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MNDM REPORT ON THE WARING CREEK GOLD PROPERTY, FOR ASSESSMENT CREDITS

Prepared by Robert Waring & Samuel Esenwa



REVISED ON NOVEMBER 10th, 2021,
FOR WARING MINERALS
Lennox-Addington Township, Ontario

Content

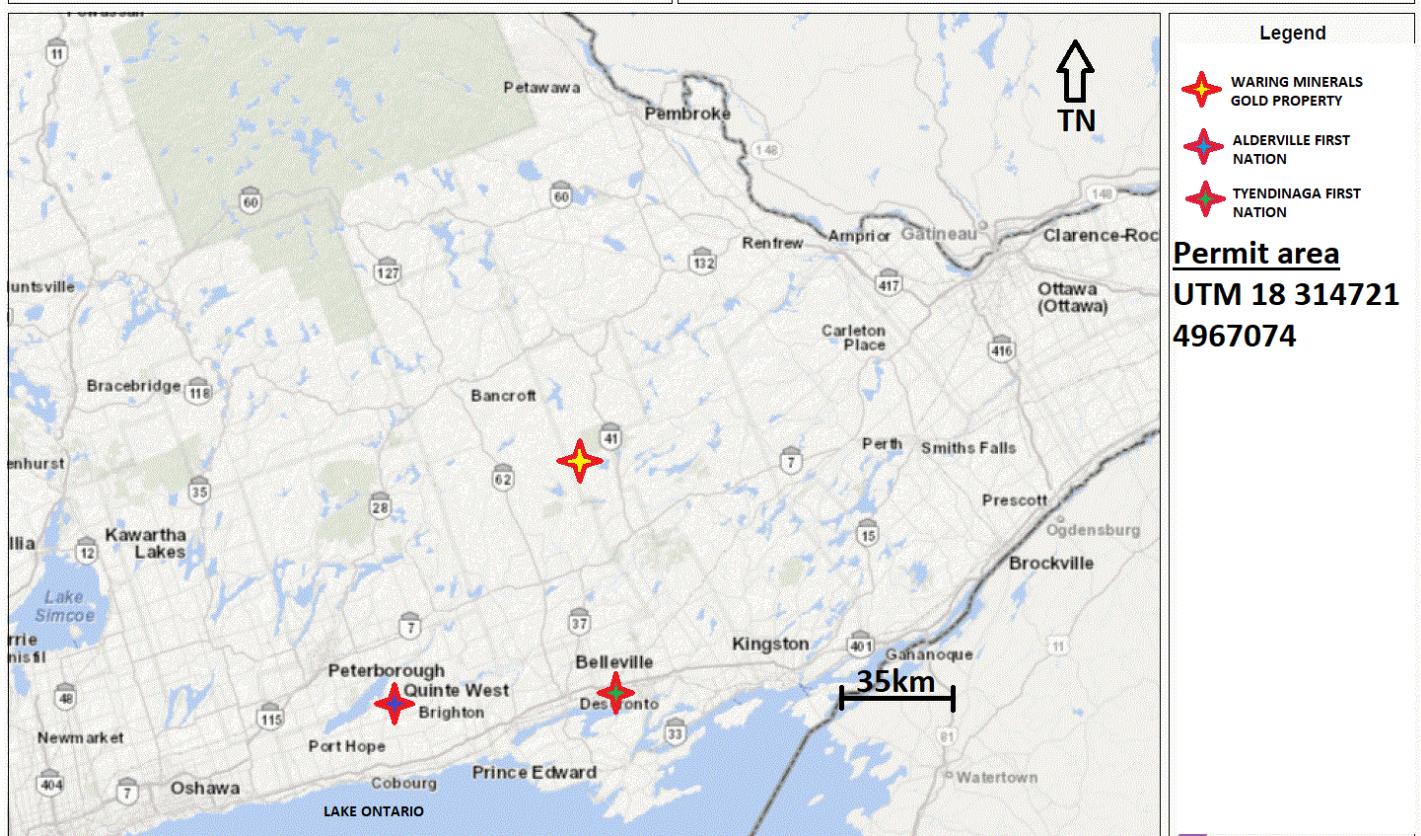
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Introduction

The Waring Creek Gold Property (WCGP) is located within the Grenville Province of Southern Ontario, and it covers a 75-claim area west of Skootamatta Lake, Ontario. The property is wholly owned by Waring Minerals. Gold exploration is currently ongoing on the property using mapping, field stripping, assaying, shallow diamond drilling and excavation, and during the 2019-2021 period, the property experienced increased exploration work due to discovery of promising geological features. The MNDM has previously acknowledged several mineral occurrences on the property including gold, platinum, chromium, nickel, iron, and talc. Work on the WCGP was conducted in the Anglesea Township by Robert Waring, within the Provincial grid cell number 31C14.

Location and Ownership

Located 40km north of Tweed, ON within the County of Lennox and Addington, the Waring Creek Gold Property is situated on crown land and includes approximately 50km² area claim block of unpatented mining claims. It is close to the Anglesea and Grimsthorpe townships. The claims that work was performed on include 593870, 241324 and 217832. The claims are currently 100% owned by Robert Waring. All work performed by prospector/owner Robert Waring.



WARING MINERALS REGIONAL MAP



Figure 1. Map showing location of Waring Creek Gold Property (Lars, 2019).

Previous Work

In 1957, the Dempsey option, which consists of 25 claims on the SW side of Skootamata Lake, was explored by Conwest Exploration Company Ltd using a magnetometer survey. Following this survey, in 1965, a drilling program was conducted by an unknown company. The results of the magnetometer survey and drilling program are unknown. In 1986, a geological report was published by J.M Moore and R.L Morton, this report identified the lithologies and stratigraphy of the rocks, with a focus on assisting prospecting for base and precious metals in the Marble Lake Area, counties of Frontenac and Lennox and Addington regions. Major exploration in the region started between 1987 and 1988, when United Reef Petroleum Limited staking twenty claims, known as the Killer Group claims. These claims were found to have gold, with one returning

0.19 oz/t gold. After this find, Target Exploration Services Ltd, conducted magnetic and VLF-EM surveys under the supervision of W. Johnson. The VLF-EM surveys showed weak conductivity at five points on bedrock, detectible over one to four lines. Following this discovery, Harry Dowhaluk began the Killer Creek Project under a grant from OPAP, (Grant No. OPG9G-008, OPAP Registration No. OP90-133.), with 100% stake in the property being explored. The project involved mapping along the Cloyne-Gilmour access road and collecting assay samples, stream and soil geochemistry, and VLF electromagnetic and magnetic surveys (Dowhaluk, 1989). Results from the projects further showed the presence of gold on the property, with a sample from a narrow quartz vein in rotten greenstone assaying 22.5 g/t Au. In 1990, Harry Dowhaluk extended the Killer Creek Project with the addition of the Killer Creek claims. Work done during this period includes Line cutting, geological mapping, a VLF-EM survey, and a magnetometer survey. The results only showed little to weak conductors with little to no correlation. Further geological mapping was conducted on the Killer Creek claims, by Mike Easton for the Geological Survey of Ontario. In 1991, assessment work including stripping, minor line cutting, detailed mapping, sampling and some geochemistry analysis was conducted on the Killer Creek claims. This was done to evaluate the magnetic and VLF anomalies obtained in 1990 by Harry Dowhaluk and pick out drilling targets. The results of this work showed two main types of mineralization of interest; quartz veins with gold, pyrite, arsenopyrite, and sphalerite and disseminated sulfide zones.

Regional Geology

The WCGP area is located within the Grimsthorpe Domain of the Elzevir Terrane in the Central Metasedimentary Belt (Figure 2). The stratigraphic sequence is made up of tholeiitic mafic

metavolcanic rocks and intrusions of the Caniff Complex, underlying a younger sequence dominated by volcaniclastic rocks of the Grimsthorpe Group. The meta-volcanic rocks have been intruded by the Killer Creek gabbro, which was further intruded by the 1270 Ma Elzevir tonalite and the 1085 Ma Skootamatta syenite. The Caniff and Weslemkoon tonalites (Elzevir Suite) also intruded the meta-volcanic sequence. A series of older, proto-mylonitic gabbros and metavolcanic rocks occur within the Caniff Complex along the margin of the Canniff tonalite. Several talc occurrences are hosted by these gabbros in a narrow belt along the southern and western margins of the Elzevir tonalite. Easton and Ford (1994) suggest that, based upon field and geochemical observations, the Caniff Complex may represent a partially preserved ophiolite fragment that pre-dates the Grenville Supergroup. A NE trending deformation zone up to 100m wide, known as the Partridge Creek shear zone (PCSZ), follows the western margin of the Killer Creek gabbro.

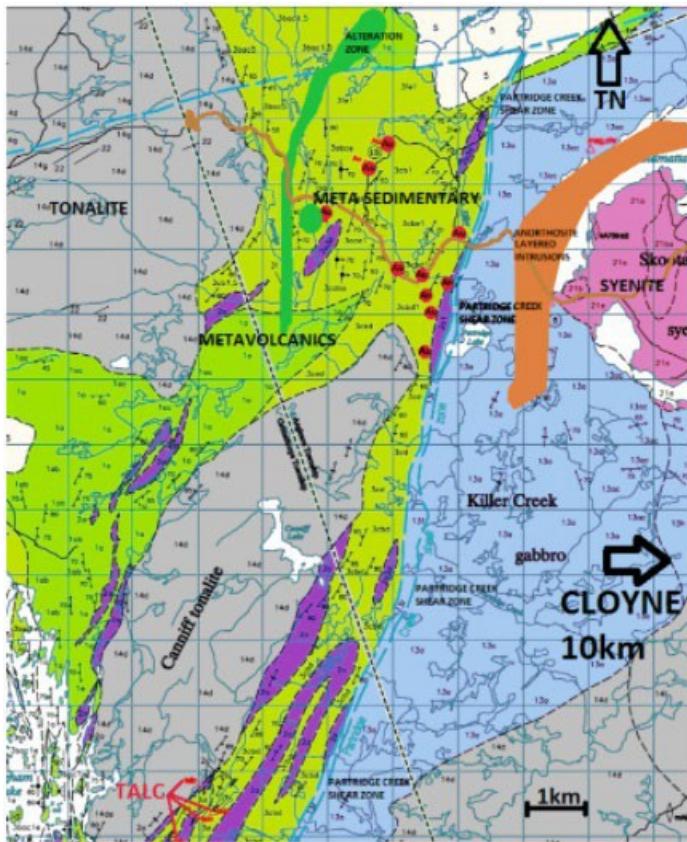


Figure 2. Map showing regional geology of Waring Creek Gold Property, Anglesea and Grimsthorpe townships (after Easton, 2001).

The claim block primarily follows the Partridge Creek Shear Zone (PCSZ), which separates the mafic meta-volcanic, and meta-sedimentary rocks of the Grimsthorpe Group to the west from the Killer Creek Gabbro to the east. The gold occurrences appear to be located adjacent to a bend in the PCSZ (Lars, 2019). Aside from a few positive anomalies occurring in N-S trends, the magnetic relief within the area is generally low. Gabbro on the eastern portion of the PCSZ is an intrusive contact known as the Killer Creek Gabbro. The Killer Creek Gabbro varies from ultramafic to anorthositic in composition (Lars, 2019). Although older than the

Elzevir Tonalite, which is dated at 1270Ma, the actual age of the Killer Creek Gabbro remains unknown. H. Dowhaluk noted that gold within the quartz veins occur, and has been observed in several occurrences, including a quartz vein up to 40cm wide from a gravel pit, of which R. Waring reported an assay of 66.6g/t gold from the vein area (Waring, 2016). The prospects occur within the northern region of the WCGP and have yielded grab sample assays of 60.3g/t Au, and 67.6g/t Au respectively (Lars, 2019). Fe-rich layers of ferricrete and limonite occur throughout the area, most likely due to the residue of sulfide minerals. The overburden consists of many angular fragments of clay, limonite, ferricrete, and gossanous soil above the quartz veins. Gravelly to sandy glacial till of Pleistocene age covers the entire claim. This consists of ground moraine approximately cm's to 1m in thickness.

2019-2021 Work Performed:

Following much of the prospecting and assay work done between 2017 and 2019, Waring Minerals has continued to explore the property at an increased pace between 2019 and 2021, through grass roots prospecting, excavation, drilling and sampling (Table 1). During this period, a total of 85 grab and channel samples were collected, 480 hrs was spent performing grassroots prospecting, 132 hrs was spent excavating 7 pits, 120 hrs was spent pressure washing outcrop fresh surface, and 168 hrs was spent coring and channel sampling with a fair value assessment of cost for work done, at \$13764, \$21260, \$3744, and \$5472 respectively. Much of this work was performed at the United reef showing, Iron formation, Gravel pit showing and Southern Bi-Au Showing.

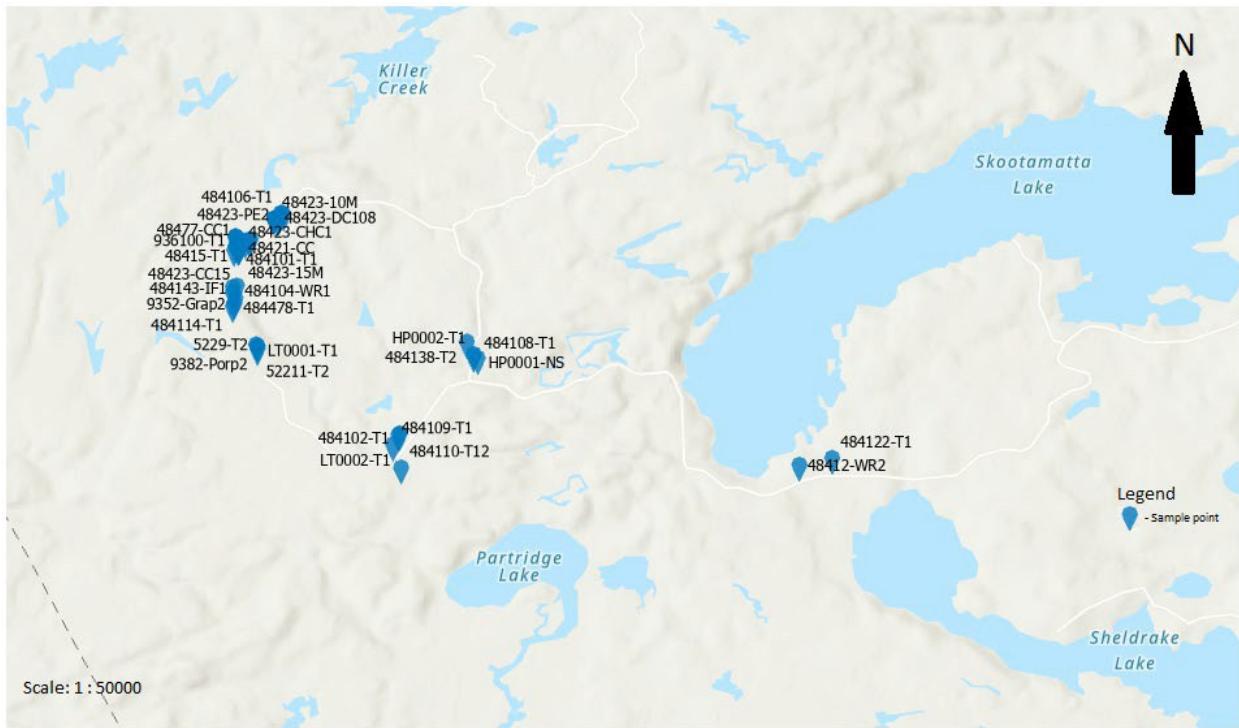


Figure 3. Map showing the some of the sampling points for the period 2019-2021.

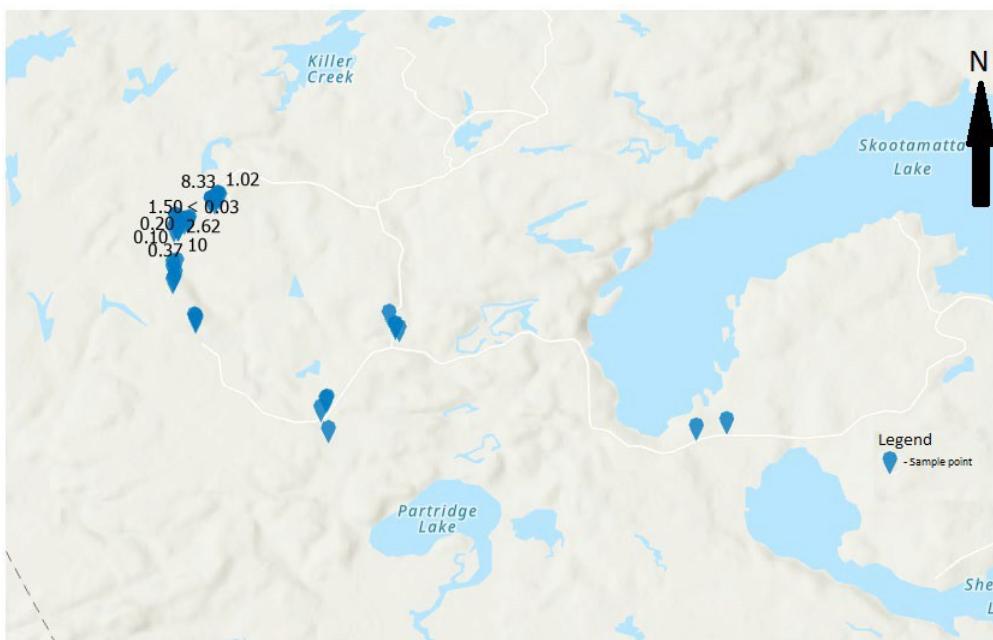


Figure 4. Map showing some of the Au grades obtained from assay results in g/tonne.

During excavation, major structures were revealed that show potential for gold mineralization.

At the iron formation (claim no: 673087) (Figure 5.), excavation showed outcrop with strong magnetite destruction due to sulphidization located at N 4484455, E 773434582. This resulted in the formation of sulphide minerals including disseminated pyrite and chalcopyrite in the host mafic rocks, which is a very promising sign of potential gold presence. A channel sample collected from this location, yielded a decent assay result of 42.4 g/t Au, which shows outstanding gold presence at this site. Future sampling may result in discovery of more high-grade points at this site.



Figure 5. Exposed outcrop with disseminated sulphides. Channel sampling was performed on outcrop.

Furthermore, a previously undiscovered steeply dipping large extensional quartz vein with 243° strike (Figure 6) was discovered within the iron formation at N 4484486, E 7734512. The vein was hosted in a siliceous lean band iron formation. The quartz vein hosts sulphides

including pyrite, which makes it a good candidate for gold mineralization. More excavation is required to fully uncover the vein, sampling has also not yet been conducted at this site.



Figure 6. Quartz vein with sulphide staining and pyrite blebs exposed during excavation. Compass facing north.

A shale chip sample (484478-T1) (Figure 7) collected from at N44.8451, W77.3458 in the iron formation, showed strong pyrite veining, the sample assayed for 393ppm of copper and 5.6 ppm of bismuth, which is a good indicator of gold presence. The gold concentration was not shown in the lab assay results. Another sample collected at N44.8365 W77.3284 showed visible bismuth and copper, with assay results coming back with 926 ppm of copper, 454 ppm of bismuth. The gold assay result was lower than expected at just 0.08 g/tonne but with more sampling, higher gold mineralization in the area is likely to be identified.



Figure 7. Black shale with pyrite in quartz veins obtained from lean iron formation

Located 10m west of the iron formation, an outcrop (Figure 8) was discovered with fault gauge and large extensional quartz veins with visible pyrite. Samples were taken from this site located at N44.8445 W77.3458 and assayed for gold. The results showed 0.98g/tonne of gold in one of the samples collected through channeling across a recrystallized quartz vein.



Figure 8. Outcrop with fault gauge and moderate foliation exposed during excavation. b. presence of quartz vein with sulphide staining.

A greywacke sample (Figure 9) collected from the iron formation at N44.8403 W77.3459, showed nuggety gold and when assayed returned a gold concentration of 2.16 g/tonne, which is decent for a greywacke. More sampling at this site might show more high-grade gold mineralization zones.



Figure 9. Greywacke sample with nuggety gold.

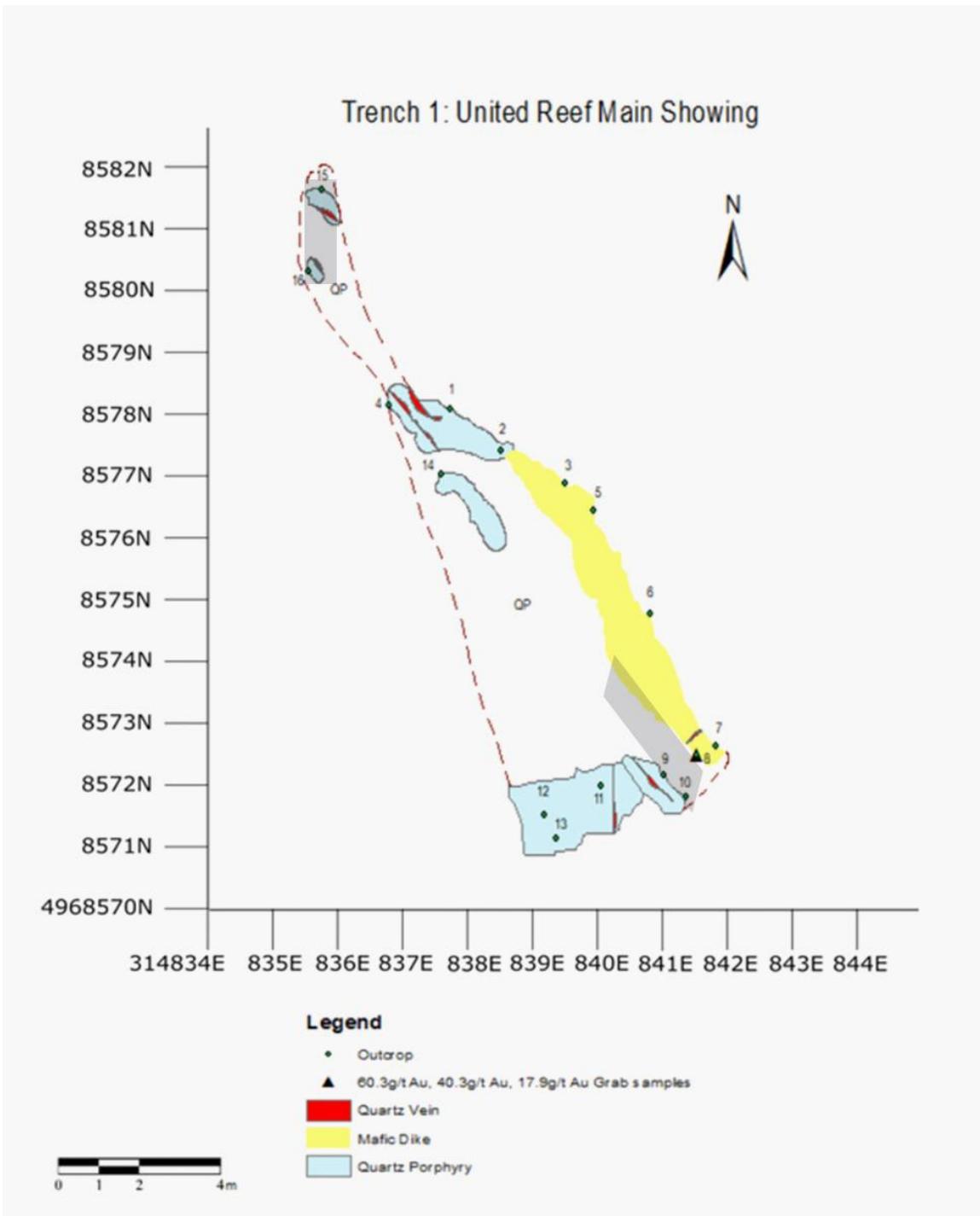
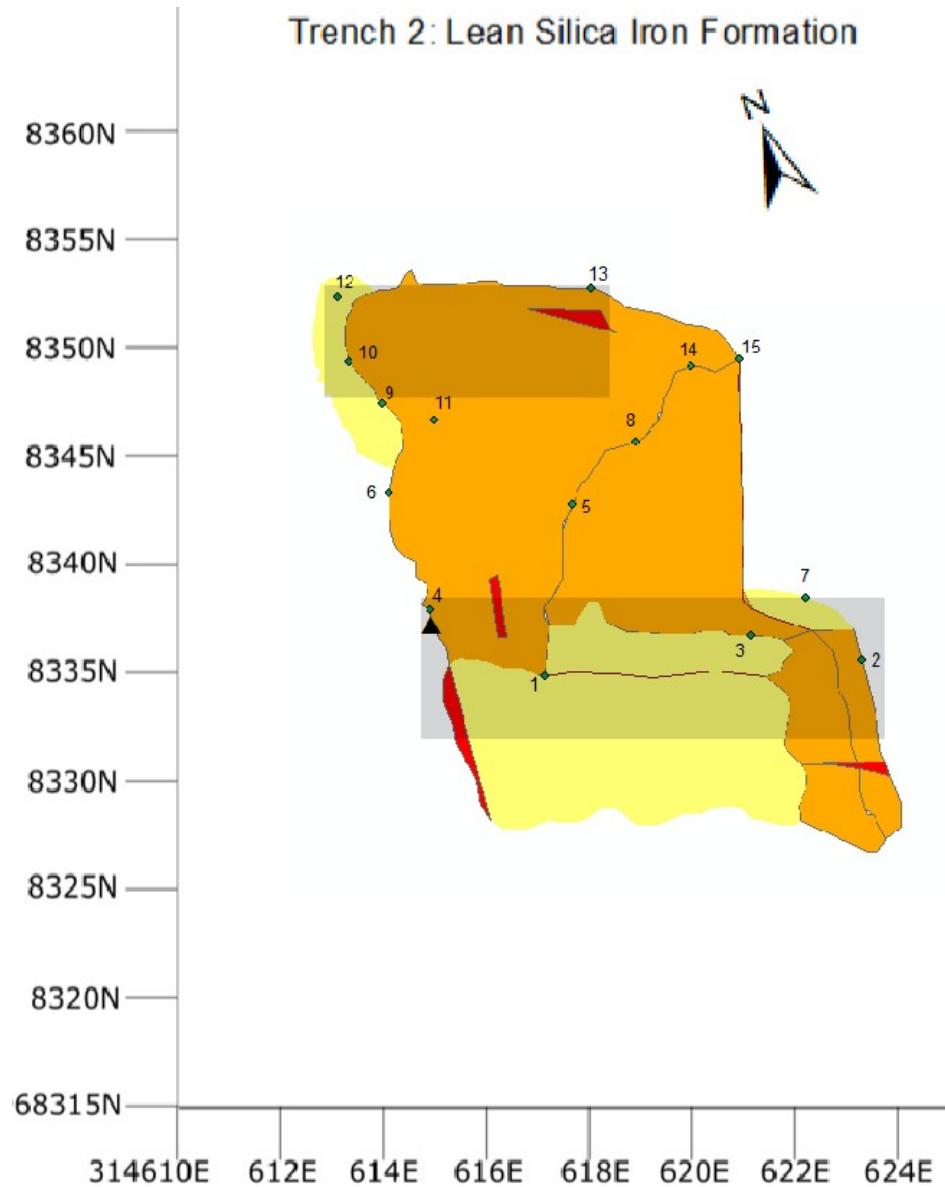


Figure 20: Trench Map 1 (2017-2019): United Reef Main Showing (part of western portion of WCGP), the gray shaded area shows newly stripped and trenched areas. QP represents the inferred position of the Quartz Porphyry without surface stripping. Inferred boundaries of the trench are shown as dashed lines.

From Lars 2017-2019 report



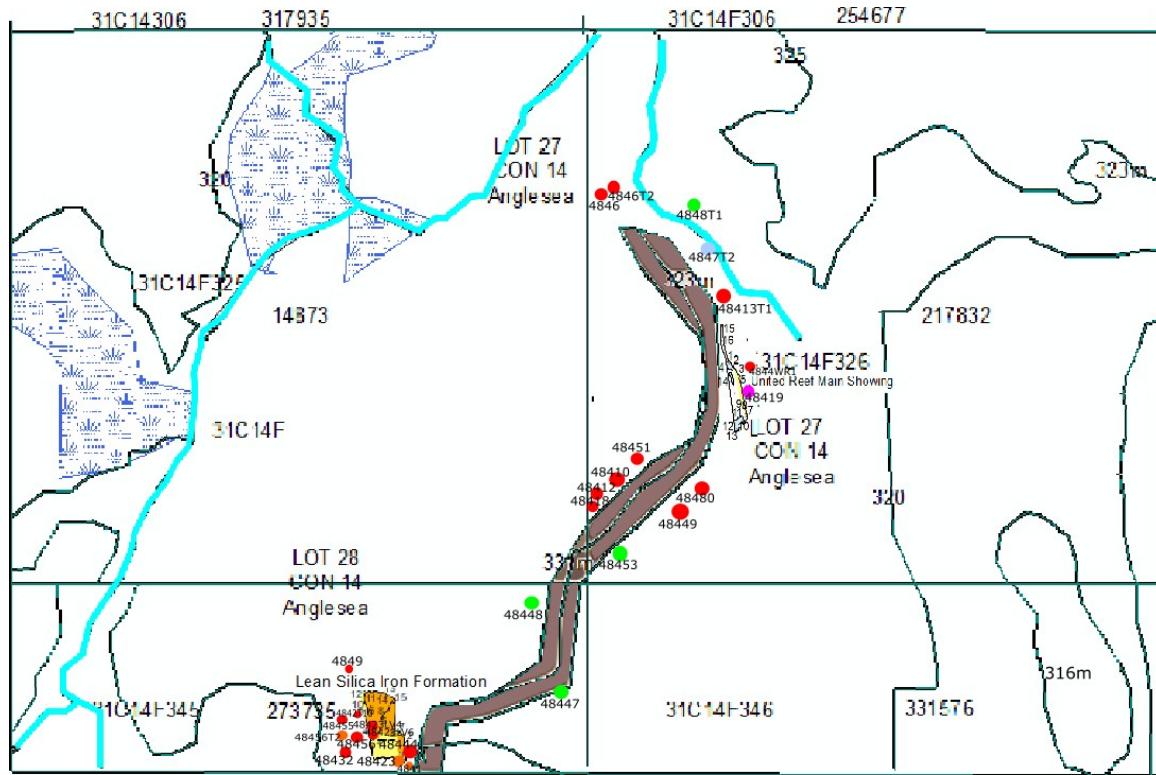
Legend

- Outcrop
 - Quartz Vein (chloritized)
 - Mafic Dike
 - Iron Formation
 - ▲ 25.6g/t Au, 25.8g/t Au, 67.6g/t Au Grab samples
- 0 1 2 4m

Figure 36: Trench Map 2 (2017-2019): Lean Silica Iron Formation/United Reef South Showing.

The gray shaded area shows newly stripped and trenched areas.

From Lars 2017-2019 report



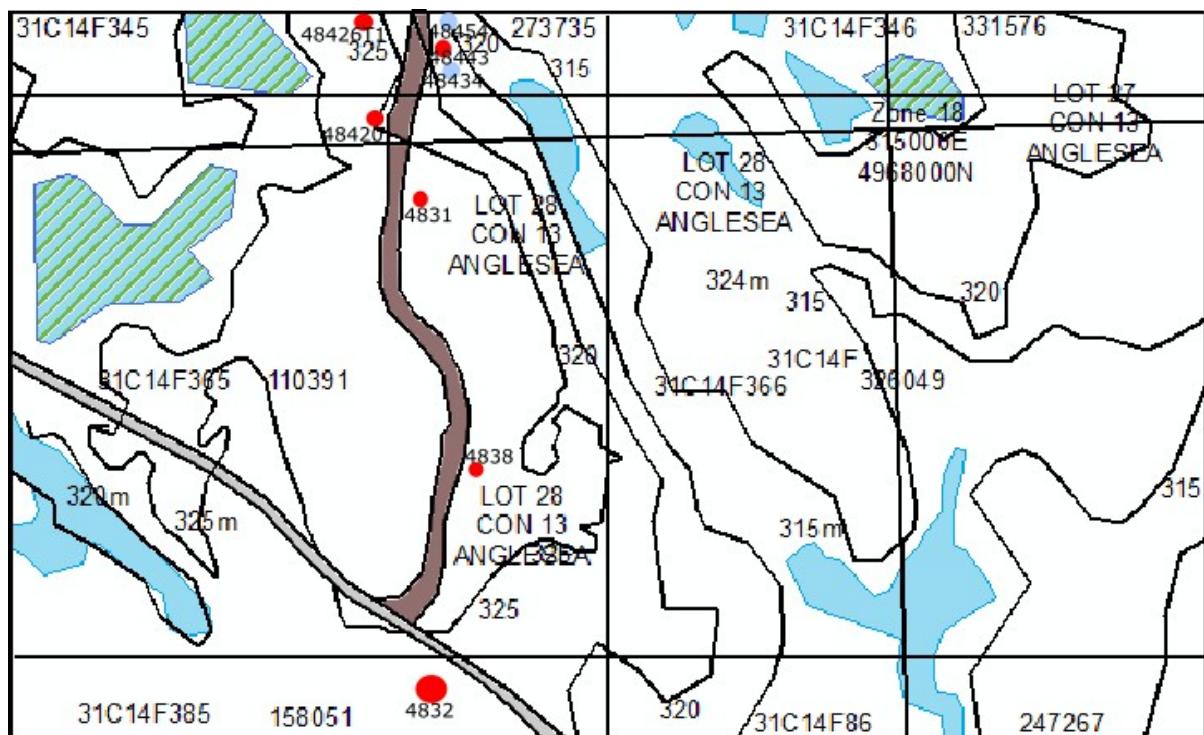
Legend

- █ Trail
- █ Stream
- Contour line
- █ Swamp
- █ Mafic Dike
- Iron Formation
- Quartz Porphyry
- Quartz Vein
- Meta-Sediment
- Meta-Volcanic

0 50 100m

Figure 37: Geology Map 1 of western region of the WCGP (2017-2019).

From Lars 2017-2019 report

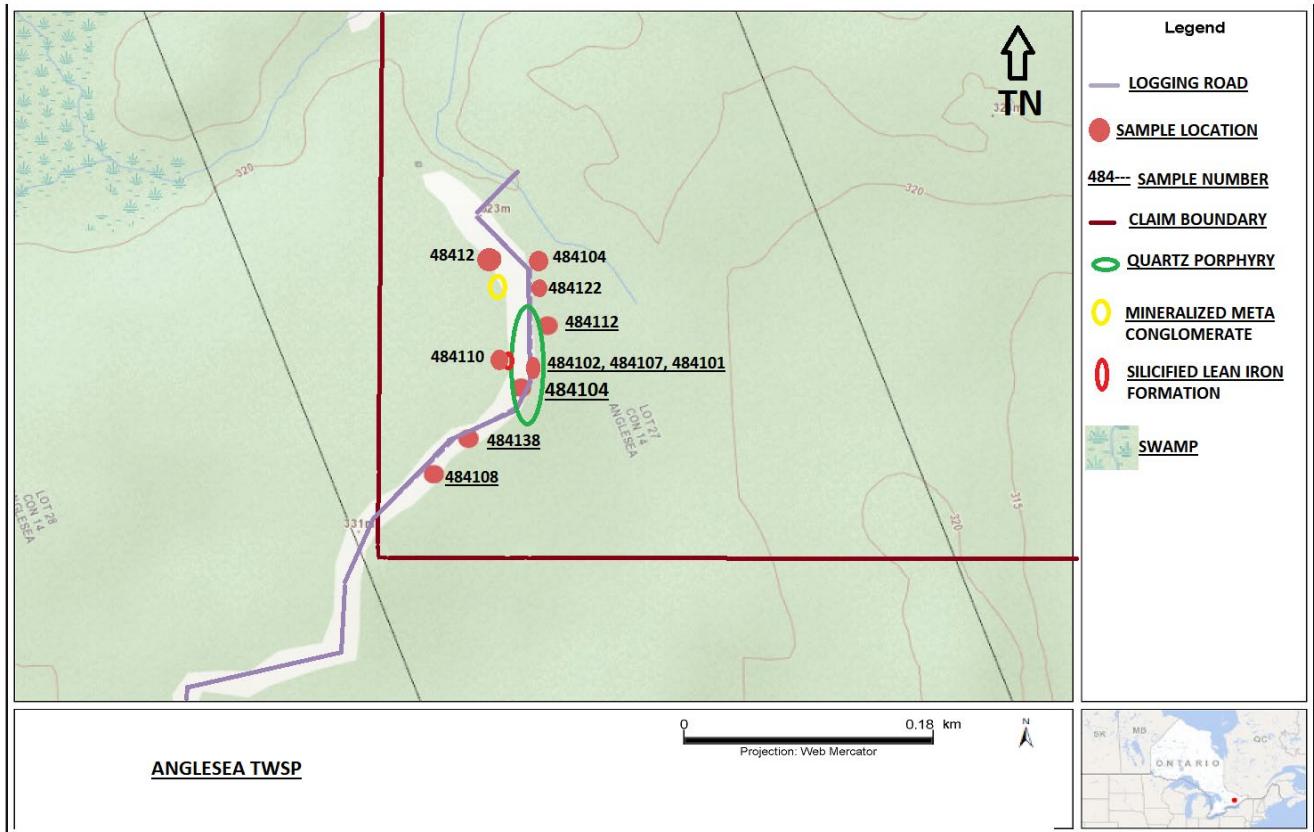


Legend

- Trail
- Contour line
- Hughes Landing Road
- Wetland
- Waterbody
- Quartz Porphyry
- Quartz Vein

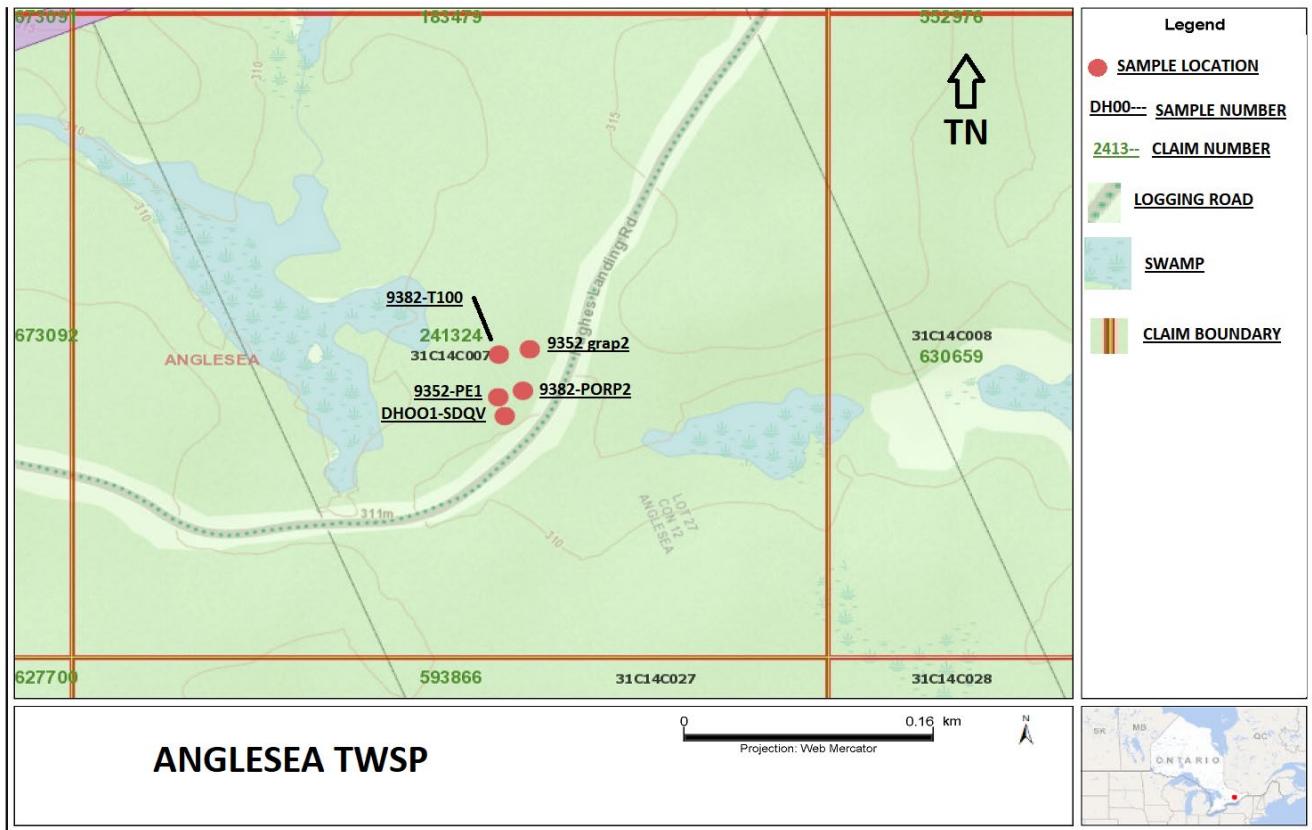
Figure 38: Geology Map 2 of western region of the WCGP (2017-2019).
From Lars 2017-2019 report

MAP 1



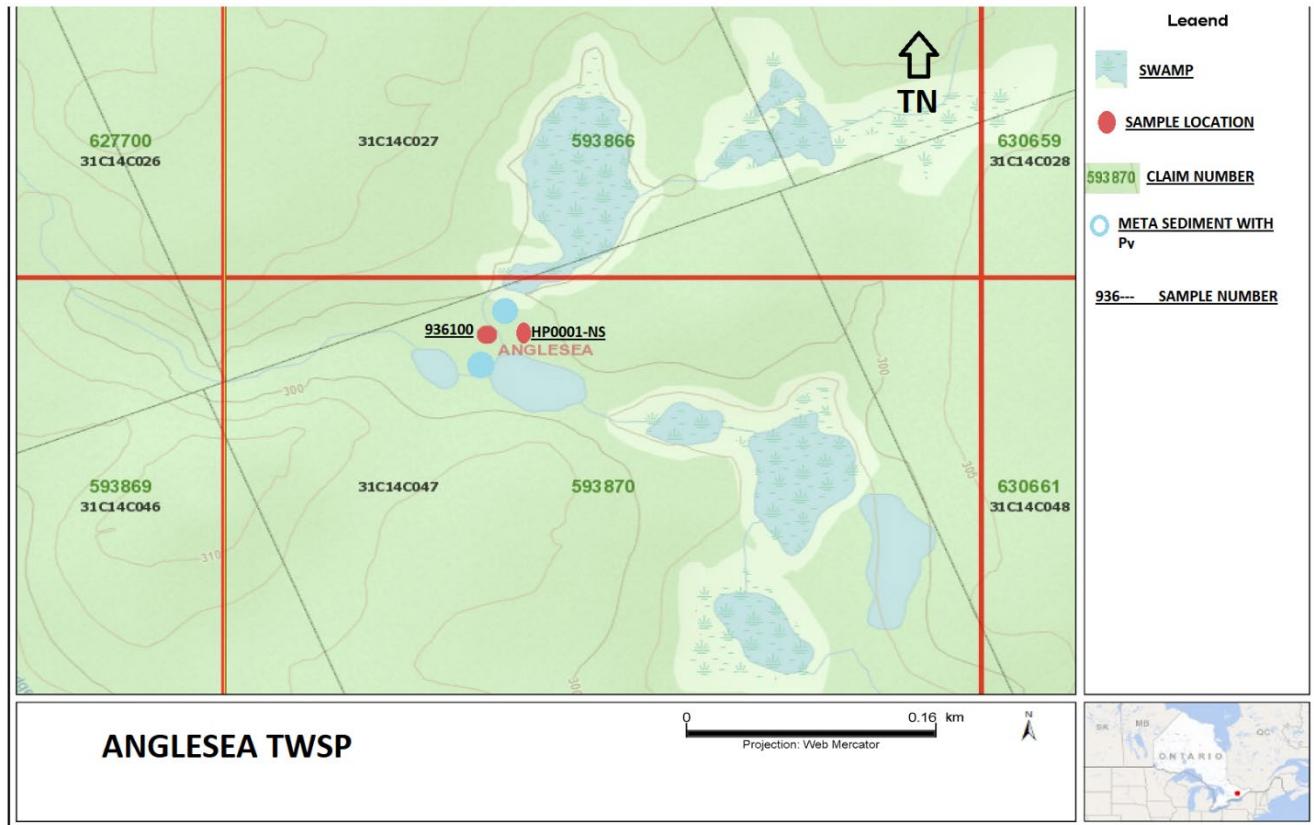
Reference map 1

MAP 2



Reference Map 2

MAP 3



Reference Map 3

References

- Dowhaluk, H., 1990, Report on H. Dowhaluk Killer Creek claims geologic, VLF- EM and magnetometer surveys; Anglesea Twp, Lennox and Addington County, Ontario; unpublished report of assessment work, 15 p.
- Dowhaluk, H. 1991. Assessment Work During 1991 on the H. Dowhaluk Killer Creek Claim Group, Anglesea Township, Lennox and Addington County, Ontario. Assessment Report 31C14SW0010.
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- Poulsen, H., 2016, Geological assessment of the Waring Creek Gold Property

Quality Analysis ...



Innovative Technologies

Date Submitted: 12-Jul-19
Invoice No.: A19-09043
Invoice Date: 30-Jul-19
Your Reference: WCGP

WARING MINERALS INC
24 Shawglen Way
Ottawa ON K2J 5M2
Canada

ATTN: ROBERT WARING

CERTIFICATE OF ANALYSIS

2 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A3 Au - Fire Assay Gravimetric (QOP AA-Au)

Code 1A4-1000 (100mesh) Au-Fire Assay-Metallic Screen-1000g

Code 1EPI/MS INAA(INAAGEO)/Aqua Regia ICP(AQUAGEO)/Aqua Regia Digestion ICP/MS

REPORT A19-09043

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

A representative 1000 gram split is seived at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:



Emmanuel Eseme , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.

41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Results

Activation Laboratories Ltd.

Report: A19-09043

Analyte Symbol	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au	Ag	As	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Ba	Bi	Ca	Cs	Fe	Ga
Unit Symbol	g/mt	g/mt	g/mt	g/mt	g	g	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	%	ppm
Lower Limit	0.03	0.03	0.03	0.03			5	0.2	2	0.5	1	2	2	1	2	1	100	0.10	0.01	0.05	0.02	1	
Method Code	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	INAA	MULT INAA / AR-ICP	INAA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	MULT INAA / AR-ICP	AR-ICP	MULT INAA / AR-ICP	MULT INAA / AR-ICP	AR-MS	AR-ICP	MULT INAA / AR-ICP-MS	INAA	AR-MS	
48423-CHC1	0.67	2.80	2.62	2.62	46.47	1024.0	1070.5	1970	< 0.2	6	< 0.5	321	440	< 2	5	2	4	< 100	10.5	0.17	0.06	3.62	< 1
48423-CHC1-REJECT																							

Results**Activation Laboratories Ltd.****Report: A19-09043**

Analyte Symbol	Ge	Hg	K	Na	Sb	S	Se	Te	Tl	W	Mass	Au
Unit Symbol	ppm	ppm	%	%	ppm	%	ppm	ppm	ppm	g	g/tonne	
Lower Limit	0.1	1	0.01	0.01	0.2	0.001	0.1	0.1	0.1	4		0.03
Method Code	AR-MS	INAA	AR-ICP	INAA	INAA	AR-ICP	MULT INAA / AR- ICP-MS	AR-MS	AR-MS	INAA	INAA	FA- GRA
48423-CHC1	< 0.1	< 1	0.02	0.04	0.3	0.925	0.5	0.4	< 0.1	< 4	36.0	
48423-CHC1- REJECT												2.29

Analyte Symbol	Total Au	Total Weight	Au	Ag	Ag	As	Cd	Cu	Mn	Mo	Ni	Ni	Pb	Zn	Zn	Ba	Ba	Bi	Ca	Cs	Cs	Fe	Ga	
Unit Symbol	g/mt	g	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm		
Lower Limit	0.03		5	0.2	5	2	0.5	1	2	2	1	50	2	1	50	1	100	0.10	0.01	0.05	2	0.02	1	
Method Code	FA-MeT	FA-MeT	INAA	AR-ICP	INAA	INAA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	INAA	AR-ICP	AR-ICP	INAA	AR-ICP	INAA	AR-MS	AR-ICP	AR-MS	INAA	INAA	AR-MS	
GXR-4 Meas				3.1			< 0.5	6300	143	316	35		37	68		52		19.7	0.87	2.45			12	
GXR-4 Cert				4.0			0.860	6520	155	310	42.0		52.0	73.0		1640		19.0	1.01	2.80			20.0	
GXR-4 Meas																			19.9		2.41			11
GXR-4 Cert																			19.0		2.80			20.0
GXR-6 Meas				0.2			< 0.5	62	1040	< 2	19		84	120		> 500		0.19	0.16	3.32			17	
GXR-6 Cert				1.30			1.00	66.0	1010	2.40	27.0		101	118		1300		0.290	0.180	4.20			35.0	
GXR-6 Meas																			0.19		3.38			15
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OREAS 97 (Aqua Regia) Cert																			40.3					
OREAS 97 (Aqua Regia) Meas																			39.2					
OREAS 97 (Aqua Regia) Cert																			40.3					
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OREAS 45d (Aqua Regia) Meas																			0.28					17
OREAS 45d (Aqua Regia) Cert																			0.30					17.9
SQ48 Meas																								
SQ48 Cert																								
OxK110 Meas	3.58																							
OxK110 Cert	3.602																							
OREAS 923 (AQUA REGIA) Meas			1.4				< 0.5	4100	875	< 2	29		72	325		70		22.5	0.43	2.06			9	
OREAS 923 (AQUA REGIA) Cert			1.62				0.40	4248	850	0.84	32.7		81	335		54		21.8	0.326	1.56			8.01	
OREAS 923 (AQUA REGIA) Meas																			20.3		1.88			8
OREAS 923 (AQUA REGIA) Cert																			21.8		1.56			8.01
OXN117 Meas	7.78																							
OXN117 Cert	7.679																							
OREAS 907 (Aqua Regia)				1.3			< 0.5	6370	364	5	5		31	147		263		23.2	0.29	1.56			17	

Analyte Symbol	Total Au	Total Weight	Au	Ag	Ag	As	Cd	Cu	Mn	Mo	Ni	Ni	Pb	Zn	Zn	Ba	Ba	Bi	Ca	Cs	Cs	Fe	Ga
Unit Symbol	g/mt	g	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	
Lower Limit	0.03		5	0.2	5	2	0.5	1	2	2	1	50	2	1	50	1	100	0.10	0.01	0.05	2	0.02	1
Method Code	FA-MeT	FA-MeT	INAA	AR-ICP	INAA	INAA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	INAA	AR-ICP	AR-ICP	INAA	AR-ICP	INAA	AR-MS	AR-ICP	AR-MS	INAA	INAA	AR-MS
Meas																							
OREAS 907 (Aqua Regia) Cert					1.30			0.540	6370	330	5.64	4.74		34.1	139		225		22.3	0.280	1.17		14.7
OREAS 907 (Aqua Regia) Meas																			23.2		1.42		16
OREAS 907 (Aqua Regia) Cert																			22.3		1.17		14.7
OREAS 229 (Fire Assay) Meas																							
OREAS 229 (Fire Assay) Cert																							
Oreas 621 (Aqua Regia) Meas			67.6			289	3680	567	14	23		> 5000	> 10000					4.14	1.76	1.11		10	
Oreas 621 (Aqua Regia) Cert			68.0			278	3660	520	13.3	25.8		13600	51700					3.85	1.65	1.01		9.29	
Oreas 621 (Aqua Regia) Meas																		4.15		1.06		10	
Oreas 621 (Aqua Regia) Cert																		3.85		1.01		9.29	
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DMMAS 122 Cert		732			1340												1190					3.22	
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48423-CHC1- REJECT Dup																							
Method Blank																		0.67		< 0.05		< 1	
Method Blank																		< 0.10		< 0.05		< 1	
Method Blank			< 0.2			< 0.5	< 1	< 2	< 2	< 1		< 2	< 1			8		< 0.10	< 0.01	< 0.05		< 1	
Method Blank	< 0.03	0.00000																					
Method Blank	< 0.03	0.00000																					
Method Blank			< 5		< 5	< 2						< 50			< 50		< 100				< 2	0.03	
Method Blank																							
Method Blank																							

Analyte Symbol	Ge	Hg	K	Na	Sb	S	Se	Se	Te	Tl	W	Mass	Au
Unit Symbol	ppm	ppm	%	%	ppm	%	ppm	ppm	ppm	ppm	ppm	g	g/tonne
Lower Limit	0.1	1	0.01	0.01	0.2	0.001	0.1	3	0.1	0.1	4		0.03
Method Code	AR-MS	INAA	AR-ICP	INAA	INAA	AR-ICP	AR-MS	INAA	AR-MS	AR-MS	INAA	INAA	FA-GRA
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GXR-4 Cert			4.01			1.77	5.60		0.970	3.20			
GXR-4 Meas							5.0		0.9	2.4			
GXR-4 Cert							5.60		0.970	3.20			
GXR-6 Meas			1.07			0.012	0.3		< 0.1	1.5			
GXR-6 Cert			1.87			0.0160	0.940		0.0180	2.20			
GXR-6 Meas							0.2		< 0.1	1.5			
GXR-6 Cert							0.940		0.0180	2.20			
OREAS 97 (Aqua Regia) Meas							68.8						
OREAS 97 (Aqua Regia) Cert							67.3						
OREAS 97 (Aqua Regia) Meas							65.6						
OREAS 97 (Aqua Regia) Cert							67.3						
OREAS 45d (Aqua Regia) Meas			0.12			0.039							
OREAS 45d (Aqua Regia) Cert			0.097			0.045							
OREAS 45d (Aqua Regia) Meas													
OREAS 45d (Aqua Regia) Cert													
SQ48 Meas												30.1	
SQ48 Cert												30.25	
OxK110 Meas													
OxK110 Cert													
OREAS 923 (AQUA REGIA) Meas			0.40			0.566	5.7		0.2				
OREAS 923 (AQUA REGIA) Cert			0.322			0.684	5.99		0.12				
OREAS 923 (AQUA REGIA) Meas							5.9		0.2				
OREAS 923 (AQUA REGIA) Cert							5.99		0.12				
OXN117 Meas													
OXN117 Cert													
OREAS 907 (Aqua Regia)			0.37			0.061	8.9		0.2	0.1			

Analyte Symbol	Ge	Hg	K	Na	Sb	S	Se	Se	Te	Tl	W	Mass	Au
Unit Symbol	ppm	ppm	%	%	ppm	%	ppm	ppm	ppm	ppm	ppm	g	g/tonne
Lower Limit	0.1	1	0.01	0.01	0.2	0.001	0.1	3	0.1	0.1	4		0.03
Method Code	AR-MS	INAA	AR-ICP	INAA	INAA	AR-ICP	AR-MS	INAA	AR-MS	AR-MS	INAA	INAA	FA-GRA
Meas													
OREAS 907 (Aqua Regia) Cert			0.286			0.0660	9.05		0.230	0.120			
OREAS 907 (Aqua Regia) Meas							8.2		0.2	0.1			
OREAS 907 (Aqua Regia) Cert							9.05		0.230	0.120			
OREAS 229 (Fire Assay) Meas													12.0
OREAS 229 (Fire Assay) Cert													12.1
Oreas 621 (Aqua Regia) Meas			0.39			4.681	5.0		0.7				
Oreas 621 (Aqua Regia) Cert			0.333			4.50	5.64		0.770				
Oreas 621 (Aqua Regia) Meas							5.4		0.7				
Oreas 621 (Aqua Regia) Cert						5.64			0.770				
DMMAS 122 Meas				1.90	7.5								
DMMAS 122 Cert					1.92	5.00							
48423-CHC1- REJECT Orig													2.29
48423-CHC1- REJECT Dup													2.30
Method Blank	< 0.1					0.3		< 0.1	< 0.1				
Method Blank	< 0.1					0.2		< 0.1	< 0.1				
Method Blank	< 0.1	< 0.01			< 0.001	< 0.1		< 0.1	< 0.1				
Method Blank													
Method Blank													
Method Blank		< 1		< 0.01	< 0.2		< 3		< 4	30.0			
Method Blank													< 0.03
Method Blank													< 0.03

Quality Analysis ...



Innovative Technologies

Date Submitted: 22-Jul-19
Invoice No.: A19-09472
Invoice Date: 26-Jul-19
Your Reference: WCGP

WARING MINERALS INC
24 Shawglen Way
Ottawa ON K2J 5M2
Canada

ATTN: ROBERT WARING

CERTIFICATE OF ANALYSIS

6 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A3 Au - Fire Assay Gravimetric (QOP AA-Au)

REPORT A19-09472

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Eseme".

Emmanuel Eseme , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.

41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

<i>Analyte Symbol</i>	Au
<i>Unit Symbol</i>	g/tonne
<i>Lower Limit</i>	0.03
<i>Method Code</i>	FA-GRA
48423-CC13	1.50
48423-CC14	10.0
48423-CC15	0.37
48421-CC1	0.10
48415-T1	< 0.03
48477-CC1	< 0.03

Analyte Symbol	Au
Unit Symbol	g/tonne
Lower Limit	0.03
Method Code	FA-GRA
SQ48 Meas	30.6
SQ48 Cert	30.25
OREAS 229 (Fire Assay) Meas	12.0
OREAS 229 (Fire Assay) Cert	12.1
48423-CC14 Orig	10.2
48423-CC14 Dup	9.87
48477-CC1 Orig	< 0.03
48477-CC1 Dup	< 0.03
Method Blank	< 0.03
Method Blank	< 0.03

Quality Analysis ...



Innovative Technologies

Date Submitted: 21-Aug-19

Invoice No.: A19-11011

Invoice Date: 22-Aug-19

Your Reference: WCGP

WARING MINERALS INC
24 Shawglen Way
Ottawa ON K2J 5M2
Canada

ATTN: ROBERT WARING

CERTIFICATE OF ANALYSIS

1 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A3 QOP AA-Au (Au - Fire Assay Gravimetric)

REPORT A19-11011

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Notes:

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Eseme".

Emmanuel Eseme , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.

41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
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E-MAIL: Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au
Unit Symbol	g/tonne
Lower Limit	0.03
Method Code	FA-GRA
148423-7M45-7	0.69

Analyte Symbol	Au
Unit Symbol	g/tonne
Lower Limit	0.03
Method Code	FA-GRA
SQ48 Meas	30.2
SQ48 Cert	30.25
OREAS 229 (Fire Assay) Meas	12.0
OREAS 229 (Fire Assay) Cert	12.1
148423-7M45-7 Orig	0.73
148423-7M45-7 Dup	0.66
Method Blank	< 0.03
Method Blank	< 0.03

Quality Analysis ...



Innovative Technologies

Date Submitted: 15-Aug-19

Invoice No.: A19-10628

Invoice Date: 20-Aug-19

Your Reference: WCGP

WARING MINERALS INC
24 Shawglen Way
Ottawa ON K2J 5M2
Canada

ATTN: ROBERT WARING

CERTIFICATE OF ANALYSIS

3 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A3 QOP AA-Au (Au - Fire Assay Gravimetric)

REPORT A19-10628

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Eseme".

Emmanuel Eseme , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.

41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL: Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

<i>Analyte Symbol</i>	Au
<i>Unit Symbol</i>	g/tonne
<i>Lower Limit</i>	0.03
<i>Method Code</i>	FA-GRA
48423-DC108	0.63
48423-DC163	0.18
48423-10M	1.58

Analyte Symbol	Au
Unit Symbol	g/tonne
Lower Limit	0.03
Method Code	FA-GRA
SQ48 Meas	30.4
SQ48 Cert	30.25
OREAS 229 (Fire Assay) Meas	12.2
OREAS 229 (Fire Assay) Cert	12.1
48423-DC163 Orig	0.16
48423-DC163 Dup	0.20
Method Blank	< 0.03
Method Blank	< 0.03

Quality Analysis ...



Innovative Technologies

Date Submitted: 12-Sep-19

Invoice No.: A19-12199

Invoice Date: 18-Sep-19

Your Reference: WCGP

WARING MINERALS INC
24 Shawglen Way
Ottawa ON K2J 5M2
Canada

ATTN: ROBERT WARING

CERTIFICATE OF ANALYSIS

9 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

1A3	QOP AA-Au (Au - Fire Assay Gravimetric)
-----	---

REPORT A19-12199

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Eseme".

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.

41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au
Unit Symbol	g/tonne
Lower Limit	0.03
Method Code	FA-GRA
48423-15M	< 0.03
484104-T12	24.8
484112-T12	< 0.03
484110-T12	< 0.03
484102-T1	< 0.03
4842-T12	< 0.03
48423-PE1	8.33
48423-PE2	1.02
484107-T12	< 0.03

Analyte Symbol	Au
Unit Symbol	g/tonne
Lower Limit	0.03
Method Code	FA-GRA
SQ48 Meas	29.9
SQ48 Cert	30.25
OREAS 229 (Fire Assay) Meas	12.0
OREAS 229 (Fire Assay) Cert	12.1
484104-T12 Orig	25.6
484104-T12 Dup	24.0
Method Blank	< 0.03

Quality Analysis ...



Innovative Technologies

Date Submitted: 12-Sep-19

Invoice No.: A19-12200

Invoice Date: 23-Sep-19

Your Reference: WCGP

WARING MINERALS INC
24 Shawglen Way
Ottawa ON K2J 5M2
Canada

ATTN: ROBERT WARING

CERTIFICATE OF ANALYSIS

15 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

1A3	QOP AA-Au (Au - Fire Assay Gravimetric)
-----	---

REPORT **A19-12200**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Eseme".

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.

41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
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Analyte Symbol	Au
Unit Symbol	g/tonne
Lower Limit	0.03
Method Code	FA-GRA
936100-T1	< 0.03
9352-PE1	0.54
9352-PE2	< 0.03
484101-T1	< 0.03
484104-MZ1	< 0.03
484104-T3	17.9
484104-T4	40.3
484104-T5	60.3
484105-T1	< 0.03
484106-T1	< 0.03
484103-T12	3.49
484109-T1	< 0.03
484113-T1	< 0.03
484108-T1	0.98
484114-T1	< 0.03

Analyte Symbol	Au
Unit Symbol	g/tonne
Lower Limit	0.03
Method Code	FA-GRA
SQ48 Meas	29.7
SQ48 Cert	30.25
936100-T1 Orig	< 0.03
936100-T1 Dup	< 0.03
484114-T1 Orig	< 0.03
484114-T1 Dup	< 0.03
Method Blank	< 0.03
Method Blank	< 0.03

Quality Analysis ...



Innovative Technologies

Report No.: A19-12200Final2

Report Date: 02-Jan-20

Date Submitted: 12-Sep-19

Your Reference: WCGP

WARING MINERALS INC
24 Shawglen Way
Ottawa ON K2J 5M2
Canada

ATTN: ROBERT WARING

CERTIFICATE OF ANALYSIS

17 Rock samples were submitted for analysis.

The following analytical package(s) were requested:	Testing Date:
1EPI/MS	QOP INAA/geo/QOP AquaGeo/QOP Ultratrace-1 (INAA/Aqua Regia ICPOES/ICPMS)

REPORT **A19-12200Final2**

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Notes:

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Elitsa Hrischeva".

Elitsa Hrischeva, Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.

41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Results

Activation Laboratories Ltd.

Report: A19-12200

Analyte Symbol	Au	Ag	As	Ni	Zn	Ba	Cs	Fe	Hg	Na	Sb	Se	W	Mass	Cd	Cu	Mn	Mo	Pb	Bi	Ca	Ga	Ge
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	%	ppm	ppm	ppm	g	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
Lower Limit	5	0.2	2	1	1	100	0.05	0.02	1	0.01	0.2	0.1	4		0.5	1	2	2	2	0.10	0.01	1	0.1
Method Code	INAA	MULT INAA / AR-ICP	INAA	MULT INAA / AR-ICP	MULT INAA / AR-ICP	MULT INAA / AR-ICP-MS	INAA	INAA	INAA	INAA	MULT INAA / AR- ICP-MS	INAA	INAA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-MS	AR-ICP	AR-MS	AR-MS
484104-T66	>30000	1.2	17	30	6	<100	0.28	22.6	<1	0.01	0.3	9.7	<4	37.7	<0.5	356	449	<2	17	118	0.02	3	0.2

Results**Activation Laboratories Ltd.****Report: A19-12200**

Analyte Symbol	K	S	Te	Tl
Unit Symbol	%	%	ppm	ppm
Lower Limit	0.01	0.001	0.1	0.1
Method Code	AR-ICP	AR-ICP	AR-MS	AR-MS
484104-T66	0.06	0.154	10.6	< 0.1

Analyte Symbol	Au	Ag	As	Ni	Zn	Ba	Cs	Fe	Hg	Na	Sb	Se	W	Mass	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Ba		
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	%	ppm	ppm	ppm	g	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
Lower Limit	5	5	2	50	50	100	2	0.02	1	0.01	0.2	3	4		0.2	0.5	1	2	2	1	2	1	1		
Method Code	INAA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP														
OREAS 45d (Aqua Regia) Meas																	341	384		190	14	34	85		
OREAS 45d (Aqua Regia) Cert																	345.0	400.000		176.0	17.00	30.6	80		
OREAS 922 (AQUA REGIA) Meas															1.1	< 0.5	2390	782	< 2	32	53	260	94		
OREAS 922 (AQUA REGIA) Cert															0.851	0.28	2176	730	0.69	34.3	60	256	70		
OREAS 923 (AQUA REGIA) Meas															1.4	< 0.5	4540	892	< 2	30	78	339	72		
OREAS 923 (AQUA REGIA) Cert															1.62	0.40	4248	850	0.84	32.7	81	335	54		
OREAS 520 (Aqua Regia) Meas																	2850	2050	52	59	4	22			
OREAS 520 (Aqua Regia) Cert																	2960	2280	62.0	73.0	5.22	20.7			
OREAS 907 (Aqua Regia) Meas																	1.3	< 0.5	6750	353	5	3	35	154	282
OREAS 907 (Aqua Regia) Cert																	1.30	0.540	6370	330	5.64	4.74	34.1	139	225
Oreas 621 (Aqua Regia) Meas																	72.2	284	3870	546	14	24	> 5000	> 10000	
Oreas 621 (Aqua Regia) Cert																	68.0	278	3660	520	13.3	25.8	13600	51700	
OREAS 263 (Aqua Regia) Meas																	0.2	< 0.5	97	530	< 2	75	36	139	223
OREAS 263 (Aqua Regia) Cert																	0.285	0.270	87.0	490	0.570	72.0	34.0	127	175
DMMAS 122b Meas	704	1580			800		3.26		1.99	6.4															
DMMAS 122b Cert	715	1540			1260		3.42		1.92	6.41															
OREAS 130 (Aqua Regia) Meas																	6.0	27.3	227	1580	7	29	1200	> 10000	
OREAS 130 (Aqua Regia) Cert																	6.27	28.8	226	1630	8.25	35.2	1300	16900	
OREAS 153b (Aqua Regia) Meas																	1.5	< 0.5	7160	273	161	9	11	118	33
OREAS 153b (Aqua Regia) Cert																	1.40	0.240	6700	240	156	11.1	12.4	118	22.8
Oreas 623 (Aqua Regia) Meas																	19.8	49.3	> 10000	524	7	11	2230	9120	
Oreas 623 (Aqua Regia) Cert																	20.4	52.0	17200	570	8.38	15.6	2520	10100	
Oreas 623 (Aqua Regia) Meas																	19.7	50.8	> 10000	535	7	12	2280	9260	
Oreas 623 (Aqua Regia) Cert																	20.4	52.0	17200	570	8.38	15.6	2520	10100	
484104-T66 Orig																	1.2	< 0.5	354	443	< 2	26	17	7	23
484104-T66 Dup																	1.3	< 0.5	359	456	< 2	33	16	4	23

Analyte Symbol	Au	Ag	As	Ni	Zn	Ba	Cs	Fe	Hg	Na	Sb	Se	W	Mass	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Ba	
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	%	ppm	ppm	ppm	g	ppm									
Lower Limit	5	5	2	50	50	100	2	0.02	1	0.01	0.2	3	4		0.2	0.5	1	2	2	1	2	1	1	
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	AR-ICP										
Method Blank														< 0.2	< 0.5	< 1	< 2	< 2	< 1	< 2	< 1		8	
Method Blank														< 0.2	< 0.5	< 1	< 2	< 2	< 1	< 2	< 1		9	
Method Blank														< 0.2	< 0.5	< 1	< 2	< 2	< 1	< 2	< 1		10	
Method Blank	< 5	< 5	< 2	< 50	< 50	< 100	< 2	< 0.02	< 1	< 0.01	< 0.2	< 3	< 4	30.0										

Analyte Symbol	Bi	Ca	Cs	Ga	Ge	K	S	Se	Te	Tl
Unit Symbol	ppm	%	ppm	ppm	ppm	%	%	ppm	ppm	ppm
Lower Limit	0.10	0.01	0.05	1	0.1	0.01	0.001	0.1	0.1	0.1
Method Code	AR-MS	AR-ICP	AR-MS	AR-MS	AR-MS	AR-ICP	AR-ICP	AR-MS	AR-MS	AR-MS
OREAS 45d (Aqua Regia) Meas		0.09				0.11	0.038			
OREAS 45d (Aqua Regia) Cert		0.09				0.097	0.045			
OREAS 922 (AQUA REGIA) Meas		0.40				0.52	0.384			
OREAS 922 (AQUA REGIA) Cert		0.324				0.376	0.386			
OREAS 923 (AQUA REGIA) Meas		0.40				0.43	0.670			
OREAS 923 (AQUA REGIA) Cert		0.326				0.322	0.684			
OREAS 520 (Aqua Regia) Meas	3.05	3.18	0.54	14	0.1	0.50	0.898	1.6	0.4	< 0.1
OREAS 520 (Aqua Regia) Cert	2.90	3.84	0.570	13.7	0.250	0.506	1.03	1.73	0.33	0.0900
OREAS 907 (Aqua Regia) Meas	22.5	0.28	1.47	16		0.41	0.066	8.6	0.3	0.1
OREAS 907 (Aqua Regia) Cert	22.3	0.280	1.17	14.7		0.286	0.0660	9.05	0.230	0.120
Oreas 621 (Aqua Regia) Meas		1.57				0.40	4.855			
Oreas 621 (Aqua Regia) Cert		1.65				0.333	4.50			
OREAS 263 (Aqua Regia) Meas	0.59	1.07		5		0.45	0.129		0.2	0.7
OREAS 263 (Aqua Regia) Cert	0.570	1.03		4.92		0.288	0.126		0.210	0.530
DMMAS 122b Meas										
DMMAS 122b Cert										
OREAS 130 (Aqua Regia) Meas		1.45				0.57	5.895			
OREAS 130 (Aqua Regia) Cert		1.81				0.500	6.02			
OREAS 153b (Aqua Regia) Meas		1.33				0.43	1.304			
OREAS 153b (Aqua Regia) Cert		1.32				0.365	1.27			
Oreas 623 (Aqua Regia) Meas	17.6	0.77	0.88	13		0.20	9.167	19.8	0.7	0.3
Oreas 623 (Aqua Regia) Cert	16.9	1.09	0.750	11.9		0.175	8.75	18.6	0.570	0.260
Oreas 623 (Aqua Regia) Meas	17.3	0.82	0.85	13		0.20	9.151	18.5	0.6	0.3
Oreas 623 (Aqua Regia) Cert	16.9	1.09	0.750	11.9		0.175	8.75	18.6	0.570	0.260
484104-T66 Orig	118	0.02	0.28	3	0.2	0.06	0.152	9.7	10.5	< 0.1
484104-T66 Dup	119	0.02	0.28	3	0.2	0.06	0.157	9.7	10.7	< 0.1

Analyte Symbol	Bi	Ca	Cs	Ga	Ge	K	S	Se	Te	Tl
Unit Symbol	ppm	%	ppm	ppm	ppm	%	%	ppm	ppm	ppm
Lower Limit	0.10	0.01	0.05	1	0.1	0.01	0.001	0.1	0.1	0.1
Method Code	AR-MS	AR-ICP	AR-MS	AR-MS	AR-MS	AR-ICP	AR-ICP	AR-MS	AR-MS	AR-MS
Method Blank		< 0.01				< 0.01	< 0.001			
Method Blank	< 0.10	< 0.01	< 0.05	< 1	< 0.1	< 0.01	< 0.001	0.3	< 0.1	< 0.1
Method Blank	< 0.10	< 0.01	< 0.05	< 1	< 0.1	< 0.01	< 0.001	0.3	< 0.1	< 0.1
Method Blank										

Quality Analysis ...



Innovative Technologies

Report No.: A19-13897

Report Date: 16-Oct-19

Date Submitted: 11-Oct-19

Your Reference: WCGP

WARING MINERALS INC
24 Shawglen Way
Ottawa ON K2J 5M2
Canada

ATTN: ROBERT WARING

CERTIFICATE OF ANALYSIS

4 Rock samples were submitted for analysis.

The following analytical package(s) were requested:	Testing Date:
1A3	QOP AA-Au (Au - Fire Assay Gravimetric) 2019-10-16 15:42:12

REPORT **A19-13897**

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Notes:

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Eseme".

Emmanuel Eseme, Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.

41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au
Unit Symbol	g/tonne
Lower Limit	0.03
Method Code	FA-GRA
484104-C2	< 0.03
484104-C1	< 0.03
484104-S8	4.57
484104-N10	5.71

Analyte Symbol	Au
Unit Symbol	g/tonne
Lower Limit	0.03
Method Code	FA-GRA
SQ48 Meas	30.2
SQ48 Cert	30.25
OREAS 229 (Fire Assay) Meas	12.1
OREAS 229 (Fire Assay) Cert	12.1
484104-C2 Orig	< 0.03
484104-C2 Dup	< 0.03
Method Blank	< 0.03
Method Blank	< 0.03

Report No.: A19-15868

Report Date: 11-Dec-19

Date Submitted: 21-Nov-19

Your Reference: WCGP

WARING MINERALS INC
24 Shawglen Way
Ottawa ON K2J 5M2
Canada

ATTN: ROBERT WARING

CERTIFICATE OF ANALYSIS

1 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A4-1000 (100mesh)	QOP AA-Au (Au-Fire Assay-Metallic Screen-1000g)	2019-11-28 15:01:51
1C-OES	QOP PGE-OES (Fire Assay ICPOES)	2019-11-29 14:11:50
1EPI/MS	QOP INAA/geo/QOP AquaGeo/QOP Ultratrace-1 (INAA/Aqua Regia ICPOES/ICPMS)	2019-11-29 14:33:43

REPORT **A19-15868**

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Notes:

A representative 1000 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
 Quality Control Coordinator

ACTIVATION LABORATORIES LTD.

41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
 TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
 E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Results

Activation Laboratories Ltd.

Report: A19-15868

Analyte Symbol	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au	Pd	Pt	Au	Ag	As	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Ba	Bi	Ca
Unit Symbol	g/mt	g/mt	g/mt	g/mt	g	g	g	ppb	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	0.03	0.03	0.03	0.03				2	5	5	5	0.2	2	0.5	1	2	2	1	2	1	100	0.10	0.01
Method Code	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-ICP	FA-ICP	FA-ICP	INAA	MULT INAA / AR-ICP	INAA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	MULT INAA / AR-ICP	AR-ICP	MULT INAA / AR-ICP	AR-MS	AR-ICP	
48423-FCC	1.50	2.81	3.20	2.95	42.82	1036.0	1078.8	30	< 5	< 5	462	< 0.2	< 2	< 0.5	591	368	< 2	7	2	6	< 100	3.57	0.16

Results**Activation Laboratories Ltd.****Report: A19-15868**

Analyte Symbol	Cs	Fe	Ga	Ge	Hg	K	Na	Sb	S	Se	Te	Tl	W	Mass
Unit Symbol	ppm	%	ppm	ppm	ppm	%	%	ppm	%	ppm	ppm	ppm	ppm	g
Lower Limit	0.05	0.02	1	0.1	1	0.01	0.01	0.2	0.001	0.1	0.1	0.1	4	
Method Code	MULT INAA / AR- ICP-MS	INAA	AR-MS	AR-MS	INAA	AR-ICP	INAA	INAA	AR-ICP	MULT INAA / AR- ICP-MS	AR-MS	AR-MS	INAA	INAA
48423-FCC	0.05	3.68	1	0.2	< 1	0.01	0.04	< 0.2	0.602	1.3	0.1	< 0.1	< 4	36.6

Analyte Symbol	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au	Pd	Pt	Au	Ag	Ag	As	Cd	Cu	Mn	Mo	Ni	Ni	Pb	Zn	Zn	
Unit Symbol	g/mt	g/mt	g/mt	g/mt	g	g	g	ppb	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Lower Limit	0.03	0.03	0.03	0.03			2	5	5	5	0.2	5	2	0.5	1	2	2	1	50	2	1	50		
Method Code	FA-MeI	FA-MeI	FA-MeI	FA-MeI	FA-MeI	FA-MeI	FA-ICP	FA-ICP	FA-ICP	INAA	AR-ICP	INAA	INAA	AR-ICP	INAA									
GXR-4 Meas												3.4		< 0.5	6780	146	323	37			44	72		
GXR-4 Cert												4.0		0.860	6520	155	310	42.0			52.0	73.0		
GXR-6 Meas												0.3		< 0.5	67	1040	< 2	20			98	124		
GXR-6 Cert												1.30		1.00	66.0	1010	2.40	27.0			101	118		
GXR-6 Meas																								
GXR-6 Cert																								
OREAS 97 (Aqua Regia) Meas																								
OREAS 97 (Aqua Regia) Cert																								
OREAS 97 (Aqua Regia) Meas																								
OREAS 97 (Aqua Regia) Cert																								
PK2 Meas								4690	5810	4710														
PK2 Cert								4785	5918	4749														
OREAS 45d (Aqua Regia) Meas																								
OREAS 45d (Aqua Regia) Cert																								
OREAS 45d (Aqua Regia) Meas																								
OREAS 45d (Aqua Regia) Cert																								
OxN92 Meas							7.64																	
OxN92 Cert							7.64																	
SQ48 Meas							30.7																	
SQ48 Cert							30.25																	
OREAS 923 (AQUA REGIA) Meas													1.5		< 0.5	4640	901	< 2	32			83	344	
OREAS 923 (AQUA REGIA) Cert													1.62		0.40	4248	850	0.84	32.7			81	335	
OREAS 520 (Aqua Regia) Meas																	2970	2100	54	68		5	19	
OREAS 520 (Aqua Regia) Cert																	2960	2280	62.0	73.0		5.22	20.7	
OREAS 907 (Aqua Regia) Meas													1.3		< 0.5	6710	343	5	5			37	152	
OREAS 907 (Aqua Regia) Cert													1.30		0.540	6370	330	5.64	4.74			34.1	139	
CDN-PGMS-27 Meas								4760	2000	1330														
CDN-PGMS-27 Cert								4800	2000	1290.00														
Oreas 621 (Aqua Regia) Meas													70.9		295	3820	539	13	24			> 5000	> 10000	
Oreas 621 (Aqua Regia) Cert													68.0		278	3660	520	13.3	25.8			13600	51700	
OREAS 263													0.2		< 0.5	93	524	< 2	73			37	136	

Analyte Symbol	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au	Pd	Pt	Au	Ag	Ag	As	Cd	Cu	Mn	Mo	Ni	Ni	Pb	Zn	Zn
Unit Symbol	g/mt	g/mt	g/mt	g/mt	g	g	g	ppb	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.03	0.03	0.03	0.03				2	5	5	5	0.2	5	2	0.5	1	2	2	1	50	2	1	50
Method Code	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-ICP	FA-ICP	FA-ICP	INAA	AR-ICP	INAA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	INAA	AR-ICP	AR-ICP	INAA
(Aqua Regia) Meas																							
OREAS 263 (Aqua Regia) Cert												0.285			0.270	87.0	490	0.570	72.0		34.0	127	
DMMAS 122b Meas												713			1640								
DMMAS 122b Cert												715			1540								
48423-FCC Orig	1.50	2.81	3.20	2.95	42.82	1036.0	1078.8	30	< 5	< 5													
48423-FCC Dup								30	< 5	< 5													
Method Blank											< 0.2				< 0.5	< 1	< 2	< 2	< 1		< 2	< 1	
Method Blank											< 5			< 2							< 50		< 50
Method Blank											< 2	< 5	< 5										
Method Blank											< 2	< 5	< 5										
Method Blank											< 0.2				< 0.5	< 1	< 2	< 2	< 1		< 2	< 1	
Method Blank											< 0.2												
Method Blank											< 0.2												
Method Blank											< 0.2												
Method Blank											< 0.2												

Analyte Symbol	Ba	Ba	Bi	Ca	Cs	Cs	Fe	Ga	Hg	K	Na	Sb	S	Se	Se	Te	Tl	W	Mass
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	g
Lower Limit	1	100	0.10	0.01	0.05	2	0.02	1	1	0.01	0.01	0.2	0.001	0.1	3	0.1	0.1	4	
Method Code	AR-ICP	INAA	AR-MS	AR-ICP	AR-MS	INAA	INAA	AR-MS	INAA	AR-ICP	INAA	INAA	AR-ICP	AR-MS	INAA	AR-MS	AR-MS	INAA	
GXR-4 Meas	22		18.7	0.88	2.51				12		1.78			1.827	5.2		0.9	2.5	
GXR-4 Cert	1640		19.0	1.01	2.80				20.0		4.01			1.77	5.60		0.970	3.20	
GXR-6 Meas	> 500		0.16	0.17	3.44				3		1.16			0.013	0.7		< 0.1	1.7	
GXR-6 Cert	1300		0.290	0.180	4.20				35.0		1.87			0.0160	0.940		0.0180	2.20	
GXR-6 Meas			0.18		3.50				< 1						0.8		< 0.1	1.8	
GXR-6 Cert			0.290		4.20				35.0					0.940		0.0180	2.20		
OREAS 97 (Aqua Regia) Meas				38.5											66.0				
OREAS 97 (Aqua Regia) Cert				40.3											67.3				
OREAS 97 (Aqua Regia) Meas				40.2											57.4				
OREAS 97 (Aqua Regia) Cert				40.3											67.3				
PK2 Meas																			
PK2 Cert																			
OREAS 45d (Aqua Regia) Meas				0.28					18										
OREAS 45d (Aqua Regia) Cert				0.30					17.9										
OREAS 45d (Aqua Regia) Meas				0.27					18										
OREAS 45d (Aqua Regia) Cert				0.30					17.9										
OxN92 Meas																			
OxN92 Cert																			
SQ48 Meas																			
SQ48 Cert																			
OREAS 923 (AQUA REGIA) Meas	69		23.9	0.42	1.81				8		0.44			0.690	5.5			0.2	
OREAS 923 (AQUA REGIA) Cert	54		21.8	0.326	1.56				8.01		0.322			0.684	5.99			0.12	
OREAS 520 (Aqua Regia) Meas				3.41						0.51				0.915					
OREAS 520 (Aqua Regia) Cert				3.84						0.506				1.03					
OREAS 907 (Aqua Regia) Meas	267			0.29						0.40				0.065					
OREAS 907 (Aqua Regia) Cert	225			0.280						0.286				0.0660					
CDN-PGMS-27 Meas																			
CDN-PGMS-27 Cert																			
Oreas 621 (Aqua Regia) Meas			3.97	1.71	1.07				11		0.39			4.733	4.9			0.8	
Oreas 621 (Aqua Regia) Cert			3.85	1.65	1.01				9.29		0.333			4.50	5.64			0.770	
OREAS 263 (Aqua Regia) Meas	207		0.60	1.10					2		0.42			0.125			0.2	0.6	
OREAS 263	175		0.570	1.03					4.92		0.288			0.126			0.210	0.530	

Analyte Symbol	Ba	Ba	Bi	Ca	Cs	Cs	Fe	Ga	Hg	K	Na	Sb	S	Se	Se	Te	Tl	W	Mass
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	g
Lower Limit	1	100	0.10	0.01	0.05	2	0.02	1	1	0.01	0.01	0.2	0.001	0.1	3	0.1	0.1	4	
Method Code	AR-ICP	INAA	AR-MS	AR-ICP	AR-MS	INAA	INAA	AR-MS	INAA	AR-ICP	INAA	INAA	AR-ICP	AR-MS	INAA	AR-MS	AR-MS	INAA	
(Aqua Regia) Cert																			
DMMAS 122b Meas		1100					3.24				1.94	7.0							
DMMAS 122b Cert		1260					3.42				1.92	6.41							
48423-FCC Orig																			
48423-FCC Dup																			
Method Blank	8		< 0.01						< 0.01			< 0.001							
Method Blank		< 100					< 2	< 0.02		< 1		< 0.01	< 0.2			< 3		< 4	30.0
Method Blank																			
Method Blank	9		< 0.01						< 0.01			< 0.001							
Method Blank																			
Method Blank																			

Quality Analysis ...



Innovative Technologies

Report No.: A19-15868-Final2

Report Date: 02-Jan-20

Date Submitted: 21-Nov-19

Your Reference: WCGP

WARING MINERALS INC
24 Shawglen Way
Ottawa ON K2J 5M2
Canada

ATTN: ROBERT WARING

CERTIFICATE OF ANALYSIS

2 Rock samples were submitted for analysis.

The following analytical package(s) were requested:	Testing Date:
1A3	QOP AA-Au (Au - Fire Assay Gravimetric) 2019-12-18 12:19:54

REPORT **A19-15868-Final2**

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Notes:

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Elitsa Hrischeva".

Elitsa Hrischeva, Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.

41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au
Unit Symbol	g/tonne
Lower Limit	0.03
Method Code	FA-GRA
48423-FCC	< 0.03
48423-FCC-remill	1.73

Analyte Symbol	Au
Unit Symbol	g/tonne
Lower Limit	0.03
Method Code	FA-GRA
SQ48 Meas	30.9
SQ48 Cert	30.25
OREAS 229 (Fire Assay) Meas	11.8
OREAS 229 (Fire Assay) Cert	12.1
Method Blank	< 0.03
Method Blank	< 0.03

Quality Analysis ...



Innovative Technologies

Report No.: A20-00349

Report Date: 17-Jan-20

Date Submitted: 10-Jan-20

Your Reference: WCGP

WARING MINERALS INC
24 Shawglen Way
Ottawa ON K2J 5M2
Canada

ATTN: ROBERT WARING

CERTIFICATE OF ANALYSIS

12 Rock samples were submitted for analysis.

The following analytical package(s) were requested:	Testing Date:
1A3	QOP AA-Au (Au - Fire Assay Gravimetric) 2020-01-16 16:13:02

REPORT **A20-00349**

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Notes:

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Eseme".

Emmanuel Eseme, Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.

41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au
Unit Symbol	g/tonne
Lower Limit	0.03
Method Code	FA-GRA
484216-T1	< 0.03
484144-T1	0.76
484130-C	0.16
484477-T1	< 0.03
484219-T1	0.07
9352-PE3	0.10
48423-VJM	42.4
484132-T1	0.71
0308-T2	0.16
484118-T1	0.26
484217-T1	< 0.03
RM.E	< 0.03

Analyte Symbol	Au
Unit Symbol	g/tonne
Lower Limit	0.03
Method Code	FA-GRA
OxN92 Meas	7.82
OxN92 Cert	7.64
OREAS 229 (Fire Assay) Meas	11.8
OREAS 229 (Fire Assay) Cert	12.1
484217-T1 Orig	< 0.03
484217-T1 Dup	< 0.03
Method Blank	< 0.03
Method Blank	< 0.03

Quality Analysis ...



Innovative Technologies

Report No.: A20-01190

Report Date: 07-Feb-20

Date Submitted: 30-Jan-20

Your Reference: WCGP

WARING MINERALS INC
24 Shawglen Way
Ottawa ON K2J 5M2
Canada

ATTN: ROBERT WARING

CERTIFICATE OF ANALYSIS

6 Rock samples were submitted for analysis.

The following analytical package(s) were requested:	Testing Date:
UT-4M	QOP Total/QOP Ultratrace- 4acid Digest (Total Digestion ICPOES/ICPMS) 2020-02-05 13:00:33

REPORT **A20-01190**

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Notes:

The Au from AR-MS is for information purposes, for accurate Au fire assay 1A2 should be requested.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Eseme".

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.

41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Results

Activation Laboratories Ltd.

Report: A20-01190

Analyte Symbol	Al	Ag	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Cs	Fe	Hf	K	La	Li	Na	Nb	Ni	P	Rb
Unit Symbol	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.01	0.1	1	1	1	0.1	0.01	0.1	1	0.2	1	0.1	0.1	0.01	0.1	0.01	0.1	0.1	0.001	0.1	0.1	0.001	0.1
Method Code	TD-MS																						
484138-T2	6.62	< 0.1	< 1	125	< 1	0.6	2.41	< 0.1	32	27.3	77	128	1.1	9.80	1.7	0.70	14.3	17.8	2.40	0.3	33.9	0.106	15.9
48412-WR2	5.88	0.3	< 1	66	1	1.3	0.68	< 0.1	13	40.1	6	298	0.2	4.63	2.2	0.36	7.1	5.4	4.18	4.0	40.2	0.033	5.3
484122-T1	7.46	< 0.1	< 1	303	< 1	< 0.1	1.00	< 0.1	21	18.6	34	3.9	1.8	3.35	0.9	3.99	8.6	31.2	0.409	< 0.1	26.0	0.069	30.0
484104-WR1	5.30	0.1	< 1	14	< 1	0.3	3.54	< 0.1	17	47.4	54	383	0.1	8.21	1.7	0.14	8.3	6.8	1.46	0.2	51.1	0.041	1.0
9352-GRAP2	4.31	0.5	14	110	1	0.3	1.31	0.1	40	9.2	18	161	2.1	3.54	3.2	1.98	20.4	8.0	0.586	3.7	50.8	0.046	63.4
484478-T1	4.71	0.6	4	80	< 1	5.6	0.34	< 0.1	49	109	117	393	1.2	14.2	4.1	1.38	25.1	39.2	1.05	6.6	468	0.161	24.5

Results**Activation Laboratories Ltd.****Report: A20-01190**

Analyte Symbol	Pb	S	Mg	Mn	Mo	Sb	Sc	Sn	Sr	Ta	Th	Tl	Tl	U	V	W	Y	Zn	Zr
Unit Symbol	ppm	%	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm								
Lower Limit	0.1	1	0.01	1	0.1	0.1	1	0.1	1	0.1	0.1	0.001	0.05	0.1	4	0.1	0.1	1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	
484138-T2	2.0	< 1	2.12	2200	0.3	< 0.1	45	1.1	243	< 0.1	2.0	0.590	0.18	0.8	193	0.1	27.1	99	65.9
48412-WR2	3.2	2	0.17	89	1.8	< 0.1	6	0.6	136	0.5	2.9	0.090	< 0.05	1.3	30	1.4	3.6	16	74.4
484122-T1	3.3	< 1	1.44	373	< 0.1	< 0.1	15	0.1	95	< 0.1	1.8	0.186	0.31	0.9	57	< 0.1	15.0	50	38.4
484104-WR1	1.9	< 1	2.54	983	0.3	< 0.1	24	0.4	136	< 0.1	2.5	0.370	< 0.05	0.6	166	< 0.1	23.2	69	66.5
9352-GRAP2	2.7	4	0.67	254	12.0	0.1	8	1.2	59	0.2	4.0	0.182	3.28	2.7	130	1.2	23.9	31	129
484478-T1	10.7	> 10.0	0.88	89	17.5	0.5	11	0.8	22	0.4	6.5	0.425	0.48	9.8	464	0.7	21.6	11	163

Analyte Symbol	Al	Ag	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Cs	Fe	Hf	K	La	Li	Na	Nb	Ni	P	Rb
Unit Symbol	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.01	0.1	1	1	1	0.1	0.01	0.1	1	0.2	1	0.1	0.1	0.01	0.1	0.01	0.1	0.1	0.001	0.1	0.1	0.001	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
SDC-1 Meas	7.18		< 1	665	3		0.98		85	16.7	36	28.3	3.8	4.62	0.8	1.53	39.1	34.0	1.47	< 0.1	31.6	0.060	59.2
SDC-1 Cert	8.34		0.220	630	3.00		1.00		93.00	18.0	64.00	30.000	4.00	4.82	8.30	2.72	42.00	34.0	1.52	21.00	38.0	0.0690	127.00
SDC-1 Meas	7.71		< 1	613	3		0.91		86	18.3	49	34.7	3.7	4.51	0.8	1.37	39.7	33.9	1.58	0.2	34.4	0.055	55.2
SDC-1 Cert	8.34		0.220	630	3.00		1.00		93.00	18.0	64.00	30.000	4.00	4.82	8.30	2.72	42.00	34.0	1.52	21.00	38.0	0.0690	127.00
Oreas 72a (4 Acid Digest) Meas									152	159	298		8.80									5710	
Oreas 72a (4 Acid Digest) Cert									157	228	316		9.63									6930.0	00
DNC-1a Meas				105			7.46		54.1	120	89.2		6.79			3.3	4.4	1.27	1.4	248		3.4	
DNC-1a Cert				118			8.21		57	270	100		6.97			3.6	5.2	1.40	3	247		5	
OREAS 13b (4-Acid) Meas	0.8	57							78.4	8680	1950											1870	
OREAS 13b (4-Acid) Cert	0.86	57							75	8650.0	2327.0	000										2247.0	000
OREAS 13b (4-Acid) Meas	0.8	56							79.5	9540	2060											1940	
OREAS 13b (4-Acid) Cert	0.86	57							75	8650.0	2327.0	000										2247.0	000
OREAS 904 (4 ACID) Meas	6.38	0.5	85	197	8	3.9	0.04		82	88.0	50	5530	3.5	6.32	0.3	1.74	42.1	15.6	0.036		41.6	0.086	59.9
OREAS 904 (4 ACID) Cert	6.30	0.551	98.0	194	7.86	4.05	0.0460		86.0	83.0	54.0	6120	3.79	6.68	5.00	3.31	43.2	16.7	0.0340		40.1	0.0980	130
OREAS 45d (4-Acid) Meas	8.58		6	184	< 1	0.3	0.18		38	32.2	469	372	3.7	14.8	1.6	0.50	17.4	21.0	0.096	0.2	249	0.036	42.0
OREAS 45d (4-Acid) Cert	8.150		13.8	183.0	0.79	0.31	0.185		37.20	29.50	549	371	3.910	14.5	3.830	0.412	16.9	21.5	0.101	14.50	231.0	0.042	42.1
OREAS 45d (4-Acid) Meas	8.16		9	189	< 1	0.3	0.17		39	33.1	512	388	4.0	15.0	2.5	0.50	18.5	22.4	0.099	0.6	258	0.040	44.7
OREAS 45d (4-Acid) Cert	8.150		13.8	183.0	0.79	0.31	0.185		37.20	29.50	549	371	3.910	14.5	3.830	0.412	16.9	21.5	0.101	14.50	231.0	0.042	42.1
OREAS 96 (4 Acid) Meas		11.9				25.7				50.9		> 10000											
OREAS 96 (4 Acid) Cert		11.5				26.3				49.9		39300											
OREAS 96 (4 Acid) Meas		11.9				25.5				51.5		> 10000											
OREAS 96 (4 Acid) Cert		11.5				26.3				49.9		39300											
OREAS 923 (4 Acid) Meas	6.99	1.6	6	395	2	19.0	0.42	0.4	76	22.9	70	3860	5.9	6.11	3.5	1.55	39.1	29.3	0.315	13.5	37.0	0.063	81.3
OREAS 923 (4 Acid) Cert	7.29	1.60	7.61	434	2.42	21.4	0.473	0.420	83.0	23.1	71.0	4230	6.70	6.43	3.42	2.51	42.2	31.4	0.324	14.1	35.8	0.0630	166
OREAS 522 (4 Acid) Meas	3.84	1.3	390		< 1	8.5	3.23		73	506	34	7700	0.6	23.0	2.8	2.96	47.5	14.9	0.582	1.9	67.1	0.086	71.5
OREAS 522 (4 Acid) Cert	3.95	1.31	490		0.700	8.72	3.65		148	550	29.6	9160	0.640	24.6	2.96	2.83	171	16.2	0.633	5.66	70.0	0.0890	82.0
Method Blank	< 0.01	< 0.1	< 1	< 1	< 1	< 0.1	< 0.01	< 0.1	< 1	< 0.2	2	< 0.1	< 0.1	< 0.01	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.1	< 0.1	< 0.001	< 0.1
Method Blank	< 0.01	< 0.1	< 1	< 1	< 1	< 0.1	< 0.01	< 0.1	< 1	< 0.2	4	< 0.1	< 0.1	< 0.01	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.1	< 0.1	< 0.001	< 0.1
Method Blank	< 0.01	< 0.1	< 1	< 1	< 1	< 0.1	< 0.01	< 0.1	< 1	< 0.2	3	0.4	< 0.1	< 0.01	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.1	< 0.1	< 0.001	< 0.1

Analyte Symbol	Pb	S	Mg	Mn	Mo	Sb	Sc	Sn	Sr	Ta	Th	Tl	Tl	U	V	W	Y	Zn	Zr
Unit Symbol	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	1	0.01	1	0.1	0.1	1	0.1	1	0.1	0.001	0.05	0.1	4	0.1	0.1	1	0.1	
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	
SDC-1 Meas	23.9		0.94	824		< 0.1	15	0.3	167	< 0.1	10.6	0.085	0.55	2.4	31	< 0.1		96	29.6
SDC-1 Cert	25.00		1.02	880.00		0.54	17.00	3.00	180.00	1.20	12.00	0.066	0.70	3.10	102.00	0.80		103.00	290.00
SDC-1 Meas	26.2		1.04	861		< 0.1	15	0.3	168	< 0.1	11.6	0.081	0.61	2.7	30	< 0.1		107	27.7
SDC-1 Cert	25.00		1.02	880.00		0.54	17.00	3.00	180.00	1.20	12.00	0.066	0.70	3.10	102.00	0.80		103.00	290.00
Oreas 72a (4 Acid Digest) Meas		2																	
Oreas 72a (4 Acid Digest) Cert		1.74																	
DNC-1a Meas	5.8					0.7	30		136			0.283			139		15.0	59	36.3
DNC-1a Cert	6.3					0.96	31		144			0.29			148		18.0	70	38.0
OREAS 13b (4-Acid) Meas		1			9.2													127	
OREAS 13b (4-Acid) Cert		1.2			9.0													133	
OREAS 13b (4-Acid) Meas		1			8.9													134	
OREAS 13b (4-Acid) Cert		1.2			9.0													133	
OREAS 904 (4 ACID) Meas	12.0	< 1	0.55	398	1.3	0.7	12	1.9	25	< 0.1	14.7		0.53	9.0	64	0.2	30.5	25	22.8
OREAS 904 (4 ACID) Cert	10.6	0.0630	0.556	410	2.12	1.48	11.2	2.83	27.2	0.540	14.3		0.520	8.43	76.0	2.12	31.5	26.3	171
OREAS 45d (4-Acid) Meas	23.5	< 1	0.21	502	0.3	< 0.1	54	0.7	31	< 0.1	15.2	0.190	0.25	2.9	91	< 0.1	11.2	47	61.4
OREAS 45d (4-Acid) Cert	21.8	0.049	0.245	490.000	2.500	0.82	49.30	2.78	31.30	1.02	14.5	0.773	0.27	2.63	235.0	1.62	9.53	45.7	141
OREAS 45d (4-Acid) Meas	25.0	< 1	0.21	526	0.6	< 0.1	56	0.7	32	< 0.1	15.8	0.302	0.27	3.0	131	< 0.1	11.9	48	95.0
OREAS 45d (4-Acid) Cert	21.8	0.049	0.245	490.000	2.500	0.82	49.30	2.78	31.30	1.02	14.5	0.773	0.27	2.63	235.0	1.62	9.53	45.7	141
OREAS 96 (4 Acid) Meas	106	4				4.7		62.1											438
OREAS 96 (4 Acid) Cert	101	4.19				5.09		65.6											457
OREAS 96 (4 Acid) Meas	105	4				4.9		63.9											439
OREAS 96 (4 Acid) Cert	101	4.19				5.09		65.6											457
OREAS 923 (4 Acid) Meas	87.5	< 1	1.66	935	1.0	1.2	13	12.6	39	1.1	15.6	0.365	0.85	3.0	87	4.6	24.0	338	118
OREAS 923 (4 Acid) Cert	83.0	0.691	1.69	950	0.930	1.29	13.1	13.3	43.0	1.11	16.5	0.405	0.860	3.06	91.0	4.85	26.4	345	116
OREAS 522 (4 Acid) Meas	6.6	2	1.11	4050	210	4.5	10	9.0	59	< 0.1	1.2	0.286	0.29	42.2	152	42.3	16.8	28	108
OREAS 522 (4 Acid) Cert	12.5	2.50	1.12	3970	206	7.93	10.9	9.32	199	0.440	7.53	0.344	0.290	42.2	164	135	18.5	30.2	112
Method Blank	< 0.1	< 1	< 0.01	5	0.2	< 0.1	< 1	< 0.1	< 1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.1	< 4	< 0.1	< 0.1	< 1	< 0.1
Method Blank	< 0.1	< 1	< 0.01	4	< 0.1	< 0.1	< 1	< 0.1	< 1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.1	< 4	< 0.1	< 0.1	< 1	< 0.1
Method Blank	< 0.1	< 1	< 0.01	4	< 0.1	< 0.1	< 1	< 0.1	< 1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.1	< 4	< 0.1	< 0.1	< 1	< 0.1

Quality Analysis ...



Innovative Technologies

Report No.: A20-01190-1A3

Report Date: 11-Feb-20

Date Submitted: 30-Jan-20

Your Reference: WCGP

WARING MINERALS INC
24 Shawglen Way
Ottawa ON K2J 5M2
Canada

ATTN: ROBERT WARING

CERTIFICATE OF ANALYSIS

6 Rock samples were submitted for analysis.

The following analytical package(s) were requested:	Testing Date:
1A3	QOP AA-Au (Au - Fire Assay Gravimetric) 2020-02-11 13:57:58

REPORT **A20-01190-1A3**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Eseme".

Emmanuel Eseme, Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.

41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au
Unit Symbol	g/tonne
Lower Limit	0.03
Method Code	FA-GRA
484138-T2	0.20
48412-WR2	0.03
484104-WR1	< 0.03
9352-GRAP2	0.07
484478-T1	0.09

Analyte Symbol	Au
Unit Symbol	g/tonne
Lower Limit	0.03
Method Code	FA-GRA
SQ48 Meas	30.3
SQ48 Cert	30.25
SN75 Meas	8.85
SN75 Cert	8.67
484104-WR1 Orig	< 0.03
484104-WR1 Dup	< 0.03
Method Blank	< 0.03
Method Blank	< 0.03

Quality Analysis ...



Innovative Technologies

Report No.: A20-01561

Report Date: 24-Feb-20

Date Submitted: 07-Feb-20

Your Reference: WCGP

WARING MINERALS INC
24 Shawglen Way
Ottawa ON K2J 5M2
Canada

ATTN: ROBERT WARING

CERTIFICATE OF ANALYSIS

5 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A3	QOP AA-Au (Au - Fire Assay Gravimetric)	2020-02-11 13:57:58
1EPI/MS	QOP INAAGEO/QOP AquaGeo/QOP Ultratrace-1 (INAA/Aqua Regia ICPOES/ICPMS)	2020-02-11 11:17:15
UT-1M	QOP Ultratrace-1 (Aqua Regia ICPMS)	

REPORT **A20-01561**

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Notes:

The Au from AR-MS is for information purposes, for accurate Au fire assay 1A2 should be requested.

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Eseme".

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.

41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Results

Activation Laboratories Ltd.

Report: A20-01561

Analyte Symbol	Au	Au	Ag	As	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Ba	Ca	Cs	Fe	Ge	Hg	K	Na	Sb	S	Se	Te
Unit Symbol	g/tonne	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	%	ppm	ppm	%	%	ppm	%	ppm	ppm	ppm
Lower Limit	0.03	5	0.2	2	0.5	1	2	2	1	2	100	0.01	0.05	0.02	0.1	1	0.01	0.01	0.2	0.001	0.1	0.1	
Method Code	FA-GRA	INAA	MULT INAA / AR-ICP	INAA	AR-ICP	AR-ICP	AR-ICP	MULT INAA / AR-ICP-MS	INAA	AR-MS	INAA	AR-ICP	INAA	INAA	AR-ICP	MULT INAA / AR-ICP-MS	AR-MS						
9382-T100	0.08	43	1.2	< 2	< 0.5	926	269	< 2	48	4	28	100	0.12	2.74	12.5	0.2	< 1	0.64	0.37	0.6	0.871	3.0	0.4
484143-IF1	< 0.03																						
9382-PORP2																							
52211-T2																							
5229-T2																							

Results

Activation Laboratories Ltd.

Report: A20-01561

Analyte Symbol	Tl	W	Mass	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	
Unit Symbol	ppm	ppm	g	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	
Lower Limit	0.1	4		0.1	0.01	0.5	0.5	20	0.5	0.1	0.01	0.1	0.1	1	0.2	0.01	1	0.01	0.01	1	0.01	1	0.1	
Method Code	AR-MS	INAA	INAA	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS															
9382-T100	0.6	21	34.0							454								10						
484143-IF1																								
9382-PORP2	< 0.1			0.7	0.46	4.4	< 0.5	< 20	28.5	0.4	0.10	< 0.1	2.0	5	9.4	1.15	3	0.03	0.07	12	0.19	181	0.4	
52211-T2	< 0.1			< 0.1	0.45	< 0.5	< 0.5	< 20	339	7.5	2.78	< 0.1	19.7	8	39.7	3.26	4	< 0.01	0.14	46	0.27	757	5.1	
5229-T2	1.7			< 0.1	5.09	< 0.5	< 0.5	< 20	4190	0.6	0.86	< 0.1	40.9	145	13.9	8.72	< 1	0.01	> 5.00	83	5.31	1470	0.5	

Results**Activation Laboratories Ltd.****Report: A20-01561**

Analyte Symbol	Na	Ni	P	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	V	W	Zn
Unit Symbol	%	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Lower Limit	0.001	0.1	0.001	0.1	1	0.1	0.1	0.5	1	0.2	0.1	0.001	2	0.1	1
Method Code	AR-MS														
9382-T100															
484143-IF1															
9382-PORP2	0.087	3.1	0.010	8.7	< 1	0.9	1.3	0.6	6	< 0.2	15.2	0.012	9	1.2	17
52211-T2	0.127	19.8	0.020	5.1	< 1	< 0.1	2.5	< 0.5	120	< 0.2	2.6	0.025	97	0.7	25
5229-T2	0.077	288	0.230	2.5	< 1	< 0.1	12.6	0.5	68	< 0.2	4.1	0.895	169	0.2	235

Analyte Symbol	Au	Au	Ag	Ag	As	Cd	Cu	Mn	Mo	Ni	Ni	Pb	Zn	Zn	Ba	Ba	Bi	Ca	Cs	Cs	Fe	Ga	Ge
Unit Symbol	g/tonne	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
Lower Limit	0.03	5	0.2	5	2	0.5	1	2	2	1	50	2	1	50	1	100	0.10	0.01	0.05	2	0.02	1	0.1
Method Code	FA-GRA	INAA	AR-ICP	INAA	INAA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	INAA	AR-ICP	INAA	AR-MS	AR-ICP	AR-MS	INAA	INAA	AR-MS	AR-MS
OREAS 45d (Aqua Regia) Meas							345	408		194		17	34		88		0.24	0.09					17
OREAS 45d (Aqua Regia) Cert							345.0	400.000		176.0		17.00	30.6		80		0.30	0.09					17.9
OREAS 45d (Aqua Regia) Meas							369	428		208		15	35		87		0.27	0.09					18
OREAS 45d (Aqua Regia) Cert							345.0	400.000		176.0		17.00	30.6		80		0.30	0.09					17.9
SQ48 Meas	30.6																						
SQ48 Cert	30.25																						
SQ48 Meas	30.3																						
SQ48 Cert	30.25																						
OREAS 922 (AQUA REGIA) Meas		0.8			< 0.5	2120	758	< 2	36		61	243		84		10.7	0.37	1.96			8	< 0.1	
OREAS 922 (AQUA REGIA) Cert		0.851			0.28	2176	730	0.69	34.3		60	256		70		10.3	0.324	1.76			7.62	0.10	
OREAS 922 (AQUA REGIA) Meas		0.8			< 0.5	2250	755	< 2	33		59	265		82		11.0	0.38	1.82			8	< 0.1	
OREAS 922 (AQUA REGIA) Cert		0.851			0.28	2176	730	0.69	34.3		60	256		70		10.3	0.324	1.76			7.62	0.10	
OREAS 922 (AQUA REGIA) Meas																							
OREAS 922 (AQUA REGIA) Cert																							
OREAS 923 (AQUA REGIA) Meas		1.5			< 0.5	4240	905	< 2	34		81	338		72		22.3	0.36	1.66			8		
OREAS 923 (AQUA REGIA) Cert		1.62			0.40	4248	850	0.84	32.7		81	335		54		21.8	0.326	1.56			8.01		
OREAS 923 (AQUA REGIA) Meas		1.5			< 0.5	4430	871	< 2	30		81	344		68		22.5	0.38	1.55			9		
OREAS 923 (AQUA REGIA) Cert		1.62			0.40	4248	850	0.84	32.7		81	335		54		21.8	0.326	1.56			8.01		
OREAS 923 (AQUA REGIA) Meas																							
OREAS 923 (AQUA REGIA) Cert																							
OREAS 520 (Aqua Regia) Meas						2750	2290	64	76		6	19				2.99	3.72	0.51			13	0.1	
OREAS 520 (Aqua Regia) Cert						2960	2280	62.0	73.0		5.22	20.7				2.90	3.84	0.570			13.7	0.250	
OREAS 520 (Aqua Regia) Meas						2790	2030	53	66		4	19				3.04	3.19	0.50			13	0.1	
OREAS 520						2960	2280	62.0	73.0		5.22	20.7				2.90	3.84	0.570			13.7	0.250	

Analyte Symbol	Au	Au	Ag	Ag	As	Cd	Cu	Mn	Mo	Ni	Ni	Pb	Zn	Zn	Ba	Ba	Bi	Ca	Cs	Cs	Fe	Ga	Ge
Unit Symbol	g/tonne	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
Lower Limit	0.03	5	0.2	5	2	0.5	1	2	2	1	50	2	1	50	1	100	0.10	0.01	0.05	2	0.02	1	0.1
Method Code	FA-GRA	INAA	AR-ICP	INAA	INAA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	INAA	AR-ICP	AR-ICP	INAA	AR-ICP	INAA	AR-MS	AR-ICP	AR-MS	INAA	INAA	AR-MS	AR-MS
(Aqua Regia) Cert																							
OREAS 520 (Aqua Regia) Meas																							
OREAS 520 (Aqua Regia) Cert																							
OREAS 907 (Aqua Regia) Meas			1.3			0.6	6210	333	6	5		35	135		257		22.3	0.26	1.33			14	
OREAS 907 (Aqua Regia) Cert			1.30			0.540	6370	330	5.64	4.74		34.1	139		225		22.3	0.280	1.17			14.7	
OREAS 907 (Aqua Regia) Meas			1.4			< 0.5	6360	355	5	4		35	149		255		22.3	0.27	1.33			16	
OREAS 907 (Aqua Regia) Cert			1.30			0.540	6370	330	5.64	4.74		34.1	139		225		22.3	0.280	1.17			14.7	
OREAS 907 (Aqua Regia) Meas																							
OREAS 907 (Aqua Regia) Cert																							
SN75 Meas	8.66																						
SN75 Cert	8.67																						
SN75 Meas	8.85																						
SN75 Cert	8.67																						
Oreas 621 (Aqua Regia) Meas			64.7			279	3670	543	11	29		> 5000	> 10000				4.00	1.56	1.01			10	
Oreas 621 (Aqua Regia) Cert			68.0			278	3660	520	13.3	25.8		13600	51700				3.85	1.65	1.01			9.29	
Oreas 621 (Aqua Regia) Meas			71.4			297	3730	539	12	25		> 5000	> 10000				4.10	1.62	1.00			11	
Oreas 621 (Aqua Regia) Cert			68.0			278	3660	520	13.3	25.8		13600	51700				3.85	1.65	1.01			9.29	
Oreas 621 (Aqua Regia) Meas																							
Oreas 621 (Aqua Regia) Cert																							
OREAS 263 (Aqua Regia) Meas			0.3			< 0.5	92	481	< 2	76		35	126		193		0.55	0.94				4	
OREAS 263 (Aqua Regia) Cert			0.285			0.270	87.0	490	0.570	72.0		34.0	127		175		0.570	1.03				4.92	
OREAS 263 (Aqua Regia) Meas			0.3			< 0.5	88	512	< 2	72		35	132		195		0.56	1.01				5	
OREAS 263 (Aqua Regia) Cert			0.285			0.270	87.0	490	0.570	72.0		34.0	127		175		0.570	1.03				4.92	
OREAS 263 (Aqua Regia) Meas																							
OREAS 263 (Aqua Regia) Cert																							
DMMAS 122b Meas		701			1540											800					3.11		
DMMAS 122b Cert		715			1540											1260					3.42		
OREAS 130 (Aqua Regia)			6.3			32.0	246	1740	8	35		1250	> 10000				3.21	1.67	2.88			5	

Analyte Symbol	Au	Au	Ag	Ag	As	Cd	Cu	Mn	Mo	Ni	Ni	Pb	Zn	Zn	Ba	Ba	Bi	Ca	Cs	Cs	Fe	Ga	Ge	
Unit Symbol	g/tonne	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	
Lower Limit	0.03	5	0.2	5	2	0.5	1	2	2	1	50	2	1	50	1	100	0.10	0.01	0.05	2	0.02	1	0.1	
Method Code	FA-GRA	INAA	AR-ICP	INAA	INAA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	INAA	AR-ICP	INAA	AR-ICP	AR-MS	AR-ICP	AR-MS	INAA	INAA	AR-MS	
Meas																								
OREAS 130 (Aqua Regia) Cert			6.27			28.8	226	1630	8.25	35.2		1300	16900				3.05	1.81	2.96				4.78	
OREAS 130 (Aqua Regia) Meas			6.2			29.7	229	1610	7	31		1310	> 10000				3.19	1.65	2.94				5	
OREAS 130 (Aqua Regia) Cert			6.27			28.8	226	1630	8.25	35.2		1300	16900				3.05	1.81	2.96				4.78	
OREAS 130 (Aqua Regia) Meas																								
OREAS 130 (Aqua Regia) Cert																								
OREAS 153b (Aqua Regia) Meas			1.5			< 0.5	6860	267	162	12		14	118		32		1.71	1.35	0.23				8	
OREAS 153b (Aqua Regia) Cert			1.40			0.240	6700	240	156	11.1		12.4	118		22.8		1.81	1.32	0.260				8.06	
OREAS 153b (Aqua Regia) Meas			1.5			< 0.5	6780	265	161	11		12	119		31		1.72	1.28	0.23				8	
OREAS 153b (Aqua Regia) Cert			1.40			0.240	6700	240	156	11.1		12.4	118		22.8		1.81	1.32	0.260				8.06	
OREAS 153b (Aqua Regia) Meas																								
OREAS 153b (Aqua Regia) Cert																								
Oreas 623 (Aqua Regia) Meas			19.0			55.6	> 10000	550	9	15		2260	8970				17.3	0.99	0.70				13	
Oreas 623 (Aqua Regia) Cert			20.4			52.0	17200	570	8.38	15.6		2520	10100				16.9	1.09	0.750				11.9	
Oreas 623 (Aqua Regia) Meas			19.4			50.4	> 10000	518	7	13		2290	9200				16.8	0.95	0.70				13	
Oreas 623 (Aqua Regia) Cert			20.4			52.0	17200	570	8.38	15.6		2520	10100				16.9	1.09	0.750				11.9	
Oreas 623 (Aqua Regia) Meas																								
Oreas 623 (Aqua Regia) Cert																								
9382-T100 Orig	0.07		1.2			< 0.5	921	273	< 2	48		6	28		102		460	0.12	2.71				10	0.2
9382-T100 Dup	0.10		1.1			< 0.5	931	265	< 2	49		6	27		103		448	0.12	2.76				10	0.2
9382-T100 Orig			1.1			< 0.5	949	268	< 2	44		4	28		97			0.12						
9382-T100 Dup			1.2			< 0.5	982	275	< 2	45		5	28		97			0.12						
484143-IF1 Orig	< 0.03																							
484143-IF1 Dup	< 0.03																							
Method Blank			< 0.2			< 0.5	< 1	< 2	< 2	< 1		< 2	< 1		7		< 0.10	< 0.01	< 0.05			< 1	< 0.1	
Method Blank			< 0.2			< 0.5	< 1	< 2	< 2	< 1		< 2	< 1		8		< 0.10	< 0.01	< 0.05			< 1	< 0.1	
Method Blank																								
Method Blank			< 0.03																					
Method Blank			< 0.03																					
Method Blank			< 5		< 5	< 2						< 50			< 50		< 100				< 2	< 0.02		
Method Blank			< 0.03																					
Method Blank			< 0.03																					

Analyte Symbol	Hg	K	Na	Sb	S	Se	Se	Te	Tl	W	Mass	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu					
Unit Symbol	ppm	%	%	ppm	%	ppm	ppm	ppm	ppm	ppm	g	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm					
Lower Limit	1	0.01	0.01	0.2	0.001	0.1	3	0.1	0.1	4		0.1	0.01	0.5	0.5	20	0.5	0.1	0.01	0.1	0.1	1	0.2					
Method Code	INAA	AR-ICP	INAA	INAA	AR-ICP	AR-MS	INAA	AR-MS	AR-MS	INAA	INAA	AR-MS	AR-MS	AR-MS	AR-MS													
OREAS 45d (Aqua Regia) Meas					0.12									5.77	4.7	18.1		87.6	0.2	0.09		26.3	453	345				
OREAS 45d (Aqua Regia) Cert					0.097									4.860	6.50	21		80	0.30	0.09		26.2	467	345.0				
OREAS 45d (Aqua Regia) Meas					0.12									5.62	4.6	13.5		87.5	0.3	0.10		26.0	472	340				
OREAS 45d (Aqua Regia) Cert					0.097									4.860	6.50	21		80	0.30	0.09		26.2	467	345.0				
SQ48 Meas																												
SQ48 Cert																												
SQ48 Meas																												
SQ48 Cert																												
OREAS 922 (AQUA REGIA) Meas					0.44									0.8	2.82	4.9			83.8	10.7	0.37	0.3	18.6	47	2120			
OREAS 922 (AQUA REGIA) Cert					0.376									0.851	2.72	6.12			70	10.3	0.324	0.28	19.4	40.7	2176			
OREAS 922 (AQUA REGIA) Meas					0.44									0.8	3.01	5.4			86.7	11.0	0.40	0.3	19.1	49	2180			
OREAS 922 (AQUA REGIA) Cert					0.376									0.851	2.72	6.12			70	10.3	0.324	0.28	19.4	40.7	2176			
OREAS 922 (AQUA REGIA) Meas														0.2														
OREAS 922 (AQUA REGIA) Cert														0.14														
OREAS 923 (AQUA REGIA) Meas														0.2														
OREAS 923 (AQUA REGIA) Cert					0.41									0.734	5.9				1.5	2.92	5.5		72.1	22.3	0.36			
OREAS 923 (AQUA REGIA) Meas					0.322									0.684	5.99				1.62	2.80	7.07			54	21.8	0.326		
OREAS 923 (AQUA REGIA) Cert					0.39									0.686	5.9				1.6	2.99	5.7			72.0	22.5	0.40		
OREAS 923 (AQUA REGIA) Meas					0.322									0.684	5.99				1.62	2.80	7.07				54	21.8	0.326	
OREAS 923 (AQUA REGIA) Cert					0.48									1.000	1.6				0.12						22.2	39.4	4248	
OREAS 923 (AQUA REGIA) Meas					0.322									1.03	1.73				0.33									
OREAS 923 (AQUA REGIA) Cert					0.48									0.911	1.5				0.3	< 0.1								
OREAS 520 (Aqua Regia) Meas					0.48									1.000	1.6				0.33	0.0900						3.0	3.72	2750
OREAS 520 (Aqua Regia) Cert					0.506									1.03	1.73				0.33							2.90	3.84	2960
OREAS 520 (Aqua Regia) Meas					0.48									0.911	1.5				0.3	< 0.1						3.0	3.86	2650
OREAS 520 (Aqua Regia) Cert					0.506									1.03	1.73				0.33	0.0900						2.90	3.84	2960

Analyte Symbol	Hg	K	Na	Sb	S	Se	Se	Te	Tl	W	Mass	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	
Unit Symbol	ppm	%	%	ppm	%	ppm	ppm	ppm	ppm	ppm	g	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
Lower Limit	1	0.01	0.01	0.2	0.001	0.1	3	0.1	0.1	4		0.1	0.01	0.5	0.5	20	0.5	0.1	0.01	0.1	0.1	1	0.2	
Method Code	INAA	AR-ICP	INAA	INAA	AR-ICP	AR-MS	INAA	AR-MS	AR-MS	INAA	INAA	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	
OREAS 520 (Aqua Regia) Meas										0.1														
OREAS 520 (Aqua Regia) Cert										0.0900														
OREAS 907 (Aqua Regia) Meas		0.35		0.154	8.8		0.2				1.3	1.20	34.7	95.1		257	22.3	0.26	0.6	42.8	9	6210		
OREAS 907 (Aqua Regia) Cert		0.286		0.0660	9.05		0.230				1.30	0.945	37.0	101		225	22.3	0.280	0.540	43.7	8.59	6370		
OREAS 907 (Aqua Regia) Meas		0.37		0.064	8.8		0.3	0.1			1.3	1.14	35.4	94.3		263	22.3	0.28	0.5	43.7	9	6330		
OREAS 907 (Aqua Regia) Cert		0.286		0.0660	9.05		0.230	0.120			1.30	0.945	37.0	101		225	22.3	0.280	0.540	43.7	8.59	6370		
OREAS 907 (Aqua Regia) Meas									0.2															
OREAS 907 (Aqua Regia) Cert									0.120															
SN75 Meas																								
SN75 Cert																								
SN75 Meas																								
SN75 Cert																								
Oreas 621 (Aqua Regia) Meas		0.35		3.959	5.2						64.7	1.82	77.7	> 1000				4.0	1.56	279.3	29.4	36	3670	
Oreas 621 (Aqua Regia) Cert		0.333		4.50	5.64						68.0	1.60	75.0	1230				3.85	1.65	278	27.9	31.3	3660	
Oreas 621 (Aqua Regia) Meas		0.36		4.414	5.3			0.8			68.3	1.82	81.1	> 1000				4.1	1.71	281.3	31.2	38	3800	
Oreas 621 (Aqua Regia) Cert		0.333		4.50	5.64			0.770			68.0	1.60	75.0	1230				3.85	1.65	278	27.9	31.3	3660	
Oreas 621 (Aqua Regia) Meas								0.9																
Oreas 621 (Aqua Regia) Cert								0.770																
OREAS 263 (Aqua Regia) Meas		0.35		0.195		0.2					0.3	1.67	27.8			193	0.5	0.94	0.2	30.2	55	91.7		
OREAS 263 (Aqua Regia) Cert		0.288		0.126		0.210					0.285	1.29	30.8			175	0.570	1.03	0.270	31.0	48.0	87.0		
OREAS 263 (Aqua Regia) Meas		0.36		0.118		0.2	0.5				0.3	1.77	28.4			203	0.6	1.04	0.3	31.6	58	90.9		
OREAS 263 (Aqua Regia) Cert		0.288		0.126		0.210	0.530				0.285	1.29	30.8			175	0.570	1.03	0.270	31.0	48.0	87.0		
OREAS 263 (Aqua Regia) Meas							0.6																	
OREAS 263 (Aqua Regia) Cert							0.530																	
DMMAS 122b Meas			1.95	7.0																				
DMMAS 122b Cert			1.92	6.41																				
OREAS 130 (Aqua Regia) Meas		0.59		5.332		0.2					6.3	1.24	206					3.2	1.67	32.0	28.8	27	246	
OREAS 130		0.500		6.02		0.170					6.27	1.10	205					3.05	1.81	28.8	27.1	23.2	226	

Analyte Symbol	Hg	K	Na	Sb	S	Se	Se	Te	Tl	W	Mass	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu
Unit Symbol	ppm	%	%	ppm	%	ppm	ppm	ppm	ppm	ppm	g	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	1	0.01	0.01	0.2	0.001	0.1	3	0.1	0.1	4		0.1	0.01	0.5	0.5	20	0.5	0.1	0.01	0.1	0.1	1	0.2
Method Code	INAA	AR-ICP	INAA	INAA	AR-ICP	AR-MS	INAA	AR-MS	AR-MS	INAA	INAA	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
(Aqua Regia) Cert																							
OREAS 130 (Aqua Regia) Meas		0.55			5.900			0.2	5.3			6.2	1.22	208				3.2	1.75	29.4	27.3	27	242
OREAS 130 (Aqua Regia) Cert		0.500			6.02			0.170	5.92			6.27	1.10	205				3.05	1.81	28.8	27.1	23.2	226
OREAS 130 (Aqua Regia) Meas									4.8														
OREAS 130 (Aqua Regia) Cert									5.92														
OREAS 153b (Aqua Regia) Meas		0.42			1.336	10.9		0.2				1.5	2.81	80.9	312		32.3	1.7	1.35	0.3	15.6	19	6860
OREAS 153b (Aqua Regia) Cert		0.365			1.27	10.5		0.250				1.40	2.28	80.0	320		22.8	1.81	1.32	0.240	14.9	16.2	6700
OREAS 153b (Aqua Regia) Meas		0.39			1.260	11.1		0.2	< 0.1			1.5	2.74	81.4	305		33.3	1.7	1.37	0.3	15.8	20	6800
OREAS 153b (Aqua Regia) Cert		0.365			1.27	10.5		0.250	0.0640			1.40	2.28	80.0	320		22.8	1.81	1.32	0.240	14.9	16.2	6700
OREAS 153b (Aqua Regia) Meas									< 0.1														
OREAS 153b (Aqua Regia) Cert									0.0640														
Oreas 623 (Aqua Regia) Meas		0.17			7.733	18.1		0.5				19.0	1.81	75.9	803			17.3	0.99	55.6	215	18	> 10000
Oreas 623 (Aqua Regia) Cert		0.175			8.75	18.6		0.570				20.4	1.80	76.0	797			16.9	1.09	52.0	216	19.4	17200
Oreas 623 (Aqua Regia) Meas		0.17			8.641	18.5		0.6	0.3			20.1	1.72	78.3	781			16.8	1.05	53.1	212	18	> 10000
Oreas 623 (Aqua Regia) Cert		0.175			8.75	18.6		0.570	0.260			20.4	1.80	76.0	797			16.9	1.09	52.0	216	19.4	17200
Oreas 623 (Aqua Regia) Meas									0.3														
Oreas 623 (Aqua Regia) Cert									0.260														
9382-T100 Orig		0.68			0.898	3.1		0.3	0.6														
9382-T100 Dup		0.63			0.875	2.9		0.4	0.6														
9382-T100 Orig		0.64			0.862																		
9382-T100 Dup		0.65			0.880																		
484143-IF1 Orig																							
484143-IF1 Dup																							
Method Blank		< 0.01			0.107	0.6		< 0.1				< 0.1	< 0.01	< 0.5	< 0.5	< 20	7.3	< 0.1	< 0.01	< 0.1	< 0.1	< 1	< 0.2
Method Blank		< 0.01			< 0.001	0.6		< 0.1	< 0.1			< 0.1	< 0.01	< 0.5	0.6	< 20	7.6	< 0.1	< 0.01	< 0.1	< 0.1	2	< 0.2
Method Blank									< 0.1														
Method Blank																							
Method Blank	< 1		< 0.01	< 0.2			< 3			< 4	30.0												
Method Blank																							
Method Blank																							

Analyte Symbol	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	V	W	Zn	
Unit Symbol	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	%	ppm	%	ppm	ppm	ppm	ppm							
Lower Limit	0.01	1	0.01	0.01	1	0.01	1	0.1	0.001	0.1	0.001	0.1	1	0.1	0.1	0.5	1	0.2	0.1	0.001	2	0.1	1	
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	
OREAS 45d (Aqua Regia) Meas	13.0	17		0.12	11	0.15	408		0.041	194	0.032	17.3	< 1		40.9		12		10.8		184		34	
OREAS 45d (Aqua Regia) Cert	13.650	17.9		0.097	9.960	0.144	400.000		0.031	176.0	0.035	17.00	0.045		41.50		11.0		11.3		201.0		30.6	
OREAS 45d (Aqua Regia) Meas	13.2	18		0.12	11	0.15	388		0.042	198	0.032	17.2	< 1		40.9		13		11.0		182		33	
OREAS 45d (Aqua Regia) Cert	13.650	17.9		0.097	9.960	0.144	400.000		0.031	176.0	0.035	17.00	0.045		41.50		11.0		11.3		201.0		30.6	
SQ48 Meas																								
SQ48 Cert																								
SQ48 Meas																								
SQ48 Cert																								
OREAS 922 (AQUA REGIA) Meas	5.10	8		0.44	34	1.28	758	0.8	0.026	36.3	0.063	61.0	< 1	0.7	3.7	3.2	16		15.7		32	1.3	243	
OREAS 922 (AQUA REGIA) Cert	5.05	7.62		0.376	32.5	1.33	730	0.69	0.021	34.3	0.063	60	0.386	0.57	3.15	3.44	15.0		14.5		29.4	1.12	256	
OREAS 922 (AQUA REGIA) Meas	5.26	8		0.48	37	1.34	771	0.8	0.027	36.8	0.064	61.3	< 1	0.4	3.7	3.3	16		16.2		33	1.1	260	
OREAS 922 (AQUA REGIA) Cert	5.05	7.62		0.376	32.5	1.33	730	0.69	0.021	34.3	0.063	60	0.386	0.57	3.15	3.44	15.0		14.5		29.4	1.12	256	
OREAS 922 (AQUA REGIA) Meas																								
OREAS 922 (AQUA REGIA) Cert																								
OREAS 923 (AQUA REGIA) Meas	5.95	8		0.41	32	1.39	905	0.9		34.3	0.059	81.2	< 1	0.7	3.7	5.9	15		15.4		32	1.8	338	
OREAS 923 (AQUA REGIA) Cert	5.91	8.01		0.322	30.0	1.43	850	0.84		32.7	0.061	81	0.684	0.58	3.09	5.99	13.6		14.3		30.6	1.96	335	
OREAS 923 (AQUA REGIA) Meas	5.91	9		0.42	34	1.46	874	0.9		34.5	0.060	79.6	< 1	0.5	3.5	5.9	14		15.8		33	1.8	340	
OREAS 923 (AQUA REGIA) Cert	5.91	8.01		0.322	30.0	1.43	850	0.84		32.7	0.061	81	0.684	0.58	3.09	5.99	13.6		14.3		30.6	1.96	335	
OREAS 923 (AQUA REGIA) Meas																								
OREAS 923 (AQUA REGIA) Cert																								
OREAS 520 (Aqua Regia) Meas	15.7	13		0.48	72	1.10	2290	63.8	0.061	75.9	0.074	5.8	1	2.1	12.2	1.6	32	0.3	7.4	0.156	248	27.7	19	
OREAS 520 (Aqua Regia) Cert	15.74	13.7		0.506	83.0	1.14	2280	62.0	0.0520	73.0	0.0740	5.22	1.03	1.97	11.8	1.73	36.0	0.33	8.03	0.135	247	29.6	20.7	
OREAS 520 (Aqua Regia) Meas	15.4	13		0.51	72	1.09	2220	67.6	0.065	73.1	0.073	5.7	1	2.0	11.2	1.5	35	0.3	7.5	0.149	248	29.2	19	
OREAS 520 (Aqua Regia) Cert	15.74	13.7		0.506	83.0	1.14	2280	62.0	0.0520	73.0	0.0740	5.22	1.03	1.97	11.8	1.73	36.0	0.33	8.03	0.135	247	29.6	20.7	

Analyte Symbol	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	V	W	Zn
Unit Symbol	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	0.01	1	0.01	0.01	1	0.01	1	0.1	0.001	0.1	0.001	0.1	1	0.1	0.1	0.5	1	0.2	0.1	0.001	2	0.1	1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS								
OREAS 520 (Aqua Regia) Meas																							
OREAS 520 (Aqua Regia) Cert																							
OREAS 907 (Aqua Regia) Meas	7.75	14		0.35	36	0.18	333	5.6	0.097	4.7	0.023	35.3	< 1	2.5	2.3	8.8	12	< 0.2	8.8	0.023	5	1.0	135
OREAS 907 (Aqua Regia) Cert	8.18	14.7		0.286	36.1	0.221	330	5.64	0.0860	4.74	0.0240	34.1	0.0660	2.28	2.16	9.05	11.7	0.230	8.04	0.0170	5.12	0.980	139
OREAS 907 (Aqua Regia) Meas	8.13	16		0.39	37	0.17	331	5.7	0.097	4.9	0.023	34.7	< 1	1.9	2.4	8.8	13	0.3	8.8	0.025	5	0.8	139
OREAS 907 (Aqua Regia) Cert	8.18	14.7		0.286	36.1	0.221	330	5.64	0.0860	4.74	0.0240	34.1	0.0660	2.28	2.16	9.05	11.7	0.230	8.04	0.0170	5.12	0.980	139
OREAS 907 (Aqua Regia) Meas																							
OREAS 907 (Aqua Regia) Cert																							
SN75 Meas																							
SN75 Cert																							
SN75 Meas																							
SN75 Cert																							
Oreas 621 (Aqua Regia) Meas	3.36	10	3.10	0.35	20	0.46	543	11.4	0.183	28.6	0.033	> 5000	4	117	2.6	5.2	20		5.7		12	1.0	> 5000
Oreas 621 (Aqua Regia) Cert	3.43	9.29	3.93	0.333	19.4	0.436	520	13.3	0.160	25.8	0.0335	13600	4.50	107	2.20	5.64	18.9		5.91		10.9	1.00	51700
Oreas 621 (Aqua Regia) Meas	3.71	11	2.94	0.38	21	0.46	558	12.6	0.191	29.8	0.035	> 5000	5	99.1	2.5	5.3	20		5.8		13	1.0	> 5000
Oreas 621 (Aqua Regia) Cert	3.43	9.29	3.93	0.333	19.4	0.436	520	13.3	0.160	25.8	0.0335	13600	4.50	107	2.20	5.64	18.9		5.91		10.9	1.00	51700
Oreas 621 (Aqua Regia) Meas																							
Oreas 621 (Aqua Regia) Cert																							
OREAS 263 (Aqua Regia) Meas	3.56	4	0.14	0.35		0.58	481	0.6	0.084	75.7	0.041	35.0	< 1	7.9	3.6		18	< 0.2	11.2		25		126
OREAS 263 (Aqua Regia) Cert	3.68	4.92	0.170	0.288		0.593	490	0.570	0.0790	72.0	0.0410	34.0	0.126	7.37	3.52		16.9	0.210	10.6		22.8		127
OREAS 263 (Aqua Regia) Meas	3.67	5	0.16	0.38		0.61	499	0.6	0.092	75.8	0.044	35.0	< 1	5.0	3.7		18	< 0.2	11.6		26		131
OREAS 263 (Aqua Regia) Cert	3.68	4.92	0.170	0.288		0.593	490	0.570	0.0790	72.0	0.0410	34.0	0.126	7.37	3.52		16.9	0.210	10.6		22.8		127
OREAS 263 (Aqua Regia) Meas																							
OREAS 263 (Aqua Regia) Cert																							
DMMAS 122b Meas																							
DMMAS 122b Cert																							
OREAS 130 (Aqua Regia) Meas	7.23	5	0.60	0.59	26	0.92	1740	8.3		35.4	0.084	1250	5	4.8	3.5		23	0.2	10.9	0.033	38	1.3	> 5000
OREAS 130	7.27	4.78	0.670	0.500	26.4	0.892	1630	8.25		35.2	0.0860	1300	6.02	4.69	3.42		23.2	0.170	10.3	0.0270	33.1	1.40	16900

Analyte Symbol	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	V	W	Zn
Unit Symbol	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	%	ppm	%	ppm	ppm	ppm	ppm						
Lower Limit	0.01	1	0.01	0.01	1	0.01	1	0.1	0.001	0.1	0.001	0.1	1	0.1	0.1	0.5	1	0.2	0.1	0.001	2	0.1	1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
(Aqua Regia) Cert																							
OREAS 130 (Aqua Regia) Meas	7.11	5	0.55	0.59	27	0.94	1660	8.9		37.1	0.088	1230	6	5.0	3.7		24	0.2	11.0	0.032	36	1.4	> 5000
OREAS 130 (Aqua Regia) Cert	7.27	4.78	0.670	0.500	26.4	0.892	1630	8.25		35.2	0.0860	1300	6.02	4.69	3.42		23.2	0.170	10.3	0.0270	33.1	1.40	16900
OREAS 130 (Aqua Regia) Meas																							
OREAS 130 (Aqua Regia) Cert																							
OREAS 153b (Aqua Regia) Meas	3.67	8	0.08	0.42	4	1.60	267	162	0.184	12.2	0.049	13.5	1	2.3	10.5	10.9	37	0.2	0.4	0.061	172		118
OREAS 153b (Aqua Regia) Cert	3.60	8.06	0.0660	0.365	3.79	1.47	240	156	0.148	11.1	0.0470	12.4	1.27	2.12	9.98	10.5	31.4	0.250	0.350	0.0500	153		118
OREAS 153b (Aqua Regia) Meas	3.82	8	0.10	0.42	4	1.58	269	168	0.185	12.2	0.049	13.3	1	1.6	10.9	11.1	37	0.2	0.4	0.058	169		122
OREAS 153b (Aqua Regia) Cert	3.60	8.06	0.0660	0.365	3.79	1.47	240	156	0.148	11.1	0.0470	12.4	1.27	2.12	9.98	10.5	31.4	0.250	0.350	0.0500	153		118
OREAS 153b (Aqua Regia) Meas																							
OREAS 153b (Aqua Regia) Cert																							
Oreas 623 (Aqua Regia) Meas	12.5	13	0.61	0.17	18	1.07	550	8.8	0.081	15.1	0.039	2260	8	22.0	5.0	18.1	16	0.5	4.7		16	2.2	> 5000
Oreas 623 (Aqua Regia) Cert	13.0	11.9	0.830	0.175	17.9	1.11	570	8.38	0.0680	15.6	0.0400	2520	8.75	20.2	4.63	18.6	14.2	0.570	4.72		15.8	2.62	10100
Oreas 623 (Aqua Regia) Meas	12.5	13	0.56	0.18	18	1.06	544	10.0	0.079	14.7	0.039	2210	9	22.2	4.5	18.5	15	0.6	4.7		16	2.4	> 5000
Oreas 623 (Aqua Regia) Cert	13.0	11.9	0.830	0.175	17.9	1.11	570	8.38	0.0680	15.6	0.0400	2520	8.75	20.2	4.63	18.6	14.2	0.570	4.72		15.8	2.62	10100
Oreas 623 (Aqua Regia) Meas																							
Oreas 623 (Aqua Regia) Cert																							
9382-T100 Orig																							
9382-T100 Dup																							
9382-T100 Orig																							
9382-T100 Dup																							
484143-IF1 Orig																							
484143-IF1 Dup																							
Method Blank	< 0.01	< 1	0.02	< 0.01	< 1	< 0.01	< 1	< 0.1	0.011	< 0.1	0.001	< 0.1	< 1	< 0.1	< 0.1	0.6	< 1	< 0.2	< 0.1	< 0.001	< 2	< 0.1	< 1
Method Blank	< 0.01	< 1	0.07	< 0.01	< 1	< 0.01	< 1	< 0.1	0.012	< 0.1	< 0.001	< 0.1	< 1	< 0.1	< 0.1	0.6	< 1	< 0.2	< 0.1	< 0.001	< 2	< 0.1	< 1
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							

Quality Analysis ...



Innovative Technologies

Report No.: A20-11811-Revised

Report Date: 05-Oct-20

Date Submitted: 28-Sep-20

Your Reference: WCG

WARING MINERALS INC
24 Shawglen Way
Ottawa ON K2J 5M2
Canada

ATTN: ROBERT WARING

CERTIFICATE OF ANALYSIS

8 Rock samples were submitted for analysis.

The following analytical package(s) were requested:	Testing Date:
1A3-50	QOP AA-Au (Au - Fire Assay Gravimetric) 2020-10-02 11:39:47

REPORT **A20-11811-Revised**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Eseme".

Emmanuel Eseme, Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.

41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au
Unit Symbol	g/tonne
Lower Limit	0.02
Method Code	FA-GRA
LT0001-T1	< 0.02
LT0001-T2	< 0.02
LT0002-T1	< 0.02
LT0003-T1	< 0.02
LT0004-T1	< 0.02
HP0001-T1	0.08
HP0001-T2	< 0.02
HP0002-T1	< 0.02

Analyte Symbol	Au
Unit Symbol	g/tonne
Lower Limit	0.02
Method Code	FA-GRA
OxP116 Meas	14.9
OxP116 Cert	14.9
OREAS 216b Meas	6.62
OREAS 216b Cert	6.66
Method Blank	< 0.02
Method Blank	< 0.02

Quality Analysis ...



Innovative Technologies

Report No.: A21-00492

Report Date: 26-Jan-21

Date Submitted: 11-Jan-21

Your Reference: WCGP

WARING MINERALS INC
24 Shawglen Way
Ottawa ON K2J 5M2
Canada

ATTN: ROBERT WARING

CERTIFICATE OF ANALYSIS

4 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A3-50	QOP AA-Au (Au - Fire Assay Gravimetric)	2021-01-14 15:00:23
1EPI/MS	QOP INAAGEO/QOP AquaGeo/QOP Ultratrace-1 (INAA/Aqua Regia ICPOES/ICPMS)	2021-01-18 20:16:07

REPORT **A21-00492**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Eseme".

Emmanuel Eseme, Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.

41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Results

Activation Laboratories Ltd.

Report: A21-00492

Analyte Symbol	Au	Au	Ag	As	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Ba	Bi	Ca	Cs	Fe	Ga	Ge	Hg	K	Na	Sb	S	
Unit Symbol	g/tonne	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
Lower Limit	0.02	5	0.2	2	0.5	1	2	2	1	2	1	100	0.10	0.01	0.05	0.02	1	0.1	1	0.01	0.01	0.2	0.001	
Method Code	FA-GRA	INAA	MULT INAA / AR-ICP	INAA	AR-ICP	AR-ICP	AR-ICP	MULT INAA / AR-ICP	AR-ICP	MULT INAA / AR-ICP	AR-MS	AR-ICP	MULT INAA / AR-ICP-MS	INAA	AR-MS	AR-MS	INAA	AR-ICP	INAA	INAA	AR-ICP			
LT0004-T4		0.10																						
LT0011-T1		< 0.02																						
WC0001-SQV		< 0.02																						
WC002-20ME			< 5	< 0.2	< 2	< 0.5	58	1550	< 2	60	7	119	< 100	0.32	2.62	1.35	8.75	11	0.2	< 1	0.87	0.64	0.3	1.126

Results**Activation Laboratories Ltd.****Report: A21-00492**

Analyte Symbol	Se	Te	Tl	W	Mass
Unit Symbol	ppm	ppm	ppm	ppm	g
Lower Limit	0.1	0.1	0.1	4	
Method Code	MULT INAA / AR- ICP-MS	AR-MS	AR-MS	INAA	INAA
LT0004-T4					
LT0011-T1					
WC0001-SQV					
WC002-20ME	1.2	< 0.1	0.3	< 4	34.1

Analyte Symbol	Au	Au	Ag	Ag	As	Cd	Cu	Mn	Mo	Ni	Ni	Pb	Zn	Zn	Ba	Ba	Bi	Ca	Cs	Cs	Fe	Ga	Ge
Unit Symbol	g/tonne	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
Lower Limit	0.02	5	0.2	5	2	0.5	1	2	2	1	50	2	1	50	1	100	0.10	0.01	0.05	2	0.02	1	0.1
Method Code	FA-GRA	INAA	AR-ICP	INAA	INAA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	INAA	AR-ICP	INAA	AR-MS	AR-ICP	AR-MS	INAA	INAA	AR-MS	AR-MS
OREAS 45d (Aqua Regia) Meas							351	413		198		14	34		80		0.29	0.09					18
OREAS 45d (Aqua Regia) Cert							345.0	400.000		176.0		17.00	30.6		80		0.30	0.09					17.9
OREAS 922 (AQUA REGIA) Meas			0.7		< 0.5	2240	768	< 2	32		60	268		85		11.4	0.42	2.24				9	< 0.1
OREAS 922 (AQUA REGIA) Cert			0.851			0.28	2176	730	0.69	34.3		60	256		70		10.3	0.324	1.76			7.62	0.10
OREAS 923 (AQUA REGIA) Meas			1.3		< 0.5	4140	861	< 2	29		81	323		63		20.8	0.39	1.67				9	
OREAS 923 (AQUA REGIA) Cert			1.62			0.40	4248	850	0.84	32.7		81	335		54		21.8	0.326	1.56			8.01	
OREAS 520 (Aqua Regia) Meas							2730	2010	54	64		6	26				2.97	3.33	0.57			14	0.1
OREAS 520 (Aqua Regia) Cert							2960	2280	62.0	73.0		5.22	20.7				2.90	3.84	0.570			13.7	0.250
OREAS 907 (Aqua Regia) Meas			1.2		< 0.5	6250	343	5	3		36	156		242		22.3	0.28	1.37				16	
OREAS 907 (Aqua Regia) Cert			1.30			0.540	6370	330	5.64	4.74		34.1	139		225		22.3	0.280	1.17			14.7	
OREAS 905 (INAA) Meas		406		36										60		2700					10	4.12	
OREAS 905 (INAA) Cert		391		36.2										139		2800					7.10	4.23	
Oreas 621 (Aqua Regia) Meas			65.5			275	3450	515	13	24		> 5000	> 10000				4.06	1.61	1.04				11
Oreas 621 (Aqua Regia) Cert			68.0			278	3660	520	13.3	25.8		13600	51700				3.85	1.65	1.01				9.29
OREAS 229b (Fire Assay) Meas	12.0																						
OREAS 229b (Fire Assay) Cert	11.9																						
OREAS 263 (Aqua Regia) Meas			< 0.2		< 0.5	85	500	< 2	70		41	150		193			1.06						
OREAS 263 (Aqua Regia) Cert			0.285			0.270	87.0	490	0.570	72.0		34.0	127		175			1.03					
OREAS 130 (Aqua Regia) Meas			6.0			28.6	225	1570	7	30		1270	> 10000				3.07	1.69	2.67				5
OREAS 130 (Aqua Regia) Cert			6.27			28.8	226	1630	8.25	35.2		1300	16900				3.05	1.81	2.96				4.78
Oreas 623 (Aqua Regia) Meas			17.5		48.0 > 10000	494	6	11		2150	8590					17.4	0.97	0.67				13	
Oreas 623 (Aqua Regia) Cert			20.4		52.0	17200	570	8.38	15.6		2520	10100				16.9	1.09	0.750				11.9	
OREAS 228 Meas	8.63																						
OREAS 228 Cert	8.73																						
Method Blank			< 0.2		< 0.5	< 1	< 2	< 2	< 1		< 2	< 1	< 1	< 1		< 0.10	< 0.01	< 0.05			< 1	< 0.1	
Method Blank			< 5		< 5	< 2				< 50		< 50		< 100						< 2	< 0.02		
Method Blank			< 0.02																				

Analyte Symbol	Au	Au	Ag	Ag	As	Cd	Cu	Mn	Mo	Ni	Ni	Pb	Zn	Zn	Ba	Ba	Bi	Ca	Cs	Cs	Fe	Ga	Ge
Unit Symbol	g/tonne	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
Lower Limit	0.02	5	0.2	5	2	0.5	1	2	2	1	50	2	1	50	1	100	0.10	0.01	0.05	2	0.02	1	0.1
Method Code	FA-GRA	INAA	AR-ICP	INAA	INAA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	INAA	AR-ICP	AR-ICP	INAA	AR-ICP	INAA	AR-MS	AR-ICP	AR-MS	INAA	INAA	AR-MS	AR-MS
Method Blank	< 0.02																						

Analyte Symbol	Hg	K	Na	Sb	S	Se	Se	Te	Tl	W	Mass
Unit Symbol	ppm	%	%	ppm	%	ppm	ppm	ppm	ppm	ppm	g
Lower Limit	1	0.01	0.01	0.2	0.001	0.1	3	0.1	0.1	4	
Method Code	INAA	AR-ICP	INAA	INAA	AR-ICP	AR-MS	INAA	AR-MS	AR-MS	INAA	INAA
OREAS 45d (Aqua Regia) Meas		0.12			0.043						
OREAS 45d (Aqua Regia) Cert		0.097			0.045						
OREAS 922 (AQUA REGIA) Meas		0.47			0.375	3.7			0.2		
OREAS 922 (AQUA REGIA) Cert		0.376			0.386	3.44			0.14		
OREAS 923 (AQUA REGIA) Meas		0.36			0.668	6.7			0.2		
OREAS 923 (AQUA REGIA) Cert		0.322			0.684	5.99			0.12		
OREAS 520 (Aqua Regia) Meas		0.46			0.927	1.7		0.3	< 0.1		
OREAS 520 (Aqua Regia) Cert		0.506			1.03	1.73		0.33	0.0900		
OREAS 907 (Aqua Regia) Meas		0.34			0.067	10.5		0.2	0.1		
OREAS 907 (Aqua Regia) Cert		0.286			0.0660	9.05		0.230	0.120		
OREAS 905 (INAA) Meas				2.1						< 4	
OREAS 905 (INAA) Cert				1.96						3.02	
Oreas 621 (Aqua Regia) Meas		0.34			4.695	5.0			0.8		
Oreas 621 (Aqua Regia) Cert		0.333			4.50	5.64			0.770		
OREAS 229b (Fire Assay) Meas											
OREAS 229b (Fire Assay) Cert											
OREAS 263 (Aqua Regia) Meas		0.38			0.124						
OREAS 263 (Aqua Regia) Cert		0.288			0.126						
OREAS 130 (Aqua Regia) Meas		0.54			6.135			0.1	4.5		
OREAS 130 (Aqua Regia) Cert		0.500			6.02			0.170	5.92		
Oreas 623 (Aqua Regia) Meas		0.15			7.723	21.3		0.5	0.2		
Oreas 623 (Aqua Regia) Cert		0.175			8.75	18.6		0.570	0.260		
OREAS 228 Meas											
OREAS 228 Cert											
Method Blank	< 0.01			< 0.001	0.5		< 0.1	< 0.1			
Method Blank	< 1		< 0.01	< 0.2			< 3		< 4	30.0	
Method Blank											
Method Blank											

Quality Analysis ...



Innovative Technologies

Report No.: A21-00885

Report Date: 19-Feb-21

Date Submitted: 18-Jan-21

Your Reference: WCGP

WARING MINERALS INC
24 Shawglen Way
Ottawa ON K2J 5M2
Canada

ATTN: ROBERT WARING

CERTIFICATE OF ANALYSIS

4 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A3-50	QOP AA-Au (Au - Fire Assay Gravimetric)	2021-02-05 10:47:08
1EPI/MS	QOP INAAGEO/QOP AquaGeo/QOP Ultratrace-1 (INAA/Aqua Regia ICPOES/ICPMS)	2021-01-26 10:41:28

REPORT **A21-00885**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Eseme".

Emmanuel Eseme, Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.

41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Results

Activation Laboratories Ltd.

Report: A21-00885

Analyte Symbol	Au	Au	Ag	As	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Ba	Bi	Ca	Cs	Fe	Ga	Ge	Hg	K	Na	Sb	S
Unit Symbol	g/tonne	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%
Lower Limit	0.02	5	0.2	2	0.5	1	2	2	1	2	1	100	0.10	0.01	0.05	0.02	1	0.1	1	0.01	0.01	0.2	0.001
Method Code	FA-GRA	INAA	MULT INAA / AR-ICP	INAA	AR-ICP	AR-ICP	AR-ICP	MULT INAA / AR-ICP	AR-ICP	MULT INAA / AR-ICP	AR-MS	AR-ICP	MULT INAA / AR-ICP-MS	INAA	AR-MS	AR-MS	INAA	AR-ICP	INAA	INAA	AR-ICP		
LT0009-T1	< 0.02																						
LT0011-T2	< 0.02																						
5225-QV	0.13	91	< 0.2	< 2	< 0.5	7	91	8	3	< 2	7	< 100	0.39	0.03	0.42	0.92	2	< 0.1	< 1	0.04	2.86	< 0.2	0.025
DH001-SDQV	4.53																						

Results**Activation Laboratories Ltd.****Report: A21-00885**

Analyte Symbol	Se	Te	Tl	W	Mass
Unit Symbol	ppm	ppm	ppm	ppm	g
Lower Limit	0.1	0.1	0.1	4	
Method Code	MULT INAA / AR- ICP-MS	AR-MS	AR-MS	INAA	INAA
LT0009-T1					
LT0011-T2					
5225-QV	0.3	< 0.1	< 0.1	< 4	8.02
DH001-SDQV					

Analyte Symbol	Au	Au	Ag	Ag	As	Cd	Cu	Mn	Mo	Ni	Ni	Pb	Zn	Zn	Ba	Ba	Bi	Ca	Cs	Cs	Fe	Ga	Ge
Unit Symbol	g/tonne	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
Lower Limit	0.02	5	0.2	5	2	0.5	1	2	2	1	50	2	1	50	1	100	0.10	0.01	0.05	2	0.02	1	0.1
Method Code	FA-GRA	INAA	AR-ICP	INAA	INAA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	INAA	AR-ICP	AR-ICP	INAA	AR-ICP	INAA	AR-MS	AR-ICP	AR-MS	INAA	INAA	AR-MS	AR-MS
OREAS 45d (Aqua Regia) Meas																	0.28						18
OREAS 45d (Aqua Regia) Cert																	0.30						17.9
OREAS 922 (AQUA REGIA) Meas																	10.9		1.70				7 < 0.1
OREAS 922 (AQUA REGIA) Cert																	10.3		1.76				7.62 0.10
OREAS 923 (AQUA REGIA) Meas																	22.3		1.64				8
OREAS 923 (AQUA REGIA) Cert																	21.8		1.56				8.01
OREAS 522 (Aqua Regia) Meas																	8.79		0.46				12
OREAS 522 (Aqua Regia) Cert																	8.87		0.520				13.2
OREAS 522 (Aqua Regia) Meas																	9.18		0.45				13
OREAS 522 (Aqua Regia) Cert																	8.87		0.520				13.2
OREAS 907 (Aqua Regia) Meas		1.1			< 0.5	6420	340	5	6		34	142		241		22.9	0.30	1.28					16
OREAS 907 (Aqua Regia) Cert		1.30			0.540	6370	330	5.64	4.74		34.1	139		225		22.3	0.280	1.17					14.7
OREAS 905 (INAA) Meas	384		36												< 50		3000					9 4.07	
OREAS 905 (INAA) Cert	391		36.2												139		2800					7.10 4.23	
Oreas 621 (Aqua Regia) Meas																		4.05		0.94			10
Oreas 621 (Aqua Regia) Cert																	3.85		1.01				9.29
OREAS 229b (Fire Assay) Meas	12.1																						
OREAS 229b (Fire Assay) Cert	11.9																						
OREAS 263 (Aqua Regia) Meas		< 0.2			< 0.5	87	507	< 2	67		34	126		186		0.59	1.11						5
OREAS 263 (Aqua Regia) Cert		0.285			0.270	87.0	490	0.570	72.0		34.0	127		175		0.570	1.03						4.92
OREAS 130 (Aqua Regia) Meas																		3.12		2.81			5
OREAS 130 (Aqua Regia) Cert																	3.05		2.96				4.78
Oreas 623 (Aqua Regia) Meas		18.1			47.1	> 10000	531	6	17		2160	8820				18.2	1.06	0.74					13
Oreas 623 (Aqua Regia) Cert		20.4			52.0	17200	570	8.38	15.6		2520	10100				16.9	1.09	0.750					11.9
OREAS 228 Meas	8.67																						

Analyte Symbol	Au	Au	Ag	Ag	As	Cd	Cu	Mn	Mo	Ni	Ni	Pb	Zn	Zn	Ba	Ba	Bi	Ca	Cs	Cs	Fe	Ga	Ge
Unit Symbol	g/tonne	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
Lower Limit	0.02	5	0.2	5	2	0.5	1	2	2	1	50	2	1	50	1	100	0.10	0.01	0.05	2	0.02	1	0.1
Method Code	FA-GRA	INAA	AR-ICP	INAA	INAA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	INAA	AR-ICP	AR-ICP	INAA	AR-ICP	INAA	AR-MS	AR-ICP	AR-MS	INAA	INAA	AR-MS	AR-MS
OREAS 228 Cert	8.73																						
LT0011-T2 Orig	< 0.02																						
LT0011-T2 Dup	< 0.02																						
Method Blank			< 0.2			< 0.5	< 1	< 2	< 2	< 1		< 2	4		5		< 0.10	< 0.01	< 0.05			< 1	< 0.1
Method Blank																	< 0.10	< 0.05				< 1	< 0.1
Method Blank			< 5		< 5	< 2					< 50		< 50		< 100						< 2	< 0.02	
Method Blank			< 0.02																				
Method Blank			< 0.02																				

Analyte Symbol	Hg	K	Na	Sb	S	Se	Se	Te	Tl	W	Mass
Unit Symbol	ppm	%	%	ppm	%	ppm	ppm	ppm	ppm	ppm	g
Lower Limit	1	0.01	0.01	0.2	0.001	0.1	3	0.1	0.1	4	
Method Code	INAA	AR-ICP	INAA	INAA	AR-ICP	AR-MS	INAA	AR-MS	AR-MS	INAA	INAA
OREAS 45d (Aqua Regia) Meas											
OREAS 45d (Aqua Regia) Cert											
OREAS 922 (AQUA REGIA) Meas					3.0			0.2			
OREAS 922 (AQUA REGIA) Cert					3.44			0.14			
OREAS 923 (AQUA REGIA) Meas					6.0			0.2			
OREAS 923 (AQUA REGIA) Cert					5.99			0.12			
OREAS 522 (Aqua Regia) Meas					2.5		1.1	0.1			
OREAS 522 (Aqua Regia) Cert					3.06		1.11	0.130			
OREAS 522 (Aqua Regia) Meas					2.7		1.2	0.1			
OREAS 522 (Aqua Regia) Cert					3.06		1.11	0.130			
OREAS 907 (Aqua Regia) Meas		0.33			0.065	8.6		0.2	0.2		
OREAS 907 (Aqua Regia) Cert		0.286			0.0660	9.05		0.230	0.120		
OREAS 905 (INAA) Meas				2.1						< 4	
OREAS 905 (INAA) Cert				1.96						3.02	
Oreas 621 (Aqua Regia) Meas					4.8			0.8			
Oreas 621 (Aqua Regia) Cert					5.64			0.770			
OREAS 229b (Fire Assay) Meas											
OREAS 229b (Fire Assay) Cert											
OREAS 263 (Aqua Regia) Meas		0.35			0.125		0.2	0.6			
OREAS 263 (Aqua Regia) Cert		0.288			0.126		0.210	0.530			
OREAS 130 (Aqua Regia) Meas							0.2	4.9			
OREAS 130 (Aqua Regia) Cert							0.170	5.92			
Oreas 623 (Aqua Regia) Meas		0.16			8.777	18.7		0.7	0.3		
Oreas 623 (Aqua Regia) Cert		0.175			8.75	18.6		0.570	0.260		
OREAS 228 Meas											
OREAS 228 Cert											

Analyte Symbol	Hg	K	Na	Sb	S	Se	Se	Te	Tl	W	Mass
Unit Symbol	ppm	%	%	ppm	%	ppm	ppm	ppm	ppm	ppm	g
Lower Limit	1	0.01	0.01	0.2	0.001	0.1	3	0.1	0.1	4	
Method Code	INAA	AR-ICP	INAA	INAA	AR-ICP	AR-MS	INAA	AR-MS	AR-MS	INAA	INAA
LT0011-T2 Orig											
LT0011-T2 Dup											
Method Blank		< 0.01			< 0.001	0.3		< 0.1	< 0.1		
Method Blank						0.2		< 0.1	< 0.1		
Method Blank	< 1		< 0.01	< 0.2			< 3			< 4	10.0
Method Blank											
Method Blank											

Partial summary report on expenses with receipts related to minerals exploration at the Waring Creek Gold Property from 2019-06-24 to 2021-08-27

Receipt number	Date	Item	Vendor	Description	Cost
1	2019-07-19	Assay	Actlabs	A19-09043	\$157.30
2	2019-07-26	Assay	Actlabs	A19-09472	\$177.07
3	2019-08-22	Assay	Actlabs	A19-11011	\$113.00
4	2019-08-20	Assay	Actlabs	A19-10628	\$150.69
5	2019-09-12	Assay	Actlabs	A19-12199	\$452.06
6	2019-12-23	Assay	Actlabs	A19-12200	\$380.53
7	2019-12-23	Assay	Actlabs	A19-12200B	\$45.20
8	2019-10-19	Assay	Actlabs	A19-13897	\$200.91
9	2019-11-21	Assay	Actlabs	A19-15868	\$220.86
10	2019-11-21	Assay	Actlabs	A19-15868B	\$40.12
11	2020-01-20	Assay	Actlabs	A20-00349	\$304.42
12	2020-02-24	Sample Return	Actlabs	A20-00349B	\$22.55
13	2020-01-20	Assay	Actlabs	A20-01190	\$201.37
14	2020-02-20	Assay	Actlabs	A20-01190B	\$94.92
15	2020-02-11	Assay	Actlabs	A20-01561	\$168.94
16	2020-02-19	Assay	Actlabs	A20-01561B	\$31.74
18	2020-09-20	Assay	Actlabs	A20-11811	\$293.35
19	2020-12-12	Assay	Actlabs	A20-16090	\$222.10
20	2021-01-19	Assay	Actlabs	A21-00492	\$218.88
21	2021-01-21	Assay	Actlabs	A21-00885	\$211.71
22	2019-09-05	Excavator Rental	Battlefield	Cat 311-1Week	\$5,460.51
23	2020-06-23	Excavator Rental	Battlefield	Cat 304-1Weekend	\$1,121.01
24	2020-09-11	Excavator Rental	Battlefield	Cat 304-1Weekend	\$1,157.39
25	2021-04-01	Saftey fencing	Home Depot	Fencing for excavated pits	\$121.77
26	2019-07-02	SDS chisel	Amazon	Extracting samples	\$38.40
27	2020-03-18	Dust extractor-chainmill	Amazon	Sampling	\$38.49
28	2019-08-23	Head lamp	Amazon	Night work	\$67.74
29	2019-09-12	Faceshield	Amazon	PPE	\$81.69
30	2021-02-10	Parrallel generator	Amazon	connecting two 2500W generators	\$101.69
31	2021-03-31	Dexpan	Amazon	Extracting samples	\$147.00
32	2019-09-03	Hand tools-head lamp	Amazon	Extracting samples-night work	\$215.27
33	2020-12-15	2hp motor-chainmill	Amazon	Upgrade for chainmill	\$354.80
34	2021-08-22	Pressure washer	Amazon	Cleaning outcrops	\$507.37
35	2020-07-10	Westinghouse inverter/generator	Amazon	Used for core drill-chainmill etc	\$858.79
36	2020-08-21	Truck maintaince	Mr. Lube	Routine maintanice	\$194.33
37	2020-05-13	High Pressure Water Pump	Princess Auto	Cleaning outcrops	\$564.99
38	2020-06-21	Diesel	Shell	Diesel for excavator	\$55.58
39	2020-06-26	Gas	Esso	Fuel used to commute to claim	\$72.28
40	2020-06-15	Electric Motor 1hp	Princess Auto	Used with chain mill for sampling	\$282.48
41	2020-09-03	Diesel	Petro Canada	Fuel for excavator	\$60.00
42	2020-06-19	Diesel	Shell	Fuel for excavator	\$19.00
43	2020-07-03	Gas	Esso	Fuel used to commute to claim	\$65.48
44	2021-07-28	Gas	Esso	Fuel used to commute to claim	\$39.38
45	2020-04-02	Gas	Macewen	Fuel used to commute to claim	\$45.87
46	2020-09-03	Gas	Esso	Fuel used to commute to claim	\$50.17
47	2020-08-16	Gas	Ultramar	Fuel used to commute to claim	\$52.20
48	2020-07-31	Gas	Esso	Fuel used to commute to claim	\$60.00
49	2020-06-18	Gas	Ultramar	Fuel used to commute to claim	\$65.24
50	2021-08-21	Gas	Petro Canada	Fuel used to commute to claim	\$67.60
51	2020-11-05	Gas	On the run	Fuel used to commute to claim	\$68.31
52	2020-09-16	Gas	Esso	Fuel used to commute to claim	\$71.17
53	2020-08-21	Gas	On the run	Fuel used to commute to claim	\$72.26
54	2020-07-23	Gas	Pioneer	Fuel used to commute to claim	\$74.81
55	2020-10-19	Gas	On the run	Fuel used to commute to claim	\$75.00
56	2020-10-23	Gas	Esso	Fuel used to commute to claim	\$75.61
57	2021-06-24	Gas	Petro Canada	Fuel used to commute to claim	\$87.32

\$16,198.72 Total

Prospecting report

Claim unit with the iron-formation expired 2021-09. Although re-claimed upon opening it is not eligible to be part of this report

Date	Work performed by	Work performed	Rocks and Mineralization observed	Sample description	Sample Coordinates	Assay batch/Map	Claim number	Area Coordinates	Hours worked	Cost per hour	Equipment used	Work assessment value	Millage \$0.59 per km @ 365 km round trip
2019-06-24	Robert Waring	GRP	Quartz Porphyry with Quartz Carbonate Veining	484104-T12: Chip sample, 3 cm wide steeply dipping quartz carbonate vein	N44.8471 W77.3424	A19-12199 Map 1	217832	N44.8465 W77.3430	12	\$31.00	Hand tools	\$372.00	\$215.35
2019-07-01	Robert Waring	GRP	Shear Zone hosted flatlying sigmoidal Quartz vein	9352-PE1: Chip sample 30 cm wide flatlying Quartz carbonated vein in H. Dowhaluk shear zone	N44.8307 W77.3339	A19-12200 Map 2	241324	N44.8308 W77.3338	12	\$31.00	Hand tools	\$372.00	\$215.35
2019-08-07	Robert Waring	GRP	Quartz Porphyry with Quartz Carbonate Veining	484112-T12: Chip sample 10 cm wide Steeply dipping Qv	N44.8475 W77.3224	A19-12199 Map 1	217832	N44.8465 W77.3430	12	\$31.00	Hand tools	\$372.00	\$215.35
2019-08-08	Robert Waring	GRP	Quartz Porphyry with Quartz Carbonate Veining	484110-T12: Chip sample across 20 cm of Silicous Pyritic Iron Formation	N44.8475 W77.3427	A19-12199 Map 1	217832	N44.8465 W77.3430	12	\$31.00	Hand tools	\$372.00	N/A
2019-08-09	Robert Waring	GRP	Quartz Porphyry with Quartz Carbonate Veining	484102-T1: Chip sample across 22 cm of mineralized quartz porphyry-484107 T12: Chip sample, 12 cm wide Quartz Carbonate- 484101-T1: Chip sample 15 cm wide silicous meta conglomerate	N44.8473 W77.3423	A19-12199 Map 1	217832	N44.8465 W77.3430	12	\$31.00	Hand tools	\$372.00	N/A
2019-08-23	Robert Waring	EX	Iron-formation		273735/673087	N44.8444 W77.3456	10	\$200.00	Cat 311	\$0.00		N/A	
2019-08-24	Robert Waring	EX	Iron-formation		273735/673087	N44.8444 W77.3456	10	\$200.00	Cat 311	\$0.00		N/A	
2019-08-25	Robert Waring	EX	Iron-formation		273735/673087	N44.8444 W77.3456	10	\$200.00	Cat 311	\$0.00		N/A	
2019-08-26	Robert Waring	EX	Iron-formation		273735/673087	N44.8444 W77.3456	10	\$200.00	Cat 311	\$0.00		N/A	
2019-08-27	Robert Waring	EX	Iron-formation		273735/673087	N44.8444 W77.3456	10	\$200.00	Cat 311	\$0.00		N/A	
2019-08-28	Robert Waring	EX	Iron-formation		273735/673087	N44.8444 W77.3456	10	\$200.00	Cat 311	\$0.00		N/A	
2019-08-29	Robert Waring	EX	Quartz Porphyry with Quartz Carbonate Veining	N/A	N/A	N/A	217832	N44.8465 W77.3430	10	\$200.00	Cat 311	\$2,000.00	\$215.35
2019-08-30	Robert Waring	EX	Quartz Porphyry with Quartz Carbonate Veining	N/A	N/A	N/A	217832	N44.8465 W77.3430	10	\$200.00	Cat 311	\$2,000.00	N/A
2019-08-31	Robert Waring	EX	Quartz Porphyry with Quartz Carbonate Veining	N/A	N/A	N/A	217832	N44.8465 W77.3430	10	\$200.00	Cat 311	\$2,000.00	N/A
2019-09-01	Robert Waring	EX	Shear Zone hosted flatlying sigmoidal Quartz vein	N/A	N/A	N/A	241324	N44.8308 W77.3338	10	\$200.00	Cat 311	\$2,000.00	\$215.35
2019-10-01	Robert Waring	GRP	Sigmoidal Steeply dipping quartz carbonate vein in altered metavolcanics	936100-T1: 30 cm wide chip sample from Quartz vein with visible native Bi and Bis	N44.8247 W77.3353	A19-12200 Map 3	593870	N44.8425 W77.3353	12	\$31.00	Hand tools	\$372.00	\$215.35
2019-10-02	Robert Waring	GRP	Sigmoidal Steeply dipping quartz carbonate vein in altered metavolcanics	HP0001-NS: 5 cm wide recrystallized quartz vein	N44.8246 W77.3349	A20-16090 MAP3	593870	N44.8425 W77.3353	12	\$31.00	Hand tools	\$372.00	N/A
2019-10-11	Robert Waring	PW	Quartz Porphyry with Quartz Carbonate Veining	484108-T1: Cp-Py IN 10 CM WIDE QUARTZ/WALLROCK BRECCIA	N44.8464 W77.3339	A19-12200 MAP1	217832	N44.8465 W77.3430	12	\$36.00	High Pressure 1.5" gas water pump	\$432.00	\$215.35
2019-10-12	Robert Waring	PW	Quartz Porphyry with Quartz Carbonate Veining	484138-T2: BRECCIATED META CONGLOMERATE WITH 1-3% Py	N44.8467 W77.3430	A19-12200 MAP1	217832	N44.8465 W77.3430	12	\$36.00	High Pressure 1.5" gas water pump	\$432.00	N/A
2019-10-18	Robert Waring	GRP	Shear Zone hosted flatlying sigmoidal Quartz vein	9352-grap2: 2 m wide quartz graphite meta sediment.	N44.8311 W77.3339	A20-01190 MAP2	241324	N44.8308 W77.3338	12	\$31.00	Hand tools	\$372.00	\$215.35
2019-11-02	Robert Waring	GRP	Quartz Porphyry with Quartz Carbonate Veining	484104-WR1: WALL NEAR ASSOCIATED WITH GOLD BEAR QUARTZ VEIN	N44.8479 W77.3423	A20-01190 MAP1	217832	N44.8465 W77.3430	12	\$31.00	Hand tools	\$372.00	\$215.35
2019-11-03	Robert Waring	GRP	Quartz Porphyry with Quartz Carbonate Veining	484122-T1: MINERALIZED QUARTZ PORPHYRY	N44.8478 W77.3423	A20-01190 MAP1	217832	N44.8465 W77.3430	12	\$31.00	Hand tools	\$372.00	N/A
2020-05-05	Robert Waring	GRP	Quartz Porphyry with Quartz Carbonate Veining	484122-WR: MINERALIZED QUARTZ PORPHYRY WALL ROCK	N44.8480 W77.3430	A20-01190 MAP1	217832	N44.8465 W77.3430	12	\$31.00	Hand tools	\$372.00	\$215.35
2020-05-22	Robert Waring	GRP	Shear Zone hosted flatlying sigmoidal Quartz vein	9382-T100 & 9382-PORP2: Mineralized quartz porphyry	N44.8312 W77.3341 N44.8309 W77.3337	A20-01561 MAP2	241324	N44.8308 W77.3338	12	\$31.00	Hand tools	\$372.00	\$215.35
2020-05-23	Robert Waring	GRP	Shear Zone hosted flatlying sigmoidal Quartz vein	DH001-SDQV: Small shallow dipping quartz carbonate vein	N44.8307 W77.3339	A21-00885 MAP2	241324	N44.8308 W77.3338	12	\$31.00	Hand tools	\$372.00	N/A
2020-05-29	Robert Waring	GRP	Quartz Porphyry with Quartz Carbonate Veining	N/A	N/A	N/A	217832	N44.8465 W77.3430	12	\$31.00	Hand tools	\$372.00	\$215.35
2020-06-18	Robert Waring	GRP	Quartz Porphyry with Quartz Carbonate Veining	N/A	N/A	N/A	217832	N44.8465 W77.3430	12	\$31.00	Hand tools	\$372.00	\$215.35
2020-06-19	Robert Waring	EX	Quartz Porphyry with Quartz Carbonate Veining	N/A	N/A	N/A	217832	N44.8465 W77.3430	5	\$160.00	Cat 304	\$800.00	N/A
2020-06-20	Robert Waring	EX	Quartz Porphyry with Quartz Carbonate Veining	N/A	N/A	N/A	217832	N44.8465 W77.3430	5	\$160.00	Cat 304	\$800.00	N/A
2020-06-21	Robert Waring	EX	Quartz Porphyry with Quartz Carbonate Veining	N/A	N/A	N/A	217832	N44.8465 W77.3430	5	\$160.00	Cat 304	\$800.00	N/A
2020-07-09	Robert Waring	GRP	Sigmoidal Steeply dipping quartz carbonate vein in altered metavolcanics	N/A	N/A	N/A	593870	N44.8425 W77.3353	12	\$31.00	Hand tools	\$372.00	\$215.35
2020-07-23	Robert Waring	GRP	Quartz Porphyry with Quartz Carbonate Veining	N/A	N/A	N/A	217832	N44.8465 W77.3430	12	\$31.00	Hand tools	\$372.00	\$215.35
2020-07-31	Robert Waring	GRP	Quartz Porphyry with Quartz Carbonate Veining	N/A	N/A	N/A	217832	N44.8465 W77.3430	12	\$31.00	Hand tools	\$372.00	\$215.35
2020-08-14	Robert Waring	GRP	Quartz Porphyry with Quartz Carbonate Veining	N/A	N/A	N/A	217832	N44.8465 W77.3430	12	\$31.00	Hand tools	\$372.00	\$215.35
2020-08-15	Robert Waring	GRP	Quartz Porphyry with Quartz Carbonate Veining	N/A	N/A	N/A	217832	N44.8465 W77.3430	12	\$31.00	Hand tools	\$372.00	N/A
2020-08-16	Robert Waring	PW	Quartz Porphyry with Quartz Carbonate Veining	N/A	N/A	N/A	217832	N44.8465 W77.3430	12	\$36.00	High Pressure 1.5" gas water pump	\$432.00	N/A
2020-09-03	Robert Waring	GRP	Quartz Porphyry with Quartz Carbonate Veining	N/A	N/A	N/A	217832	N44.8465 W77.3430	12	\$31.00	Hand tools	\$372.00	\$215.35
2020-09-04	Robert Waring	EX	Quartz Porphyry with Quartz Carbonate Veining	N/A	N/A	N/A	217832	N44.8465 W77.3430	5	\$160.00	Cat 304	\$800.00	N/A
2020-09-05	Robert Waring	EX	Quartz Porphyry with Quartz Carbonate Veining	N/A	N/A	N/A	217832	N44.8465 W77.3430	5	\$160.00	Cat 304	\$800.00	N/A
2020-09-06	Robert Waring	EX	Quartz Porphyry with Quartz Carbonate Veining	N/A	N/A	N/A	217832	N44.8465 W77.3430	5	\$160.00	Cat 304	\$800.00	N/A
2020-09-16	Robert Waring	PW	Quartz Porphyry with Quartz Carbonate Veining	N/A	N/A	N/A	217832	N44.8465 W77.3430	12	\$36.00	High Pressure 1.5" gas water pump	\$432.00	\$215.35
2020-09-17	Robert Waring	PW	Quartz Porphyry with Quartz Carbonate Veining	N/A	N/A	N/A	217832	N44.8465 W77.3430	12	\$36.00	High Pressure 1.5" gas water pump	\$432.00	N/A
2020-10-09	Robert Waring	GRP	Quartz Porphyry with Quartz Carbonate Veining	N/A	N/A	N/A	217832	N44.8465 W77.3430	12	\$31.00	Hand tools	\$372.00	\$215.35
2021-05-10	Robert Waring	GRP	Quartz Porphyry with Quartz Carbonate Veining	N/A	N/A	N/A	217832	N44.8465 W77.3430	12	\$31.00	Hand tools	\$372.00	\$215.35
2021-05-29	Robert Waring	GRP	Quartz Porphyry with Quartz Carbonate Veining	N/A	N/A	N/A	217832	N44.8465 W77.3430	12	\$31.00	Hand tools	\$372.00	\$215.35
2021-08-21	Robert Waring	GRP</td											

