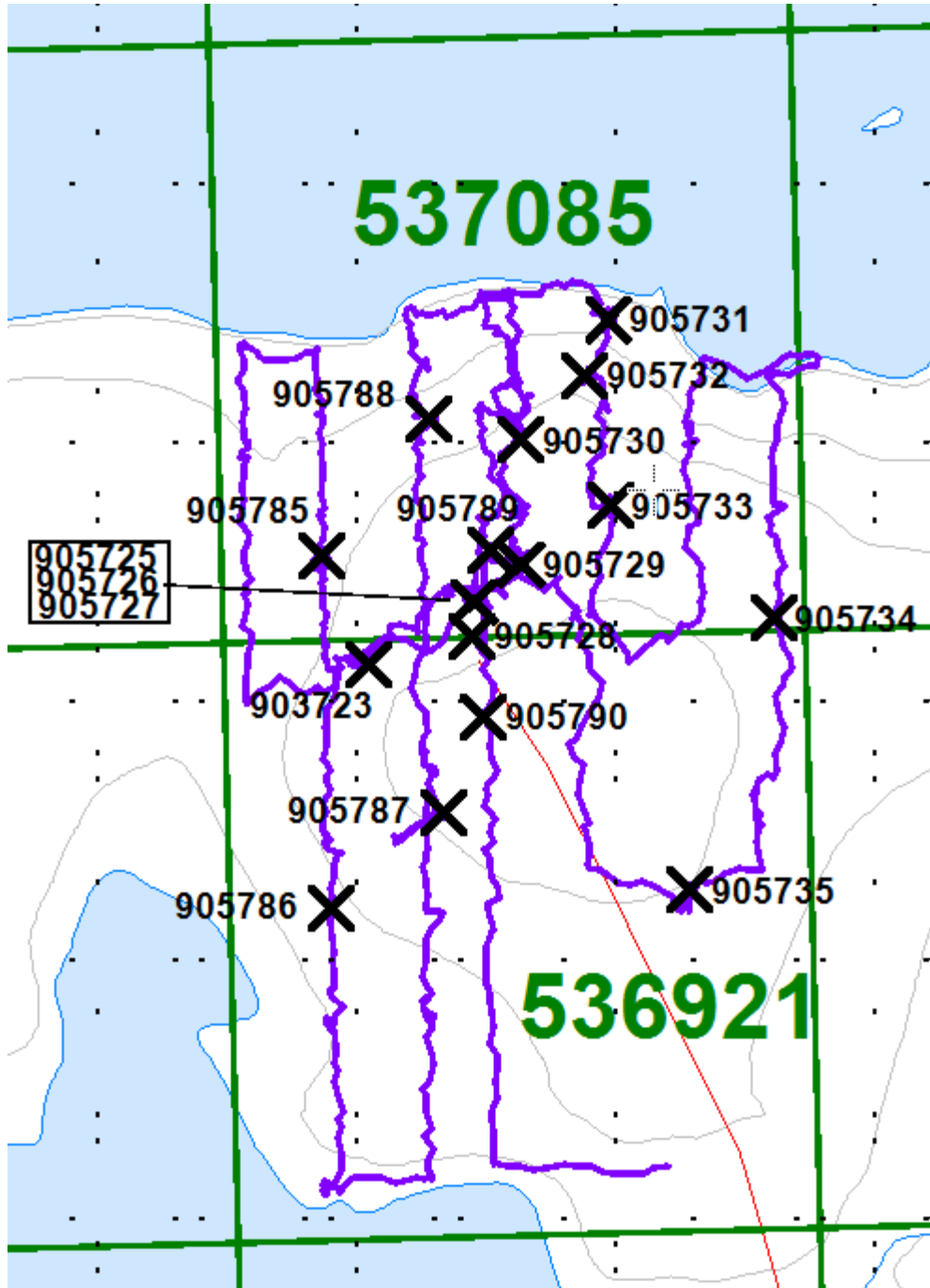


Figure 36: Traverse conducted on 16 October, 2020

Feature Located	Easting	Northing
Shaft	637615	5523197
Shaft	637623	5523239
Diamond Drill Hole	637769	5523270
Diamond Drill Hole	637579	5523092
Diamond Drill Hole	637657	5523147
Trench	637576	5523310
Trench	637666	5523279
Trench	637795	5523350
Trench	637865	5523064
Trench	637689	5523250

Table 6: List of Features Located on October 16



Figure 37: Picture of Shaft Located



Figure 38: Picture of Trench Located



Figure 39: Picture of Trench Located



Figure 40: Picture of Trench Located



Figure 41: Picture of Trench Located



Figure 42: Picture of Drill Hole Located



Figure 43: Picture of Drill Hole Located



Figure 44: Picture of Drill Hole Located

Sample 905725

Rock Description:

- Granodiorite
- Quartz tourmaline vein
- Contact with sample 905726

Location:

637690E

5523277N



Figure 45: Cross Section of Sample 905725

Sample 905726

Rock Description:

- Quartz tourmaline vein
- Fine grain sulphides in tourmaline

Location:
637690E
5523277N



Figure 46: Cross Section of Sample 905726



Figure 47: Samples 905725 and 905726

Sample 905727

Rock Description:

- Tourmaline vein in granodiorite

Location:
637690E
5523277N



Figure 48: Cross Section of Sample 905727

Sample 905728

Rock Description:

- Quartz tourmaline vein
- Fine grain sulphides in tourmaline

Location:

637689E

5523250N



Figure 49: Cross Section of Sample 905728

Sample 905729

Rock Description:

- Granodiorite
- Quartz tourmaline vein

Location:
637727E
5523306N



Figure 50: Cross Section of Sample 905729

Sample 905730

Rock Description:

- Granodiorite

Location:

637727E

5523402N

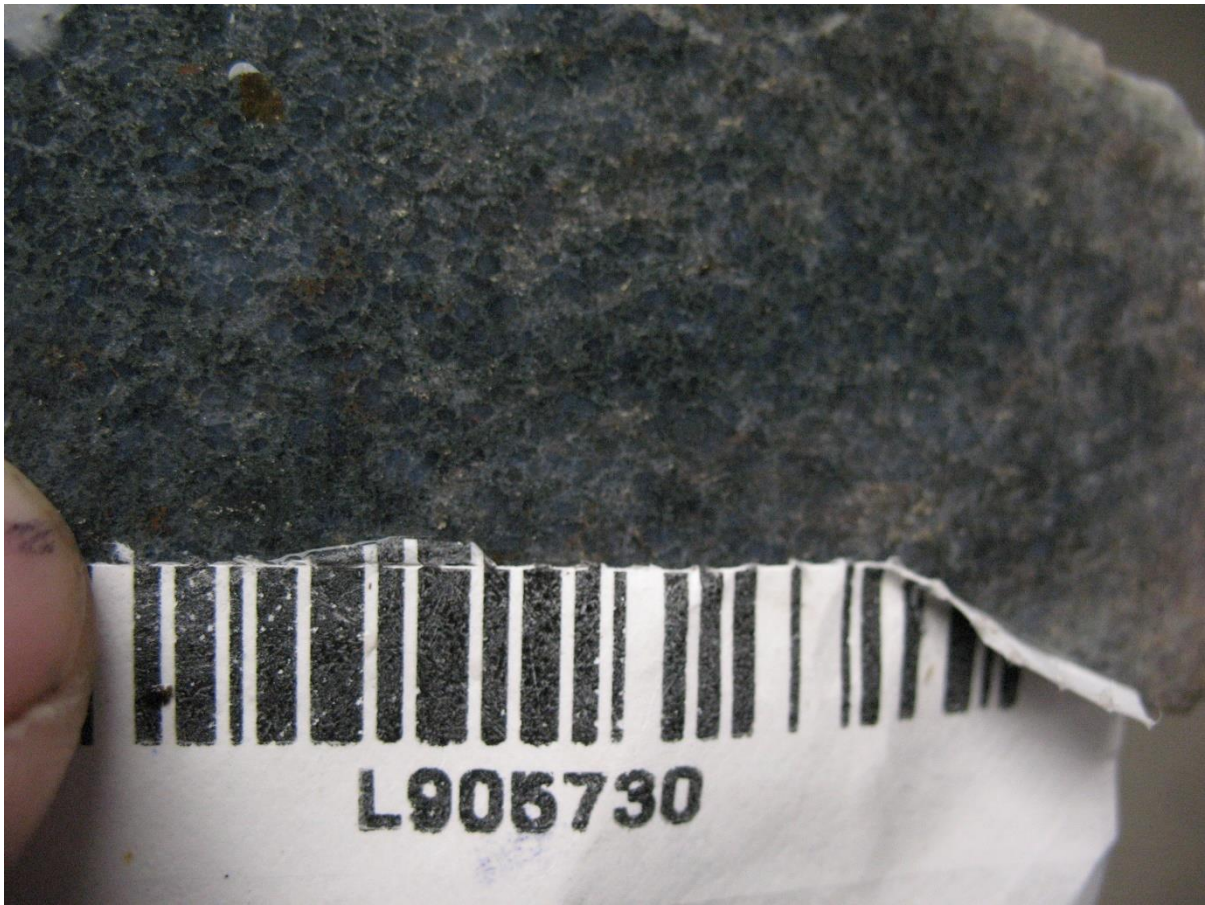


Figure 51: Cross Section of Sample 905730

Sample 905731

Rock Description:

- Volcanic
- Siliceous alteration
- Quartz tourmaline vein

Location:

637794E

5523495N



Figure 52: Cross Section of Sample 905731

Sample 905732

Rock Description:

- Granodiorite
- Quartz vein

Location:

637776E

5523452N



Figure 53: Cross Section of Sample 905732

Sample 905733

Rock Description:

- Quartz chlorite vein
- Native silver/bismuth alloy

Location:

637796E

5523351N



Figure 54: Cross Section of Sample 905733

Sample 905734

Rock Description:

- Granodiorite

Location:

637922E

5523264N



Figure 55: Cross Section of Sample 905734

Sample 905735

Rock Description:

- Quartz Chlorite vein 18 inches wide
- Native silver/bismuth alloy

Location:
637857E
5523054N



Figure 56: Cross Section of Sample 905735

Sample 905785

Rock Description:

- Granodiorite

Location:
637573E
5523312N



Figure 57: Cross Section of Sample 905785

Sample 905786

Rock Description:

- Granodiorite

Location:

637580E

5523040N



Figure 58: Cross Section of Sample 905786

Sample 905787

Rock Description:

- Granodiorite

Location:

637667E

5523114N



Figure 59: Cross Section of Sample 905787

Sample 905788

Rock Description:

- Granodiorite

Location:

637656E

5523418N



Figure 60: Cross Section of Sample 905788

Sample 905789

Rock Description:

- Granodiorite
- Quartz tourmaline vein

Location:

637703E

5523317N



Figure 61: Cross Section of Sample 905789

Sample 905790

Rock Description:

- Granodiorite
- With quartz vein

Location:

637698E

5523188N



Figure 62: Cross Section of Sample 905790

APPENDIX A

STATEMENT OF QUALIFICATIONS

I, C. Jason Ploeger, hereby declare that:

1. I am a professional geophysicist with residence in Larder Lake, Ontario and am presently employed as a Geophysicist and Geophysical Manager of Canadian Exploration Services Ltd. of Larder Lake, Ontario.
2. I am a Practising Member of the Association of Professional Geoscientists, with membership number 2172.
3. I graduated with a Bachelor of Science degree in geophysics from the University of Western Ontario, in London Ontario, in 1999.
4. I have practiced my profession continuously since graduation in Africa, Bulgaria, Canada, Mexico and Mongolia.
5. I am a member of the Ontario Prospectors Association, a Director of the Northern Prospectors Association and a member of the Society of Exploration Geophysicists.
6. I do have an interest in the Darkwater Property and but I do not have an interest nor do I expect an interest in securities of **Skead Holdings Ltd.**
7. I am responsible for the final processing and validation of the survey results and the compilation of the presentation of this report. The statements made in this report represent my professional opinion based on my consideration of the information available to me at the time of writing this report.



C. Jason Ploeger, P.Geo., B.Sc.
Geophysical Manager
Canadian Exploration Services Ltd.

Larder Lake, ON
November 6, 2020

APPENDIX B

GARMIN GPS MAP 62S



Physical & Performance:	
Unit dimensions, WxHxD:	2.4" x 6.3" x 1.4" (6.1 x 16.0 x 3.6 cm)
Display size, WxH:	1.43" x 2.15" (3.6 x 5.5 cm); 2.6" diag (6.6 cm)
Display resolution, WxH:	160 x 240 pixels
Display type:	transflective, 65-K color TFT
Weight:	9.2 oz (260.1 g) with batteries
Battery:	2 AA batteries (not included); NiMH or Lithium recommended
Battery life:	20 hours
Waterproof:	yes (IPX7)
Floats:	no
High-sensitivity receiver:	yes
Interface:	high-speed USB and NMEA 0183 compatible
Maps & Memory:	
Basemap:	yes
Preloaded maps:	no
Ability to add maps:	yes
Built-in memory:	1.7 GB
Accepts data cards:	microSD™ card (not included)

Waypoints/favorites/locations:	2000
Routes:	200
Track log:	10,000 points, 200 saved tracks
Features & Benefits:	
Automatic routing (turn by turn routing on roads):	yes (with optional mapping for detailed roads)
Electronic compass:	yes (tilt-compensated, 3-axis)
Touchscreen:	no
Barometric altimeter:	yes
Camera:	no
<u>Geocaching-friendly:</u>	yes (paperless)
<u>Custom maps compatible:</u>	yes
Photo navigation (navigate to geotagged photos):	yes
Outdoor GPS games:	no
Hunt/fish calendar:	yes
Sun and moon information:	yes
Tide tables:	yes
Area calculation:	yes
Custom POIs (ability to add additional points of interest):	yes
Unit-to-unit transfer (shares data wirelessly with similar units):	yes
Picture viewer:	yes
Garmin Connect™ compatible (online community where you analyze, categorize and share data):	yes

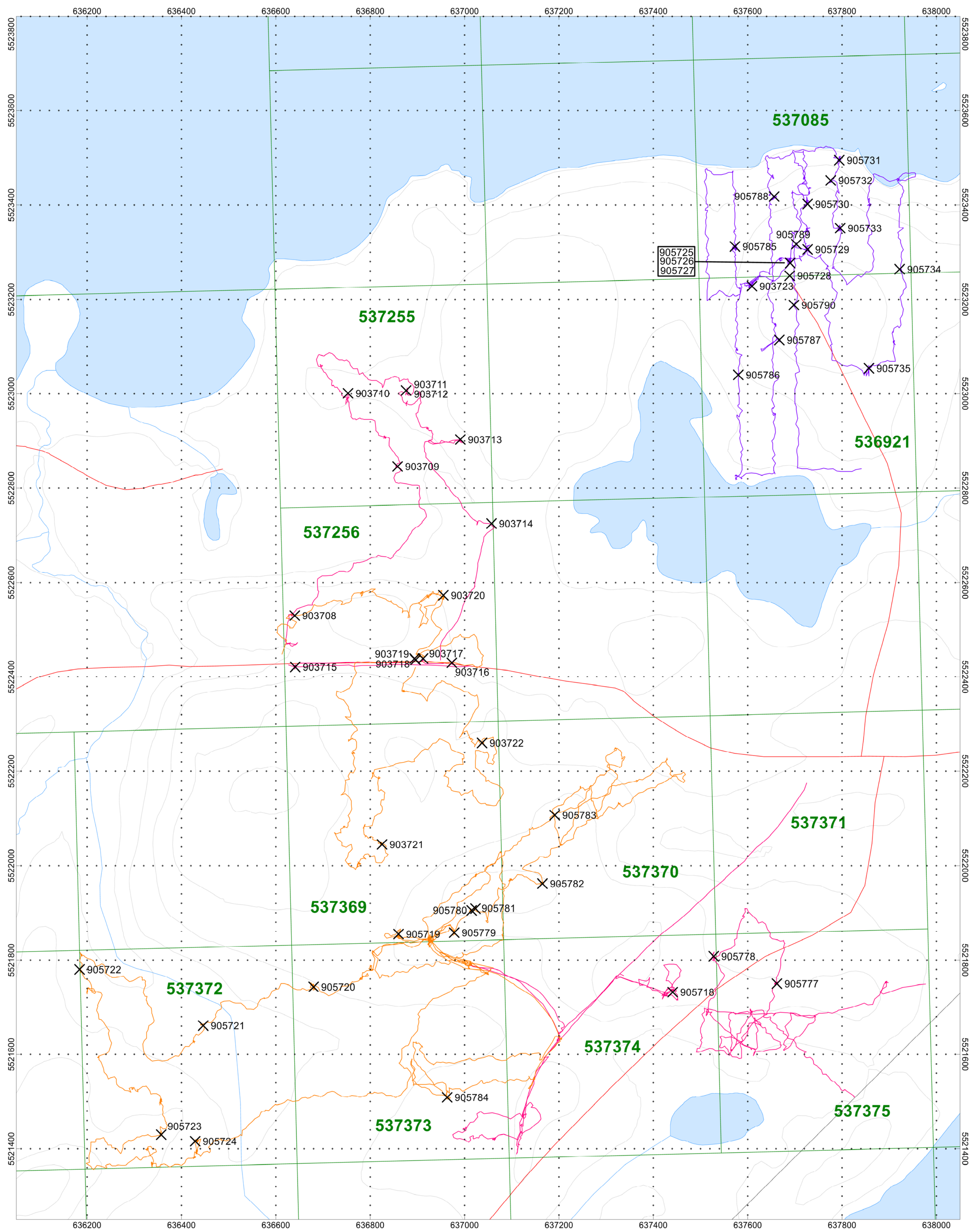
- *Specifications obtained from www.garmin.com*

APPENDIX C

LIST OF MAPS (IN MAP POCKET)

- 1) Q2805-Skead-Darkwater-Prospecting-Samples (1:5000)
- 2) Q2805-Skead- Darkwater-Prospecting-Features (1:5000)
- 3) Q2805-Skead- Darkwater-Prospecting-Observations (1:5000)

Total Maps = 3

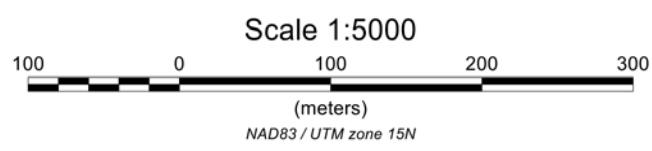


- Traverse October 14, 2020
- Traverse October 15, 2020
- Traverse October 16, 2020

SKEAD HOLDINGS LTD.

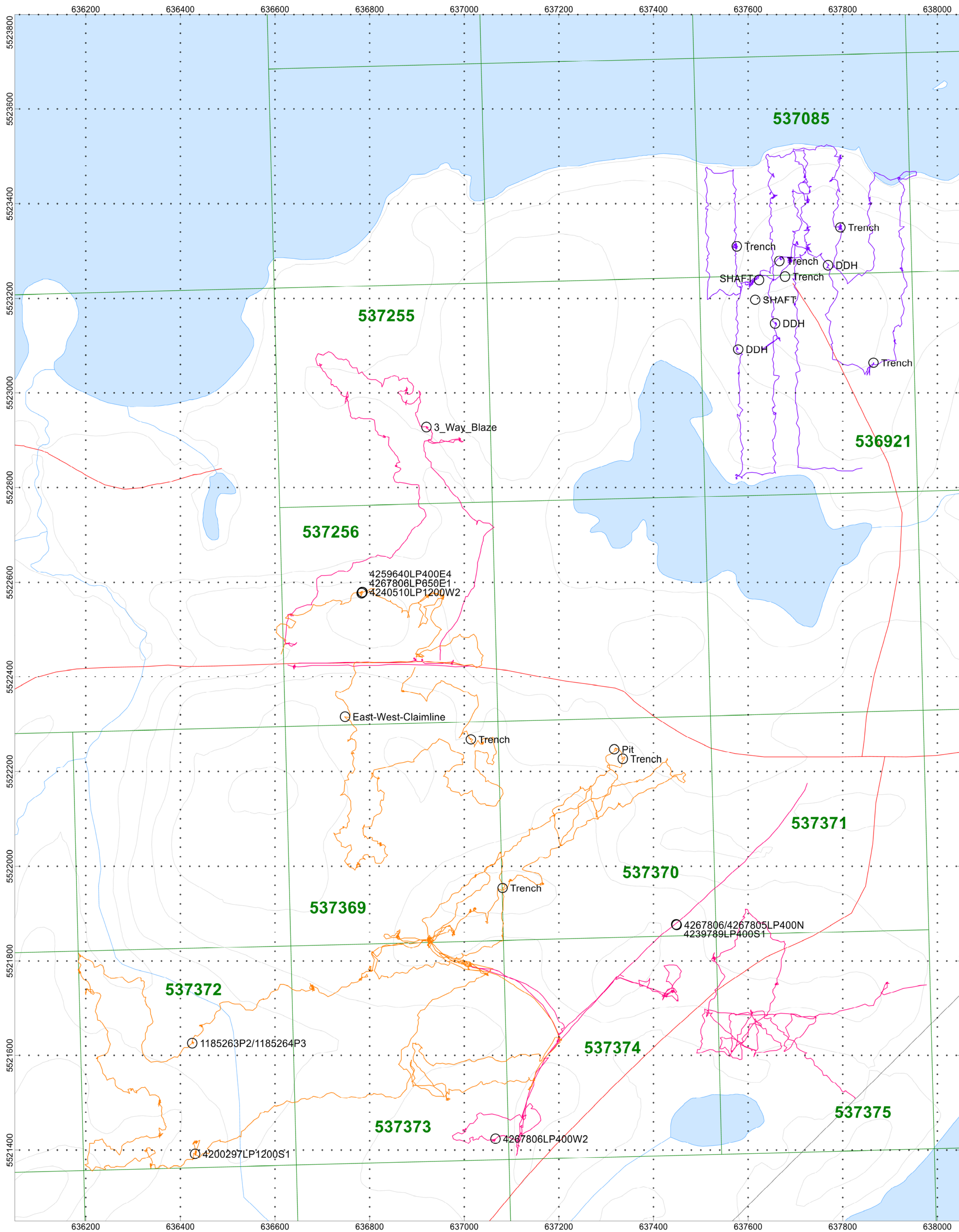
DARKWATER PROPERTY
Valora Lake Area, Ontario

Prospecting Traverse Plan Map
Sample Locations



Traverses By: Claudia Moraga,
Jason Ploeger and Bruce Lavalley
Processed by: C Jason Ploeger, P.Geo.
Map Drawn By: C Jason Ploeger, P.Geo.
November 2020



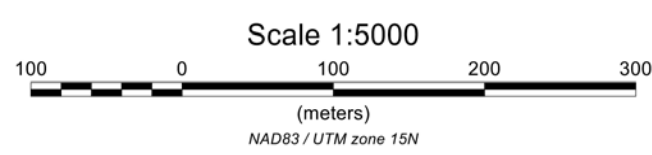


- Traverse October 14, 2020
- Traverse October 15, 2020
- Traverse October 16, 2020

SKEAD HOLDINGS LTD.

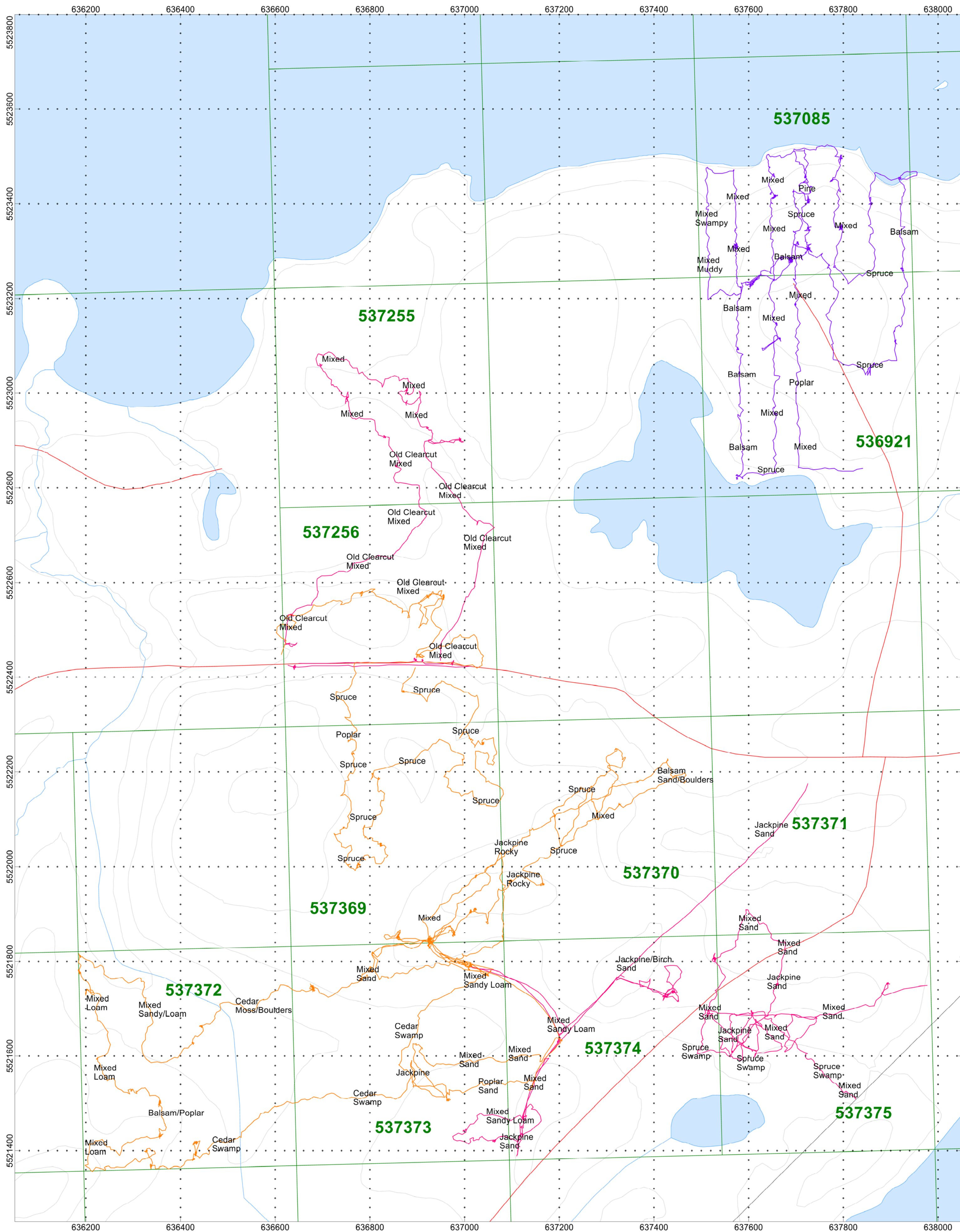
DARKWATER PROPERTY
Valora Lake Area, Ontario

Prospecting Traverse Plan Map
Features Located



Traverses By: Claudia Moraga,
Jason Ploeger and Bruce Lavalley
Processed by: C Jason Ploeger, P.Geo.
Map Drawn By: C Jason Ploeger, P.Geo.
November 2020



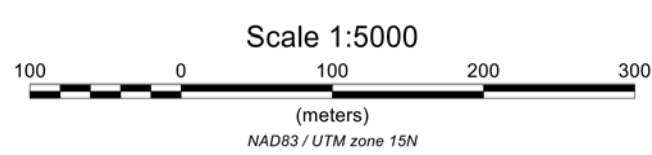


- Traverse October 14, 2020
- Traverse October 15, 2020
- Traverse October 16, 2020

SKEAD HOLDINGS LTD.

DARKWATER PROPERTY
Valora Lake Area, Ontario

Prospecting Traverse Plan Map
Field Observations



Traverses By: Claudia Moraga,
Jason Ploeger and Bruce Lavalley
Processed by: C Jason Ploeger, P.Geo.
Map Drawn By: C Jason Ploeger, P.Geo.
November 2020



Valora Lake Prospecting

Sample Numbers	IMA Analysis Numbers	Additional Analysis Numbers
903708	5462	
903709	5463	
903710	5464	
903711	5465	
903712	5466	
903713	5467	
903714	5468	
903715	5469	
903716	5470	A 476 MA 11
903717	5471	A 477
903718	5472	A 478 REE 525
903719	5473	A 479
903720	5474	A 480
903721	5475	
903722	5476	
903723	5477	A 481
903724	5478	A 482
905718	5479	A 490
905719	5480	
905720	5481	
905721	5482	
905722	5483	
905723	5484	A 491
905724	5485	A 492
905725	5486	
905726	5487	A 493

Valora Lake Prospecting

Sample Numbers	IMA Analysis Numbers	Additional Analysis Numbers
905727	5488	A 494
905728	5489	A 495
905729	5490	A 496
905730	5491	
905731	5492	
905732	5493	
905733	5494	A 497
905734	5495	
905735	5496	A 498
905777	5510	
905778	5511	
905779	5512	A 1057
905780	5513	
905781	5514	
905782	5515	A 1058
905783	5516	
905784	5517	A 1059
905785	5518	A 1060
905786	5519	A 1061
905787	5520	A 1062
905788	5521	A 1063
905789	5522	A 1147
905790	5523	A 1064
377596	5418	
377597	5419	
377598	5420	

Valora Lake Prospecting

Sample Numbers

IMA Analysis Numbers

Additional Analysis Numbers

~~377599~~

~~5421~~

~~377600~~

~~5422~~



BUREAU VERITAS MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

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

Client: **MacGregor, R.A.**
28 Ford St.
Sault Ste. Marie Ontario P6A 4N4 Canada

Submitted By: R.A. MacGregor
Receiving Lab: Canada-Vancouver
Received: January 28, 2021
Analysis Start: February 03, 2021
Report Date: February 10, 2021
Page: 1 of 2

CERTIFICATE OF ANALYSIS

VAN21000149.1

CLIENT JOB INFORMATION

Project: None Given
Shipment ID:
P.O. Number
Number of Samples: 11

SAMPLE DISPOSAL

IMM-PLP Return immediately after analysis

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
BAT01	1	Batch charge of <50 samples			VAN
SLBHP	11	Sorting, labeling and boxing samples received as pulps			VAN
MA370	11	4-Acid Digestion ICP-ES Finish	0.5	Completed	VAN

ADDITIONAL COMMENTS

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

Invoice To: MacGregor, R.A.
28 Ford St.
Sault Ste. Marie Ontario P6A 4N4
Canada

CC:



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
*** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



BUREAU VERITAS MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **MacGregor, R.A.**
28 Ford St.
Sault Ste. Marie Ontario P6A 4N4 Canada

Project: None Given
Report Date: February 10, 2021

Page: 2 of 2

Part: 1 of 2

CERTIFICATE OF ANALYSIS

VAN21000149.1

Method	MA370	MA370	MA370	MA370	MA370	MA370	MA370	MA370	MA370	MA370	MA370	MA370	MA370	MA370	MA370	MA370	MA370	MA370	MA370	MA370	MA370
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	Na	
Unit	%	%	%	%	ppm	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	
MA1	Rock Pulp	<0.001	1.006	<0.02	0.02	5	0.005	0.003	0.02	3.08	<0.02	<0.01	<0.001	<0.01	<0.01	0.54	0.02	0.019	0.69	4.75	0.33
MA2	Rock Pulp	<0.001	1.016	<0.02	<0.01	4	0.004	0.002	0.02	3.95	<0.02	<0.01	<0.001	<0.01	<0.01	0.48	0.04	0.025	1.03	5.04	0.35
MA3	Rock Pulp	<0.001	5.932	<0.02	0.02	48	0.012	0.001	0.05	4.83	<0.02	<0.01	<0.001	<0.01	<0.01	0.12	0.03	0.022	0.80	2.28	0.03
MA4	Rock Pulp	<0.001	0.594	<0.02	<0.01	3	0.002	<0.001	<0.01	3.30	<0.02	<0.01	<0.001	<0.01	<0.01	0.00	0.02	0.023	0.84	3.80	0.27
MA5	Rock Pulp	1.095	0.003	<0.02	0.01	<2	<0.001	<0.001	0.09	6.00	<0.02	0.03	<0.001	<0.01	<0.01	2.45	0.62	0.040	2.30	6.38	1.30
MA6	Rock Pulp	0.001	2.502	<0.02	0.04	10	0.003	0.002	0.02	4.70	<0.02	<0.01	<0.001	<0.01	<0.01	0.26	0.04	0.005	0.77	3.33	0.22
MA7	Rock Pulp	<0.001	2.263	0.03	0.04	10	0.002	0.002	<0.01	3.42	<0.02	<0.01	<0.001	<0.01	<0.01	0.10	<0.01	0.002	0.08	0.54	0.14
MA8	Rock Pulp	<0.001	2.078	<0.02	0.03	9	0.003	0.002	<0.01	3.41	<0.02	<0.01	<0.001	<0.01	<0.01	0.08	<0.01	0.001	0.08	0.67	0.10
MA9	Rock Pulp	<0.001	0.014	1.20	4.41	7	0.016	0.006	0.10	5.59	<0.02	0.01	0.010	<0.01	<0.01	3.36	0.04	0.021	2.56	7.11	3.55
MA10	Rock Pulp	<0.001	0.029	0.04	0.01	<2	<0.001	<0.001	0.02	1.81	<0.02	<0.01	<0.001	<0.01	<0.01	0.37	0.06	0.002	0.55	5.04	0.13
MA11	Rock Pulp	<0.001	0.047	<0.02	<0.01	<2	<0.001	<0.001	0.05	3.55	<0.02	<0.01	<0.001	<0.01	<0.01	1.36	0.02	0.015	1.07	2.42	0.26

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



BUREAU VERITAS MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: MacGregor, R.A.
28 Ford St.
Sault Ste. Marie Ontario P6A 4N4 Canada

Project: None Given
Report Date: February 10, 2021

Page: 2 of 2

Part: 2 of 2

CERTIFICATE OF ANALYSIS

VAN21000149.1

Method	Analyte	MA370	MA370	MA370
		K	W	S
Unit		%	%	%
MDL		0.01	0.01	0.05
MA1	Rock Pulp	2.87	<0.01	1.24
MA2	Rock Pulp	2.91	<0.01	0.99
MA3	Rock Pulp	0.45	<0.01	1.13
MA4	Rock Pulp	2.30	<0.01	0.60
MA5	Rock Pulp	2.45	<0.01	0.84
MA6	Rock Pulp	2.10	<0.01	2.26
MA7	Rock Pulp	0.26	<0.01	2.61
MA8	Rock Pulp	0.32	<0.01	2.70
MA9	Rock Pulp	0.19	<0.01	3.22
MA10	Rock Pulp	2.95	<0.01	0.13
MA11	Rock Pulp	0.50	0.16	0.17



BUREAU VERITAS MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

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

Client: MacGregor, R.A.
28 Ford St.
Sault Ste. Marie Ontario P6A 4N4 Canada

Project: None Given
Report Date: February 10, 2021

Page: 1 of 1

Part: 1 of 2

QUALITY CONTROL REPORT

VAN21000149.1

Method	MA370	MA370	MA370	MA370	MA370	MA370	MA370	MA370	MA370	MA370	MA370	MA370	MA370	MA370	MA370	MA370	MA370	MA370	MA370	MA370	MA370
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	Na	
Unit	%	%	%	%	ppm	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	
Pulp Duplicates																					
MA3	Rock Pulp	<0.001	5.832	<0.02	0.02	48	0.012	0.001	0.05	4.83	<0.02	<0.01	<0.001	<0.01	<0.01	0.12	0.03	0.022	0.88	2.28	0.03
REP MA3	QC	<0.001	5.833	<0.02	0.02	48	0.012	0.001	0.05	4.82	<0.02	<0.01	<0.001	<0.01	<0.01	0.12	0.03	0.022	0.91	2.28	0.03
Reference Materials																					
STD CDN-ME-14	Standard	0.002	1.187	0.49	3.03	43	0.002	0.017	0.08	17.15	<0.02	<0.01	0.009	<0.01	0.01	0.72	0.02	0.003	1.27	4.25	0.49
STD CDN-ME-9	Standard	<0.001	0.665	<0.02	0.01	3	0.920	0.017	0.12	14.19	<0.02	0.03	<0.001	<0.01	<0.01	4.25	0.07	0.033	4.07	6.77	1.86
STD CDN-ME-14 Expected			1.221	0.495	3.17	43.5	0.002	0.0172	0.0883	18.04	0.0088		0.0088		0.0094	0.747	0.0147	0.0014	1.28	4.47	0.53
STD CDN-ME-9 Expected			0.654		0.012		0.93	0.0169	0.121	13.84		0.03			4.21	0.06	0.0284	4.05	6.74	1.86	
BLK	Blank	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



BUREAU VERITAS MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (804) 253-3158

Client: **MacGregor, R.A.**
28 Ford St.
Sault Ste. Marie Ontario P6A 4N4 Canada

Project: None Given
Report Date: February 10, 2021

Page: 1 of 1

Part: 2 of 2

QUALITY CONTROL REPORT

VAN21000149.1

Method		MA370	MA370	MA370
Analyte		K	W	S
Unit		%	%	%
MDL		0.01	0.01	0.05
Pulp Duplicates				
MA3	Rock Pulp	0.45	<0.01	1.13
REP MA3	QC	0.45	<0.01	1.10
Reference Materials				
STD CDN-ME-14	Standard	1.65	<0.01	15.52
STD CDN-ME-9	Standard	0.65	<0.01	2.55
STD CDN-ME-14 Expected		1.7		16.14
STD CDN-ME-9 Expected		0.616		2.58
BLK	Blank	<0.01	<0.01	<0.05



BUREAU VERITAS MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

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

Client: **MacGregor, R.A.**
28 Ford St.
Sault Ste. Marie Ontario P6A 4N4 Canada

Submitted By: R.A. MacGregor
Receiving Lab: Canada-Vancouver
Received: February 02, 2021
Analysis Start: February 09, 2021
Report Date: February 17, 2021
Page: 1 of 4

CERTIFICATE OF ANALYSIS

VAN21000176.1

CLIENT JOB INFORMATION

Project: None Given
Shipment ID:
P.O. Number
Number of Samples: 86

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SLBHP	86	Sorting, labeling and boxing samples received as pulps			VAN
LF100	86	Refractory and REEs by fusion and ICP-MS analysis	0.2	Completed	VAN

SAMPLE DISPOSAL


IMM-PLP Return immediately after analysis

ADDITIONAL COMMENTS

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

Invoice To: MacGregor, R.A.
28 Ford St.
Sault Ste. Marie Ontario P6A 4N4
Canada

CC:


JEFFREY CANNON
Geochemistry Department Supervisor

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted. "" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



BUREAU VERITAS

MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **MacGregor, R.A.**
28 Ford St.
Sault Ste. Marie Ontario P6A 4N4 Canada

Project: None Given
Report Date: February 17, 2021

Page: 4 of 4

Part: 1 of 2

CERTIFICATE OF ANALYSIS

VAN21000176.1

Method	Analyte	Unit	MDL	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100
				Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
REE 500	Rock Pulp	227	1	7.0	0.5	11.1	4.0	50.0	60.7	2	26.7	6.0	501.0	120.2	<0	0.7	107.5	44.6	487.3	053.0	92.19	
REE 509	Rock Pulp	305	2	4.3	1.1	13.0	3.7	24.2	117.0	2	9.2	2.6	179.7	42.0	<0	<0.5	131.5	10.1	102.2	335.5	35.39	
REE 510	Rock Pulp	193	2	7.1	0.4	9.2	2.0	40.5	54.9	1	15.0	5.1	544.4	195.0	<0	<0.5	97.4	53.0	543.2	902.2	101.29	
REE 511	Rock Pulp	118	<1	9.9	0.2	9.5	5.9	56.3	20.5	1	33.0	7.2	1041.7	211.5	<0	1.1	203.3	71.9	305.7	714.6	77.59	
REE 512	Rock Pulp	344	5	26.0	1.4	10.4	6.2	124.3	163.3	3	27.7	11.5	1149.3	247.0	<0	1.4	220.2	104.5	1055.3	2444.0	246.20	
REE 513	Rock Pulp	669	<1	4.1	0.3	4.4	3.5	21.0	149.5	<1	19.1	2.8	100.6	29.3	<8	1.2	125.1	22.3	207.7	363.7	37.34	
REE 514	Rock Pulp	556	2	60.7	0.7	7.0	16.4	295.7	143.8	7	60.0	35.8	4582.0	602.3	17	4.1	598.1	412.4	5110.8	0152.8	899.04	
REE 515	Rock Pulp	401	2	57.3	0.5	8.2	17.0	308.3	127.1	7	64.3	37.3	4542.0	578.2	19	5.5	592.8	436.0	4909.4	8714.9	866.60	
REE 516	Rock Pulp	601	3	27.6	0.4	7.4	7.2	90.6	132.3	3	31.5	11.3	2415.8	699.6	<0	2.2	263.6	212.0	2373.2	4208.7	433.38	
REE 517	Rock Pulp	632	2	16.8	0.5	4.4	6.4	75.9	154.6	2	27.3	9.7	1513.1	335.4	<0	2.3	243.5	159.7	1642.5	2928.6	296.09	
REE 518	Rock Pulp	629	1	34.1	0.4	4.3	5.1	88.4	165.0	3	34.6	12.7	1217.2	445.5	8	5.3	177.4	148.7	1866.8	2481.8	251.11	
REE 519	Rock Pulp	705	<1	24.0	0.9	6.2	7.8	132.2	190.4	3	34.8	16.0	1765.6	252.6	14	2.6	271.3	170.7	1902.3	3544.7	365.25	
REE 520	Rock Pulp	906	10	7.0	2.7	26.2	11.3	20.1	138.9	2	299.0	1.1	40.0	9.0	31	4.7	407.5	18.3	80.3	152.1	17.01	
REE 521	Rock Pulp	795	4	5.8	4.3	15.8	8.2	14.9	100.0	1	151.5	0.7	30.8	10.4	57	4.3	204.9	9.5	52.7	96.9	10.53	
REE 522	Rock Pulp	10721	3	3.7	0.7	3.7	1.4	4.9	30.4	<1	704.1	0.4	7.5	2.1	38	2.9	51.0	9.5	374.8	413.5	32.82	
REE 523	Rock Pulp	6032	13	11.0	2.0	17.1	6.0	15.0	97.2	1	483.1	0.4	15.8	10.5	122	0.3	242.0	22.3	374.0	427.6	36.83	
REE 524	Rock Pulp	16091	6	9.7	1.7	7.4	2.1	6.0	78.0	<1	1110.7	0.4	12.7	5.0	74	2.3	83.4	16.0	650.0	704.0	57.16	
REE 525	Rock Pulp	324	<1	5.1	1.1	43.0	5.5	113.0	33.4	8	29.3	3.3	9.2	5.2	<8	5.5	215.5	456.8	81.4	158.5	19.18	
REE 526	Rock Pulp	796	<1	11.4	0.6	5.7	4.8	39.0	165.6	1	32.5	4.4	540.5	102.8	18	0.8	174.7	60.2	620.8	1120.4	117.41	
REE 527	Rock Pulp	732	<1	16.4	0.3	4.4	7.9	105.2	136.3	2	27.4	11.3	914.9	120.7	18	4.3	289.1	103.9	1250.6	2328.1	234.18	
REE 528	Rock Pulp	687	1	48.1	2.3	16.1	35.8	34.0	141.0	4	40.3	3.3	580.0	447.1	93	1.4	1299.4	86.9	553.0	983.3	106.68	
REE 529	Rock Pulp	754	3	4.7	0.5	5.4	4.1	52.5	171.4	1	25.1	5.9	618.9	110.6	9	1.6	154.5	75.2	683.4	1274.7	130.22	
REE 530	Rock Pulp	749	2	25.4	0.7	5.9	6.5	76.4	183.9	2	32.8	9.1	955.6	155.9	13	3.9	231.1	94.9	1150.2	2093.0	212.64	
REE 531	Rock Pulp	863	1	11.6	0.7	7.0	4.8	49.4	203.3	2	20.3	6.2	334.7	64.0	12	2.7	172.3	45.1	371.0	651.2	60.67	
REE 532	Rock Pulp	848	<1	14.7	0.7	5.9	3.0	41.7	187.4	1	27.3	5.5	661.1	139.7	10	1.0	127.8	79.3	712.9	1356.9	136.83	
REE 533	Rock Pulp	584	2	35.2	0.5	9.7	3.2	48.3	136.7	2	23.9	7.2	1078.7	1512.5	11	1.1	113.2	174.7	903.7	1748.5	180.60	

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



BUREAU VERITAS

MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client:

MacGregor, R.A.

28 Ford St.

Sault Ste. Marie Ontario P6A 4N4 Canada

Project:

None Given

Report Date:

February 17, 2021

Page:

4 of 4

Part: 2 of 2

CERTIFICATE OF ANALYSIS

VAN21000176.1

Method	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100
Analyte	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.3	0.05	0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05	0.01	
REE 508	Rock Pulp	295.3	39.48	2.09	24.41	2.49	10.70	1.84	3.98	0.50	2.90	0.39
REE 509	Rock Pulp	114.7	15.06	0.89	9.56	0.99	4.46	0.67	1.68	0.20	1.38	0.19
REE 510	Rock Pulp	320.5	45.42	2.24	28.88	3.14	14.11	2.99	5.11	0.67	3.81	0.48
REE 511	Rock Pulp	250.3	36.14	2.28	26.62	3.28	16.45	2.70	7.17	0.84	4.68	0.58
REE 512	Rock Pulp	785.9	114.33	6.90	77.96	8.46	35.17	5.05	11.52	1.41	8.27	1.03
REE 513	Rock Pulp	118.4	16.18	1.00	10.16	1.14	5.07	0.76	1.85	0.24	1.30	0.19
REE 514	Rock Pulp	2910.7	417.47	16.32	269.42	27.70	112.40	14.95	33.35	3.88	21.98	2.67
REE 515	Rock Pulp	2029.7	409.68	15.69	256.80	26.95	114.87	15.51	34.32	4.15	23.58	2.97
REE 516	Rock Pulp	1980.3	197.86	9.05	129.96	14.22	61.03	8.49	18.80	2.27	12.56	1.47
REE 517	Rock Pulp	962.5	134.15	5.18	86.19	9.39	41.19	5.67	12.64	1.50	8.47	1.09
REE 518	Rock Pulp	880.2	116.56	4.93	75.07	8.47	38.04	5.57	13.25	1.60	9.24	1.17
REE 519	Rock Pulp	1150.3	162.95	6.03	99.69	10.70	45.25	6.18	14.01	1.66	9.50	1.23
REE 520	Rock Pulp	55.9	8.95	2.05	5.93	0.71	3.92	0.56	1.62	0.24	1.58	0.25
REE 521	Rock Pulp	34.5	5.06	1.08	3.38	0.39	1.80	0.33	0.88	0.13	0.93	0.14
REE 522	Rock Pulp	88.4	9.16	2.30	5.23	0.47	2.09	0.27	0.71	0.11	0.71	0.10
REE 523	Rock Pulp	106.7	12.34	3.37	8.88	0.89	4.17	0.76	1.97	0.28	1.88	0.27
REE 524	Rock Pulp	154.7	15.57	3.81	8.88	0.79	3.40	0.47	1.26	0.18	1.11	0.14
REE 525	Rock Pulp	74.4	17.91	1.87	29.02	6.73	57.03	16.81	71.07	14.13	102.89	15.72
REE 526	Rock Pulp	373.4	52.23	2.40	32.68	3.50	15.09	2.18	5.22	0.65	3.86	0.54
REE 527	Rock Pulp	742.6	104.71	7.53	62.28	6.62	27.09	3.72	7.90	1.01	5.88	0.75
REE 528	Rock Pulp	341.3	51.53	4.56	33.70	4.74	23.83	3.84	10.93	1.40	8.88	1.19
REE 529	Rock Pulp	412.7	59.04	2.45	36.78	4.12	17.77	2.65	6.06	0.80	4.40	0.59
REE 530	Rock Pulp	671.7	95.89	3.92	68.87	6.11	24.71	3.45	7.59	0.97	6.56	0.74
REE 531	Rock Pulp	214.4	31.59	1.50	20.22	2.29	10.51	1.61	4.06	0.49	2.84	0.39
REE 532	Rock Pulp	435.3	61.80	2.57	30.59	4.34	19.98	2.89	6.78	0.88	5.15	0.68
REE 533	Rock Pulp	584.2	92.83	3.93	62.92	6.74	45.00	7.50	19.58	2.63	14.74	1.75

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



BUREAU VERITAS MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

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

Client: **MacGregor, R.A.**
28 Ford St.
Sault Ste. Marie Ontario P6A 4N4 Canada

Project: None Given
Report Date: February 17, 2021

Page: 1 of 1 Part: 1 of 2

QUALITY CONTROL REPORT

VAN21000176.1

Method	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	
Analyte	Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02	
Pulp Duplicates																					
REE 410	Rock Pulp	702	1	5.9	0.5	6.2	4.9	40.7	173.5	2	29.0	4.4	470.4	97.0	14	0.6	174.9	51.5	575.4	969.7	102.50
REP REE 410	QC	692	<1	5.4	0.6	6.3	5.8	41.9	168.4	1	27.7	6.7	463.3	95.7	13	0.7	207.3	51.7	589.0	995.5	103.21
REE 429	Rock Pulp	814	<1	6.8	0.6	6.3	6.6	59.8	188.2	2	26.6	7.3	718.6	117.7	18	1.5	224.9	73.6	723.4	1334.0	137.95
REP REE 429	QC	841	<1	7.2	0.8	5.9	6.2	60.5	191.7	2	28.1	7.1	705.2	117.7	19	1.1	219.1	75.8	730.2	1345.4	137.74
REE 506	Rock Pulp	301	1	8.8	1.0	10.3	5.6	59.1	94.5	2	22.4	6.8	613.2	132.0	<8	0.8	208.7	50.9	645.1	1117.5	120.80
REP REE 506	QC	308	2	9.4	1.1	10.1	6.1	61.5	94.2	2	23.8	7.3	633.9	135.7	<8	1.1	223.6	51.7	642.2	1132.4	121.35
REE 528	Rock Pulp	687	1	48.1	2.3	16.1	35.8	34.0	141.9	4	40.3	3.3	580.0	447.1	93	1.4	1299.4	86.9	553.0	983.3	106.68
REP REE 528	QC	671	1	48.1	2.3	16.5	36.6	33.0	138.0	4	40.7	3.5	564.0	437.6	87	1.0	1305.6	87.2	541.5	950.6	105.47
Reference Materials																					
STD SO-19	Standard	471	15	23.7	4.7	16.5	2.9	70.3	19.5	19	310.4	4.8	13.4	19.5	181	9.6	112.8	35.6	68.9	155.3	19.63
STD SO-19	Standard	478	16	23.6	4.3	16.2	3.2	70.0	18.4	19	311.3	4.2	13.6	19.3	153	9.9	113.4	37.2	70.8	152.3	19.76
STD SO-19	Standard	472	14	23.4	4.3	16.1	3.1	68.3	18.9	19	309.8	5.0	13.9	19.0	161	9.5	111.5	35.1	70.1	145.2	19.36
STD SO-19	Standard	488	15	24.0	4.8	17.0	3.3	73.5	19.7	19	322.8	5.1	13.8	20.1	174	9.5	118.2	36.9	73.3	146.7	20.02
STD SO-19	Standard	492	22	24.0	4.5	15.8	3.2	70.3	20.0	19	321.5	5.2	14.6	19.7	144	11.2	109.0	35.6	73.4	141.8	19.92
STD SO-19	Standard	468	16	24.0	4.6	15.8	3.2	68.0	19.7	19	310.7	4.9	13.7	19.1	144	9.4	111.0	35.4	71.8	157.9	19.66
STD SO-19	Standard	472	12	24.1	4.4	16.5	3.0	68.5	19.2	18	310.9	4.7	13.6	19.5	166	9.4	109.0	34.9	73.4	154.6	18.74
STD SO-19	Standard	470	15	24.4	4.3	15.9	3.0	68.6	19.1	19	319.1	4.5	13.9	20.2	160	9.5	109.1	35.2	72.7	153.1	18.91
STD SO-19 Expected		486	20	24	4.5	17.5	3.1	68.5	19.5	19	317.1	4.9	13	19.4	165	9.8	112	35.5	71.3	161	19.4
BLK	Blank	1	<1	<0.2	<0.1	<0.5	<0.1	<0.1	<0.1	<1	1.2	<0.1	<0.2	<0.1	<8	<0.5	0.2	<0.1	<0.1	<0.1	<0.02
BLK	Blank	<1	<1	<0.2	<0.1	<0.5	<0.1	<0.1	<0.1	<1	1.3	<0.1	<0.2	<0.1	<8	<0.5	0.4	<0.1	<0.1	<0.1	<0.02
BLK	Blank	<1	<1	<0.2	<0.1	<0.5	<0.1	<0.1	<0.1	<1	1.0	<0.1	<0.2	<0.1	<8	<0.5	<0.1	<0.1	0.2	<0.1	<0.02



BUREAU VERITAS MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

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

Client: **MacGregor, R.A.**
28 Ford St.
Sault Ste. Marie Ontario P6A 4N4 Canada

Project: None Given
Report Date: February 17, 2021

Page: 1 of 1

Part: 2 of 2

QUALITY CONTROL REPORT

VAN21000176.1

Method		LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100
Analyte		Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.3	0.05	0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05	0.01
Pulp Duplicates												
REE 410	Rock Pulp	319.5	45.89	1.90	28.23	3.09	13.00	1.82	4.30	0.54	3.27	0.43
REP REE 410	QC	320.2	45.90	1.98	29.31	3.11	12.93	1.87	4.11	0.55	3.32	0.44
REE 429	Rock Pulp	437.7	62.65	2.77	39.99	4.47	19.21	2.70	6.41	0.78	4.77	0.64
REP REE 429	QC	441.3	62.14	2.83	39.49	4.39	19.63	2.80	6.55	0.80	4.84	0.64
REE 506	Rock Pulp	389.7	50.89	2.73	29.23	2.96	13.03	1.91	4.59	0.60	3.48	0.44
REP REE 506	QC	393.6	50.36	2.74	29.73	2.98	12.77	1.94	4.78	0.59	3.59	0.46
REE 528	Rock Pulp	341.3	51.53	4.56	33.73	4.74	23.83	3.84	10.03	1.40	8.88	1.19
REP REE 528	QC	346.5	52.48	4.60	34.90	4.68	23.63	3.75	9.74	1.45	8.83	1.22
Reference Materials												
STD SO-19	Standard	77.1	13.30	3.61	10.58	1.38	7.35	1.38	3.80	0.53	3.50	0.51
STD SO-19	Standard	77.1	13.54	3.71	10.21	1.35	7.35	1.39	3.69	0.54	3.33	0.50
STD SO-19	Standard	74.7	13.13	3.71	10.49	1.40	7.26	1.37	3.85	0.53	3.32	0.52
STD SO-19	Standard	78.4	13.68	3.81	10.54	1.44	7.64	1.43	4.00	0.55	3.41	0.53
STD SO-19	Standard	77.1	13.38	3.74	10.30	1.37	7.18	1.37	3.99	0.51	3.30	0.52
STD SO-19	Standard	77.3	13.29	3.64	10.54	1.35	7.00	1.36	3.71	0.51	3.29	0.48
STD SO-19	Standard	72.9	12.75	3.57	10.28	1.36	7.06	1.31	3.60	0.51	3.24	0.51
STD SO-19	Standard	72.3	12.31	3.54	9.93	1.34	6.87	1.32	3.70	0.54	3.33	0.50
STD SO-19 Expected		75.7	13.7	3.81	10.53	1.41	7.5	1.39	3.78	0.55	3.55	0.53
BLK	Blank	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01
BLK	Blank	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01
BLK	Blank	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01



BUREAU VERITAS MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

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

Client: **MacGregor, R.A.**
28 Ford St.
Sault Ste. Marie Ontario P6A 4N4 Canada

Submitted By: R.A. MacGregor
Receiving Lab: Canada-Vancouver
Received: January 26, 2021
Analysis Start: February 03, 2021
Report Date: February 16, 2021
Page: 1 of 4

CERTIFICATE OF ANALYSIS

VAN21000118.1

CLIENT JOB INFORMATION

Project: None Given
Shipment ID:
P.O. Number
Number of Samples: 82

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SLBHP	82	Sorting, labeling and boxing samples received as pulps			VAN
AQ115-IGN	82	Ignite samples, acid digest, Au by ICP-MS	15	Completed	VAN

SAMPLE DISPOSAL

IMM-PLP Return immediately after analysis

ADDITIONAL COMMENTS

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

Invoice To: MacGregor, R.A.
28 Ford St.
Sault Ste. Marie Ontario P6A 4N4
Canada

CC:



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
*** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



BUREAU VERITAS MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: MacGregor, R.A.
28 Ford St.
Sault Ste. Marie Ontario P6A 4N4 Canada

Project: None Given
Report Date: February 16, 2021

Page: 2 of 4

Part: 1 of 1

CERTIFICATE OF ANALYSIS

VAN21000118.1

Method	AQ115
Analyte	Au
Unit	ppb
MDL	0.5
A462	Rock Pulp 289.8
A463	Rock Pulp 4.0
A464	Rock Pulp 46.9
A465	Rock Pulp 8.6
A466	Rock Pulp 2.4
A467	Rock Pulp 4.5
A468	Rock Pulp 22.2
A469	Rock Pulp 4.4
A470	Rock Pulp 3.2
A471	Rock Pulp 7.3
A472	Rock Pulp 9.7
A473	Rock Pulp 10.8
A474	Rock Pulp 4.0
A475	Rock Pulp 2.6
A476	Rock Pulp 4.5
A477	Rock Pulp 1.4
A478	Rock Pulp <0.5
A479	Rock Pulp 3.0
A480	Rock Pulp 58.4
A481	Rock Pulp 1071.8
A482	Rock Pulp 2415.8
A483	Rock Pulp 5.5
A484	Rock Pulp 0.4
A485	Rock Pulp 4.0
A486	Rock Pulp 10.7
A487	Rock Pulp 0.8
A488	Rock Pulp 0.9
A489	Rock Pulp 5.0
A490	Rock Pulp <0.5
A491	Rock Pulp 1.5



**BUREAU
VERITAS**

MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **MacGregor, R.A.**
28 Ford St.
Sault Ste. Marie Ontario P6A 4N4 Canada

Project: None Given
Report Date: February 16, 2021

Page: 3 of 4

Part: 1 of 1

CERTIFICATE OF ANALYSIS

VAN21000118.1

Method	AQ115
Analyte	Au
Unit	ppb
MDL	0.5
A492	Rock Pulp <0.5
A493	Rock Pulp 7.2
A494	Rock Pulp <0.5
A495	Rock Pulp 721.5
A496	Rock Pulp 3.8
A497	Rock Pulp >10000
A498	Rock Pulp 1091.3
A499	Rock Pulp 53.2
A500	Rock Pulp 5.7
A1051	Rock Pulp 8.6
A1052	Rock Pulp 23.0
A1053	Rock Pulp 1.1
A1054	Rock Pulp <0.5
A1055	Rock Pulp 3.7
A1056	Rock Pulp 4.0
A1057	Rock Pulp 2.1
A1058	Rock Pulp 11.3
A1059	Rock Pulp 1.9
A1060	Rock Pulp 0.9
A1061	Rock Pulp 2.7
A1062	Rock Pulp <0.5
A1063	Rock Pulp <0.5
A1064	Rock Pulp 0.5
A1065	Rock Pulp 1118.8
A1066	Rock Pulp 2002.2
A1067	Rock Pulp 1.0
A1068	Rock Pulp 0.7
A1069	Rock Pulp 12.4
A1070	Rock Pulp 3.0
A1071	Rock Pulp 1.4

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



BUREAU VERITAS MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: MacGregor, R.A.
28 Ford St.
Sault Ste. Marie Ontario P6A 4N4 Canada

Project: None Given
Report Date: February 16, 2021

Page: 1 of 1

Part: 1 of 1

QUALITY CONTROL REPORT

VAN21000118.1

	Method	AQ115
	Analyte	Au
	Unit	ppb
	MDL	0.5
Pulp Duplicates		
A487	Rock Pulp	0.8
REP A487	QC	0.8
A1074	Rock Pulp	1.8
REP A1074	QC	3.1
A1091	Rock Pulp	36.9
REP A1091	QC	38.9
Reference Materials		
STD OREAS901	Standard	389.8
STD OREAS901	Standard	360.2
STD OREAS901	Standard	375.4
STD OREAS901 Expected		363
BLK	Blank	<0.5
BLK	Blank	<0.5
BLK	Blank	<0.5



BUREAU VERITAS MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

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

Client: **MacGregor, R.A.**
28 Ford St.
Sault Ste. Marie Ontario P6A 4N4 Canada

Submitted By: R.A. MacGregor
Receiving Lab: Canada-Vancouver
Received: December 17, 2020
Analysis Start: December 22, 2020
Report Date: January 08, 2021
Page: 1 of 5

CERTIFICATE OF ANALYSIS

VAN20002913.1

CLIENT JOB INFORMATION

Project: None Given
Shipment ID:
P.O. Number
Number of Samples: 112

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SLBHP	112	Sorting, labeling and boxing samples received as pulps			VAN
MA200	112	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN

SAMPLE DISPOSAL

IMM-PLP Return immediately after analysis

ADDITIONAL COMMENTS

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

Invoice To: MacGregor, R.A.
28 Ford St.
Sault Ste. Marie Ontario P6A 4N4
Canada

CC:



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
*** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



BUREAU VERITAS

MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client: **MacGregor, R.A.**
28 Ford St.
Sault Ste. Marie Ontario P6A 4N4 Canada

Project: None Given
Report Date: January 08, 2021

Page: 2 of 5 Part: 1 of 3

CERTIFICATE OF ANALYSIS

VAN20002913.1

Method	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
MDL	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.001	0.1	
IMA5455	Rock Pulp	1.9	56.0	22.9	24	0.2	79.1	35.8	161	4.21	39	4.3	11.5	21	<0.1	1.1	0.5	150	0.09	0.047	26.2
IMA5456	Rock Pulp	2.3	41.6	29.2	23	0.3	99.2	44.6	144	4.18	56	4.6	12.3	19	<0.1	2.0	0.5	166	0.09	0.053	23.4
IMA5457	Rock Pulp	1.0	61.6	24.5	34	0.2	70.9	33.0	376	5.89	27	3.3	8.3	25	<0.1	0.9	0.4	170	0.32	0.054	26.9
IMA5458	Rock Pulp	1.1	76.6	26.6	32	0.3	77.7	32.6	298	5.34	29	3.7	7.0	27	<0.1	1.2	0.5	151	0.11	0.042	18.3
IMA5459	Rock Pulp	2.9	49.7	7.5	17	<0.1	55.5	29.1	139	3.37	34	4.7	11.0	24	<0.1	0.5	0.4	110	0.09	0.041	17.0
IMA5460	Rock Pulp	2.5	89.2	9.7	6	<0.1	69.3	60.6	71	2.57	62	7.1	17.0	31	<0.1	0.4	0.9	84	0.24	0.031	29.6
IMA5461	Rock Pulp	3.4	62.2	9.2	6	<0.1	52.9	55.7	63	2.02	67	5.9	13.8	28	<0.1	0.6	0.6	98	0.09	0.037	21.4
IMA5462	Rock Pulp	0.9	2.9	1.6	21	<0.1	3.1	2.1	109	2.03	<1	1.8	5.5	32	0.2	<0.1	<0.1	4	0.20	0.004	26.2
IMA5463	Rock Pulp	0.9	6.5	2.5	10	<0.1	2.4	0.9	78	1.59	<1	1.9	5.7	8	0.2	0.1	<0.1	3	0.09	0.005	1.3
IMA5464	Rock Pulp	0.2	4.0	2.9	34	<0.1	4.3	3.3	307	2.76	<1	1.3	6.6	101	<0.1	0.2	<0.1	6	0.54	0.014	30.6
IMA5465	Rock Pulp	1.4	31.6	2.7	20	<0.1	2.3	3.2	311	2.43	1	1.3	6.7	63	<0.1	0.1	0.1	4	0.26	0.015	28.8
IMA5466	Rock Pulp	4.5	11.4	2.5	23	<0.1	2.3	2.3	291	2.68	<1	1.6	8.4	54	<0.1	<0.1	<0.1	3	0.41	0.013	20.9
IMA5467	Rock Pulp	0.7	38.0	3.8	17	<0.1	3.2	2.8	346	1.59	<1	1.1	6.2	71	<0.1	<0.1	0.1	3	0.80	0.012	25.7
IMA5468	Rock Pulp	0.5	29.1	2.2	10	<0.1	2.2	1.2	98	1.50	<1	1.0	4.8	42	0.1	<0.1	<0.1	1	0.09	0.006	16.2
IMA5469	Rock Pulp	2.0	3.6	3.6	39	<0.1	8.9	5.6	592	2.68	<1	1.4	7.4	132	0.2	0.1	<0.1	14	2.99	0.008	37.2
IMA5470	Rock Pulp	11.2	485.8	6.6	29	0.2	4.9	4.8	505	3.27	1	1.8	5.7	39	<0.1	0.1	0.3	4	1.39	0.022	92.1
IMA5471	Rock Pulp	1.6	86.4	3.5	23	<0.1	5.1	5.2	200	3.30	1	1.8	7.4	41	<0.1	0.2	0.2	4	0.29	0.005	31.4
IMA5472	Rock Pulp	7.6	7.9	5.5	28	<0.1	1.7	4.3	148	32.42	2	4.3	8.5	29	0.1	0.5	0.1	3	0.21	0.023	82.1
IMA5473	Rock Pulp	2.6	233.6	5.4	17	0.4	8.8	20.5	158	8.75	<1	2.2	9.2	22	<0.1	0.1	0.5	4	0.14	0.015	60.9
IMA5474	Rock Pulp	2.4	134.3	2.6	6	0.1	2.5	0.9	46	1.75	2	0.6	2.7	40	<0.1	0.1	0.6	2	0.09	0.008	1.7
IMA5475	Rock Pulp	0.2	30.7	2.3	94	<0.1	87.6	23.9	1188	5.78	2	1.5	8.4	274	<0.1	0.1	0.2	159	3.58	0.059	30.6
IMA5476	Rock Pulp	0.5	3.4	1.6	7	<0.1	4.0	1.1	75	0.95	<1	1.5	6.3	113	<0.1	<0.1	<0.1	21	0.09	0.007	28.4
IMA5477	Rock Pulp	0.9	4.2	3.1	31	<0.1	23.0	3.3	1544	2.56	<1	0.4	2.6	83	<0.1	0.1	48.6	20	2.51	0.034	11.6
IMA5478	Rock Pulp	1.2	15.1	5.4	13	0.1	9.5	1.5	831	1.11	1	0.3	1.6	42	<0.1	<0.1	101.1	9	1.60	0.012	11.7
IMA5479	Rock Pulp	0.8	2.3	8.4	26	<0.1	1.9	1.5	150	1.89	<1	1.7	6.7	38	0.2	<0.1	0.1	1	0.84	0.007	35.1
IMA5480	Rock Pulp	0.5	45.8	2.4	130	<0.1	12.2	16.5	1512	6.54	<1	0.8	3.1	103	<0.1	0.1	0.4	124	1.74	0.088	16.8
IMA5481	Rock Pulp	0.3	3.1	3.0	99	<0.1	46.1	24.4	1888	6.39	1	0.5	2.4	188	<0.1	0.3	0.4	145	5.46	0.061	13.4
IMA5482	Rock Pulp	1.0	166.3	2.7	97	<0.1	10.8	17.7	1040	4.91	1	0.9	4.1	139	<0.1	0.2	0.3	43	2.41	0.042	24.6
IMA5483	Rock Pulp	0.8	8.3	2.9	27	<0.1	1.8	1.4	167	2.09	1	1.5	7.8	70	<0.1	<0.1	<0.1	2	0.53	0.012	37.2
IMA5484	Rock Pulp	2.3	291.7	4.7	37	<0.1	8.0	68.9	374	3.67	1	1.6	6.8	202	<0.1	<0.1	0.3	20	1.78	0.092	35.0

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



BUREAU VERITAS MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client: **MacGregor, R.A.**
28 Ford St.
Sault Ste. Marie Ontario P6A 4N4 Canada

Project: None Given
Report Date: January 08, 2021

Page: 2 of 5 Part: 2 of 3

CERTIFICATE OF ANALYSIS

VAN20002913.1

Method	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	
Analyte	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li	S	Rb	Hf	
Unit	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	
MDL	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1	0.1	0.1	0.1	
IMA5455	Rock Pulp	125	1.05	526	0.453	9.73	0.204	5.64	3.6	126.0	56	2.4	14.3	10.9	0.9	3	20	25.4	0.3	227.5	3.8
IMA5456	Rock Pulp	142	1.13	588	0.488	9.40	0.094	6.16	4.3	132.7	56	2.8	14.5	11.3	1.0	3	22	28.4	0.4	254.3	4.0
IMA5457	Rock Pulp	132	1.43	479	0.478	8.46	0.419	4.33	2.4	111.1	45	1.4	17.0	8.1	0.7	4	19	33.5	0.3	186.0	3.1
IMA5458	Rock Pulp	129	1.32	507	0.420	8.55	0.671	4.29	2.2	109.4	42	1.6	15.0	7.7	0.7	3	17	34.7	0.2	193.6	3.2
IMA5459	Rock Pulp	210	0.67	548	0.304	6.06	0.373	3.40	1.7	109.8	36	0.8	10.6	5.7	0.5	3	13	21.6	0.1	163.4	3.4
IMA5460	Rock Pulp	167	0.48	781	0.284	7.32	0.136	6.34	1.9	120.0	62	1.1	12.1	8.2	0.8	4	12	26.7	0.4	288.1	3.7
IMA5461	Rock Pulp	186	0.47	743	0.307	6.96	0.139	5.01	1.5	145.1	46	1.5	11.1	7.6	0.7	3	14	27.0	0.4	277.2	4.2
IMA5462	Rock Pulp	88	0.31	333	0.096	4.07	1.868	1.16	0.8	138.3	57	2.8	10.7	15.1	1.0	<1	4	8.9	<0.1	32.2	4.9
IMA5463	Rock Pulp	57	0.38	173	0.080	4.83	0.113	2.47	0.8	232.8	3	3.5	10.3	18.1	1.3	1	5	6.3	<0.1	55.5	7.3
IMA5464	Rock Pulp	68	0.46	376	0.161	5.44	2.696	1.20	1.1	209.5	71	2.4	13.7	18.4	1.2	1	8	9.3	<0.1	37.7	6.7
IMA5465	Rock Pulp	81	0.38	294	0.164	5.26	2.390	1.09	1.6	201.9	71	3.5	12.1	17.5	1.3	1	8	5.3	<0.1	32.1	6.5
IMA5466	Rock Pulp	84	0.37	270	0.142	5.61	2.762	1.02	1.1	222.2	62	3.5	11.5	14.5	1.3	2	7	5.1	<0.1	29.2	7.2
IMA5467	Rock Pulp	113	0.16	178	0.156	5.70	4.280	0.48	11.0	206.1	49	1.4	13.9	18.2	1.2	1	7	2.4	<0.1	12.4	6.5
IMA5468	Rock Pulp	114	0.08	201	0.109	4.74	3.439	0.59	1.1	193.5	35	1.6	9.1	16.8	1.2	<1	5	3.6	<0.1	13.2	5.8
IMA5469	Rock Pulp	104	0.72	331	0.153	5.76	2.940	1.47	1.4	217.3	78	2.2	18.1	16.9	1.3	1	7	13.3	<0.1	35.3	6.4
IMA5470	Rock Pulp	139	0.98	67	0.051	2.12	0.202	0.51	>200	90.9	168	0.9	47.0	3.8	<0.1	<1	4	4.3	0.2	17.5	2.9
IMA5471	Rock Pulp	67	0.52	244	0.120	5.06	1.600	1.78	4.9	207.2	70	4.3	22.6	20.7	1.4	<1	5	13.7	1.1	46.3	6.5
IMA5472	Rock Pulp	72	0.32	323	0.079	3.45	0.588	1.33	6.4	107.4	144	6.3	119.9	107.5	3.4	1	7	10.1	<0.1	34.6	3.4
IMA5473	Rock Pulp	89	0.47	91	0.067	5.07	1.485	0.81	2.1	241.8	121	4.4	24.6	18.8	1.1	1	7	25.7	3.6	23.5	8.8
IMA5474	Rock Pulp	113	0.04	163	0.112	4.59	4.031	0.50	1.2	191.0	4	1.1	4.0	16.8	1.2	<1	4	2.8	<0.1	8.9	6.2
IMA5475	Rock Pulp	170	2.65	351	0.214	7.21	3.327	0.92	0.8	96.3	57	0.8	13.1	2.0	0.1	<1	16	13.6	<0.1	31.9	2.7
IMA5476	Rock Pulp	158	0.14	464	0.075	4.94	2.631	1.15	1.5	159.2	63	2.5	8.0	9.0	0.6	1	5	7.2	<0.1	35.7	5.9
IMA5477	Rock Pulp	233	1.42	56	0.077	2.31	0.209	0.21	7.4	49.1	24	0.9	6.4	2.8	0.2	<1	6	2.7	<0.1	9.3	1.4
IMA5478	Rock Pulp	111	0.57	30	0.024	1.17	0.113	0.08	7.7	23.2	24	0.5	3.8	0.8	<0.1	<1	3	0.7	<0.1	2.4	0.7
IMA5479	Rock Pulp	86	0.15	119	0.115	5.08	2.114	1.25	0.7	238.6	68	1.1	31.3	21.0	1.4	2	6	6.6	0.1	33.3	6.7
IMA5480	Rock Pulp	63	1.82	543	0.592	7.08	1.516	1.01	0.8	125.7	41	2.3	26.1	9.9	0.6	2	19	17.6	<0.1	35.7	3.0
IMA5481	Rock Pulp	98	2.11	94	0.454	8.85	2.229	0.26	0.5	82.2	30	2.0	18.7	6.2	0.4	<1	16	10.3	<0.1	3.3	2.1
IMA5482	Rock Pulp	88	1.54	122	0.346	5.92	1.859	0.18	0.6	169.4	52	0.8	31.5	11.8	0.8	<1	13	11.2	<0.1	5.7	4.7
IMA5483	Rock Pulp	93	0.19	539	0.105	5.64	2.982	1.03	0.4	247.4	81	0.9	20.4	16.0	1.1	2	7	2.2	<0.1	24.6	7.0
IMA5484	Rock Pulp	116	0.62	257	0.418	5.79	2.172	0.74	0.6	218.1	81	2.0	44.8	16.0	1.1	2	12	8.6	1.0	27.1	6.6

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



BUREAU
VERITAS

MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client: **MacGregor, R.A.**
28 Ford St.
Sault Ste. Marie Ontario P6A 4N4 Canada

Project: None Given
Report Date: January 08, 2021

Page: 2 of 5

Part: 3 of 3

CERTIFICATE OF ANALYSIS

VAN20002913.1

Method	MA200	MA200	MA200	MA200	MA200	
Analyte	In	Re	Se	Te	Tl	
Unit	ppm	ppm	ppm	ppm	ppm	
MDL	0.05	0.005	1	0.5	0.5	
IMA5455	Rock Pulp	0.08	0.007	2	<0.5	1.1
IMA5456	Rock Pulp	0.08	0.006	2	<0.5	1.4
IMA5457	Rock Pulp	<0.05	<0.005	<1	<0.5	1.0
IMA5458	Rock Pulp	0.11	<0.005	<1	<0.5	0.9
IMA5459	Rock Pulp	0.06	<0.005	<1	<0.5	0.9
IMA5460	Rock Pulp	<0.05	<0.005	<1	<0.5	1.6
IMA5461	Rock Pulp	0.11	<0.005	<1	<0.5	1.4
IMA5462	Rock Pulp	0.14	<0.005	<1	<0.5	<0.5
IMA5463	Rock Pulp	<0.05	<0.005	<1	<0.5	<0.5
IMA5464	Rock Pulp	0.10	<0.005	<1	<0.5	<0.5
IMA5465	Rock Pulp	0.12	<0.005	<1	<0.5	<0.5
IMA5466	Rock Pulp	0.06	<0.005	<1	<0.5	<0.5
IMA5467	Rock Pulp	<0.05	<0.005	<1	<0.5	<0.5
IMA5468	Rock Pulp	<0.05	<0.005	1	<0.5	<0.5
IMA5469	Rock Pulp	<0.05	0.006	<1	0.7	<0.5
IMA5470	Rock Pulp	0.08	0.015	<1	0.6	<0.5
IMA5471	Rock Pulp	0.08	0.016	2	<0.5	<0.5
IMA5472	Rock Pulp	0.11	<0.005	2	<0.5	<0.5
IMA5473	Rock Pulp	0.06	0.009	4	<0.5	<0.5
IMA5474	Rock Pulp	0.07	<0.005	<1	<0.5	<0.5
IMA5475	Rock Pulp	<0.05	<0.005	<1	0.7	<0.5
IMA5476	Rock Pulp	0.07	<0.005	<1	<0.5	<0.5
IMA5477	Rock Pulp	<0.05	<0.005	<1	12.3	<0.5
IMA5478	Rock Pulp	<0.05	<0.005	<1	19.4	<0.5
IMA5479	Rock Pulp	<0.05	<0.005	<1	<0.5	<0.5
IMA5480	Rock Pulp	0.07	<0.005	1	<0.5	<0.5
IMA5481	Rock Pulp	0.13	<0.005	<1	0.6	<0.5
IMA5482	Rock Pulp	0.09	<0.005	<1	0.8	<0.5
IMA5483	Rock Pulp	0.05	<0.005	<1	<0.5	<0.5
IMA5484	Rock Pulp	0.20	<0.005	1	<0.5	<0.5

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



BUREAU VERITAS

MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client:

MacGregor, R.A.

28 Ford St.

Sault Ste. Marie Ontario P6A 4N4 Canada

Project:

None Given

Report Date:

January 08, 2021

Page:

3 of 5

Part:

1 of 3

CERTIFICATE OF ANALYSIS

VAN20002913.1

Method	Analyte	Unit	MDL	MA200 Mo	MA200 Cu	MA200 Pb	MA200 Zn	MA200 Ag	MA200 Ni	MA200 Co	MA200 Mn	MA200 Fe	MA200 As	MA200 U	MA200 Th	MA200 Sr	MA200 Cd	MA200 Sb	MA200 Bi	MA200 V	MA200 Ca	MA200 P	MA200 La
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
		0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.001	0.1
IMA5485	Rock Pulp	0.4	48.1	4.3	58	<0.1	5.7	10.9	482	6.23	<1	1.4	6.2	73	<0.1	<0.1	<0.1	25	2.10	0.089	30.2		
IMA5486	Rock Pulp	0.6	6.5	2.0	17	<0.1	2.9	1.4	161	1.37	2	1.2	5.3	32	<0.1	<0.1	0.2	3	0.08	0.004	4.4		
IMA5487	Rock Pulp	0.6	11.7	1.5	21	<0.1	7.6	2.7	256	1.60	2	0.7	3.3	21	<0.1	<0.1	0.4	5	0.14	0.004	5.5		
IMA5488	Rock Pulp	0.7	7.6	3.6	12	<0.1	4.0	1.6	122	1.17	2	1.7	8.4	31	<0.1	0.1	<0.1	5	0.07	0.017	9.7		
IMA5489	Rock Pulp	0.4	12.6	1.6	17	0.7	8.4	1.2	557	0.92	<1	0.1	0.7	26	<0.1	<0.1	11.8	9	0.30	0.009	4.1		
IMA5490	Rock Pulp	0.6	10.2	5.0	29	<0.1	6.0	1.4	147	1.97	2	1.3	5.0	30	<0.1	0.2	1.5	5	0.11	0.010	5.5		
IMA5491	Rock Pulp	0.4	4.5	2.4	121	<0.1	3.0	3.7	626	3.94	<1	1.2	5.9	40	<0.1	<0.1	0.1	2	0.37	0.011	27.6		
IMA5492	Rock Pulp	0.4	1.4	4.9	45	<0.1	13.0	3.8	199	2.43	<1	1.1	4.2	93	<0.1	<0.1	<0.1	51	0.25	0.027	23.8		
IMA5493	Rock Pulp	0.3	1.5	2.5	20	<0.1	3.3	1.6	173	1.11	<1	1.0	3.8	50	<0.1	<0.1	<0.1	1	0.29	0.007	20.4		
IMA5494	Rock Pulp	0.9	7.6	17.3	13	4.8	6.3	1.1	99	0.53	2	0.2	0.8	12	0.1	<0.1	353.7	3	0.08	0.003	4.2		
IMA5495	Rock Pulp	0.2	9.2	3.2	74	<0.1	2.5	3.8	382	4.35	2	1.1	5.3	24	<0.1	<0.1	0.7	2	0.09	0.016	32.8		
IMA5496	Rock Pulp	0.5	2.9	5.1	3	0.2	5.6	0.4	45	0.30	1	<0.1	0.6	6	<0.1	<0.1	120.9	2	0.03	0.007	0.7		
IMA5497	Rock Pulp	2.6	17.4	46.4	86	0.1	27.6	9.4	617	2.78	2	3.9	19.5	525	<0.1	0.2	1.9	72	1.08	0.086	73.8		
IMA5498	Rock Pulp	2.6	9.8	22.8	22	<0.1	13.8	2.8	195	1.90	<1	3.9	21.3	211	0.2	0.1	0.2	41	0.74	0.074	42.1		
IMA5499	Rock Pulp	0.5	20.9	251.3	4909	0.3	96.8	48.9	1365	9.57	5	7.7	2.9	77	18.4	0.2	1.1	399	1.36	0.076	12.3		
IMA5500	Rock Pulp	1.5	140.1	6.7	112	<0.1	70.5	48.0	1056	9.13	2	0.5	1.8	576	0.2	0.2	0.1	341	5.87	0.059	10.3		
IMA5501	Rock Pulp	1.6	18.1	47.7	107	<0.1	25.7	9.5	508	2.55	2	4.8	36.8	711	<0.1	0.2	0.5	54	1.62	0.093	49.8		
IMA5502	Rock Pulp	0.6	139.7	14.6	167	<0.1	49.6	45.3	1894	9.62	6	1.8	5.9	859	<0.1	1.1	0.9	367	4.62	0.072	20.1		
IMA5503	Rock Pulp	1.4	36.3	47.8	64	<0.1	25.9	8.5	515	2.27	5	8.8	32.3	584	0.1	0.3	0.6	63	1.30	0.087	100.3		
IMA5504	Rock Pulp	5.0	38.2	41.5	61	<0.1	24.7	9.6	495	2.24	7	8.0	29.7	596	0.3	0.3	0.5	55	1.87	0.083	66.8		
IMA5505	Rock Pulp	1.3	94.1	40.0	21	0.4	8.9	3.4	371	0.81	<1	2.3	6.9	750	<0.1	<0.1	1.9	24	3.70	0.053	303.8		
IMA5506	Rock Pulp	70.4	78.4	190.9	88	0.9	41.8	11.0	518	3.98	1	11.2	14.3	496	0.2	0.2	2.2	113	1.44	0.117	347.5		
IMA5507	Rock Pulp	10.1	716.8	1979.8	57	9.2	28.5	10.8	511	2.44	<1	6.0	11.6	1153	0.3	0.1	25.8	67	3.55	0.113	709.6		
IMA5508	Rock Pulp	0.9	32.0	66.4	70	<0.1	21.0	7.7	500	2.33	4	9.5	35.3	756	0.2	0.4	1.0	57	1.25	0.073	71.7		
IMA5509	Rock Pulp	0.3	79.0	39.9	305	0.7	39.4	47.7	1904	9.56	2	3.8	1.7	86	0.1	0.1	1.8	306	2.30	0.052	9.2		
IMA5510	Rock Pulp	2.7	4.6	8.8	28	<0.1	2.3	1.4	199	1.69	<1	2.2	8.8	69	0.3	<0.1	<0.1	<1	0.38	0.011	35.6		
IMA5511	Rock Pulp	0.5	9.1	4.9	27	<0.1	2.7	2.1	166	1.96	<1	2.3	8.4	53	0.2	<0.1	<0.1	<1	0.59	0.009	27.1		
IMA5512	Rock Pulp	0.3	18.6	3.4	101	<0.1	8.3	10.9	1547	5.41	1	0.7	1.9	138	<0.1	0.1	0.3	85	1.65	0.078	9.6		
IMA5513	Rock Pulp	4.4	70.8	4.2	22	<0.1	4.2	2.8	293	1.83	<1	1.8	7.9	96	0.2	<0.1	0.2	2	0.45	0.018	30.1		
IMA5514	Rock Pulp	0.3	66.2	4.8	29	<0.1	2.6	2.3	235	2.02	<1	1.1	5.2	140	<0.1	0.1	0.1	3	0.46	0.007	8.0		



BUREAU VERITAS

MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **MacGregor, R.A.**
28 Ford St.
Sault Ste. Marie Ontario P6A 4N4 Canada

Project: None Given
Report Date: January 08, 2021

Page: 3 of 5 Part: 2 of 3

CERTIFICATE OF ANALYSIS

VAN20002913.1

Method	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	
Analyte	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li	S	Rb	Hf	
Unit	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	
MDL	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1	0.1	0.1	0.1	
IMA5485	Rock Pulp	53	1.26	181	0.409	7.06	1.844	0.97	0.9	221.1	70	3.5	44.5	17.3	1.1	1	13	10.6	0.2	47.1	6.3
IMA5486	Rock Pulp	96	0.37	420	0.083	5.18	0.213	2.66	5.5	184.5	16	8.5	7.1	12.5	0.7	<1	7	3.1	<0.1	50.4	5.9
IMA5487	Rock Pulp	156	0.37	280	0.059	3.09	0.140	1.07	26.1	116.7	16	3.7	4.8	7.1	0.4	<1	5	2.4	<0.1	24.3	3.4
IMA5488	Rock Pulp	87	0.39	467	0.109	4.62	0.186	1.94	12.2	260.2	30	6.8	8.5	17.9	1.1	<1	5	1.4	<0.1	38.4	7.8
IMA5489	Rock Pulp	109	0.36	17	0.022	1.11	0.091	0.05	20.8	15.4	8	0.3	3.6	0.5	<0.1	<1	2	1.4	<0.1	1.3	0.4
IMA5490	Rock Pulp	124	0.43	516	0.078	4.49	0.443	1.69	5.5	179.4	20	8.0	6.9	10.3	0.6	<1	7	4.4	<0.1	35.0	5.4
IMA5491	Rock Pulp	111	1.08	246	0.051	5.03	0.515	1.63	0.5	197.3	62	6.5	12.1	11.0	0.6	<1	7	10.9	<0.1	42.2	6.4
IMA5492	Rock Pulp	91	0.80	336	0.076	5.88	1.265	1.70	2.0	177.0	52	3.8	9.4	7.3	0.5	2	9	7.0	<0.1	39.0	5.5
IMA5493	Rock Pulp	84	0.34	95	0.029	3.15	1.495	0.58	0.4	116.0	44	2.1	9.2	6.9	0.5	<1	4	3.1	<0.1	12.5	3.9
IMA5494	Rock Pulp	95	0.13	22	0.014	0.67	0.211	0.07	2.3	14.1	8	0.3	1.2	1.0	<0.1	<1	2	0.7	<0.1	1.6	0.5
IMA5495	Rock Pulp	103	0.97	265	0.054	5.14	0.932	1.46	0.6	168.1	77	7.1	11.3	9.5	0.5	<1	7	11.1	<0.1	42.4	5.2
IMA5496	Rock Pulp	72	0.06	9	0.006	0.26	0.035	0.04	0.7	6.8	2	0.2	1.1	0.3	<0.1	<1	<1	0.4	<0.1	1.4	0.1
IMA5497	Rock Pulp	106	1.09	2561	0.241	7.46	3.781	5.99	1.3	228.5	141	1.2	17.2	11.3	0.7	6	6	12.2	<0.1	182.6	6.6
IMA5498	Rock Pulp	103	0.27	539	0.203	7.51	5.939	2.08	1.8	284.0	80	1.7	12.6	13.3	0.5	4	4	3.1	<0.1	70.3	7.5
IMA5499	Rock Pulp	132	5.04	889	0.943	7.27	0.609	4.02	7.6	132.8	27	1.4	22.1	7.4	0.5	6	42	73.5	0.2	152.4	3.4
IMA5500	Rock Pulp	100	3.37	564	0.744	6.82	1.041	1.97	0.4	84.0	22	1.0	29.7	4.4	0.3	<1	31	24.0	<0.1	80.7	2.2
IMA5501	Rock Pulp	107	0.95	4696	0.243	7.65	4.522	3.88	1.4	303.0	97	1.5	16.7	13.9	0.6	5	6	26.7	<0.1	165.2	7.2
IMA5502	Rock Pulp	89	3.00	622	0.919	6.92	2.328	0.93	0.5	161.3	41	1.5	32.8	8.3	0.5	4	35	35.2	0.1	29.2	3.9
IMA5503	Rock Pulp	90	0.95	728	0.230	7.86	3.922	4.04	1.6	399.5	159	1.9	19.7	13.7	0.7	11	6	20.8	0.4	155.3	10.7
IMA5504	Rock Pulp	102	0.85	460	0.220	7.12	4.080	4.36	1.7	372.3	141	1.6	17.3	15.2	0.7	6	5	10.3	0.5	129.9	9.7
IMA5505	Rock Pulp	113	0.38	600	0.060	1.56	1.015	0.35	1.9	42.7	418	0.7	9.4	3.1	0.1	3	2	15.7	<0.1	31.3	0.9
IMA5506	Rock Pulp	137	1.41	1449	0.303	6.08	4.637	0.93	3.5	204.0	420	1.5	22.5	10.7	0.3	9	7	54.2	0.1	97.3	4.6
IMA5507	Rock Pulp	185	0.94	184	0.167	3.15	1.706	1.11	1.8	83.6	757	0.9	17.6	5.7	0.2	7	8	37.9	0.3	96.8	2.0
IMA5508	Rock Pulp	90	0.83	1600	0.261	7.72	4.706	3.63	0.8	560.7	133	1.9	18.7	21.0	1.0	11	5	18.4	<0.1	171.7	12.9
IMA5509	Rock Pulp	62	6.02	937	0.723	5.48	0.343	2.22	5.4	90.0	19	0.9	23.8	5.0	0.3	3	33	87.6	<0.1	207.7	2.6
IMA5510	Rock Pulp	88	0.52	349	0.138	5.05	1.431	1.95	1.6	241.7	74	2.9	27.0	20.0	1.5	2	7	11.0	<0.1	51.6	7.6
IMA5511	Rock Pulp	113	0.47	176	0.138	5.34	2.233	1.66	1.0	249.1	60	3.1	23.4	24.2	1.7	2	6	8.5	<0.1	47.7	8.0
IMA5512	Rock Pulp	40	0.94	167	1.159	7.17	4.004	0.50	0.5	214.3	23	2.0	16.6	64.4	4.5	2	16	8.5	<0.1	21.7	5.2
IMA5513	Rock Pulp	165	0.14	288	0.197	5.58	3.886	0.69	0.5	246.0	61	1.0	33.3	22.2	1.5	1	8	4.0	<0.1	16.6	6.7
IMA5514	Rock Pulp	88	0.36	335	0.156	5.13	2.464	1.12	1.5	211.3	19	1.5	14.7	14.9	1.2	1	7	9.1	<0.1	30.7	6.3

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



BUREAU
VERITAS

MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client: **MacGregor, R.A.**
28 Ford St.
Sault Ste. Marie Ontario P6A 4N4 Canada

Project: None Given
Report Date: January 08, 2021

Page: 3 of 5

Part: 3 of 3

CERTIFICATE OF ANALYSIS

VAN20002913.1

Method	MA200	MA200	MA200	MA200	MA200	
Analyte	In	Re	Se	Te	Tl	
Unit	ppm	ppm	ppm	ppm	ppm	
MDL	0.05	0.005	1	0.5	0.5	
IMA5485	Rock Pulp	0.08	<0.005	<1	<0.5	<0.5
IMA5486	Rock Pulp	0.10	<0.005	<1	<0.5	<0.5
IMA5487	Rock Pulp	0.06	<0.005	<1	<0.5	<0.5
IMA5488	Rock Pulp	0.09	<0.005	<1	<0.5	<0.5
IMA5489	Rock Pulp	<0.05	<0.005	<1	3.8	<0.5
IMA5490	Rock Pulp	0.12	<0.005	<1	0.6	<0.5
IMA5491	Rock Pulp	0.08	<0.005	<1	<0.5	<0.5
IMA5492	Rock Pulp	0.10	<0.005	<1	<0.5	<0.5
IMA5493	Rock Pulp	0.07	<0.005	<1	<0.5	<0.5
IMA5494	Rock Pulp	<0.05	<0.005	<1	154.3	<0.5
IMA5495	Rock Pulp	0.15	<0.005	<1	<0.5	<0.5
IMA5496	Rock Pulp	<0.05	<0.005	<1	49.2	<0.5
IMA5497	Rock Pulp	<0.05	<0.005	<1	0.9	1.0
IMA5498	Rock Pulp	<0.05	0.006	<1	<0.5	<0.5
IMA5499	Rock Pulp	0.24	<0.005	<1	0.7	1.2
IMA5500	Rock Pulp	0.08	<0.005	<1	1.2	0.5
IMA5501	Rock Pulp	<0.05	0.007	1	<0.5	1.1
IMA5502	Rock Pulp	0.09	0.006	1	1.1	<0.5
IMA5503	Rock Pulp	<0.05	<0.005	<1	<0.5	1.2
IMA5504	Rock Pulp	<0.05	<0.005	<1	<0.5	0.9
IMA5505	Rock Pulp	<0.05	0.005	<1	0.9	<0.5
IMA5506	Rock Pulp	<0.05	0.030	<1	<0.5	1.1
IMA5507	Rock Pulp	0.06	<0.005	2	2.0	1.4
IMA5508	Rock Pulp	<0.05	<0.005	<1	<0.5	1.0
IMA5509	Rock Pulp	0.11	<0.005	<1	1.8	1.6
IMA5510	Rock Pulp	<0.05	<0.005	<1	<0.5	<0.5
IMA5511	Rock Pulp	<0.05	<0.005	<1	<0.5	<0.5
IMA5512	Rock Pulp	0.07	<0.005	<1	<0.5	<0.5
IMA5513	Rock Pulp	<0.05	0.008	<1	<0.5	<0.5
IMA5514	Rock Pulp	<0.05	<0.005	<1	<0.5	<0.5

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



BUREAU VERITAS

MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **MacGregor, R.A.**
28 Ford St.
Sault Ste. Marie Ontario P6A 4N4 Canada

Project: None Given
Report Date: January 08, 2021

Page: 4 of 5

Part: 1 of 3

CERTIFICATE OF ANALYSIS

VAN20002913.1

Method	Analyte	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm		
MDL		0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	1	0.1	0.1	1	0.01	0.001	0.1		
IMA5515	Rock Pulp	1.0	89.5	5.5	24	<0.1	3.0	5.1	281	2.50	<1	1.9	7.4	92	<0.1	<0.1	0.3	3	0.34	0.015	29.1	
IMA5516	Rock Pulp	2.0	2.3	1.7	8	<0.1	1.8	0.5	152	0.66	<1	0.9	4.2	97	0.2	<0.1	<0.1	1	0.47	0.002	5.5	
IMA5517	Rock Pulp	0.3	80.8	5.4	121	0.1	59.4	22.0	600	6.51	<1	0.5	1.7	139	<0.1	<0.1	<0.1	165	2.78	0.080	9.2	
IMA5518	Rock Pulp	0.3	5.1	2.6	15	<0.1	2.5	1.7	330	1.37	<1	1.5	6.7	78	0.1	<0.1	<0.1	1	0.68	0.013	38.5	
IMA5519	Rock Pulp	2.9	16.9	2.2	14	<0.1	3.6	2.4	328	1.56	<1	0.8	6.2	106	0.2	0.1	0.1	2	1.15	0.015	14.4	
IMA5520	Rock Pulp	0.3	9.1	2.6	40	<0.1	2.3	3.1	327	2.94	<1	0.8	4.3	51	0.1	<0.1	<0.1	1	0.25	0.018	12.3	
IMA5521	Rock Pulp	0.3	2.4	2.3	27	<0.1	3.2	2.2	280	1.96	<1	1.5	6.4	77	0.2	<0.1	<0.1	2	0.31	0.013	38.6	
IMA5522	Rock Pulp	2.6	8.6	4.0	22	<0.1	3.1	1.6	194	1.32	1	1.4	5.7	62	<0.1	<0.1	3.7	3	0.20	0.012	18.9	
IMA5523	Rock Pulp	0.5	2.3	2.1	44	<0.1	4.1	2.9	204	2.87	<1	0.9	4.7	23	<0.1	0.1	<0.1	1	0.05	0.009	26.0	
IMA5524	Rock Pulp	7.6	6.1	7.0	9	0.6	11.2	4.0	75	1.06	2	3.2	8.5	41	<0.1	0.3	1.6	27	0.00	0.029	15.8	
IMA5525	Rock Pulp	3.8	3.2	0.9	3	<0.1	4.2	1.0	39	0.39	<1	0.2	0.8	9	<0.1	0.1	0.3	5	0.02	0.002	1.3	
IMA5526	Rock Pulp	5.7	18.5	7.7	11	0.4	11.1	5.7	83	1.13	4	7.4	20.9	39	<0.1	0.2	1.9	26	0.14	0.027	24.2	
IMA5527	Rock Pulp	0.6	74.7	18.8	90	<0.1	62.0	10.0	789	3.72	4	2.4	7.7	542	0.1	0.7	0.3	94	2.39	0.160	66.3	
IMA5528	Rock Pulp	3.7	19.4	21.4	74	<0.1	21.5	8.0	500	2.48	2	4.0	12.3	268	<0.1	0.5	0.6	62	1.02	0.101	45.3	
IMA5529	Rock Pulp	1.7	7.0	50.2	75	0.1	25.4	7.9	784	2.43	1	0.4	35.5	318	0.1	0.4	1.0	57	1.54	0.093	64.4	
IMA5530	Rock Pulp	0.6	6.8	29.2	55	<0.1	15.7	5.3	355	1.77	2	4.2	27.2	229	<0.1	0.3	0.7	39	0.77	0.056	60.7	
IMA5531	Rock Pulp	2.1	2.3	1.4	4	<0.1	2.3	0.5	16	0.22	<1	0.7	3.0	8	<0.1	0.2	<0.1	2	<0.01	0.002	4.5	
IMA5532	Rock Pulp	51.1	91.6	113.9	144	0.3	18.0	6.8	179	1.62	2	12.5	33.4	158	0.2	0.5	1.1	40	0.17	0.061	56.7	
IMA5533	Rock Pulp	0.6	44.8	26.0	71	<0.1	23.4	8.1	528	2.42	2	2.6	20.7	469	0.1	0.2	0.6	62	1.15	0.096	68.4	
IMA5534	Rock Pulp	6.6	17.7	18.2	17	<0.1	5.0	6.8	96	0.48	6	16.4	100.0	24	<0.1	0.1	0.1	11	0.23	0.018	158.1	
IMA5535	Rock Pulp	1.7	43.2	160.6	221	<0.1	4.1	5.2	51	0.43	3	28.7	198.5	22	1.2	<0.1	0.2	12	0.12	0.025	276.5	
IMA5536	Rock Pulp	15.8	41.0	778.5	210	0.5	22.7	63.1	86	1.45	38	568.2	>4000	54	1.4	0.2	2.4	27	0.36	0.385	>2000	
IMA5537	Rock Pulp	1.3	78.5	30.5	5	<0.1	4.3	5.0	72	0.37	5	35.2	203.8	18	<0.1	<0.1	0.3	6	0.13	0.022	211.4	
IMA5538	Rock Pulp	11.3	21.9	565.9	39	0.3	25.5	68.8	92	1.33	44	689.8	>4000	57	0.3	0.2	1.8	26	0.34	0.387	>2000	
IMA5539	Rock Pulp	16.4	36.8	939.5	910	0.5	24.2	69.4	85	1.39	36	636.5	>4000	72	6.5	0.1	1.3	25	0.64	0.387	>2000	
IMA5540	Rock Pulp	12.3	15.8	962.2	304	0.5	10.5	30.8	43	0.80	17	770.7	2721.3	35	2.2	0.2	3.4	15	0.18	0.225	>2000	
IMA5541	Rock Pulp	2.7	7.8	63.0	25	<0.1	3.7	5.9	43	0.50	3	69.8	253.5	25	<0.1	<0.1	0.2	7	0.12	0.038	517.1	
IMA5542	Rock Pulp	3.0	50.7	60.3	23	<0.1	6.8	4.9	107	0.65	1	78.0	413.5	23	0.2	0.2	0.1	6	0.20	0.045	476.1	
IMA5543	Rock Pulp	5.1	272.3	173.0	98	<0.1	5.5	5.2	131	0.60	2	105.0	587.7	26	0.6	<0.1	0.2	11	0.23	0.068	719.9	
IMA5544	Rock Pulp	3.8	38.4	326.4	146	0.2	10.5	20.2	159	1.11	10	362.3	1455.1	30	0.8	0.5	1.5	14	0.28	0.162	1691.4	

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



BUREAU VERITAS

MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **MacGregor, R.A.**
28 Ford St.
Sault Ste. Marie Ontario P6A 4N4 Canada

Project: None Given
Report Date: January 08, 2021

Page: 4 of 5 Part: 2 of 3

CERTIFICATE OF ANALYSIS

VAN20002913.1

Method	Analyte	Unit	MDL	MA200 Cr	MA200 Mg	MA200 Ba	MA200 Ti	MA200 Al	MA200 Na	MA200 K	MA200 W	MA200 Zr	MA200 Ce	MA200 Sn	MA200 Y	MA200 Nb	MA200 Ta	MA200 Be	MA200 Sc	MA200 Li	MA200 S	MA200 Rb	MA200 Hf
		ppm	%	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	0.01	1	0.001	0.01	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1	0.1	0.1	0.1
IMA5515	Rock Pulp	123	0.13	298	0.198	5.60	3.934	0.85	0.7	240.2	62	1.1	27.8	22.9	1.5	2	9	4.9	0.2	19.5	6.7		
IMA5516	Rock Pulp	66	0.06	288	0.186	5.84	3.465	1.43	0.9	191.5	16	1.1	9.6	21.3	1.6	<1	4	2.7	<0.1	22.9	6.3		
IMA5517	Rock Pulp	87	1.73	194	0.571	8.09	2.793	1.34	0.4	110.3	21	5.9	15.8	7.3	0.5	<1	17	16.0	<0.1	27.3	2.6		
IMA5518	Rock Pulp	92	0.13	127	0.133	5.73	4.316	0.45	0.2	214.0	74	5.4	13.3	15.8	1.0	1	9	2.2	<0.1	8.1	6.0		
IMA5519	Rock Pulp	113	0.12	106	0.175	5.67	4.182	0.46	0.8	166.1	49	2.1	22.0	20.8	1.3	2	8	2.6	<0.1	8.9	4.8		
IMA5520	Rock Pulp	96	0.70	205	0.137	5.10	1.794	1.68	0.8	185.9	42	4.5	13.5	17.7	1.0	2	8	7.0	<0.1	47.4	4.9		
IMA5521	Rock Pulp	109	0.49	325	0.103	5.15	1.469	1.64	2.0	221.4	75	9.9	14.2	14.7	0.9	2	9	5.6	<0.1	30.8	6.8		
IMA5522	Rock Pulp	100	0.27	260	0.100	4.69	2.424	1.26	2.0	203.9	45	5.1	9.5	14.2	1.0	1	8	2.7	<0.1	25.2	5.9		
IMA5523	Rock Pulp	196	0.57	316	0.062	3.91	0.560	1.90	1.3	144.9	53	12.9	5.7	8.5	0.5	2	7	6.8	<0.1	49.4	4.3		
IMA5524	Rock Pulp	103	0.30	300	0.070	2.30	1.237	1.55	0.7	68.0	26	0.5	4.5	3.0	0.2	2	2	13.9	0.3	45.5	1.9		
IMA5525	Rock Pulp	110	0.09	18	0.006	0.39	0.083	0.11	0.1	7.5	2	0.1	0.5	0.0	<0.1	<1	<1	10.5	<0.1	4.1	0.2		
IMA5526	Rock Pulp	96	0.30	192	0.085	3.26	1.671	1.85	0.0	137.4	44	0.7	7.6	7.1	0.3	2	2	11.2	0.5	56.7	3.0		
IMA5527	Rock Pulp	157	1.92	2346	0.364	7.23	3.327	4.78	1.0	186.2	128	1.6	18.2	9.3	0.5	7	9	11.4	<0.1	161.6	4.7		
IMA5528	Rock Pulp	82	1.05	2181	0.240	7.81	3.484	5.65	1.2	160.7	102	1.4	13.6	9.1	0.5	5	6	8.9	<0.1	210.7	4.2		
IMA5529	Rock Pulp	104	0.97	895	0.143	7.60	5.115	3.04	2.2	325.2	126	1.9	16.2	8.0	0.5	0	6	14.7	<0.1	132.1	9.7		
IMA5530	Rock Pulp	87	0.55	2060	0.215	6.65	3.722	3.50	1.3	314.6	115	1.6	14.2	15.4	0.8	8	4	12.8	<0.1	168.8	8.6		
IMA5531	Rock Pulp	55	0.02	62	0.009	0.51	0.085	0.55	0.2	15.4	4	<0.1	0.6	0.9	<0.1	<1	<1	1.2	<0.1	10.7	0.4		
IMA5532	Rock Pulp	97	0.54	812	0.118	5.37	2.706	3.30	1.7	281.3	101	1.2	9.7	8.0	0.4	3	3	11.8	<0.1	172.7	8.1		
IMA5533	Rock Pulp	91	0.81	1903	0.261	7.57	3.134	4.37	1.3	218.2	131	1.4	17.5	11.8	0.6	3	6	10.1	<0.1	181.9	5.8		
IMA5534	Rock Pulp	86	0.16	793	0.211	3.43	0.066	2.98	1.6	104.1	266	1.0	10.0	21.0	2.2	<1	2	2.8	<0.1	148.4	3.1		
IMA5535	Rock Pulp	53	0.09	707	0.131	3.20	0.061	4.09	2.1	76.9	406	0.3	18.5	14.1	1.4	<1	1	2.7	<0.1	154.2	2.2		
IMA5536	Rock Pulp	104	0.20	604	0.504	3.56	0.033	3.25	1.3	485.2	>2000	2.0	363.0	18.0	0.4	2	8	12.7	0.8	153.0	12.7		
IMA5537	Rock Pulp	61	0.11	661	0.106	3.00	0.046	2.70	0.0	111.4	372	1.0	16.8	11.2	1.3	<1	1	2.0	<0.1	126.0	3.2		
IMA5538	Rock Pulp	83	0.20	616	0.401	3.80	0.036	3.33	0.7	351.7	>2000	2.2	400.0	11.6	<0.1	3	7	11.0	0.6	160.8	8.8		
IMA5539	Rock Pulp	116	0.15	531	0.356	3.17	0.020	2.73	0.8	374.6	>2000	2.0	404.8	8.8	0.1	3	0	11.6	0.6	137.4	0.5		
IMA5540	Rock Pulp	95	0.12	675	0.300	3.27	0.036	3.51	1.2	221.1	>2000	2.4	211.5	42.1	4.7	2	3	0.7	0.4	141.8	0.6		
IMA5541	Rock Pulp	56	0.16	864	0.080	4.10	0.056	2.70	0.9	94.1	840	1.0	27.3	9.5	1.0	2	2	5.0	<0.1	124.4	2.6		
IMA5542	Rock Pulp	75	0.13	710	0.144	3.27	0.050	2.65	0.8	106.0	862	1.0	37.0	18.3	2.2	<1	1	3.4	0.1	128.2	3.0		
IMA5543	Rock Pulp	85	0.13	737	0.198	3.40	0.056	4.24	0.7	144.1	1241	1.2	53.1	20.6	2.2	<1	2	3.6	0.1	174.4	4.0		
IMA5544	Rock Pulp	127	0.15	646	0.288	3.07	0.046	3.74	1.0	209.6	>2000	1.6	128.7	31.0	3.6	1	3	4.2	0.5	157.8	5.7		

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



BUREAU VERITAS MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client: **MacGregor, R.A.**
28 Ford St.
Sault Ste. Marie Ontario P6A 4N4 Canada

Project: None Given
Report Date: January 08, 2021

Page: 4 of 5

Part: 3 of 3

CERTIFICATE OF ANALYSIS

VAN20002913.1

Method	MA200	MA200	MA200	MA200	MA200	
Analyte	In	Re	Se	Te	Tl	
Unit	ppm	ppm	ppm	ppm	ppm	
MDL	0.05	0.005	1	0.5	0.5	
IMA5515	Rock Pulp	<0.05	<0.005	<1	<0.5	<0.5
IMA5516	Rock Pulp	<0.05	<0.005	<1	<0.5	<0.5
IMA5517	Rock Pulp	0.18	<0.005	<1	<0.5	<0.5
IMA5518	Rock Pulp	0.10	<0.005	<1	<0.5	<0.5
IMA5519	Rock Pulp	0.06	<0.005	<1	<0.5	<0.5
IMA5520	Rock Pulp	0.11	<0.005	<1	<0.5	<0.5
IMA5521	Rock Pulp	0.21	<0.005	<1	<0.5	<0.5
IMA5522	Rock Pulp	<0.05	<0.005	<1	<0.5	<0.5
IMA5523	Rock Pulp	0.11	<0.005	<1	<0.5	<0.5
IMA5524	Rock Pulp	<0.05	<0.005	<1	<0.5	<0.5
IMA5525	Rock Pulp	<0.05	<0.005	<1	<0.5	<0.5
IMA5526	Rock Pulp	<0.05	0.008	<1	<0.5	<0.5
IMA5527	Rock Pulp	<0.05	<0.005	<1	<0.5	1.1
IMA5528	Rock Pulp	<0.05	<0.005	<1	<0.5	1.3
IMA5529	Rock Pulp	<0.05	<0.005	<1	<0.5	1.0
IMA5530	Rock Pulp	<0.05	<0.005	<1	<0.5	1.1
IMA5531	Rock Pulp	<0.05	<0.005	<1	<0.5	<0.5
IMA5532	Rock Pulp	<0.05	<0.005	<1	<0.5	1.2
IMA5533	Rock Pulp	<0.05	<0.005	<1	<0.5	1.1
IMA5534	Rock Pulp	<0.05	<0.005	<1	<0.5	0.9
IMA5535	Rock Pulp	<0.05	<0.005	<1	<0.5	0.7
IMA5536	Rock Pulp	<0.05	<0.005	<1	<0.5	0.8
IMA5537	Rock Pulp	<0.05	<0.005	<1	<0.5	0.9
IMA5538	Rock Pulp	0.05	<0.005	2	<0.5	0.7
IMA5539	Rock Pulp	0.00	<0.005	<1	<0.5	0.7
IMA5540	Rock Pulp	<0.05	<0.005	<1	<0.5	0.8
IMA5541	Rock Pulp	<0.05	<0.005	<1	<0.5	0.8
IMA5542	Rock Pulp	<0.05	<0.005	<1	<0.5	0.9
IMA5543	Rock Pulp	<0.05	<0.005	<1	<0.5	0.8
IMA5544	Rock Pulp	<0.05	<0.005	<1	<0.5	0.8

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



BUREAU VERITAS MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

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

Client: **MacGregor, R.A.**
28 Ford St.
Sault Ste. Marie Ontario P6A 4N4 Canada

Project: None Given
Report Date: January 08, 2021

Page: 1 of 1

Part: 1 of 3

QUALITY CONTROL REPORT

VAN20002913.1

Method	Analyte	Unit	MDL	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200		
				Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
				0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.001	0.1
Pulp Duplicates																							
IMA5469	Rock Pulp			2.0	3.6	3.6	39	<0.1	8.9	5.6	592	2.68	<1	1.4	7.4	132	0.2	0.1	<0.1	14	2.99	0.008	37.2
REP IMA5469	QC			2.5	3.9	3.6	38	<0.1	8.3	5.5	577	2.61	<1	1.5	7.5	131	<0.1	<0.1	<0.1	14	3.00	0.008	39.6
IMA5505	Rock Pulp			1.3	94.1	40.0	21	0.4	8.9	3.4	371	0.81	<1	2.3	6.9	750	<0.1	<0.1	1.3	24	3.70	0.053	363.8
REP IMA5505	QC			1.3	94.6	39.2	22	0.4	9.0	3.3	377	0.81	<1	2.4	6.9	731	<0.1	0.1	1.4	23	3.77	0.044	384.4
IMA5537	Rock Pulp			1.3	78.5	30.5	5	<0.1	4.3	5.0	72	0.37	5	35.2	203.8	18	<0.1	<0.1	0.3	6	0.13	0.022	211.4
REP IMA5537	QC			1.2	76.5	30.4	4	0.1	4.2	4.7	70	0.38	4	31.4	191.4	17	<0.1	<0.1	0.2	6	0.13	0.019	210.2
Reference Materials																							
STD OREAS25A-4A	Standard			2.2	32.7	26.2	49	<0.1	48.7	7.5	484	6.37	9	3.1	14.5	45	<0.1	0.6	0.3	157	0.28	0.046	22.0
STD OREAS25A-4A	Standard			2.3	31.6	23.9	40	<0.1	46.5	8.0	488	6.46	9	2.5	15.7	43	<0.1	0.6	0.3	160	0.28	0.050	20.7
STD OREAS25A-4A	Standard			2.4	33.8	27.7	50	<0.1	44.4	7.9	492	6.45	10	3.0	15.4	50	<0.1	0.6	0.4	163	0.27	0.050	22.7
STD OREAS25A-4A	Standard			2.4	34.0	25.4	47	<0.1	46.8	8.2	506	6.57	10	2.9	17.5	47	<0.1	0.6	0.4	164	0.31	0.048	23.9
STD OREAS25A-4A	Standard			2.2	33.3	25.6	43	<0.1	46.6	7.9	502	6.54	9	2.9	15.7	45	<0.1	0.6	0.4	149	0.29	0.051	22.2
STD OREAS45H	Standard			1.6	794.8	13.5	47	0.1	428.8	89.1	396	19.85	18	1.8	7.3	29	<0.1	0.7	0.2	271	0.13	0.024	13.2
STD OREAS45H	Standard			1.3	775.2	13.0	38	<0.1	442.3	90.6	399	20.22	16	1.6	8.6	28	<0.1	0.7	0.1	269	0.14	0.021	13.9
STD OREAS45H	Standard			1.3	793.3	13.3	44	0.1	464.1	91.7	433	19.54	20	2.1	8.4	31	<0.1	0.6	0.3	299	0.14	0.026	14.9
STD OREAS45H	Standard			1.6	785.6	12.5	43	0.1	461.5	96.6	407	20.24	18	1.8	9.1	31	<0.1	0.6	0.2	282	0.14	0.021	14.9
STD OREAS45H	Standard			1.3	782.7	13.0	43	0.1	455.7	91.2	425	20.38	17	1.8	7.4	29	0.2	0.7	0.3	283	0.14	0.024	14.7
STD OREAS25A-4A Expected				2.41	33.9	25.2	44.4		45.8	7.7	480	6.6	9.94	2.94	15.8	48.5		0.65	0.37	157	0.301	0.048	21.6
STD OREAS45H Expected				1.55	767	12.2	39.7	0.147	451	92	405	20.4	16.9	1.68	7.6	28		0.63	0.17	275	0.135	0.023	13.3
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.001	<0.1
BLK	Blank			<0.1	0.2	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.001	<0.1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.001	<0.1
BLK	Blank			<0.1	0.2	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.001	<0.1
BLK	Blank			<0.1	0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	0.2	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.001	<0.1



BUREAU VERITAS MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

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

Client: **MacGregor, R.A.**
28 Ford St.
Sault Ste. Marie Ontario P6A 4N4 Canada

Project: None Given
Report Date: January 08, 2021

Page: 1 of 1

Part: 2 of 3

QUALITY CONTROL REPORT

VAN20002913.1

Method	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	
Analyte	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li	S	Rb	Hf	
Unit	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	
MDL	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1	0.1	0.1	0.1	
Pulp Duplicates																					
IMA5469	Rock Pulp	104	0.72	331	0.153	5.76	2.940	1.47	1.4	217.3	78	2.2	18.1	16.9	1.3	1	7	13.3	<0.1	35.3	6.4
REP IMA5469	QC	103	0.70	314	0.162	5.83	2.944	1.52	1.4	214.9	84	2.1	17.8	17.4	1.4	1	7	13.3	<0.1	35.2	6.8
IMA5505	Rock Pulp	113	0.38	600	0.060	1.56	1.015	0.35	1.3	42.7	418	0.7	9.4	3.1	0.1	3	2	15.7	<0.1	31.3	0.9
REP IMA5505	QC	123	0.40	487	0.060	1.55	0.992	0.34	1.3	43.4	430	0.6	10.1	3.0	0.1	3	2	16.2	<0.1	31.7	1.1
IMA5537	Rock Pulp	64	0.11	661	0.106	3.00	0.046	2.79	0.9	111.4	372	1.0	16.8	11.2	1.3	<1	1	2.0	<0.1	126.8	3.2
REP IMA5537	QC	65	0.10	686	0.109	2.95	0.045	2.51	0.7	106.8	381	0.8	17.5	11.6	1.1	<1	1	1.8	<0.1	110.4	2.8
Reference Materials																					
STD OREAS25A-4A	Standard	120	0.35	149	0.857	8.70	0.120	0.51	1.6	142.4	48	4.0	9.4	17.9	1.4	<1	13	38.9	<0.1	59.7	3.9
STD OREAS25A-4A	Standard	127	0.38	140	0.882	9.00	0.129	0.49	1.6	137.7	46	3.8	9.1	17.9	1.3	1	14	36.6	<0.1	51.6	3.9
STD OREAS25A-4A	Standard	121	0.34	152	0.931	8.75	0.137	0.53	1.9	154.7	47	4.6	9.8	20.6	1.4	<1	13	40.3	<0.1	59.8	4.1
STD OREAS25A-4A	Standard	125	0.29	151	0.932	9.17	0.126	0.48	1.7	139.2	50	4.1	10.4	19.7	1.4	<1	13	36.5	<0.1	60.0	3.8
STD OREAS25A-4A	Standard	113	0.33	164	0.897	8.98	0.120	0.52	1.6	143.6	46	3.7	9.4	18.1	1.2	<1	11	34.1	<0.1	59.8	4.0
STD OREAS45H	Standard	643	0.27	346	0.845	8.10	0.089	0.23	0.9	131.1	25	2.1	10.1	14.0	1.0	<1	57	12.8	<0.1	23.8	3.3
STD OREAS45H	Standard	733	0.30	340	0.832	8.14	0.092	0.21	0.9	125.1	26	2.1	10.9	13.7	1.0	1	65	13.4	<0.1	22.0	3.4
STD OREAS45H	Standard	655	0.27	352	0.927	8.32	0.102	0.25	0.8	140.8	28	2.4	10.9	14.6	1.1	<1	60	14.0	<0.1	23.5	3.7
STD OREAS45H	Standard	695	0.21	378	0.892	8.00	0.086	0.20	1.0	125.8	30	2.3	10.7	14.7	1.0	1	61	14.4	<0.1	24.4	3.8
STD OREAS45H	Standard	664	0.28	390	0.886	8.19	0.099	0.23	0.9	120.7	25	2.1	9.3	13.3	1.0	<1	60	13.9	<0.1	23.4	3.4
STD OREAS25A-4A Expected		115	0.327	147	0.93	8.87	0.131	0.482	2	155	47.3	4.06	10.5	20.9	1.4	0.93	13.7	36.7	0.047	61	4.14
STD OREAS45H Expected		660	0.2575	342	0.878	8.2	0.09	0.215	0.9	126	24.3	1.93	10.4	13.8	1	1.09	59	13.9		22.5	3.42
BLK	Blank	<1	<0.01	<1	<0.001	<0.01	0.003	<0.01	<0.1	0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1	<0.1	<0.1	
BLK	Blank	<1	<0.01	<1	0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	0.2	<0.1	<0.1	
BLK	Blank	2	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1	<0.1	<0.1	
BLK	Blank	1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1	<0.1	<0.1	
BLK	Blank	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1	<0.1	<0.1	



**BUREAU
VERITAS**

MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client: **MacGregor, R.A.**
28 Ford St.
Sault Ste. Marie Ontario P6A 4N4 Canada

Project: None Given
Report Date: January 08, 2021

Page: 1 of 1

Part: 3 of 3

QUALITY CONTROL REPORT

VAN20002913.1

Method Analyte Unit MDL		MA200	MA200	MA200	MA200	MA200
		In	Re	Se	Te	Tl
		ppm	ppm	ppm	ppm	ppm
		0.05	0.005	1	0.5	0.5
Pulp Duplicates						
IMA5469	Rock Pulp	<0.05	0.006	<1	0.7	<0.5
REP IMA5469	QC	<0.05	0.005	<1	0.6	<0.5
IMA5505	Rock Pulp	<0.05	0.005	<1	0.9	<0.5
REP IMA5505	QC	<0.05	0.005	<1	1.6	<0.5
IMA5537	Rock Pulp	<0.05	<0.005	<1	<0.5	0.9
REP IMA5537	QC	<0.05	<0.005	<1	<0.5	0.7
Reference Materials						
STD OREAS25A-4A	Standard	0.09	<0.005	3	<0.5	<0.5
STD OREAS25A-4A	Standard	0.11	<0.005	2	<0.5	<0.5
STD OREAS25A-4A	Standard	0.09	<0.005	3	<0.5	<0.5
STD OREAS25A-4A	Standard	0.08	<0.005	3	<0.5	<0.5
STD OREAS25A-4A	Standard	0.08	<0.005	2	<0.5	<0.5
STD OREAS45H	Standard	0.10	<0.005	3	<0.5	<0.5
STD OREAS45H	Standard	0.09	<0.005	2	<0.5	<0.5
STD OREAS45H	Standard	0.14	<0.005	2	<0.5	<0.5
STD OREAS45H	Standard	0.11	<0.005	2	<0.5	<0.5
STD OREAS45H	Standard	0.09	<0.005	2	<0.5	<0.5
STD OREAS25A-4A Expected		0.09		2.4		0.35
STD OREAS45H Expected		0.1		2.02		
BLK	Blank	<0.05	<0.005	<1	<0.5	<0.5
BLK	Blank	<0.05	<0.005	<1	<0.5	<0.5
BLK	Blank	<0.05	<0.005	<1	<0.5	<0.5
BLK	Blank	<0.05	<0.005	<1	<0.5	<0.5
BLK	Blank	<0.05	<0.005	<1	<0.5	<0.5



Established 1928

Swastika Laboratories Ltd

Assaying - Consulting - Representation

Page 1 of 3

Assay Certificate

Certificate Number: 20-3729

Company: **Skead Holdings Ltd.**

Project: _____ Report Date: 23-Nov-20

Attn: Robert MacGregor

We hereby certify the following Assay of 71 rock/grab samples submitted 19-Nov-20 by Robert MacGregor

Sample Number	SCREEN
903708	NONE
903709	---
903710	
903711	
903712	
903713	
903714	
903715	
903716	
903717	
903718	
903719	
903720	
903721	
903722	
903723	
905718	
905719	
905720	
905721	
905722	
905723	
905724	
905725	
905726	

Certified by 
Valid Abu Ammar



Established 1928

Swastika Laboratories Ltd

Assaying - Consulting - Representation

Page 2 of 3

Assay Certificate

Certificate Number: 20-3729

Company: **Skead Holdings Ltd.**

Project: Report Date: 23-Nov-20

Attn: Robert MacGregor

We hereby certify the following Assay of 71 rock/grab samples submitted 19-Nov-20 by Robert MacGregor

Sample Number	SCREEN
	NONE

905727
 905728
 905729
 905730
 905731

905732
 905733
 905734
 735
 905736

905743
 905744
 905745
 905746
 905747

905748
 905749
 905750
 905777
 905778

905779
 905780
 905781
 905782
 905783

Certified by

Valid Abu Ammar



Established 1928

Swastika Laboratories Ltd

Assaying - Consulting - Representation

Page 3 of 3

Assay Certificate

Certificate Number: 20-3729

Company: **Skead Holdings Ltd.**

Project: Report Date: 23-Nov-20

Attn: Robert MacGregor

We hereby certify the following Assay of 71 rock/grab samples submitted 19-Nov-20 by Robert MacGregor

Sample Number	SCREEN
	NONE

905784	
905785	
905786	
905787	
905788	
905789	
905790	
905791	
905792	
905793	
905794	
905795	
905796	
905797	
905798	
905799	
905800	
128880	
128881	
128927	
128928	

Certified by 
Valid Abu Ammar