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South Allely Lake Fe-Ti-V Project

Report on Prospecting

Mining Claims 569684, 569685, 575583.

Allely Lake Area, Thunder Bay Mining Division

Ryan A. Hrkac HBSoc. Geology

December 22, 2021

Summary

A preliminary prospecting trip was undertaken by the author on June 13, 2021. The aim of the trip was to confirm the presence of Fe-Ti-V mineralization, and to assess access for a larger exploration program in the future.

The program was a success. Although small in scope, the prospecting confirmed the presence of elevated Ti and V in a magnetite bearing diorite to gabbro-diorite intrusion. 8 grab samples were taken from the roadside along a tertiary logging road. Titanium and vanadium mineralization was found to strongly correlate with iron content of the rock.

Although the results were lower than anticipated, a larger exploration program is warranted to assess the potential for a large tonnage, low grade deposit amenable to open pit mining.

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CERTIFICATE OF ANALYSIS - Attached

1.0 Introduction

On June 13, 2021 the author visited mining claims 569684, 569685, 575583 in the Allely Lake Area, Thunder Bay Mining Division. The objective of the trip was to confirm and assess the Fe-Ti-V potential of a large layered gabbroic intrusion discovered by OGS geologists in 2019.

- *From the OGS Recommendations for Exploration 2019-2020*

“An area near the western limit of the Roaring River Complex near Allely Lake was recently recommended for Fe-Ti-V oxide exploration by the Ontario Geological Survey Resident Geologist Program (Puumala and Campbell 2019). This recommendation was based on a combination of favourable lake sediment survey data, aeromagnetic features and geochronology. During the 2019 field season, personnel from the Thunder Bay Resident Geologist Program office completed a geological reconnaissance program in the Allely Lake area. The purpose of this work was to collect additional information about the geology and geochemistry of this area in order to further establish its Fe-Ti-V oxide mineralization potential.”

2.0 Property Description, Location, and Access

2.1 Description

Mining claims 569684 (grid cell 52G09E376), 569685 (grid cell 52G09E396), and 575583 (grid cell 52G09D016) are jointly held by (50) Ryan A. Hrkac and (50) DH Exploration inc. They are located in the Allely Lake Area of the Thunder Bay Mining District.

2.2 Location

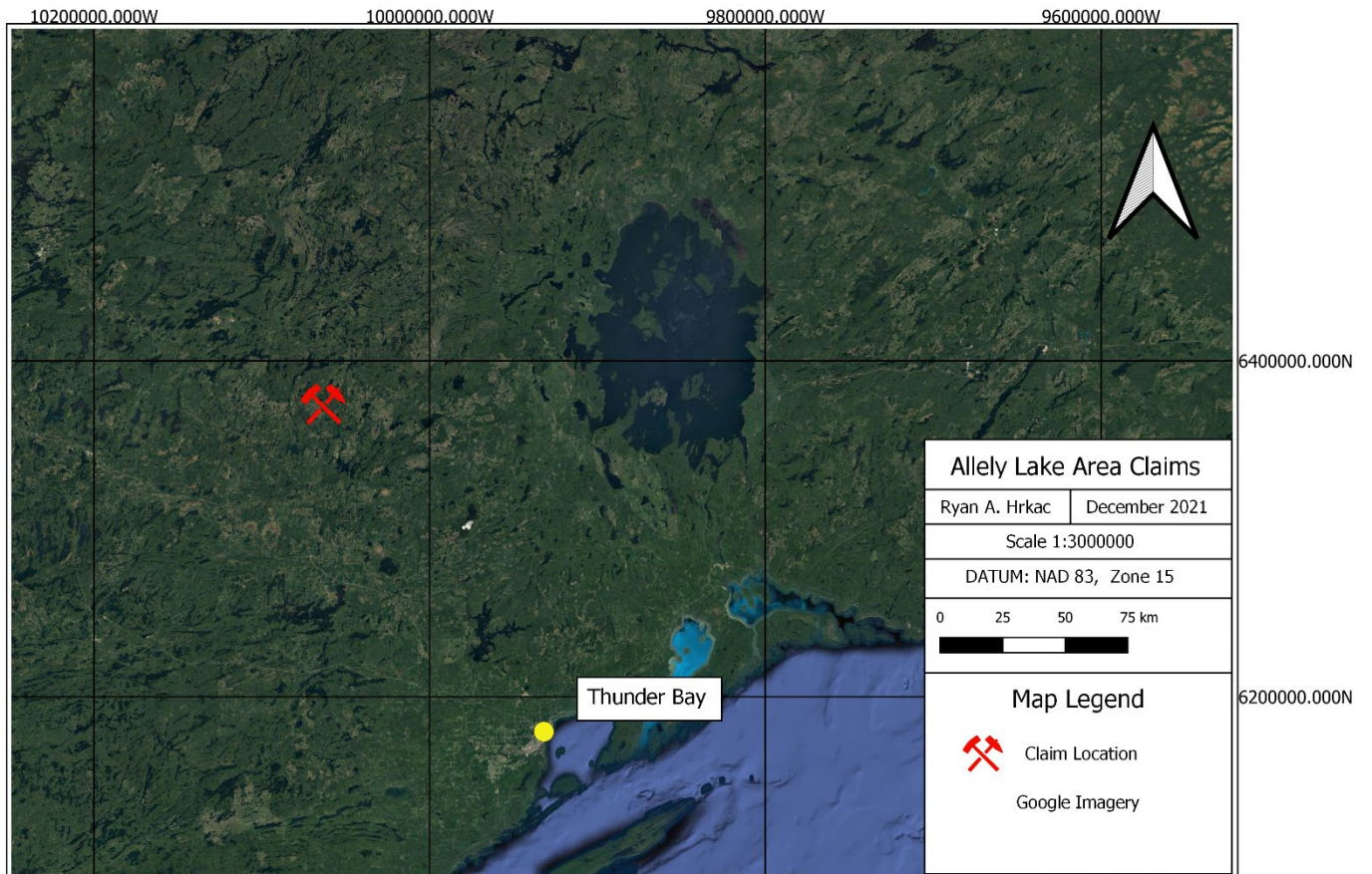


Figure 1 – Location of Allely Lake Area Claims

2.3 Access

Starting from Upsala Ontario

- Travel west on Hwy 17 for ~15km to Graham Road.
- Turn north on Graham Road and drive 69km to Moberly Road
- Turn west on Moberly Road and drive ~3km
- Turn south onto a tertiary logging road which transects the claim group

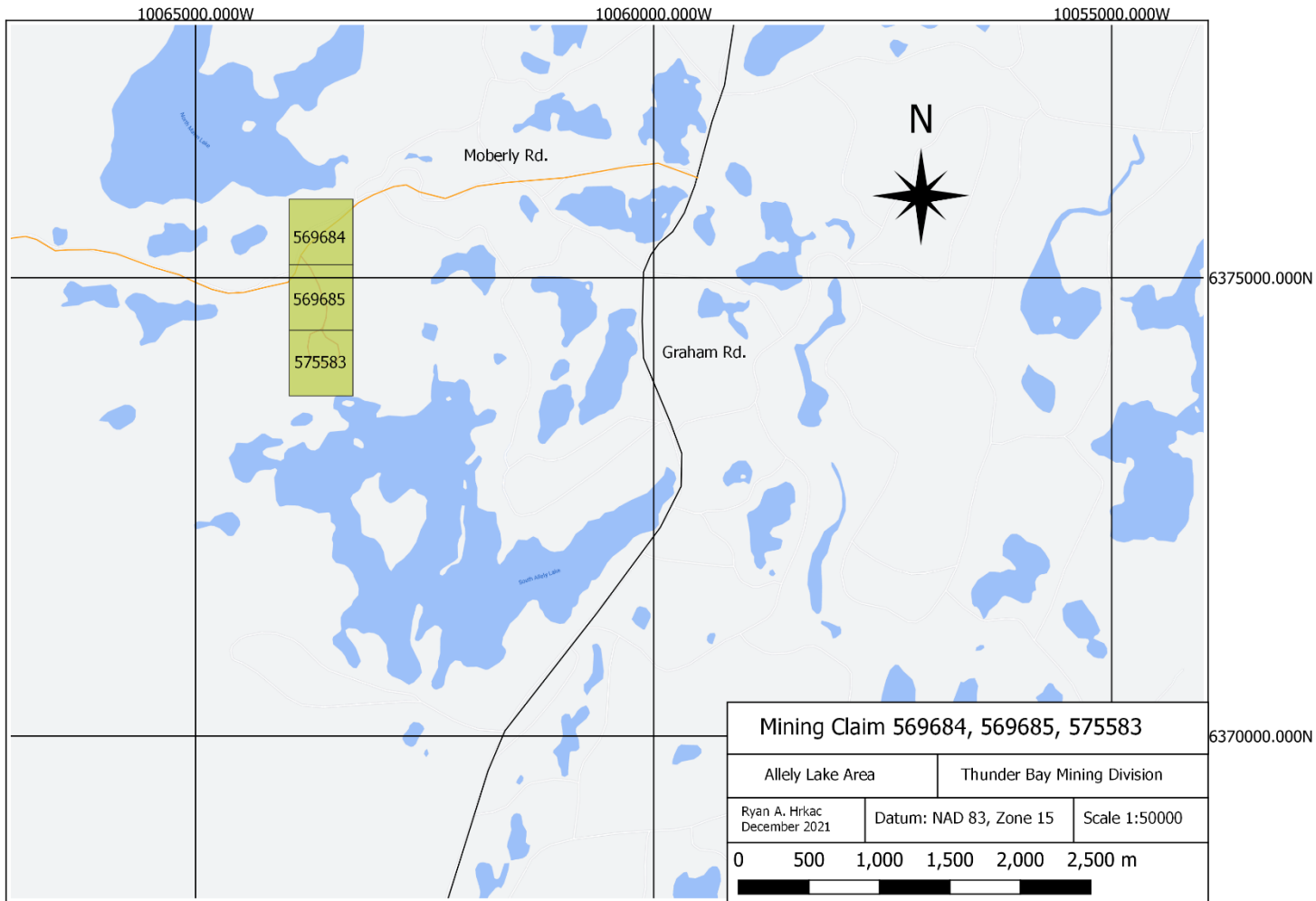


Figure 2 – Property Access

3.0 Summer 2021 Prospecting and Results

On June 13 the author drove to the claim group from Thunder Bay, Ontario. A quick roadside traverse along the tertiary logging road was completed before driving back to Thunder Bay. The aim was to assess access for further exploration work, and to

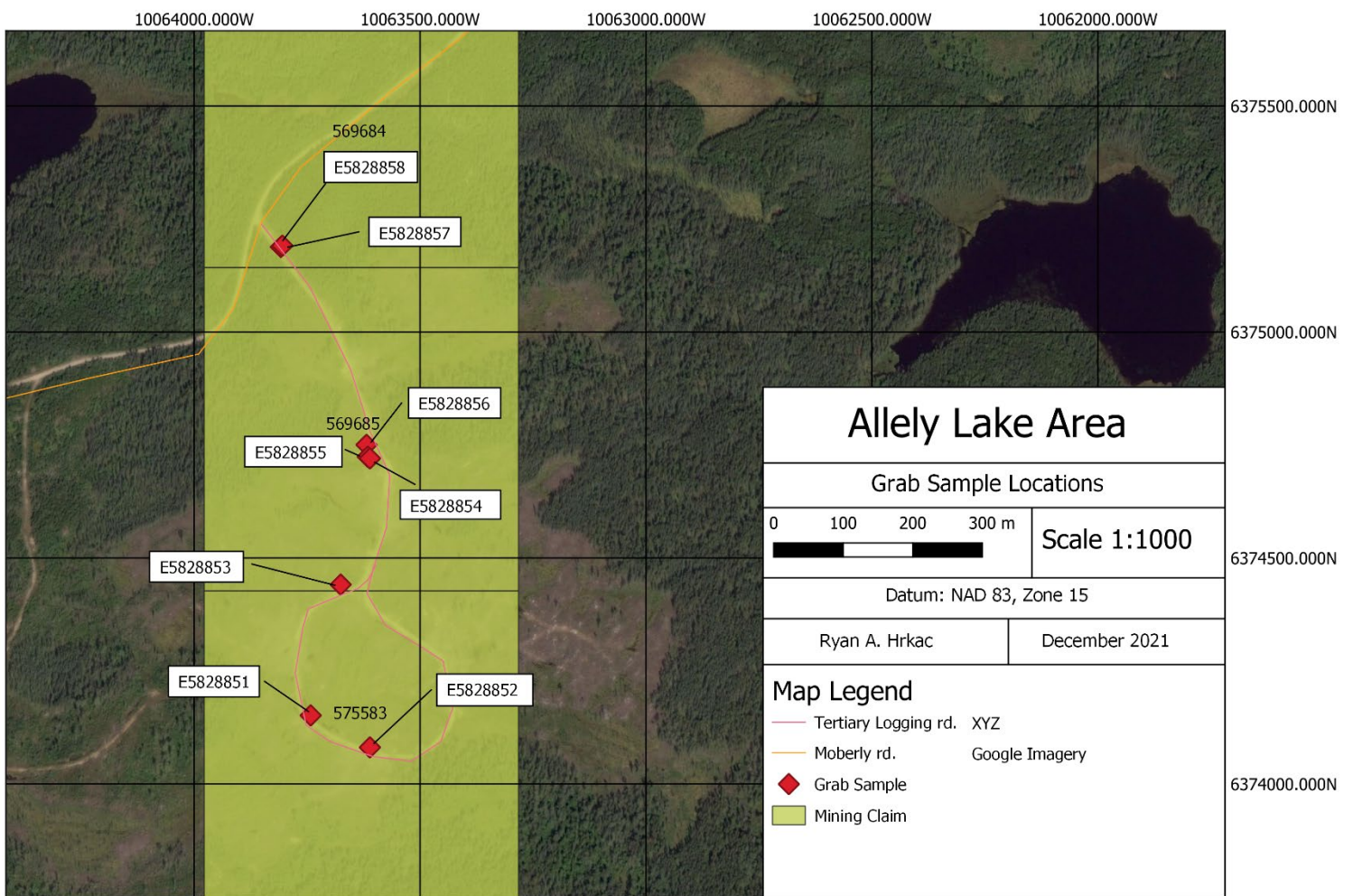


Figure 3 – Grab sample locations.

confirm the presence of Fe-Ti-V mineralization. 8 grab samples were taken from the roadside. All outcrops that were encountered consisted of coarse grained to pegmatitic intrusive phases of variable composition ranging from diorite to gabbro-diorite. The intrusive body was cut by quartz-feldspar-hornblende pegmatite dykes up to 1m wide, as well as a couple 10-15cm wide black aphanitic dykes.

x	y	id	Description	Fe %	Ti %	V ppm
49.58173	-90.4041	E5828851	cgr to vcgr gabbrodiorite highly magnetic	8.4	0.74	103
49.58132	-90.403	E5828852	cgr to vcgr gabbrodiorite highly magnetic	6.85	0.75	114
49.58337	-90.4063	E5828853	cgr to vcgr gabbrodiorite highly magnetic	8.71	0.61	30
49.58506	-90.403	E5828854	pegmatitic diorite	4.43	0.23	89
49.58507	-90.403	E5828855	mgr to cgr gabbro (OGS outcrop)	11.4	1.24	369
49.58521	-90.403	E5828856	pegmatitic diorite	4.4	0.6	134
49.58772	-90.4047	E5828857	black aphanitic dyke, highly magnetic, trace sulfide vfg	11	1.32	382
49.58773	-90.4047	E5828858	mg diorite	1.65	0.14	25
49.58507	-90.403	ogs	OGS occurrence	21.82	2.9	708

Figure 4 – Grab sample description, results, location.

4.0 Cost Summary

Expense	Units	CAD	Total
Project Geologist - Field Day	1	700	700
Project Geologist - Report Writing	1	700	700
Truck Kilometers (fuel included)	458	0.65	297.7
Lab Analysis - Grab Samples	8		723.65
Total			2421.35

A total of \$2421.35 was spent on the claim group during the preliminary prospecting trip and report writing.

5.0 Conclusions and Recommendations

It was confirmed that the magnetite rich diorite to gabbro-diorite suite contains elevated Ti-V values. Although the results were lower than anticipated, it is clear that the iron content and Ti-V mineralization are directly associated with each other. The surrounding area should be prospected to evaluate the extent of mineralization. As mineralization appears to be directly associated with iron content, a magnetic survey of the area would likely reveal high priority targets. The large size and proximity to the surface of the intrusion are positive attributes for a potential open pit style mining operation.

References

Puumala, M.A. 2020. Fe-Ti-V Potential in the Roaring River Complex near Allely Lake; in Ontario Geological Survey, Resident Geologist Program, Recommendations for Exploration 2019–2020, p.59-63.

Puumala, M.A. and Campbell, D.A. 2019. Fe-Ti-V and PGE-Cu-Ni Potential in the Roaring River Complex; in Ontario Geological Survey, Resident Geologist Program, Recommendations for Exploration 2018-2019, p.27-31.



CLIENT NAME: MISC AGAT CLIENT ON, ON
ATTENTION TO: Ryan Hrkac
PROJECT:
AGAT WORK ORDER: 21B763058
SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician
DATE REPORTED: Oct 25, 2021
PAGES (INCLUDING COVER): 13

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

Disclaimer:

- All work conducted herein has been done using accepted standard protocols, and generally accepted practices and methods. AGAT test methods may incorporate modifications from the specified reference methods to improve performance.
- All samples will be disposed of within 90 days following analysis, unless expressly agreed otherwise in writing. Please contact your Client Project Manager if you require additional sample storage time.
- AGAT's liability in connection with any delay, performance or non-performance of these services is only to the Client and does not extend to any other third party. Unless expressly agreed otherwise in writing, AGAT's liability is limited to the actual cost of the specific analysis or analyses included in the services.
- This Certificate shall not be reproduced except in full, without the written approval of the laboratory.
- The test results reported herewith relate only to the samples as received by the laboratory.
- Measurement Uncertainty is not taken into consideration when stating conformity with a specified requirement.
- Application of guidelines is provided "as is" without warranty of any kind, either expressed or implied, including, but not limited to, warranties of merchantability, fitness for a particular purpose, or non-infringement. AGAT assumes no responsibility for any errors or omissions in the guidelines contained in this document.
- All reportable information as specified by ISO/IEC 17025:2017 is available from AGAT Laboratories upon request.



Certificate of Analysis

AGAT WORK ORDER: 21B763058

PROJECT:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Ryan Hrkac

(200-) Sample Login Weight

DATE SAMPLED: Jun 17, 2021	DATE RECEIVED: Jun 18, 2021	DATE REPORTED: Oct 25, 2021	SAMPLE TYPE: Rock
----------------------------	-----------------------------	-----------------------------	-------------------

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.005
E5828851 (2625557)		1.63
E5828852 (2625558)		1.40
E5828853 (2625559)		0.63
E5828854 (2625560)		1.13
E5828855 (2625561)		1.11
E5828856 (2625562)		1.38
E5828857 (2625563)		0.78
E5828858 (2625564)		1.26

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1046 Gorham St, Thunder Bay, ON (unless marked by *)

Insufficient Sample : IS

Sample Not Received : SNR

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 21B763058

PROJECT:

5623 McADAM ROAD
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TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Ryan Hrkac

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jun 17, 2021

DATE RECEIVED: Jun 18, 2021

DATE REPORTED: Oct 25, 2021

SAMPLE TYPE: Rock

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
Sample ID (AGAT ID)														
E5828851 (2625557)	<1	8.53	<5	<20	226	<5	<0.1	4.19	<0.2	39.5	17.2	0.028	0.4	19
E5828852 (2625558)	<1	8.31	<5	<20	240	<5	<0.1	4.50	<0.2	50.1	17.8	0.021	0.4	39
E5828853 (2625559)	<1	8.36	<5	<20	272	<5	<0.1	4.27	0.2	30.6	8.8	0.020	0.3	8
E5828854 (2625560)	<1	11.4	<5	<20	256	<5	<0.1	4.98	<0.2	25.7	13.9	0.016	0.5	21
E5828855 (2625561)	<1	8.57	<5	<20	215	<5	<0.1	5.25	<0.2	38.4	34.3	0.016	0.7	30
E5828856 (2625562)	<1	9.66	<5	<20	249	<5	<0.1	5.89	<0.2	24.4	18.4	0.016	0.8	45
E5828857 (2625563)	<1	6.46	<5	<20	639	<5	<0.1	5.67	<0.2	57.0	45.5	0.018	1.2	52
E5828858 (2625564)	<1	8.27	<5	<20	199	<5	<0.1	2.47	<0.2	15.9	4.7	0.027	2.7	<5

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
Sample ID (AGAT ID)														
E5828851 (2625557)	3.32	1.86	2.20	8.40	24.8	4.12	1	15	0.71	<0.2	0.49	17.8	<10	0.33
E5828852 (2625558)	3.31	2.14	1.77	6.85	22.0	4.06	1	11	0.69	<0.2	0.54	22.9	<10	0.37
E5828853 (2625559)	3.49	2.44	3.14	8.71	23.8	4.37	1	24	0.83	<0.2	0.38	13.2	<10	0.48
E5828854 (2625560)	1.42	0.81	1.47	4.43	27.7	1.91	1	1	0.29	<0.2	0.37	15.0	<10	0.11
E5828855 (2625561)	4.09	2.32	1.62	11.4	26.0	5.02	2	2	0.87	<0.2	0.53	16.3	14	0.31
E5828856 (2625562)	2.21	1.33	0.95	4.40	20.4	3.09	1	1	0.48	<0.2	1.07	10.7	<10	0.15
E5828857 (2625563)	6.33	3.64	1.94	11.0	20.1	6.86	2	5	1.32	<0.2	1.38	27.8	16	0.52
E5828858 (2625564)	1.85	1.03	0.50	1.65	21.7	2.00	1	3	0.34	<0.2	0.42	8.1	10	0.14

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
Sample ID (AGAT ID)														
E5828851 (2625557)	0.87	1190	<2	5	21.2	<5	0.12	6	4.94	8.4	0.04	<0.1	17	28.8
E5828852 (2625558)	1.19	1160	<2	12	26.2	<5	0.13	7	6.31	11.2	0.12	<0.1	20	28.8
E5828853 (2625559)	0.45	1570	<2	9	18.8	<5	0.08	<5	4.29	4.4	0.02	<0.1	19	29.5
E5828854 (2625560)	0.92	582	<2	1	11.9	7	0.02	8	3.05	8.7	0.06	<0.1	9	28.6
E5828855 (2625561)	1.97	1550	<2	7	23.4	26	0.16	<5	5.31	13.2	0.21	<0.1	34	24.9
E5828856 (2625562)	1.75	786	<2	5	13.8	21	0.12	<5	3.23	42.7	0.06	<0.1	28	28.9
E5828857 (2625563)	2.53	1430	<2	20	29.6	28	0.12	9	7.18	49.2	0.14	<0.1	35	25.3
E5828858 (2625564)	0.38	252	<2	21	7.5	<5	0.03	13	1.95	40.4	<0.01	<0.1	<5	35.3

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 21B763058

PROJECT:

5623 McADAM ROAD
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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Ryan Hrkac

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jun 17, 2021

DATE RECEIVED: Jun 18, 2021

DATE REPORTED: Oct 25, 2021

SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
	Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
E5828851 (2625557)		4.5	<1	415	<0.5	0.56	0.4	0.74	<0.5	0.31	0.48	103	1	17.1	2.0
E5828852 (2625558)		4.3	<1	374	0.5	0.58	0.5	0.75	<0.5	0.28	0.68	114	<1	18.1	2.0
E5828853 (2625559)		3.9	<1	477	<0.5	0.63	0.5	0.61	<0.5	0.39	0.87	30	<1	19.2	2.8
E5828854 (2625560)		2.0	<1	717	<0.5	0.28	0.6	0.23	<0.5	0.11	0.23	89	<1	7.6	0.8
E5828855 (2625561)		5.1	<1	464	<0.5	0.76	0.5	1.24	<0.5	0.33	0.23	369	<1	20.9	2.0
E5828856 (2625562)		2.8	<1	430	<0.5	0.43	0.6	0.60	<0.5	0.17	0.12	134	<1	11.5	1.0
E5828857 (2625563)		6.2	<1	208	1.1	1.05	4.6	1.32	<0.5	0.54	0.66	382	<1	30.8	3.5
E5828858 (2625564)		2.0	<1	526	2.8	0.30	5.4	0.14	<0.5	0.14	5.98	25	<1	9.3	1.1

Sample ID (AGAT ID)	Analyte:	Zn	Zr
	Unit:	ppm	ppm
	RDL:	5	0.5
E5828851 (2625557)		123	716
E5828852 (2625558)		99	530
E5828853 (2625559)		160	1230
E5828854 (2625560)		65	41.8
E5828855 (2625561)		140	66.7
E5828856 (2625562)		53	33.1
E5828857 (2625563)		161	178
E5828858 (2625564)		25	89.2

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)

Insufficient Sample : IS

Sample Not Received : SNR

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 21B763058

PROJECT:

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Ryan Hrkac

(202-555) Fire Assay - Au, Pt, Pd Trace Levels, ICP-OES finish (50g charge)

DATE SAMPLED: Jun 17, 2021	DATE RECEIVED: Jun 18, 2021	DATE REPORTED: Oct 25, 2021	SAMPLE TYPE: Rock
Analyte:	Au	Pd	Pt
Unit:	ppm	ppm	ppm
RDL:	0.001	0.001	0.005
Sample ID (AGAT ID)			
E5828851 (2625557)	0.002	<0.001	<0.005
E5828852 (2625558)	<0.001	<0.001	<0.005
E5828853 (2625559)	<0.001	<0.001	<0.005
E5828854 (2625560)	0.001	<0.001	0.010
E5828855 (2625561)	0.002	<0.001	0.005
E5828856 (2625562)	0.005	<0.001	<0.005
E5828857 (2625563)	<0.001	<0.001	<0.005
E5828858 (2625564)	<0.001	<0.001	<0.005

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)

Insufficient Sample : IS

Sample Not Received : SNR

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 21B763058

PROJECT:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Ryan Hrkac

Sieving - % Passing (Crushing)

DATE SAMPLED: Jun 17, 2021

DATE RECEIVED: Jun 18, 2021

DATE REPORTED: Oct 25, 2021

SAMPLE TYPE: Rock

Analyte: Crush-Pass
%

Unit: %

Sample ID (AGAT ID) RDL: 0.01

E5828852 (2625558) 86

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1046 Gorham St, Thunder Bay, ON (unless marked by *)

Insufficient Sample : IS

Sample Not Received : SNR

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 21B763058

PROJECT:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Ryan Hrkac

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jun 17, 2021

DATE RECEIVED: Jun 18, 2021

DATE REPORTED: Oct 25, 2021

SAMPLE TYPE: Rock

Analyte: Pul-Pass %

Unit: %

Sample ID (AGAT ID) RDL: 0.01

E5828851 (2625557) 96

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1046 Gorham St, Thunder Bay, ON (unless marked by *)

Insufficient Sample : IS

Sample Not Received : SNR

Certified By:



CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Ryan Hrkac

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

Parameter	REPLICATE #1				RPD													
	Sample ID	Original	Replicate	RPD														
Ag	2625557	< 1	< 1	0.0%														
Al	2625557	8.53	8.48	0.6%														
As	2625557	< 5	< 5	0.0%														
B	2625557	<20	<20	0%														
Ba	2625557	226	226	0.2%														
Be	2625557	< 5	< 5	0.0%														
Bi	2625557	< 0.1	< 0.1	0.0%														
Ca	2625557	4.19	4.15	0.8%														
Cd	2625557	< 0.2	< 0.2	0.0%														
Ce	2625557	39.5	39.1	1.0%														
Co	2625557	17.2	17.0	1.2%														
Cr	2625557	0.028	0.028	0.9%														
Cs	2625557	0.38	0.34	11.1%														
Cu	2625557	19	19	3.5%														
Dy	2625557	3.32	3.13	5.9%														
Er	2625557	1.86	2.02	8.2%														
Eu	2625557	2.20	2.25	2.2%														
Fe	2625557	8.40	8.33	0.7%														
Ga	2625557	24.8	25.2	1.6%														
Gd	2625557	4.12	4.10	0.5%														
Ge	2625557	1	1	0.0%														
Hf	2625557	15	16	6.5%														
Ho	2625557	0.71	0.64	10.4%														
In	2625557	< 0.2	< 0.2	0.0%														
K	2625557	0.49	0.49	1%														
La	2625557	17.8	17.7	0.6%														
Li	2625557	<10	<10	0%														
Lu	2625557	0.33	0.32	3.1%														
Mg	2625557	0.87	0.87	0.2%														
Mn	2625557	1190	1180	0.7%														
Mo	2625557	< 2	< 2	0.0%														



CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Ryan Hrkac

Nb	2625557	5	5	0.0%															
Nd	2625557	21.2	21.7	2.3%															
Ni	2625557	<5	<5	0%															
P	2625557	0.12	0.12	2%															
Pb	2625557	6	< 5																
Pr	2625557	4.94	5.04	2.0%															
Rb	2625557	8.4	8.4	0.0%															
S	2625557	0.04	0.04	17.2%															
Sb	2625557	< 0.1	< 0.1	0.0%															
Sc	2625557	17	16	3.2%															
Si	2625557	28.8	28.6	0.7%															
Sm	2625557	4.5	4.3	4.5%															
Sn	2625557	< 1	< 1	0.0%															
Sr	2625557	415	412	0.6%															
Ta	2625557	< 0.5	< 0.5	0.0%															
Tb	2625557	0.563	0.600	6.4%															
Th	2625557	0.4	0.4	0.0%															
Ti	2625557	0.74	0.74	0%															
Tl	2625557	< 0.5	< 0.5	0.0%															
Tm	2625557	0.31	0.30	3.3%															
U	2625557	0.485	0.578	17.5%															
V	2625557	103	104	0.4%															
W	2625557	1	< 1																
Y	2625557	17.1	17.5	2.3%															
Yb	2625557	2.0	2.0	0.0%															
Zn	2625557	123	121	2%															
Zr	2625557	716	774	7.8%															

(202-555) Fire Assay - Au, Pt, Pd Trace Levels, ICP-OES finish (50g charge)

Parameter	REPLICATE #1				RPD															
	Sample ID	Original	Replicate	RPD																
Au	2625557	0.002	0.013																	
Pd	2625557	< 0.001	< 0.001	0.0%																
Pt	2625557	< 0.005	< 0.005	0.0%																



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(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

Parameter	CRM #1 (ref.Till-2)																
	Expect	Actual	Recovery	Limits													
As	26	26	99%	90% - 110%													
Be	4.0	4.3	108%	90% - 110%													
Ce	98	104	106%	90% - 110%													
Co	15	14	95%	90% - 110%													
Cu	150.0	158	106%	90% - 110%													
Er	3.7	3.9	105%	90% - 110%													
Hf	11	11	97%	90% - 110%													
La	44	46	104%	90% - 110%													
Lu	0.6	0.6	97%	90% - 110%													
Mn	780.0	753	97%	90% - 110%													
Mo	14	13	94%	90% - 110%													
Nb	20	20	99%	90% - 110%													
Pb	31	34	110%	90% - 110%													
Rb	144	145	100%	90% - 110%													
Sb	0.8	0.7	82%	90% - 110%													
Sm	7.4	8.2	111%	90% - 110%													
Ta	1.9	1.7	90%	90% - 110%													
Tb	1.2	1.2	98%	90% - 110%													
Th	18.4	19.4	105%	90% - 110%													
U	5.7	5.4	96%	90% - 110%													
Y	40	35	89%	90% - 110%													
Zn	130.0	126	97%	90% - 110%													
Zr	390	377	97%	90% - 110%													

(202-555) Fire Assay - Au, Pt, Pd Trace Levels, ICP-OES finish (50g charge)

Parameter	CRM #1 (ref.PGMS30)																
	Expect	Actual	Recovery	Limits													
Au	1.897	1.9	100%	90% - 110%													
Pd	1.660	1.707	103%	90% - 110%													
Pt	0.223	0.217	97%	90% - 110%													

Method Summary

CLIENT NAME: MISC AGAT CLIENT ON

AGAT WORK ORDER: 21B763058

PROJECT:

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SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

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SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS



Method Summary

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SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200- 12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Au	MIN-12006, MIN-12004		ICP/OES
Pd	MIN-12006, MIN-12004		ICP/OES
Pt	MIN-12006, MIN-12004		ICP/OES
Crush-Pass %			BALANCE
Pul-Pass %			BALANCE