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2021 DRILLING REPORT

GAME LAKE PROJECT

BRIDGES TOWNSHIP

KENORA MINING DIVISION

VERMILLION BAY, ONTARIO

NTS 52 F 13

Wayne Benham

April 15, 2022

2021 DRILLING REPORT

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2021 DRILLING REPORT

GAME LAKE PROJECT

BRIDGES TOWNSHIP KENORA MINING DIVISION

VERMILLION BAY, ONTARIO NTS 52 F 13

SUMMARY

The Game Lake property is located 15 km west of the village of Vermillion Bay and 70 km east of the town of Kenora in Bridges Township in the Kenora Mining Division in northwestern Ontario. The purpose of the Game Lake drilling program was to further explore altered Au-Ag-Cu-Zn mineralized zones in altered sediments and felsic volcanic which were discovered by previous drilling in 1986, 1987, 1988, 1990, 2015 and 2019 and to test airborne low magnetic anomalies detected by 2013 Geofortune airborne survey. A total of 1,726 metres of NQ diameter core in 3 holes, was drilled by RJLL Drilling Limited from Rouyn-Noranda Quebec. Drilling was started on September 11, 2021 and it was completed on September 30, 2021. The 2021 Game Lake drill program intersected silicified biotitic sericitic sillimanite garnetiferous altered deformed greywackes, cherty sediments and felsic tuffs with magnetite, pyrite, pyrrhotite, chalcopyrite sphalerite mineralization over wide core lengths. Hole GL21_7 was drilled to test airborne electromagnetic and ground VLF anomalies located along the southern shoreline of Harrison Lake centered on Rio gridline 30 E This hole intersected altered mineralized garnetiferous greywacke from 115.0-159.1m and 174.0-175.6 m disseminated magnetite, pyrite, pyrrhotite and sphalerite. 161.6- 183.45 m and 221.0-228.4 m. Pyritic biotitic altered greywackes were intersected at 198.0-221.0 m. A unmineralized massive granite intrusive was encountered at 328.6-335.55 m. These zones are interpreted to be the source of the electromagnetic anomalies. Samples from GL21_7 returned only trace gold and up to 8.4 g/t Ag and 1987 to >10.000 ppm Zn over widths of 1.6-15.7 m. Hole GL21_8 tested some IP anomalies along Rio gridline 42 E 300 m west of anomalous Ag-Zn mineralization intersected in historic hole GL90_3. The IP anomalies are due to pyritic altered sericitic garnetiferous cherty felsic tuffs and greywackes. Best assay result was 23.5 g/t Ag and 5960 ppm Zn over 2.4 m.

Hole GL15_3 was extended from 416 m to 729 m to test 500 m down-dip anomalous Au Ag Zn mineralization intersected in historic hole GL88_4 along Rio gridline 35 E. Best assay intervals were 0.02 g/t Au, 14.5 g/t over 21.1 m, 0.39 g/t Au, 8.0 g/t Ag over 3.7 m and 0.11 g/t Au, 2.2 g/t Ag over 5.4 m at a vertical depth of -600 m.

Hole GL21_9 tested at depth the weakly anomalous Au-Ag mineralized zone intersected in historic holes GL88_6, GL90_2 and GL19_5, (0.39 g/t Au, 4.7 g/t Ag over 36.4 m and 0.43 g/t Au, 5.5 g/t Ag over 26.3 m assayed 0.39 g/t Au, 3.5 g/t Ag respectively). Two zones of strongly magnetic sillimanite biotite altered felsic tuffs and greywackes with 1-10% disseminated and stringer pyrite-pyrrhotite which assayed 0.60 g/t Au and 4.3 g/t Ag over 12.6 m and 0.15 g/t Au 2.2 g/t Ag over 18.0 m, were intersected at a vertical depth of -550 m along Rio grid line 19 E.

Further drilling is warranted to explore the Game Lake Property for easterly plunging economic gold-silver-zinc mineralization. A proposed next phase would consist of three holes for a total of 2,000 m.

2021 DRILLING REPORT

GAME LAKE PROJECT

BRIDGES TOWNSHIP KENORA MINING DIVISION

VERMILLION BAY, ONTARIO

NTS 52 F 13

INTRODUCTION

The Game Lake property is located 15 km west of the village of Vermillion Bay and 70 km east of the town of Kenora in Bridges Township in the Kenora Mining Division in northwestern Ontario. The purpose of the Game Lake drilling program was to further explore altered Au-Ag-Cu-Zn mineralized zones in altered sediments and felsic volcanic which were discovered by previous drilling in 1986-2019 and to test airborne low magnetic anomalies detected by 2013 Geofortune airborne magnetic surveys. This report describes the results of the 2021 diamond drilling completed on the Game Lake project by Wayne Benham, (author) September 1 to December 31, 2019.

2.0 DESCRIPTION, LOCATION and HISTORY

The Game Lake Property consists of 45 unpatented mining Tenure ID claims as listed in Schedule A, and recorded 100% in the name of Wayne Russell Benham, Client No. 295965. The claims cover an area equivalent of 83 single cell units. In January 2014, Wayne Benham had two unpatented mining claims, 4267824 (12 units) and 4267825 (16 units) staked on his behalf. These Legacy Mining Claims were converted to MLAS.MNDM Tenure ID claims by the initiation mining claim map-staking in Ontario on April 12, 2018. In September 2018, Wayne Benham purchased from Skead Holdings Ltd., 31 claims which adjoin to the southwest of the Game Lake property. A 1% Net Smelter Royalty is payable to Skead Holdings Limited. Five of the Skead Holdings claims were abandoned because they were partially in a Provincial Park or along Highway 17 and had limited exploration interest. 2 On October 25, 2018, Wayne Benham map-staked 10 claims units which adjoin to the east the original Game Lake property. After additional literature research, an additional 18 claim units were map-staked to cover a sulphide showing reported along the north-east shore of Game Lake. The Game Lake property now consists of 45 claims and the equivalent of 83 claim unit-cells (boundary cell + single cell + multi cell mining claims) as shown on the attached claim map and listed in Claim Schedule Table 1 The claims are in Bridges and Docker Townships, Ontario in the Kenora Mining District. The property is located 70 km east of Kenora and 70 km west of Dryden. The claims are situated at the west and north-east of Game Lake, south of Cobble Lake and north of Highway No. 17 as shown on the Claim Maps. Access is by the Cobble Lake and Game Lake-1 Forestry Roads and the logging road network constructed by Dryden Forest Management Unit as shown on the attached Bing-internet air photos. Most of the western portion of the property was clear cut logged off 9-12 years ago.

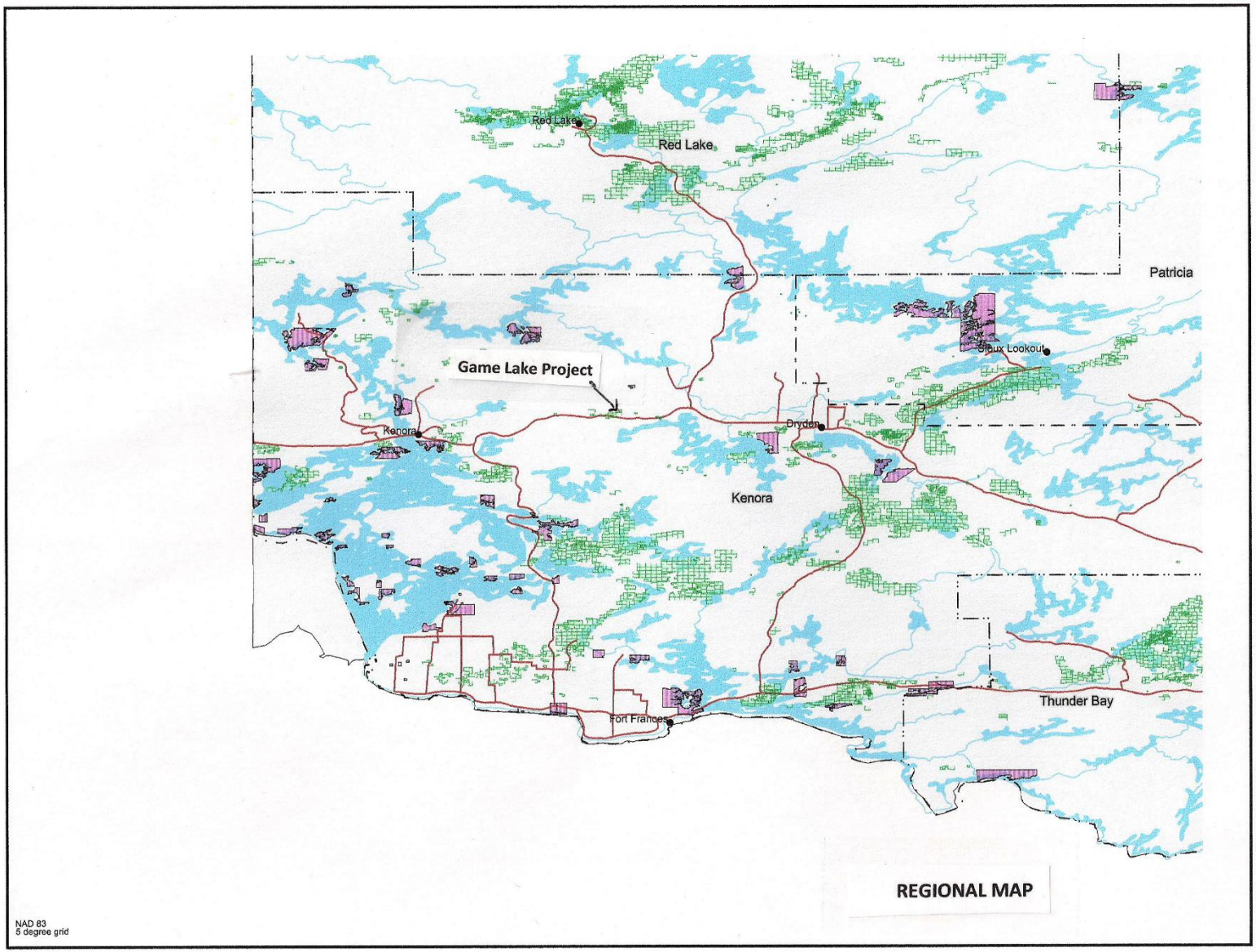
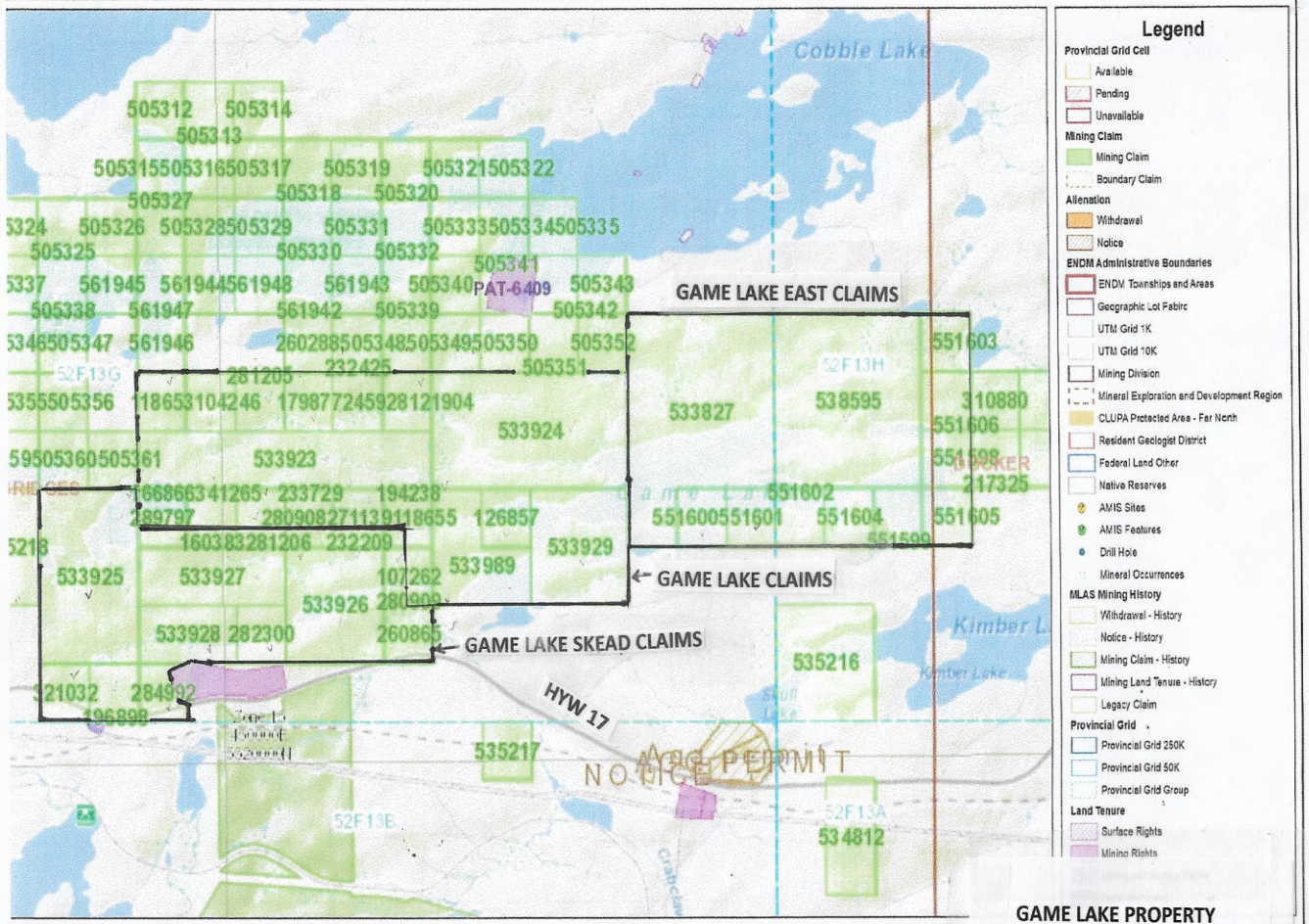

Red Lake
Red Lake
Patricia
Sioux Lookout
Game Lake Project
Kenora
Dryden
Kenora
Thunder Bay
Fort Frances
REGIONAL MAP
NAD 83
5 degree grid

Table 1 CLAIM SCHEDULE						
Claim#	Type	Group	Issue Date	Anniversary Date	Owner Client#	# of Cells
104246	Single cell claim	Game Lake	2018-04-10	2025-01-28	(295965) WAYNE BENHAM	1
107262	Boundary claim	Game Lake	2018-04-10	2025-01-28	(295965) WAYNE BENHAM	0.5
118653	Single cell claim	Game Lake	2018-04-10	2025-01-28	(295965) WAYNE BENHAM	1
118655	Boundary claim	Game Lake	2018-04-10	2025-01-28	(295965) WAYNE BENHAM	0.5
121904	Single cell claim	Game Lake	2018-04-10	2025-01-28	(295965) WAYNE BENHAM	1
126857	Single cell claim	Game Lake	2018-04-10	2025-01-28	(295965) WAYNE BENHAM	1
160383	Boundary claim	Game Lake	2018-04-10	2025-01-28	(295965) WAYNE BENHAM	0.5
179877	Single cell claim	Game Lake	2018-04-10	2025-01-28	(295965) WAYNE BENHAM	1
233729	Boundary claim	Game Lake	2018-04-10	2025-01-28	(295965) WAYNE BENHAM	0.5
245928	Single cell claim	Game Lake	2018-04-10	2025-01-28	(295965) WAYNE BENHAM	1
271139	Boundary claim	Game Lake	2018-04-10	2025-01-28	(295965) WAYNE BENHAM	0.5
281205	Single cell claim	Game Lake	2018-04-10	2025-01-28	(295965) WAYNE BENHAM	1
281206	Boundary claim	Game Lake	2018-04-10	2025-01-28	(295965) WAYNE BENHAM	0.5
289797	Boundary claim	Game Lake	2018-04-10	2025-01-28	(295965) WAYNE BENHAM	0.5
321032	Single cell claim	Game Lake	2018-04-10	2025-01-20	(295965) WAYNE BENHAM	1
533923	Multi cell claim	Game Lake	2018-10-30	2025-01-28	(295965) WAYNE BENHAM	6
533924	Multi cell claim	Game Lake	2018-10-30	2025-01-28	(295965) WAYNE BENHAM	8
533929	Multi cell claim	Game Lake	2018-10-30	2025-01-28	(295965) WAYNE BENHAM	4
533989	Multi cell claim	Game Lake	2018-10-31	2025-01-28	(295965) WAYNE BENHAM	3
551598	Single cell claim	Game Lake East	2019-06-16	2025-06-16	(295965) WAYNE BENHAM	1
551599	Single cell claim	Game Lake East	2019-06-16	2025-06-16	(295965) WAYNE BENHAM	1
551600	Single cell claim	Game Lake East	2019-06-16	2025-06-16	(295965) WAYNE BENHAM	1
551601	Single cell claim	Game Lake East	2019-06-16	2025-06-16	(295965) WAYNE BENHAM	1
551602	Single cell claim	Game Lake East	2019-06-16	2025-06-16	(295965) WAYNE BENHAM	1
551603	Single cell claim	Game Lake East	2019-06-16	2025-06-16	(295965) WAYNE BENHAM	1
551604	Single cell claim	Game Lake East	2019-06-16	2025-06-16	(295965) WAYNE BENHAM	1
551605	Single cell claim	Game Lake East	2019-06-16	2025-06-16	(295965) WAYNE BENHAM	1
551606	Single cell claim	Game Lake East	2019-06-16	2025-06-16	(295965) WAYNE BENHAM	1
533827	Multi cell claim	Game Lake East	2018-10-25	2025-10-25	(295965) WAYNE BENHAM	10
538595	Multi cell claim	Game Lake East	2019-01-08	2025-01-08	(295965) WAYNE BENHAM	9
166866	Boundary claim	Skead	2018-04-10	2025-01-20	(295965) WAYNE BENHAM	0.5
194238	Boundary claim	Skead	2018-04-10	2025-12-12	(295965) WAYNE BENHAM	0.5
196898	Boundary claim	Skead	2018-04-10	2025-01-20	(295965) WAYNE BENHAM	0.5
232209	Boundary claim	Skead	2018-04-10	2025-12-12	(295965) WAYNE BENHAM	0.5
260865	Single cell claim	Skead	2018-04-10	2025-12-12	(295965) WAYNE BENHAM	1
262269	Boundary claim	Skead	2018-04-10	2025-01-20	(295965) WAYNE BENHAM	0.5
280908	Boundary claim	Skead	2018-04-10	2025-12-12	(295965) WAYNE BENHAM	0.5
280909	Single cell claim	Skead	2018-04-10	2025-12-12	(295965) WAYNE BENHAM	1
282300	Single cell claim	Skead	2018-04-10	2025-01-20	(295965) WAYNE BENHAM	1
284992	Single cell claim	Skead	2018-04-10	2025-01-20	(295965) WAYNE BENHAM	1
341265	Boundary claim	Skead	2018-04-10	2025-01-20	(295965) WAYNE BENHAM	0.5
533925	Multi cell claim	Skead	2018-10-30	2025-01-20	(295965) WAYNE BENHAM	6
533926	Multi cell claim	Skead	2018-10-30	2025-12-12	(295965) WAYNE BENHAM	4
533927	Multi cell claim	Skead	2018-10-30	2024-01-20	(295965) WAYNE BENHAM	3
533928	Multi cell claim	Skead	2018-10-30	2025-01-20	(295965) WAYNE BENHAM	2
	46 claims					**83**

ıtario MINISTRY OF NORTHERN DEVELOPMENT AND MINES
MLAS Map Viewer

MLAS Map

Notes:



Legend

Provincial Grid Cell
- Available
- Pending
- Unavailable

Mining Claim
- Mining Claim
- Boundary Claim

Alienation
- Withdrawal
- Notice

ENDM Administrative Boundaries
- ENDM Townships and Areas
- Geographic Lot Fabric
- UTM Grid 1K
- UTM Grid 10K
- Mining Division
- Mineral Exploration and Development Region
- CLUPA Protected Area - Far North
- Resident Geologist District
- Federal Land Other
- Native Reserves
- AMIS Sites
- AMIS Features
- Drill Hole
- Mineral Occurrences

MLAS Mining History
- Withdrawal - History
- Notice - History
- Mining Claim - History
- Mining Land Tenure - History
- Legacy Claim

Provincial Grid
- Provincial Grid 250K
- Provincial Grid 50K
- Provincial Grid Group

Land Tenure
- Surface Rights
- Mining Rights

0 2.37 km

Projection: Web Mercator

GAME LAKE PROPERTY
KENORA MINING DIVISION
BRIDGES - DOCKER TWPS ONTARIO
CLAIM MAP with
CLAIM NUMBERS

2.1 Historical Exploration Work

In 1968, Noranda Exploration Ltd. drilled four holes located north of Harrison Lake. These holes intersected sulphide mineralization with anomalous Cu-Zn-Ag mineralization in sericitic altered volcanic and sedimentary rocks. During 1984-1987, Rio Algom Exploration Limited explored the Game Lake area for volcanogenic massive sulphide deposits based on the model of the Geco Cu-Zn-Ag-Au deposit located at Manitouwadge, Ontario. Magnetometer, Horizontal Loop (HLEM) and Very Low Frequency (VLF) electromagnetic and geological mapping surveys were carried out by Rio Algom. An eleven-hole drill program was completed to test a variety of geophysical and geological targets. Weakly anomalous Au-Ag-Zn-Cu values were returned from strongly altered sediments and felsic tuffs. Although the geological setting appeared to be similar to the Geco model, no economic mineralization was discovered. The Rio Algom property was optioned to Mill City Gold Inc. in 1988. A ten-hole drill program was carried out which intersected anomalous zinc-copper-silver-gold mineralization hosted by altered deformed sediments and felsic volcanics. The property was returned to Rio Algom who drilled three holes in 1990. These holes encountered similar mineralization as previous drilling on the property. In 1997, Tri Origin Exploration Ltd. acquired claims covering the Game Lake sulphide mineralization. Airborne geophysical surveys were carried out followed by geological mapping. Tri Origin also did some infill sampling of the 1988 Mill City drill core. This sampling showed that the weakly anomalous gold and silver mineralization was more widespread than previously reported by the Mill City sampling. During 2003-2004 the Game Lake area was explored by Emerald Fields Resource Corporation who carried out some prospecting and a Geotec airborne magnetic and electromagnetic survey. From 2010-2017, Keystone Resources/Geofortune Resources Corporation owned the claims west and south of the original Benham Game Lake property. In 2013, Geofortune submitted an interpretation-compilation report of the 2004 Emeralds Lake Geotec VTEM airborne survey for assessment work credits. This airborne survey also covered the current Game Lake property. Skead Holdings Ltd purchased the Geofortune claims in 2018 but Skead did not do any exploration work on these claims.

During 2015, Wayne Benham drilled a total of 1,335 metres of NQ diameter core in 3 holes. The 2015 Game Lake drill program intersected silicified biotitic sericitic garnetiferous altered deformed greywackes, cherty sediments and felsic tuffs with magnetite, pyrite, pyrrhotite, sphalerite and galena mineralization. The mineralized zones returned highly anomalous silver and zinc assays and weakly anomalous gold and lead assays over 0.7-30.0-metre-wide core lengths.

In 2019, a total of 1,773.5 metres of NQ diameter core in 3 holes, was drilled by Chibougamau Diamond Drilling Limited from Chibougamau Quebec. Drilling was started on July 3, 2019 and it was completed on July 27, 2019. The 2019 Game Lake drill program intersected silicified biotitic sericitic sillimanite garnetiferous altered deformed greywackes, cherty sediments and felsic tuffs with magnetite, pyrite, pyrrhotite, chalcopyrite sphalerite mineralization over wide core lengths.

Reports describing the above-mentioned historic exploration programs are in MNDM assessment work files for Bridges Township, Ontario, Kenora Mining District.

3.0 EXPLORATION PERMIT and FIRST NATIONS CONSULTATION

The area's First Nation and Métis communities were contacted by mail and informed of the planned exploration activities on the Game Lake property on November 13, 2018 and March 22, 2019. Exploration Permit applications were submitted to the Ministry of Northern Development and Mines on November 23, 2018

and March 22, 2019 for the Game Lake and Game Lake East Claims respectively. Permits PR-18-000266 and PR-19-000022 were approved on May 4, 2019.

4.0 GEOLOGICAL SETTING

4.1 REGIONAL GEOLOGY

The Vermillion Bay Greenstone Belt is part of the Wabigoon tectonic assemblage of the Archean Superior Province of the Canadian Shield. The Vermillion Bay greenstones consist of mafic to felsic volcanics and their associated metasediments. The belt is bounded to the north by the metasedimentary English River Subprovince and to the south by the Dryberry Batholith. The geology of Bridges and Docker Townships as shown on the ODM Map 2303 consists of foliated east-west to northeast north dipping and overturned south facing mafic flows, felsic pyroclastics and greywackes, cherty sediments with lean oxide iron formation, calc-silicate gneisses and volcaniclastic units. The volcanic and sediments, which are metamorphosed to upper amphibolite facies are intruded by coarse grained pegmatite narrow dykes and sills.

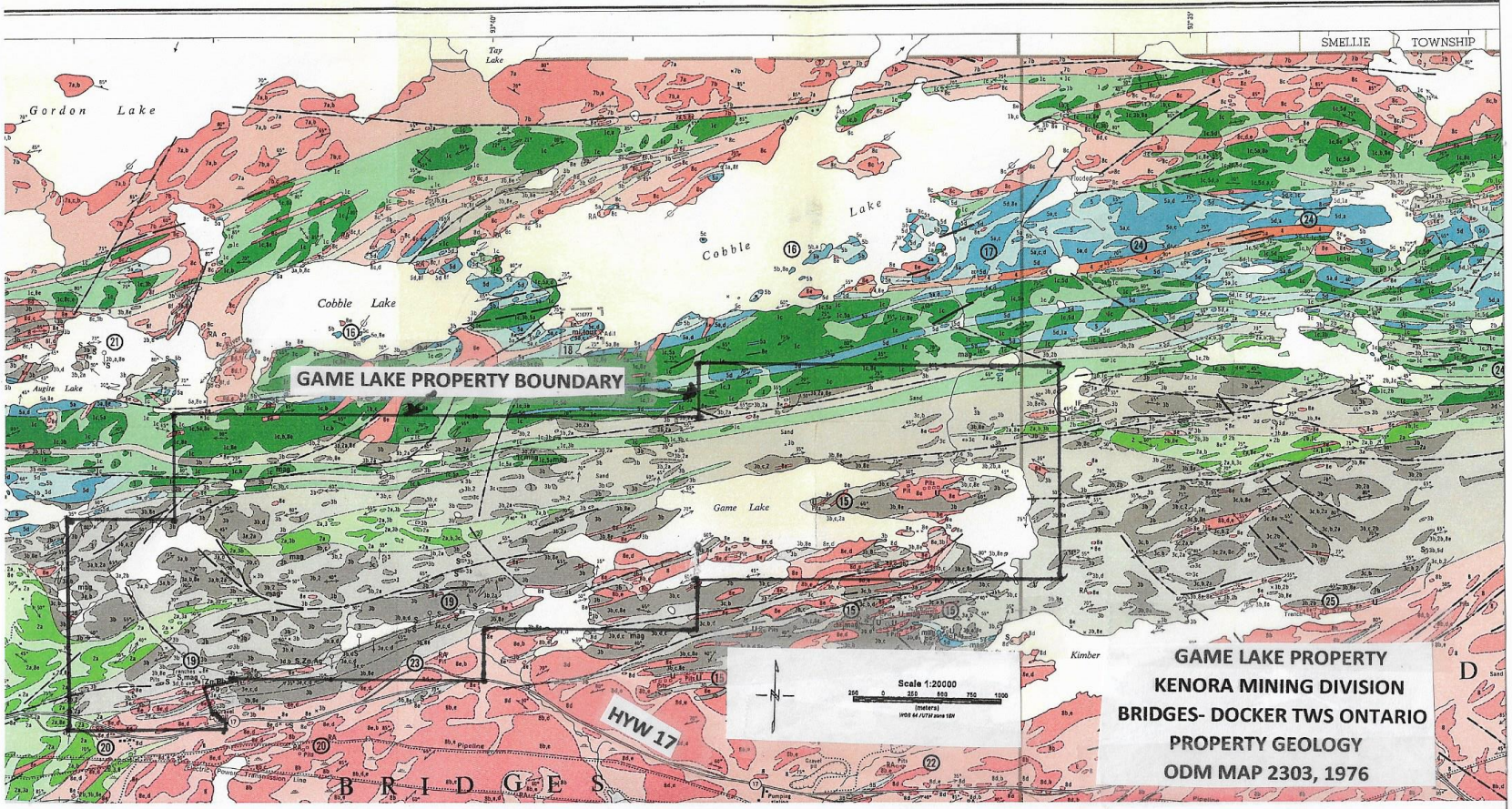
4.2 GAME LAKE GEOLOGY and MINERALIZATION

The Game Lake property is underlain by weakly to moderately foliated biotitic altered metamorphosed greywacke, felsic tuffs, volcaniclastics, lean oxide iron formations and calc-silicate rocks. The stratigraphy strikes 270 degrees and dip -60 to -75 degree north. There are two sets of foliations. One regional deformation is parallel to the stratigraphy and a second crosscutting deformation strikes 255 degrees and dips -40 to -50 deg north. There are two main altered mineralized zones. The southern Game Lake altered zone, striking 255 degrees and dipping 40-50 degrees north is 5-50 metres thick and consists strongly foliated ankeritic garnetiferous of sericitic silicified greywackes and felsic tuffs with varying amounts of magnetite, muscovite, sillimanite, garnet, ghanite and 3-15% sulphides consisting of pyrite, pyrrhotite, sphalerite, galena and chalcopyrite. The northern Game Lake altered zone, striking 270 degrees and dipping 60-70 deg north is like the southern zone but has no ghanite and is more sericitic. Both these zones have a strike length of at least 3.5 km. Most of the previous drilling has tested the southern Harrison Lake zone with intersections of 0.39 g/t Au, 4.7 g/t Ag over 36.4 m in hole GL86_6 and 0.43 g/t Au, 5.5 g/t Ag over 26.3 m in hole GL90_2 on section 19+00E and 0.01 g/t Au, 12.5 g/t Ag over 20.4 m and 0.16 g/t Au, 3.0 g/t Ag over 4.4 in hole GL88_4 on section 34+00 E and 0.04 g/t Au, 253.8 g/t Ag over 5.9 m in hole GL90_3 on section 39+00 E. Only two holes were drilled previously to test the northern Game Lake zone with a best intersection of 0.45 g/t Au, 5.0 g/t Ag, over 1.0 m in hole GL88_2 on section 35+00 E. and 1.19 g/t Au over 1.0 m in hole GL88_1 on section 39+00 E. The sampling density for the 1988 and 1990 drilling programs was very poor with several altered sulphide zones not sampled. The 2015 Game Lake drill program intersected silicified biotitic sericitic garnetiferous altered deformed greywackes, cherty sediments and felsic tuffs with magnetite, pyrite, pyrrhotite, sphalerite and galena mineralization. The mineralized zones returned highly anomalous silver and zinc assays and weakly anomalous gold and lead assays over 0.7-30.0-metre-wide core lengths. Hole GL15_1 was drilled to test altered mineralized zones intersected by historic holes GL88_1 and GL90_3 which had intersected highly anomalous silver zinc and weakly anomalous gold values. The anomalous silver values were interpreted to be anomalous hydrothermal haloes to possible higher-grade gold mineralization at depth. This hole intersected three thick altered mineralized zones 32.4 to 41.8 metres thick with strongly foliated moderately drag-folded ankeritic silicified sericitic altered felsic tuffs with sillimanite, biotitic garnetiferous greywackes and cherty sediments with 2-15% finely disseminated, along foliation planes and stringer pyrite pyrrhotite galena chalcopyrite and sphalerite mineralization. The sphalerite mineralization occurs as 0.1-2 cm wide coarse-grained honey to dark red brown veins parallel and crosscutting foliation and as disseminated 0.2-2 cm blebs. The sphalerite veins contain later disseminated and stringer pyrite

blebs of galena and finely disseminated pyrite. The magnetite is finely disseminated and in crystalline veins and growths in the sphalerite veins. These zones returned highly anomalous silver assays up to 801.2 g/t Ag and gold assays up to 2.7 g/t Au. Composite averages of the anomalous mineralized zones are in Table 3. Composites from the historic holes on the property also are listed in Table 2. 14 Hole GL15_3 was drilled to test at depth the northern mineralized zone intersected in hole GL15_1. Hole 3 intersected strongly deformed drag-folded silicified ankeritic biotitic sericitic felsic tuffs, greywackes and cherty sediments with1-15% pyrite pyrrhotite galena and sphalerite mineralization. Four mineralized zones, 1.0-4.0 m wide returned anomalous silver up to 82.9 g/t Ag, and gold up to 1.2 g/t Au.

ONTARIO
DIVISION OF MINES

HONOURABLE LEO BERNIER, *Minister of Natural Resources*
DR. J. K. REYNOLDS, *Deputy Minister of Natural Resources*
G. A. Jewett, *Executive Director, Division of Mines* E. G. Pye, *Director, Geological Branch*



LEGEND

CENOZOIC[a]

QUATERNARY

RECENT

Organic desposits; lacustrine and fluvial clay, silt, and sand.

PLEISTOCENE

Till; lacustrine sand, gravel, and clay.

UNCONFORMITY

PRECAMBRIAN[b]

LATE FELSIC INTRUSIVE ROCKS

FELSIC INTRUSIVE ROCKS

8 Unsubdivided.
8a Granite.
8b Equigranular quartz monzonite and granodiorite.
8c Porphyritic biotite granodiorite.
8d Migmatite.
8e Pink pegmatite, pegmatitic granite, aplite.
8f White pegmatite.

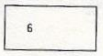
INTRUSIVE CONTACT (?)

ENGLISH RIVER BELT ROCKS

7 Unsubdivided.
7a Equigranular granodiorite gneiss.
7b Porphyritic gneiss.
7c Equigranular, massive to foliated, quartz monzonite and granodiorite.

INTRUSIVE CONTACT (?)

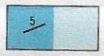
SYENITIC ROCKS



6 Porphyritic syenite.†

INTRUSIVE CONTACT (?)

MAFIC AND ULTRAMAFIC INTRUSIVE ROCKS



5 Unsubdivided.
5a Gabbro.
5b Peridotite.
5c Pyroxenite.
5d Amphibolite.

INTRUSIVE CONTACT

EARLY FELSIC INTRUSIVE ROCKS

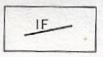
4 Quartz-feldspar porphyry.

INTRUSIVE CONTACT (?)

METAVOLCANICS AND METASEDIMENTS

METASEDIMENTS

3 Unsubdivided.
3a Muscovite-bearing greywacke.
3b Biotite-bearing greywacke.
3c Hornblende-bearing greywacke.
3d Garnetiferous greywacke.
3e Calc-silicate gneiss.
3f Massive calc-silicate rocks.



Iron Formation.†

INTERMEDIATE METAVOLCANICS

2 Unsubdivided.
2a Pyroclastic rocks.
2b Hornblende-biotite-quartz-plagioclase schists and gneisses of uncertain origin.

MAFIC METAVOLCANICS

1 Unsubdivided.
1a Pyroclastic rocks.
1b Massive, pillowed, and amygdaloidal flows.
1c Hornblende-plagioclase and biotite-hornblende-plagioclase schists and gneisses of uncertain origin.

5.0 2021 GAME LAKE DRILLING PROGRAM

5.1 INTRODUCTION

The 2021 Game Lake drilling program tested at depth the altered Au-Ag Zn zones intersected in holes GL88_6, GL90_02 GL19_5 and holes GL88_03, GL90_03, GL15_1 as well as some previously untested VLF and airborne electro magnetic anomalies located along the south shore of Harrison Lake and IP anomalies on Rio gridline 42 E.

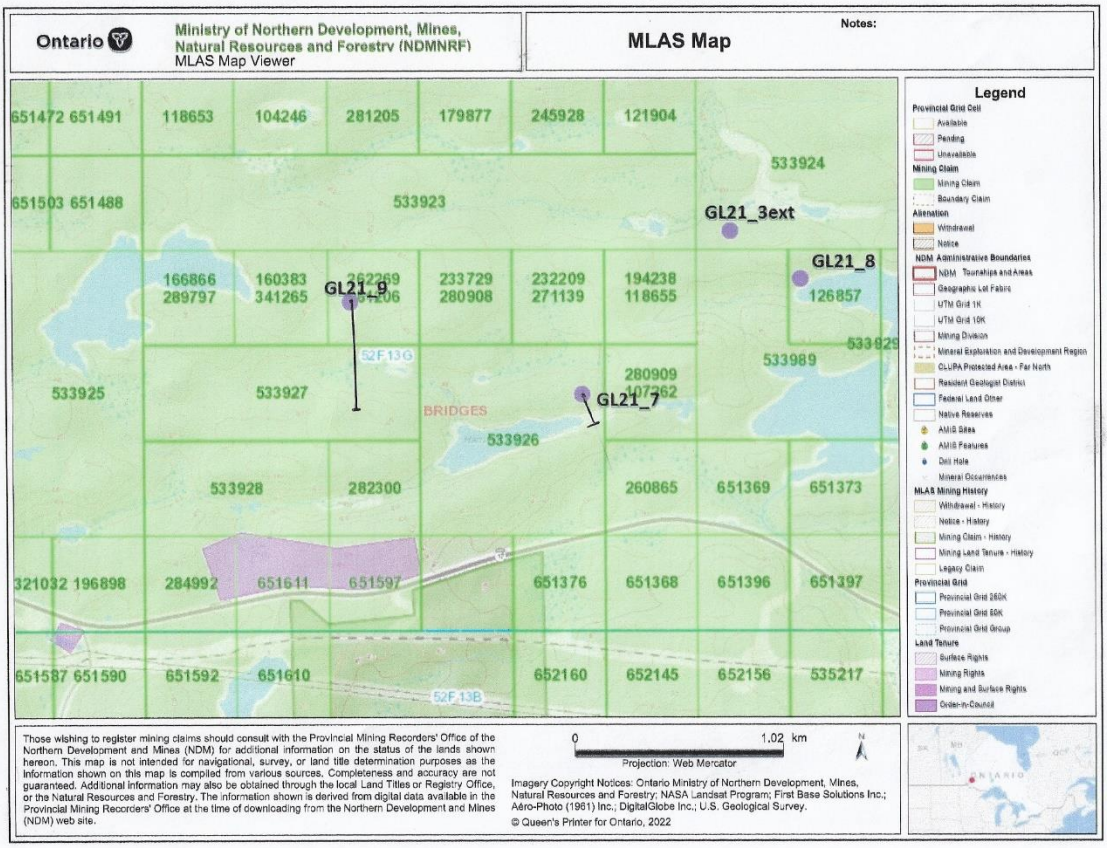
Drill hole locations are shown on a claim map of the property. A total of 1,726 metres of NQ diameter core in 3 holes, was drilled by RJLL Drilling Limited from Rouyn-Noranda Quebec. Drilling was started on September 11, 2021 and it was completed on September 30, 2021. The drill program was planned and supervised by Wayne R. Benham. The drill holes with UTM NAD 83 collar co-ordinates were spotted using a Garmin GPS. The core was logged and sampled by W. R. Benham, in the field September 12 to October 12, 2021. Elena Benham assisted with the core handling and the core sampling. A total of 269 core samples were cut in half using a tile diamond core saw. ActLab in Dryden, Ontario assayed 269 samples for ppb Au using (FA-AA) and 136 samples were assayed for multi-elements using (AR-ICP), by ActLab in Thunder Bay, Ontario. A total of 18 samples were re-assayed using (FA-GRA) for g/t Au. The drill hole locations are listed in Table 3. The results of the 2021 drilling are described in drill logs GL21_7, GL21_8 GL21_3ext and GL21_9 (Appendix I) and Assay certificates are in Appendix II. The drill holes are shown on a drill plans and in drill sections at a scale of 1:5,000.

5.2 CORE LOGGING, SAMPLING and ASSAYING PROCEDURES

All diamond drill holes are NQ in diameter. The core was placed in wooden boxes by the drillers. The drill core was logged on site in the field by Wayne R Benham. Core logging protocol is summarized as follows: The core is first measured to check that the driller's metre blocks are correct. The metreage is marked at the start of each box. Any lost or ground core is noted and zones of poor RQD are noted (i.e. 75%). The core is logged in detail and recorded in a digital format using an excel spreadsheet. Special attention is given to alteration, mineralization, and structural information. Mineralization and alteration are sampled. The samples are marked by the geologist and sample tickets are inserted. Depending on the lithology, alteration and mineralization, sample widths vary from 0.30 m to 1.4 m, average 1.0 m. The samples are entered on the drill logs. For each sample the percentage of quartz-carbonate veining and pyrite were estimated and entered on the drill log.

The samples are then cut in half by a technician using a diamond core saw. Half the core is placed in a plastic bag with a sample ticket and the other half is put back in the box with a duplicate sample ticket at the end of the sampled interval.

The boxes are labeled with plastic tags with the hole number and the depth of hole for the contained core interval. The cut and bagged samples were placed in plastic bins; a lab work order was prepared, and the samples were delivered in person by W Benham to ActLab in Dryden Ontario.


Ontario
Ministry of Northern Development, Mines, Natural Resources and Forestry (NDMNRF)
MLAS Map Viewer
MLAS Map
Notes:
651472 651491
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281205
179877
245928
121904
533924
651503 651488
533923
GL21_3ext
GL21_8
166866
289797
160383
341265
GL21_9
233729
280908
232209
271139
194238
118655
126857
533929
533989
52F13G
533925
533927
280909
BRIDGES
GL21_7
533926
533928
282300
260865
651369
651373
321032 196898
284992
651611
651597
651376
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651396
651397
651587 651590
651592
651610
52F13B
652160
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535217
Legend
Provincial Grid Cell
Available
Pending
Unavailable
Mining Claim
Mining Claim
Boundary Claim
Alienation
Withdrawal
Notice
NDM Administrative Boundaries
NDM Townships and Areas
Geographic Lot Fabric
UTM Grid 1K
UTM Grid 10K
Mining Division
Mineral Exploration and Development Region
CLUPA Protected Area - Far North
Resident Geologist District
Federal Land Other
Native Reserves
AMIS Sites
AMIS Features
Drill Hole
Mineral Occurrences
MLAS Mining History
Withdrawal - History
Notice - History
Mining Claim - History
Mining Land Tenure - History
Legacy Claim
Provincial Grid
Provincial Grid 250K
Provincial Grid 50K
Provincial Grid Group
Land Tenure
Surface Rights
Mining Rights
Mining and Surface Rights
Order-in-Council
Those wishing to register mining claims should consult with the Provincial Mining Recorders' Office of the Northern Development and Mines (NDM) for additional information on the status of the lands shown hereon. This map is not intended for navigational, survey, or land title determination purposes as the information shown on this map is compiled from various sources. Completeness and accuracy are not guaranteed. Additional information may also be obtained through the local Land Titles or Registry Office, or the Natural Resources and Forestry. The information shown is derived from digital data available in the Provincial Mining Recorders' Office at the time of downloading from the Northern Development and Mines (NDM) web site.
0
1.02 km
Projection: Web Mercator
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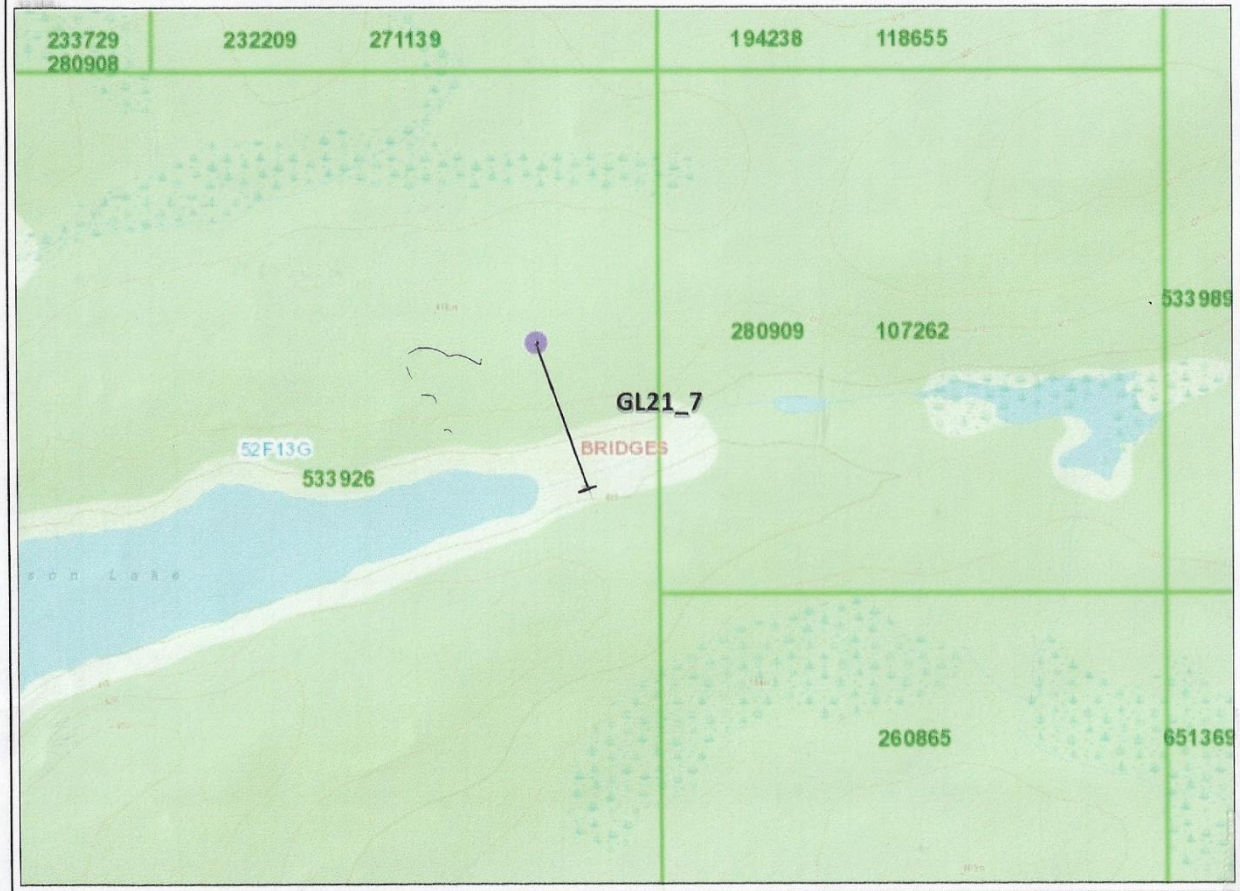
Ontario

Ministry of Northern Development, Mines, Natural Resources and Forestry (NDMNRF)
MLAS Map Viewer

MLAS Map

Notes:



Legend

- **Provincial Grid Cell**
  - Available
  - Pending
  - Unavailable
- **Mining Claim**
  - Mining Claim
  - Boundary Claim
- **Alienation**
  - Withdrawal
  - Notice
- **NDM Administrative Boundaries**
  - NDM Townships and Areas
  - Geographic Lot Fabric
  - UTM Grid 1K
  - UTM Grid 10K
  - Mining Division
  - Mineral Exploration and Development Region
  - CLUPA Protected Area - Far North
  - Resident Geologist District
  - Federal Land Other
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  - AMIS Sites
  - AMIS Features
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  - Mineral Occurrences
- **MLAS Mining History**
  - Withdrawal - History
  - Notice - History
  - Mining Claim - History
  - Mining Land Tenure - History
  - Legacy Claim
- **Provincial Grid**
  - Provincial Grid 250K
  - Provincial Grid 50K
  - Provincial Grid Group

GAME LAKE PROPERTY
KENORA MINING DISTRICT
BRIDGES TOWNSHIP, ONTARIO
UTM 451360 E 5521457
HOLE GL21_7

Those wishing to register mining claims should consult with the Provincial Mining Recorders' Office of the Northern Development and Mines (NDM) for additional information on the status of the lands shown hereon. This map is not intended for navigational, survey, or land title determination purposes as the information shown on this map is compiled from various sources. Completeness and accuracy are not guaranteed. Additional information may also be obtained through the local Land Titles or Registry Office, or the Natural Resources and Forestry. The information shown is derived from digital data available in the Provincial Mining Recorders' Office at the time of downloading from the Northern Development and Mines (NDM) web site.

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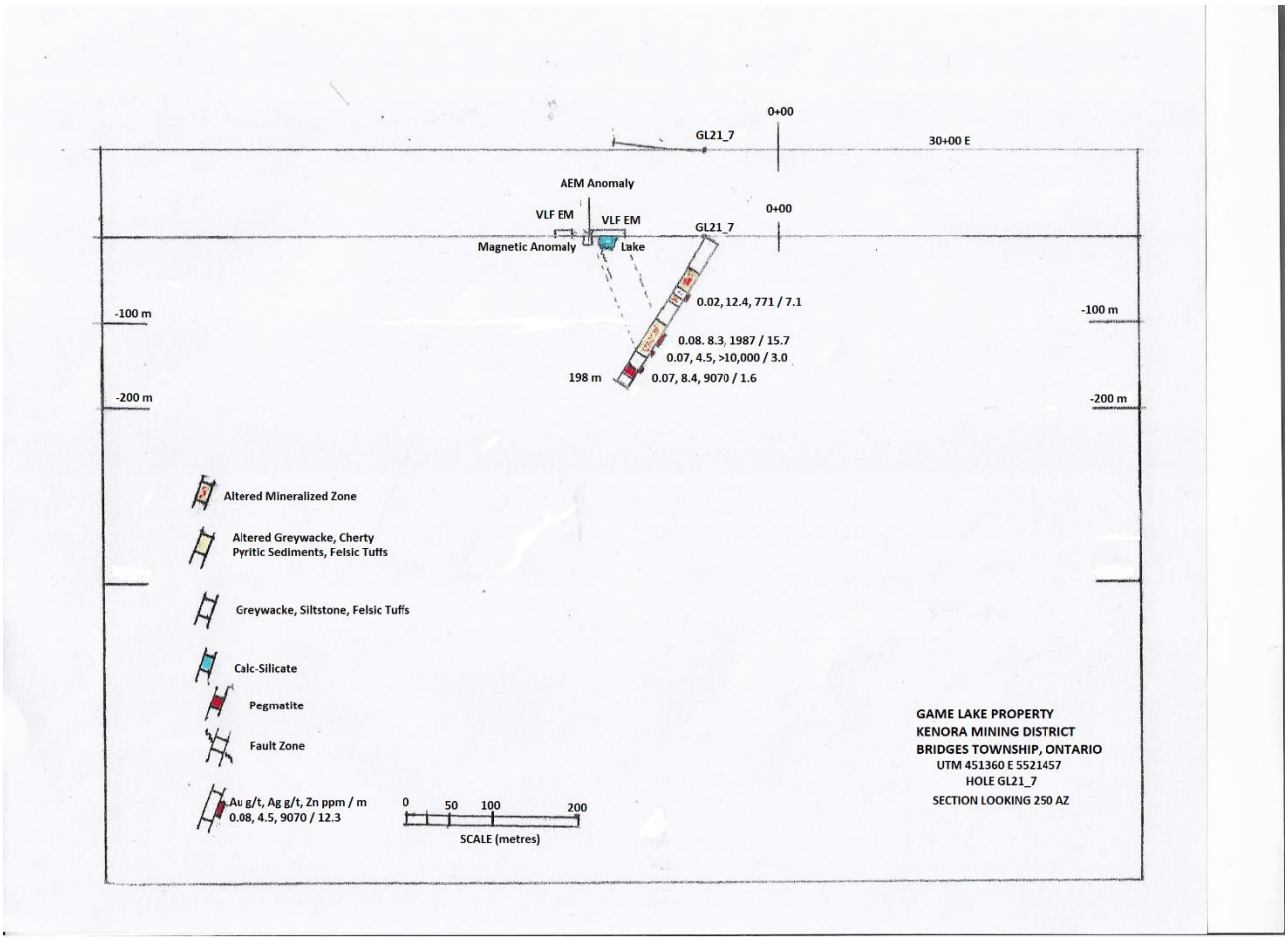
N

Projection: Web Mercator

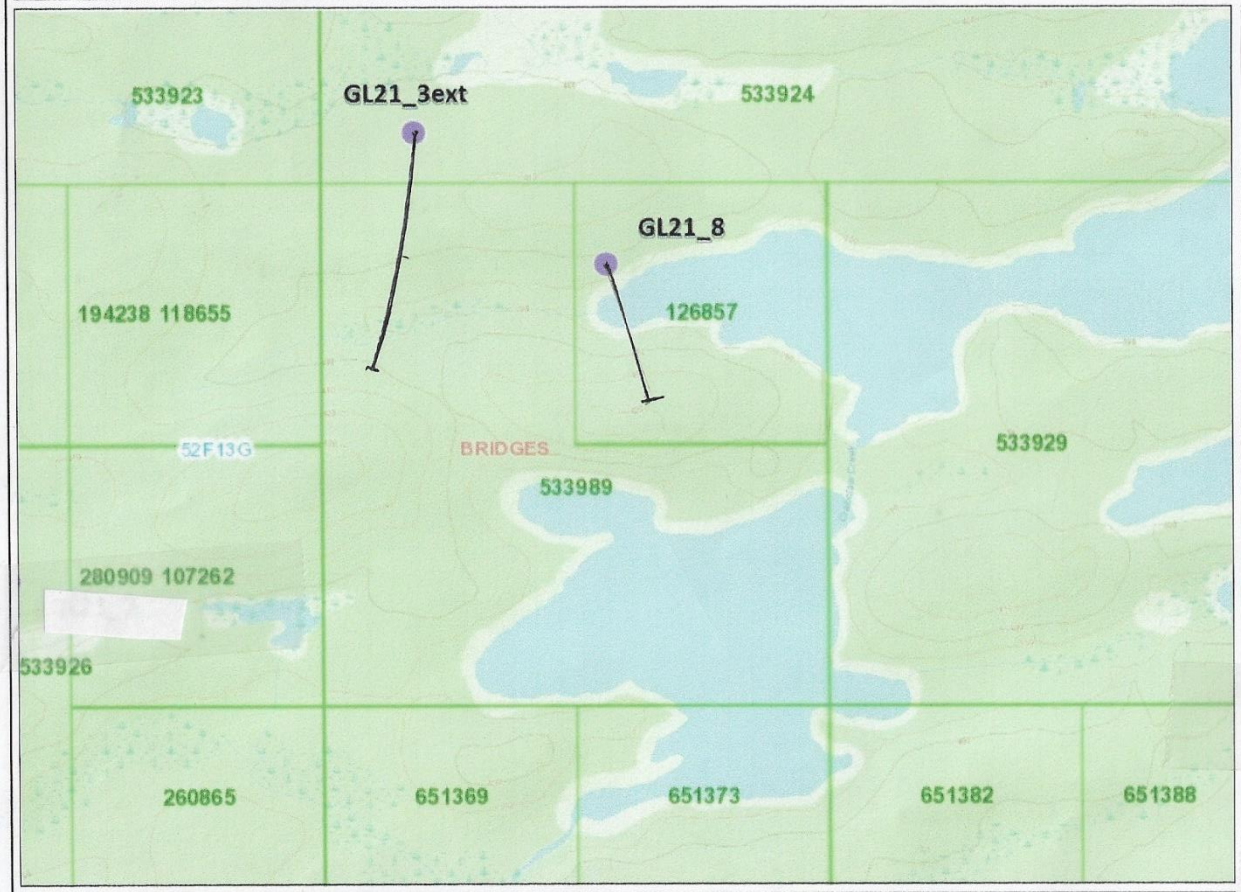

0+00
GL21_7
30+00 E
AEM Anomaly
VLF EM
VLF EM
0+00
GL21_7
Magnetic Anomaly
Lake
0.02, 12.4, 771 / 7.1
-100 m
-100 m
0.08. 8.3, 1987 / 15.7
0.07, 4.5, >10,000 / 3.0
198 m
0.07, 8.4, 9070 / 1.6
-200 m
-200 m
Altered Mineralized Zone
Altered Greywacke, Cherty
Pyritic Sediments, Felsic Tuffs
Greywacke, Siltstone, Felsic Tuffs
Calc-Silicate
Pegmatite
Fault Zone
Au g/t, Ag g/t, Zn ppm / m
0.08, 4.5, 9070 / 12.3
0
50
100
200
SCALE (metres)
GAME LAKE PROPERTY
KENORA MINING DISTRICT
BRIDGES TOWNSHIP, ONTARIO
UTM 451360 E 5521457
HOLE GL21_7
SECTION LOOKING 250 AZ

Ontario

Ministry of Northern Development, Mines, Natural Resources and Forestry (NDMNRF)
MLAS Map Viewer

MLAS Map

Notes:



Legend

Provincial Grid Cell
- Available
- Pending
- Unavailable

Mining Claim
- Mining Claim
- Boundary Claim

Alienation
- Withdrawal
- Notice

NDM Administrative Boundaries
- NDM Townships and Areas
- Geographic Lot Fabric
- UTM Grid 1K
- UTM Grid 10K
- Mining Division
- Mineral Exploration and Development Region
- CLUPA Protected Area - Far North
- Resident Geologist District
- Federal Land Other
- Native Reserves
- AMIS Sites
- AMIS Features
- Drill Hole
- Mineral Occurrences

MLAS Mining History
- Withdrawal - History
- Notice - History
- Mining Claim - History
- Mining Land Tenure - History
- Legacy Claim

Provincial Grid

GAME LAKE PROPERTY
KENORA MINING DISTRICT
BRIDGES TOWNSHIP, ONTARIO
UTM 452433 E 5522011
HOLE GL21_8
UTM 452108 E 5522208 N
HOLE GL21_3ext

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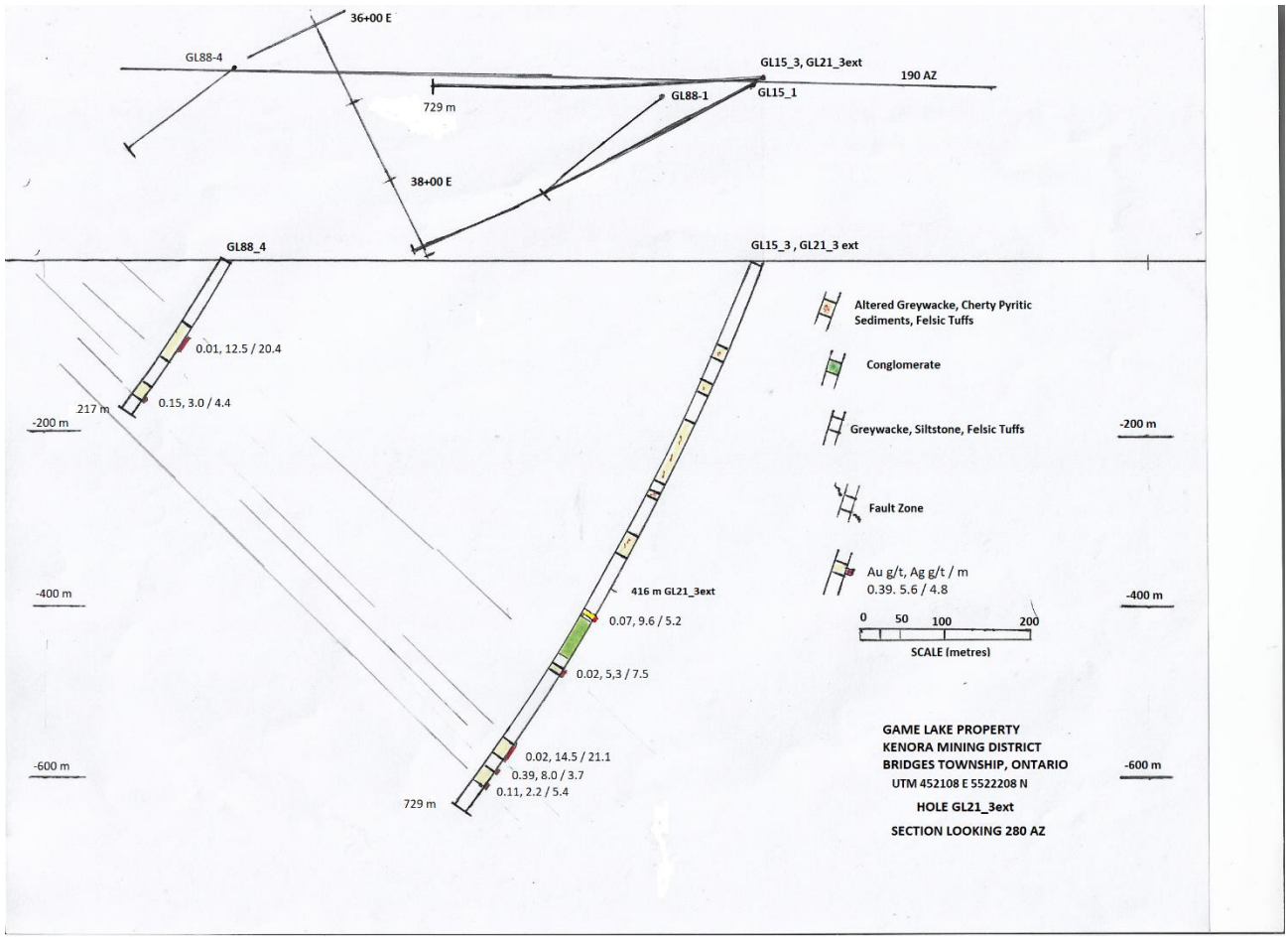
Projection: Web Mercator

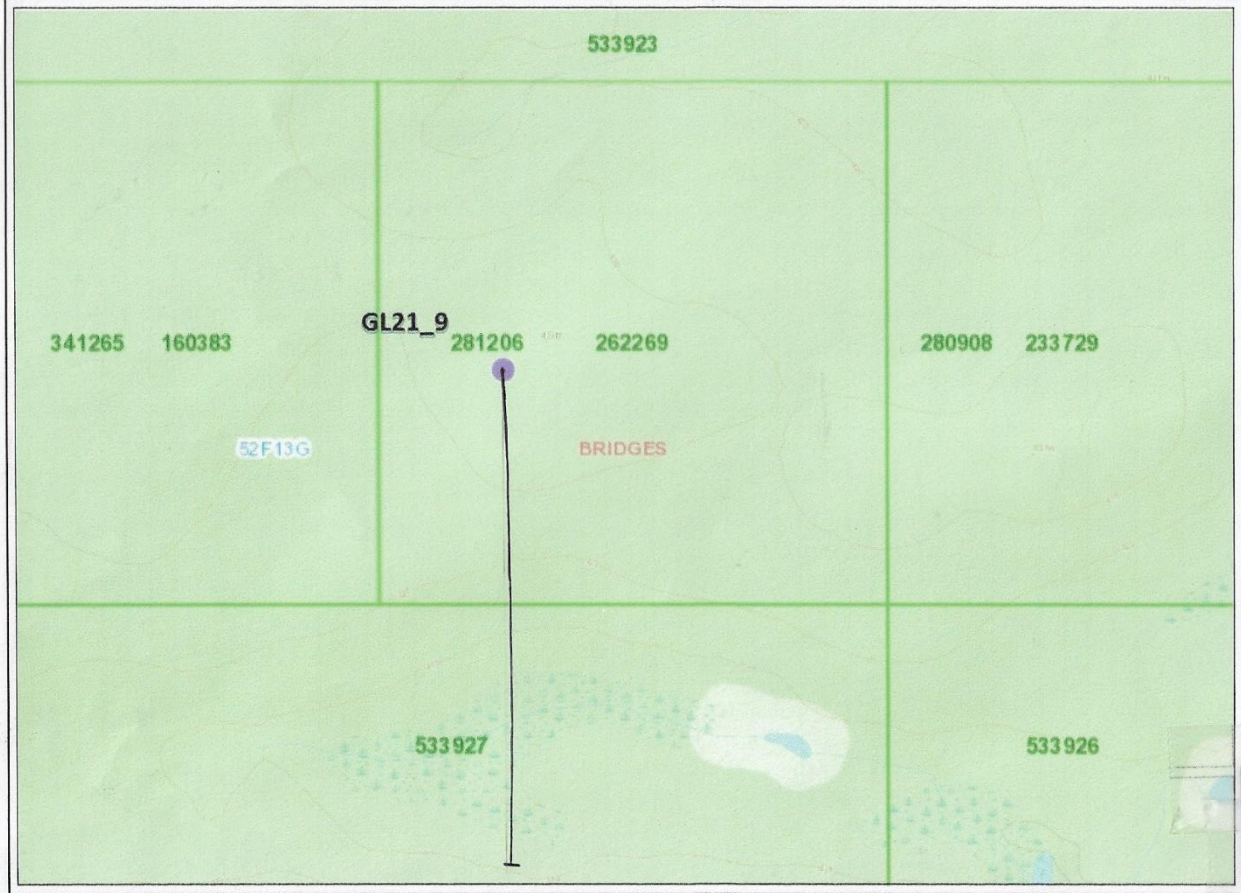

36+00 E
GL88-4
GL15_3, GL21_3ext
190 AZ
729 m
GL88-1
GL15_1
38+00 E
GL88_4
GL15_3 , GL21_3 ext
0.01, 12.5 / 20.4
217 m
0.15, 3.0 / 4.4
-200 m
-400 m
-600 m
416 m GL21_3ext
0.07, 9.6 / 5.2
0.02, 5,3 / 7.5
0.02, 14.5 / 21.1
0.39, 8.0 / 3.7
0.11, 2.2 / 5.4
729 m
Altered Greywacke, Cherty Pyritic Sediments, Felsic Tuffs
Conglomerate
Greywacke, Siltstone, Felsic Tuffs
Fault Zone
Au g/t, Ag g/t / m
0.39. 5.6 / 4.8
0 50 100 200
SCALE (metres)
GAME LAKE PROPERTY
KENORA MINING DISTRICT
BRIDGES TOWNSHIP, ONTARIO
UTM 452108 E 5522208 N
HOLE GL21_3ext
SECTION LOOKING 280 AZ

Ontario

Ministry of Northern Development, Mines, Natural Resources and Forestry (NDMNRF)
MLAS Map Viewer

MLAS Map

Notes:



Legend

- **Provincial Grid Cell**
  - Available
  - Pending
  - Unavailable
- **Mining Claim**
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  - Boundary Claim
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  - Withdrawal
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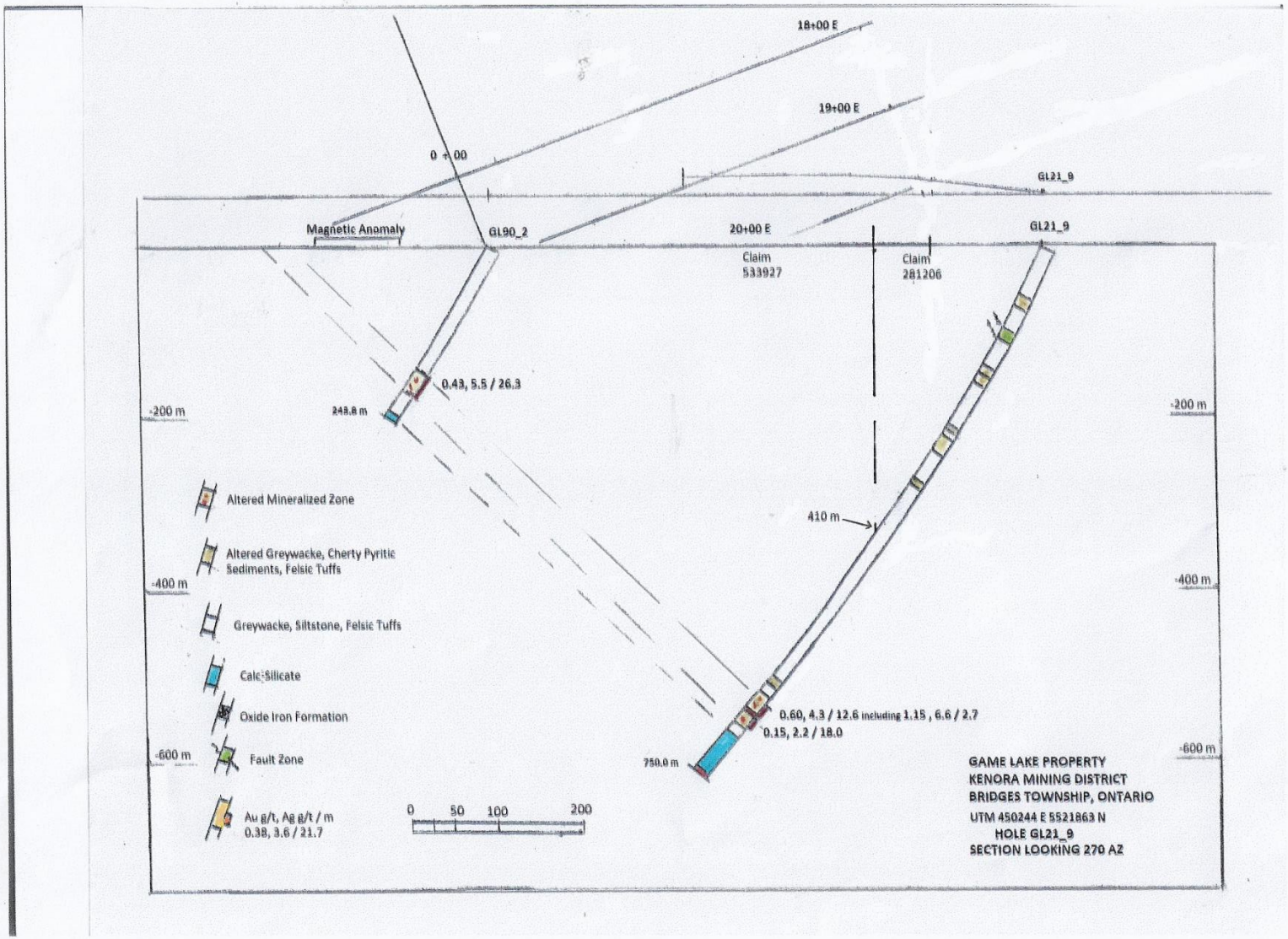
  - Notice - History
  - Mining Claim - History
  - Mining Land Tenure - History
  - Legacy Claim
- **Provincial Grid**
  - Provincial Grid 250K
  - Provincial Grid 50K

GAME LAKE PROPERTY
KENORA MINING DISTRICT
BRIDGES TOWNSHIP, ONTARIO
UTM 450244 E 5521863 N
HOLE GL21_9

Those wishing to register mining claims should consult with the Provincial Mining Recorders' Office of the Northern Development and Mines (NDM) for additional information on the status of the lands shown hereon. This map is not intended for navigational, survey, or land title determination purposes as the information shown on this map is compiled from various sources. Completeness and accuracy are not guaranteed. Additional information may also be obtained through the local Land Titles or Registry Office, or the Natural Resources and Forestry. The information shown is derived from digital data available in the Provincial Mining Recorders' Office at the time of downloading from the Northern Development and Mines (NDM) web site.

0 0.25 km

Projection: Web Mercator


18+00 E
19+00 E
0 + 00
GL21_9
Magnetic Anomaly
GL90_2
20+00 E
GL21_9
Claim
533927
Claim
281206
0.43, 5.5 / 26.3
248.8 m
-200 m
-200 m
410 m
Altered Mineralized Zone
Altered Greywacke, Cherty Pyritic Sediments, Felsic Tuffs
-400 m
-400 m
Greywacke, Siltstone, Felsic Tuffs
Calc-Silicate
Oxide Iron Formation
-600 m
Fault Zone
-600 m
0.60, 4.3 / 12.6 including 1.15 , 6.6 / 2.7
0.15, 2.2 / 18.0
750.0 m
Au g/t, Ag g/t / m
0.38, 3.6 / 21.7
0
50
100
200
GAME LAKE PROPERTY
KENORA MINING DISTRICT
BRIDGES TOWNSHIP, ONTARIO
UTM 450244 E 5521863 N
HOLE GL21_9
SECTION LOOKING 270 AZ

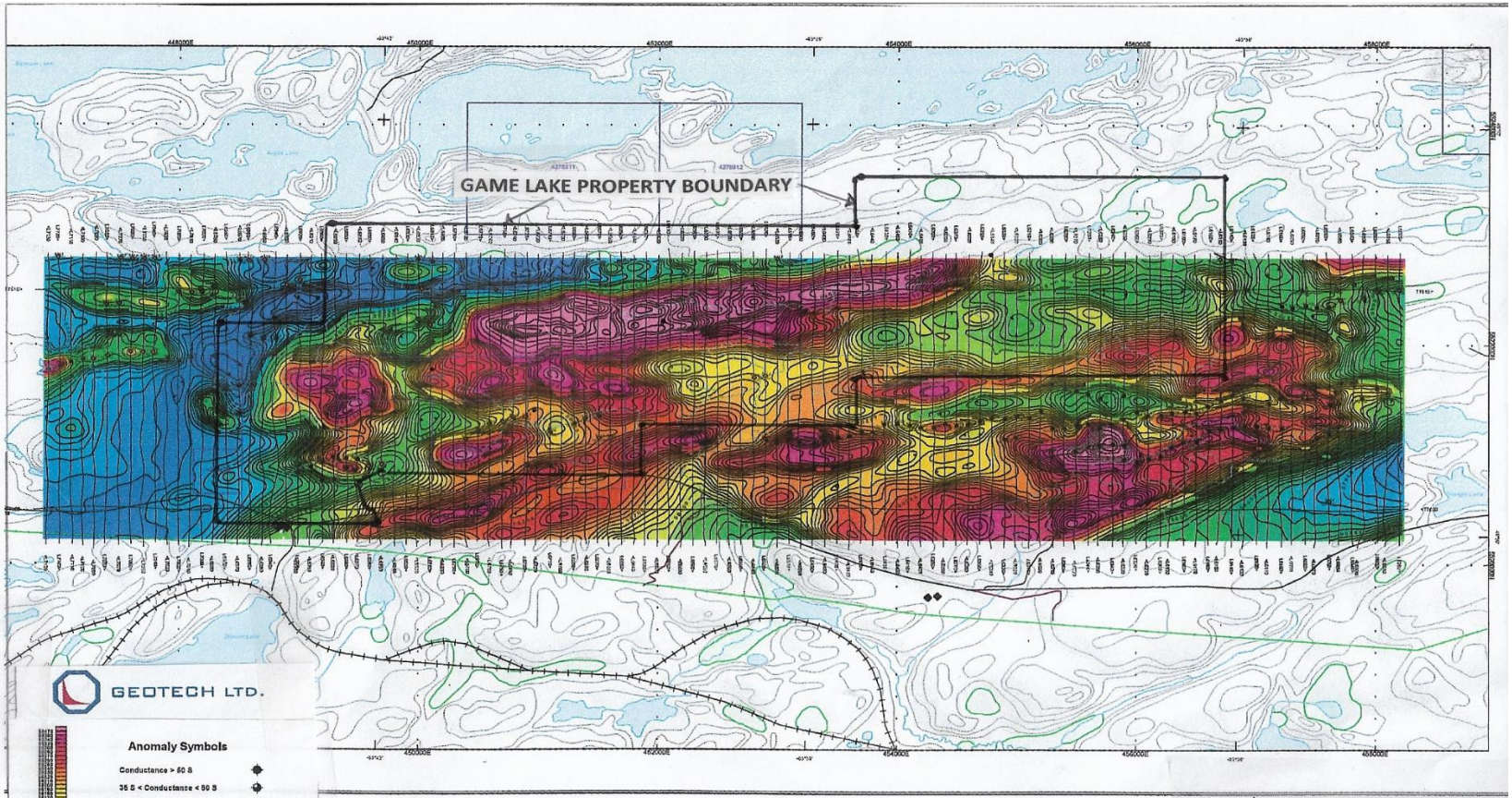
5.3

DRILLING RESULTS

The 2021 Game Lake drill program intersected silicified biotitic sericitic sillimanite garnetiferous altered deformed greywackes, cherty sediments and felsic tuffs with magnetite, pyrite, pyrrhotite, chalcopyrite sphalerite mineralization over wide core lengths. Hole GL21_7 was drilled to test airborne electromagnetic and ground VLF anomalies located along the southern shoreline of Harrison Lake centered on Rio gridline 30 E This hole intersected altered mineralized garnetiferous greywacke from 115.0-159.1m and 174.0-175.6 m disseminated magnetite, pyrite, pyrrhotite and sphalerite. 161.6- 183.45 m and 221.0-228.4 m. Pyritic biotitic altered greywackes were intersected at 198.0-221.0 m. A unmineralized massive granite intrusive was encountered at 328.6-335.55 m. These zones are interpreted to be the source of the electromagnetic anomalies. Samples from GL21_7 returned only trace gold and up to 8.4 g/t Ag and 1987 to >10.000 ppm Zn over widths of 1.6-15.7 m. Hole GL21_8 tested some IP anomalies along Rio gridline 42 E 300 m west of anomalous Ag-Zn mineralization intersected in historic hole GL90_3. The IP anomalies are due to pyritic altered sericitic garnetiferous cherty felsic tuffs and greywackes. Best assay result was 23.5 g/t Ag and 5960 ppm Zn over 2.4 m.

Hole GL15_3 was extended from 416 m to 729 m to test 500 m down-dip anomalous Au Ag Zn mineralization intersected in historic hole GL88_4 along Rio gridline 35 E. Best assay intervals were 0.02 g/t Au, 14.5 g/t over 21.1 m, 0.39 g/t Au, 8.0 g/t Ag over 3.7 m and 0.11 g/t Au, 2.2 g/t Ag over 5.4 m at a vertical depth of -600 m.

Hole GL21_9 tested at depth the weakly anomalous Au-Ag mineralized zone intersected in historic holes GL88_6, GL90_2 and GL19_5, (0.39 g/t Au, 4.7 g/t Ag over 36.4 m and 0.43 g/t Au, 5.5 g/t Ag over 26.3 m assayed 0.39 g/t Au, 3.5 g/t Ag respectively). Two zones of strongly magnetic sillimanite biotite altered felsic tuffs and greywackes with 1-10% disseminated and stringer pyrite-pyrrhotite which assayed 0.60 g/t Au and 4.3 g/t Ag over 12.6 m and 0.15 g/t Au 2.2 g/t Ag over 18.0 m, were intersected at a vertical depth of -550 m along Rio grid line 19 E.



GEOTECH LTD.

Magnetic field (nT)

Contour intervals: 10 nT, 50 nT, 200 nT, 1000 nT

Anomaly Symbols

- Conductance > 50 S
- 35 S < Conductance < 50 S
- 20 S < Conductance < 35 S
- 10 S < Conductance < 20 S
- 5 S < Conductance < 10 S
- Conductance < 5 S
- Cultural

Anomaly ID — Conductance dBdt (S)

D1130f +100 — TAU dBdt (ms)

red circle inside refers to "thin" conductor

TOPOGRAPHIC LEGEND:

- Buildings
- Roads
- Trails
- Railroads
- Transmission Lines
- Streams / Rivers
- Contours
- Lakes / Ponds
- Wetlands
- Mining Claims

Survey Specifications:

Aircraft: Astar BA helicopter, Registration: C-GHBM
Flight Line Spacing: 100 metres
Nominal terrain clearance 70 metres
EM sensor in 40 metres under helicopter
Magnetic sensor is 15 metres under helicopter

Instruments:

Geotech Time Domain Electromagnetic System with concentric Rx/Tx geometry
Geometrics Optically-pumped, High Sensitivity Cesium Magnetometer
Mag Resolution 0.02 nT at 10 samples/sec

Scale 1:20000

250 0 250 500 750 1000 [meters]

WGS 84 / UTM zone 18N

The topographic data base was derived from 1:50000 NRO (Natural Resources Canada) NTDS data. Background shading is derived from HADA SRTM (Shuttle Radar Topography Mission) data. Inset data derived from DIVA-GIS Geographic National Dataset for Canada at 1:10,000,000. Mining claims are derived from the Ontario Ministry of Northern Development and Mines (www.geogratis.ca/(www.diva-gis.org))

GeoFortune Resources Corp.
Originally flown in 2004 for Emerald Fields Resources
Bridges Block
Ontario, Canada

Geotech TDEM System
Total Field Magnetics

Flown and processed by Geotech Ltd.
245 Industrial Parkway North,
Aurora, Ontario, Canada L4G 4C4
www.geotech.ca

November 2013

6.0 CONCLUSIONS and RECOMMMENDATIONS

The 2021 drilling failed to discover any economic gold mineralization; however interesting strongly altered pyrite-pyrrhotite-magnetite mineralized zones with weakly anomalous gold, silver and zinc values were intersected.

It is recommended that the GL86_06 - GL90_02 - GL19_5 - GL21_9 Au-Ag Zone be tested for an easterly plunge. Also, further drilling is proposed to test the GL88_04 - GL90_03 - GL15_1 Au Ag Zn Zone for an easterly plunge at depth. A short hole is proposed to test a depleted airborne magnetic anomaly located near Rio gridline 50E 00+ N. In total 2,000 m of drilling in three holes are recommended.

7.0 REFERENCES

A.P. Pryslak, 1976 Geology of the Bruin Lake Edison Lake Area, District of Kenora,

Geoscience Report 130.

Kenora Mining Division MNDM Assessment Work Files

W. Benham

Wayne R. Benham

APPENDIX I

2021 DRILL LOGS

Province:	Ontario	**DATE LOGGED:** September 12-13, 2021	**Grid E**	30+00E	**Method**	**Depth**	**Az corr.**	**Dip**
Township	Bridges	**LOGGED BY:** Wayne Benham	**Grid N**	0+85 S		0	160	-60.0
Started:	11-Sep-21	**DRILLED BY:** RJLL Drilling Rouyn-Noranda, Quebec	**UTM E:**	451360	REFLEX	39	162.2	-59.2
Completed:	12-Sep-21	**UNITS:** Metres	**UTM N:**	5521457		120	166.0	-57.4
CORE SIZE:	NQ	**CORE LOCATION:**	**ELEV:**			195	166.0	-56.0
			Length:	198.0				
PURPOSE:	To test AEM Anomaly on south shore of Harrison Lake							
COMMENTS:								

SUMMARY LOG: GL21_7			**ASSAY SUMMARY**					
From	**To**	**Lithology**	**From**	**To**	**Meters**	**Au g/t**	**Ag g/t**	**Cu ppm**
0.00	**1.80**	**Overburden**						
1.80	**40.10**	**Greywacke**						
40.10	**66.70**	**Sillimanite Altered Greywacke**						
66.70	**73.80**	**Gametiferous Biotitic Greywacke**	66.7	73.8	7.1	0.02	12.4	74
73.80	**84.80**	**Sillimanite Biotitic Altered Greywacke**						
84.80	**87.30**	**Cherty Sediments and Greywacke**						
87.30	**115.00**	**Muscovite Altered Greywacke**						
115.00	**159.10**	**Altered Mineralized Zone**	124.3	140.0	15.7	0.08	8.3	659
159.10	**174.00**	**Chloritic Biotitic Gametiferous Greywacke**						
174.00	**175.60**	**Altered Mineralized Zone**	150.0	153.0	3.0	0.07	4.5	173
175.60	**190.70**	**Pegmatite Dyke**						
190.70	**196.10**	**Chloritic Biotitic Greywacke**	174.0	175.6	1.6	0.07	8.4	201
196.10	**198.00**	**Sillimanite Garnetiferous Altered Greywacke**						
	198.00	**EOH**						

From (m)	To (m)	Description GL21_7	Sample Number	From	To	Length	FA-AA Au ppb	AR-ICP Ag ppm	AR-ICP Cu ppm	AR-ICP Zn ppm	Qcv (%)	Pyrite (%)	Other Remarks
0.00	**1.80**	**Overburden**											
1.80	**40.10**	**Greywacke**											
		1.8-24.0											
		Grey to dark medium grained greywacke, weakly to moderately magnetic, weakly											
		to moderately foliated at 60 deg, a few scattered 2-5 mm wide orange pink potassic											
		veinlets parallel to foliation, finely disseminated magnetite											
		24.0-40.1											
		Similar to above but nonmagnetic to weakly magnetic, 1-10%, 0.5-3 cm wide, white											
		quartz veining with 2-10% green black chlorite + hornblende.											
40.10	**66.70**	**Sillimanite Altered Greywacke**											
		Grey to light grey medium grained greywacke with 1-5% white sillimanite clots parallel											
		to foliation at 60 deg, 1-2%, 1-2 mm, pale pink red disseminated garnets, 2-5% black											
		disseminated biotite, trace disseminated pyrite.											
66.70	**73.80**	**Garnetiferous Biotitic Greywacke**	748001	66.70	67.70	1.00	19	13.6	107	983		0.5	po
		Grey to dark grey medium grained strongly magnetic garnetiferous biotitic	748002	67.70	68.70	1.00	13	12.8	86	550		1	po
		greywacke with 5-10% dark red, 1-2 mm, disseminated garnets, 10-15% black	748003	68.70	69.60	0.90	16	7.2	24	443		0.5	po
		disseminated biotite, 1%, fine grained disseminated pyrite +- pyrrhotite, trace	748004	69.60	70.50	0.90	28	14.8	77	1320		1	po, sp
		irregular honey brown sphalerite along foliation planes, moderately foliated	748005	70.50	71.40	0.90	26	16.7	71	837		0.5	sp
		at 70 deg, gradational lower contact defined by decrease in sulphide content,	748006	71.40	72.20	0.80	16	11.8	40	885		1	po, s p
		69.6-72.2	748007	72.20	73.00	0.80	13	10.9	54	618		1	po, sp
		Light grey to pink more siliceous and potassic altered section with 1-2 %	748008	73.00	73.80	0.80	19	10.8	125	496		0.5	po
		disseminated pyrite-pyrrhotite											
73.80	**84.80**	**Sillimanite Biotitic Altered Greywacke**											
		Light grey to grey biotitic fine to medium grained greywacke with 1-2% white											
		sillimanite clots parallel to foliation at 60-65 deg,1% disseminated red garnets											
		moderately magnetic, trace pyrite pyrrhotite, 1% disseminated magnetite											
84.80	**87.30**	**Cherty Sediments and Greywacke**	748009	84.80	85.90	1.10	14	4.9	79	1350		2	sp
		Light grey to grey fine grained cherty sediments and fine grained, stronger foliation	748010	85.90	86.70	0.80	15	6	98	1230		2	
		at 65 deg, weakly magnetic 1-2% finely disseminated pyrite, trace red brown	748011	86.70	87.30	0.60	15	4.9	170	840		1	sp
		sphalerite, scattered pale pink potassic altered bands in biotitic greywacke.											
87.30	**115.00**	**Muscovite Altered Greywacke**											
		Light grey fine to medium grained altered greywacke with 1-3 % disseminated											
		shiny muscovite, foliated at 65-70 deg, trace pyrite and garnets.											
		100.8-102.5											
		10%, 5-20 cm wide, quartz feldspar pegmatite dykes with trace pyrite and 1-2%											
		hornblende											

From (m)	To (m)	Description GL21_7	Sample Number	From	To	Length	FA-AA Au ppb	AR-ICP Ag ppm	AR-ICP Cu ppm	AR-ICP Zn ppm	Qcv (%)	Pyrite (%)	Other Remarks
115.00	**159.10**	**Altered Mineralized Zone**	748012	115.00	115.90	0.90	24	2.5	180	291		1	
		Dark grey to grey chloritic biotitic garnetiferous fine to medium grained greywacke	748013	115.90	116.90	1.00	17	2.1	128	239	10	1	
		weakly to locally strongly magnetic due to 2-10% disseminated magnetite and	748014	116.90	117.90	1.00	16	1.8	154	327	7	1	
		locally 1-2% pyrrhotite mineralization, moderately to strongly foliated at 60-65-70 deg	748015	117.90	118.90	1.00	14	1.7	130	287	25	0.5	
		avg 70 deg, altered greywacke intruded by irregular grey fractured quartz veins with	748016	118.90	119.90	1.00	13	2	148	382		1	
		1-10% pyrite in fractures, also intruded by coarse grained pink grey quartz feldspar	748017	119.90	120.80	0.90	17	2.9	154	557		1	
		pegmatite dykes.	748018	120.80	121.70	0.90	19	2.5	151	376		0.5	
		Quartz veins with pyrite	748019	121.70	122.60	0.90	16	2.2	143	378		1	
		116.7-116.9 1% pyrite, 117.42-117.46 1% pyrite, 126.17-126.19 2% pyrite,	748020	122.60	123.50	0.90	13	2.2	148	400		1	
		129.35-129.37 2% pyrite, 131.6-131.7 10% pyrite 10% black chlorite +- hornblende,	748021	123.50	124.30	0.80	11	3.4	180	346		1	
		137.07-137.25 1% pyrite.	748022	124.30	125.00	0.70	56	10.7	302	1020		3	
		Pegmatite Dykes	748023	125.00	126.00	1.00	135	17.1	1610	854		10	
		126.9-127.6 and 128.6-128.67	748024	126.00	127.00	1.00	114	8.9	1390	304	2	1	2 peg
		Stronger sulphide zones	748025	127.00	128.00	1.00	118	8.5	1170	164		2	30 peg
		125.6-125.9	748026	128.00	129.00	1.00	113	12.6	1590	251		3	20 peg
		10-15%, 2-15 mm wide, irregular pyrite fracture-fillings, 5% disseminated	748027	129.00	130.00	1.00	65	7.3	860	224	2	2	
		pyrrhotite, pyrite intrudes pyrrhotite, 10% disseminated magnetite.	748028	130.00	131.00	1.00	76	13	1240	250	10	3	
		130.4-130.9	748029	131.00	132.00	1.00	48	16.7	1190	187	20	5	
		10% irregular pyrite fracture-fillings, 10% disseminated magnetite, 15%, 1-8 cm wide,	748030	132.00	133.00	1.00	34	6.6	439	258	2	3	
		rounded to boudinaged light grey quartz fragments with 1% pyrite in fractures.	748031	133.00	134.10	1.10	147	2.6	95	450		2	
		134.1-134.15	748032	134.10	135.20	1.10	34	3	110	476		3	1 sp
		30% coarse grained pyrite in fractures,20-25% red brown sphalerite -garnets	748033	135.20	136.00	0.80	12	1.6	71	1710		1	
		disseminated in matrix and along contacts.	748034	136.00	137.00	1.00	8	2.1	28	1330		1	
		138.3-138.8	748035	137.00	138.00	1.00	24	5	68	4420	10	3	
		10-15% red brown sphalerite in fractures crosscutting foliation, 2% irregular	748036	138.00	139.00	1.00	174	15.1	203	> 10000		5	10 sp
		pyrite disseminated in sphalerite, 2% finely disseminated pyrite in weakly	748037	139.00	140.00	1.00	156	2.9	57	9850		1	1 sp
		silicified greywacke matrix, garnetiferous	748038	140.00	141.00	1.00	7	0.9	14	1500		1	1 sp
		138.8-140.3	748039	141.00	142.00	1.00	15	0.8	26	2070		1	3 sp
		Foliated at 65-70 deg, strongly chloritic and garnetiferous, 1-3%, 1-2 mm wide,	748040	142.00	143.00	1.00	26	0.3	7	1520		0.5	1 sp
		pyrite-sphalerite stringers parallel to foliation.	748041	143.00	144.00	1.00	65	1.8	153	3660		1	1 sp
		140.3-159.1	748042	144.00	145.00	1.00	9	1.4	58	1990	10	0.5	1 sp
		Dark grey green black chloritic biotitic garnetiferous fine to medium grained											
		greywacke, overall nonmagnetic, 1-15%, 1-5 mm, red disseminated garnets	748043	150.00	151.00	1.00	54	4	149	> 10000		1	3 sp
		moderately foliated at 70 deg to 145 m, 80 deg to 148 m and 85 deg to 159.1 m.	748044	151.00	152.00	1.00	103	5.1	178	9950		2	1 sp
		trace to 1% finely disseminated pyrite in matrix, widely spaced, 0.1-3 cm wide,	748045	152.00	153.00	1.00	60	4.3	193	> 10000		1	2 sp
		veins parallel to foliation with1-5% honey brown and red brown sphalerite,	748046	153.00	154.00	1.00	22	2.7	27	1760		1	1 sp
		1-2% pyrite and 1-10% grey quartz.											
159.10	**174.00**	**Chloritic Biotitic Garnetiferous Greywacke**											
		159.1-164.0											
		Dark grey to green grey fine to medium grained chloritic biotitic garnetiferous											
		greywacke weakly magnetic, foliated at 85 deg, trace pyrite.											
		164.0-174.0	748047	164.00	164.60	0.60	19	2.2	80	2970		0.5	1 sp
		Grey to blue green chloritic biotitic garnetiferous fine to medium grained greywacke	748048	164.60	165.40	0.80	43	10.8	311	> 10000		3	3 sp, 10 mag
		2-3%, 1-2 mm pale red maroon disseminated garnets, strongly magnetic due to											
		disseminated magnetite, trace pyrite	748049	171.00	172.00	1.00	15	3.2	62	620		1	sp
		165.18-165.21	748050	172.00	173.00	1.00	21	3	62	2080		tr	1 sp, 5 mag
		Irregular 25% magnetite, 15% pyrite 15% sphalerite quartz chlorite vein at 80-90 deg	748051	173.00	174.00	1.00	6	2.9	32	962		tr	1 sp

From (m)	To (m)	Description GL21_7	Sample Number	From	To	Length	FA-AA Au ppb	AR-ICP Ag ppm	AR-ICP Cu ppm	AR-ICP Zn ppm	Qcv (%)	Pyrite (%)	Other Remarks
174.00	**175.60**	**Altered Mineralized Zone**	748052	174.00	175.00	1.00	54	9.4	240	> 10000		10	10 sp,3 cp
		40-60%, 1-5 mm, red maroon garnet clusters, 10% disseminated to stringer pyrite,	748053	175.00	175.60	0.60	26	6.8	137	7520		1	15 mag,5 sp
		5% sphalerite, 3% chalcopyrite, 15% magnetite grains and stringers	748054	175.60	176.30	0.70	< 5	1.2	14	311		tr	5 mag
		30-50% garnets increasing towards lower contact, foliated at 70-45-70 deg.											
175.60	**190.70**	**Pegmatite Dyke**											
		175.6-181.4											
		Red orange coarse grained potassic altered pegmatite dyke, upper contact at 70 deg,											
		gradational lower contact.											
		176.0-176.3											
		10% 0.5-1.5 cm irregular magnetite inclusions											
		181.4-190.7											
		Light pink to white coarse grained feldspar quartz pegmatite											
190.70	**196.10**	**Chloritic Biotitic Greywacke**											
		Black to dark green, fine grained biotitic chloritic greywacke, nonmagnetic,											
		foliated at 60-70 deg, 20%, 5-20 cm wide light grey quartz veining with trace											
		garnets and epidote											
196.10	**198.10**	**Sillimanite Garnetiferous Altered Greywacke**											
		Grey to dark grey chloritic fine grained greywacke, nonmagnetic											
		foliated at 70 deg, 1-2% stretched sillimanite white colts, 1-2%, 1-2 mm, pale red											
		disseminated garnets.											
	198.10	**EOH**											
		Casing pulled											

PROPERTY: Game Lake			HOLE NUMBER: GL21_8						
Province:	Ontario	**DATE LOGGED:** September 14-17, 2021	**Grid E**	42+00E	**Method**	**Depth**	**Az corr.**	**Dip**	**Mag**
Township	Bridges	**LOGGED BY:** Wayne Benham	**Grid N**	2+75 N		0	160	-70.0	
Started:	12-Sep-21	**DRILLED BY:** RJLL Drilling Rouyn-Noranda, Quebec	**UTM E:**	452433	REFLEX	30	160.2	-69.7	56752
Completed:	16-Sep-21	**UNITS:** Metres	**UTM N:**	5522011		120	163.1	-68.6	57294
CORE SIZE:	NQ	**CORE LOCATION:**	**ELEV :**			210	164.6	-65.0	57205
			Length:	465.0		300	165.9	-63.1	56685
						390	166.8	-61.4	56758
PURPOSE:	To test IP and Magnetic anomalies 300 m east of drill holes GL15_01 and GL90-03					462	167.4	-59.4	56397
COMMENTS:									

SUMMARY LOG: GL21_8			ASSAY SUMMARY						
From	**To**	**Lithology**	**From**	**To**	**Meters**	**Au g/t**	**Ag g/t**	**Cu ppm**	**Zn ppm**
0.00	**2.80**	**Overburden**							
2.80	**15.40**	**Chloritic Greywacke**							
15.40	**26.10**	**Pyritic Cherty Greywacke**							
26.10	**34.00**	**Chloritic Greywacke**							
34.00	**44.80**	**Pyritic Cherty Greywacke**							
44.80	**72.00**	**Chloritic Greywacke**							
72.00	**85.00**	**Greywacke**							
85.00	**110.00**	**Greywacke**							
110.00	**118.00**	**Altered Cherty Greywacke**							
118.00	**119.70**	**Chloritic Greywacke**							
119.70	**122.65**	**Pegmatite**							
122.65	**135.80**	**Pyritic Chloritic Greywacke**							
135.80	**153.10**	**Pyritic Cherty Sediments**							
153.10	**162.80**	**Tuffaceous Greywacke / Felsic Tuff**							
162.80	**176.00**	**Biotitic Tuffaceous Greywacke**							
176.00	**177.80**	**Pyritic Tuffaceous Greywacke / Felsic Tuff**							
177.80	**202.60**	**Biotitic Tuffaceous Greywacke**							
202.60	**212.30**	**Chloritic Garnetiferous Greywacke**							
212.30	**224.40**	**Conglomerate**							
224.40	**228.15**	**Biotitic Garnetiferous Greywacke**							
228.15	**246.40**	**Conglomerate**							
246.40	**280.05**	**Biotitic Garnetiferous Greywacke**							
280.05	**289.30**	**Conglomerate**							
289.30	**319.40**	**Sillimanite Garnetiferous Altered Felsic Tuff / Tuffaceous Greywacke**							
319.40	**329.20**	**Pegmatite Dyke**	328.0	329.2	1.2	0.011	9.8	171	1258
329.20	**337.40**	**Biotitic Garnetiferous Tuffaceous Greywacke / Felsic Tuff**							
337.40	**354.35**	**Sericitic Sillimanite Garnetiferous Altered Felsic Tuff / Tuffaceous Greywacke**	342.0	344.4	2.4	0.013	23.5	70	5960
354.35	**375.80**	**Chloritic Greywacke**							
375.80	**381.20**	**Altered Garnetiferous Greywacke**							
381.20	**387.80**	**Chloritic Garnetiferous Greywacke**							
387.89	**400.20**	**Conglomerate**							
400.20	**403.85**	**Chloritic Greywacke**							
403.85	**408.15**	**Pegmatite Dyke**							
408.15	**411.70**	**Chloritic Biotitic Greywacke**							
411.70	**422.50**	**Pegmatite Dyke**							
422.50	**465.00**	**Conglomerate**							
	465.00	**EOH**							

From (m)	To (m)	Description GL21_8	Sample Number	From	To	Length	FA-AA Au ppb	AR-ICP Ag ppm	AR-ICP Cu ppm	AR-ICP Zn ppm	Qcv (%)	Pyrite (%)	Other Remarks
0.00	**2.80**	**Overburden**											
2.80	**15.40**	**Chloritic Greywacke**											
		2.8-7.0											
		Light grey to green chloritic epidote altered medium grained greywacke											
		magnetic, foliated at 50 deg.											
		7.0-15.4											
		Dark grey to green grey chloritic epidote altered fine grained greywacke											
		nonmagnetic foliated at 50 deg, trace to 1% medium grained pyrite along foliation											
		planes.											
15.40	**26.10**	**Pyritic Cherty Greywacke**	748055	15.40	16.40	1.00	64	1.7	179	90		2	
		15.4-17.4	748056	16.40	17.40	1.00	29	1.4	63	109		1	
		Grey to light grey cherty fine grained greywacke moderately foliated at 50 deg,	748057	17.40	18.30	0.90	31	0.8	16	78		1	
		1-2% fine to medium grained pyrite along foliation planes. Some coarser grained	748058	18.30	19.00	0.70	49	0.8	14	102	2	1	15 peg
		pyrite up to 1 cm, trace pyrrhotite.	748059	19.00	20.00	1.00	59	1	27	134		3	
		17.40-17.43	748060	20.00	21.00	1.00	17	0.5	26	89		1	
		Grey muddy clay fault at 55 deg.	748061	21.00	22.00	1.00	30	0.4	45	81		2	
		17.43-26.1	748062	22.00	23.00	1.00	45	0.4	26	82		1	
		Dark green to grey cherty chloritic fine grained greywacke, moderately foliated	748063	23.00	24.00	1.00	50	0.8	65	76		1	
		at 55 deg, nonmagnetic, 1-3% fine to medium grained pyrite along foliation planes,	748064	24.00	25.00	1.00	25	1	26	91		2	10 peg
		1%, 1-2 cm wide, grey quartz veining	748065	25.00	26.10	1.10	27	0.7	130	88		3	
		18.35-18.50											
		Pink coarse grained pegmatite vein.											
26.10	**34.00**	**Chloritic Greywacke**											
		Dark grey to green grey chloritic fine to medium grained greywacke, foliated											
		at 55 deg, nonmagnetic.											

From (m)	To (m)	Description GL21_8	Sample Number	From	To	Length	FA-AA Au ppb	AR-ICP Ag ppm	AR-ICP Cu ppm	AR-ICP Zn ppm	Qcv (%)	Pyrite (%)	Other Remarks
34.00	**44.80**	**Pyritic Cherty Greywacke**	748066	34.00	35.00	1.00	20	0.4	5	71	8	1	
		Light grey to grey weakly silicified cherty fine grained greywacke, laminated	748067	35.00	36.00	1.00	33	0.5	7	82	1	3	
		to moderately foliated at 55 deg, 3-5%, 0.1-3 cm wide, vuggy quartz veining	748068	36.00	37.00	1.00	26	0.5	12	149	1	3	
		at 50-55 deg with trace pyrite and black biotite, 1-5%, 0.5-2 mm wide, pyrite lenses	748069	37.00	38.00	1.00	27	0.4	11	77	3	3	
		and fine to medium grained pyrite along foliation planes.	748070	38.00	39.00	1.00	28	0.7	13	116	5	2	
			748071	39.00	40.00	1.00	44	0.8	12	371			
			748072	40.00	41.00	1.00	51	0.7	9	141	5	3	
			748073	41.00	42.00	1.00	18	0.7	6	91	1	1	
			748074	42.00	43.00	1.00	9	0.9	17	121	1	2	
			748075	43.00	43.70	0.70	7	0.7	26	83	5	2	
			748076	43.70	44.50	0.80	8	0.3	21	86	2	3	
44.80	**72.00**	**Chloritic Greywacke**											
		Light to dark grey to green black fine to medium grained chloritic greywacke											
		moderately foliated at 55 deg. Trace to 1% disseminated fine grained pyrite											
		along foliation planes											
		55.5-61.9											
		Increase in pyrite content to 1% along foliation planes at 55-60 deg, moderately											
		fractured broken core.											
72.00	**85.00**	**Greywacke**											
		Lighter grey more feldspathic weakly sillimanite altered fine grained greywacke											
		increase in muscovite content, moderately foliated at 55-60 deg, fractured											
		broken core, trace to 1% disseminated pyrite.											
		81-84 m											
		2 m ground core reported by drillers											
85.00	**110.00**	**Greywacke**											
		Grey to light grey fine grained feldspathic biotitic greywacke, nonmagnetic, foliated											
		at 55 to 60 deg, trace pyrite in and along foliation planes scattered											
		0.5-1.5 cm wide vuggy quartz veining parallel to foliation.											

From (m)	To (m)	Description GL21_8	Sample Number	From	To	Length	FA-AA Au ppb	AR-ICP Ag ppm	AR-ICP Cu ppm	AR-ICP Zn ppm	Qcv (%)	Pyrite (%)	Other Remarks
110.00	**118.00**	**Altered Cherty Greywacke**											
		Light grey to pink grey cherty fine grained altered greywacke with 10%,											
		1-2 mm wide, orange pink grey potassic altered feldspar quartz veinlets parallel											
		to moderate foliation/ lamination at 45-60 deg, nonmagnetic, trace pyrite.											
118.00	**119.70**	**Chloritic Greywacke**											
		Dark green grey chloritic medium grained greywacke											
		119.4-119.6											
		Light grey fractured quartz vein at 85 deg with trace pyrite.											
119.70	**122.65**	**Pegmatite**											
		Pink orange white coarse grained pegmatite dyke, irregular upper contact											
		lower contact at 55 deg											
122.65	**135.80**	**Pyritic Chloritic Greywacke**	748077	122.65	123.60	0.95	< 5	0.8	10	135		1	
		122.65-131.6	748078	123.60	124.60	1.00	< 5	0.9	42	165		2	
		Dark grey black chloritic biotitic fine to medium grained greywacke, weakly foliated	748079	124.60	125.60	1.00	5	1	63	313		5	
		at 45-55 deg, 1-5% medium grained pyrite disseminated along foliation planes.	748080	125.60	126.60	1.00	13	2.7	159	954		5	
		131.6-135.8	748081	126.60	127.60	1.00	10	3.1	97	1700		5	
		Similar to above but with a decrease in sulphide content, trace to 1% pyrite.	748082	127.60	128.60	1.00	16	5.7	169	3890		5	
			748083	128.60	129.60	1.00	< 5	0.8	55	859		3	
			748084	129.60	130.60	1.00	< 5	0.6	49	281		2	
			748085	130.60	131.60	1.00	< 5	0.6	44	222		2	

From (m)	To (m)	Description GL21_8	Sample Number	From	To	Length	FA-AA Au ppb	AR-ICP Ag ppm	AR-ICP Cu ppm	AR-ICP Zn ppm	Qcv (%)	Pyrite (%)	Other Remarks
135.80	**153.10**	**Pyritic Cherty Sediments**	748086	135.80	136.90	1.10	< 5	0.8	15	261		3	
		Grey to light grey occasionally orange pink cherty silicified altered sediments,	748087	136.90	138.00	1.10	< 5	0.9	17	162		5	
		1-3% biotite, 5-10% muscovite disseminated and along foliation planes,	748088	138.00	139.00	1.00	< 5	1.1	16	437		3	
		foliated/laminated at 55-60 deg, 1-5% fine to medium grained disseminated pyrite	748089	139.00	140.00	1.00	< 5	1.1	20	471	2	5	
		1-2%, 1-10 mm wide, irregular grey quartz veining parallel to foliation, nonmagnetic.	748090	140.00	141.00	1.00	< 5	0.6	15	474	2	2	
		142.4-142.6	748091	141.00	142.00	1.00	5	0.8	19	443	1	3	
		Potassic altered fault/fracture zone with fault gouge at 25-30 deg, weakly potassic	748092	142.00	143.00	1.00	8	1.1	18	189	1	3	
		altered wallrocks over 100 cm above and 40 cm below.	748093	143.00	144.00	1.00	< 5	0.6	19	407	1	3	
			748094	144.00	145.00	1.00	5	1.1	19	403		5	
			748095	145.00	146.00	1.00	< 5	0.6	17	237		5	
			748096	146.00	147.00	1.00	< 5	0.6	17	243	3	2	
			748097	147.00	148.00	1.00	< 5	0.5	16	267		2	
			748098	148.00	149.00	1.00	< 5	0.6	19	175	3	3	
			748099	149.00	150.00	1.00	< 5	0.5	16	137		1	
			748100	150.00	151.00	1.00	< 5	1.3	15	87		1	
			748101	151.00	152.00	1.00	< 5	0.9	13	411	3	5	
			748102	152.00	153.10	1.10	< 5	1.2	13	174		1	
153.10	**162.80**	**Tuffaceous Greywacke / Felsic Tuff**	748103	153.10	154.00	0.90	< 5	0.3	18	109		0.5	
		Grey to dark grey biotitic weakly sillimanite altered tuffaceous greywacke to felsic	748104	154.00	155.00	1.00	< 5	0.4	19	138	6	1	
		tuff with 1-2 mm wide, stretched felsic clasts in a chloritic biotitic medium grained	748105	155.00	156.00	1.00	< 5	0.2	19	135	3	0.5	
		greywacke matrix, 1-2 %, 1-2 mm wide, sillimanite lenes, nonmagnetic, foliated	748106	156.00	157.00	1.00	< 5	0.2	18	128	2	1	
		at 60-65 deg, 1-5%, 0.1-3 cm wide, irregular boudinaged light grey quartz	748107	157.00	158.00	1.00	< 5	0.4	18	205	3	2	
		veining parallel to foliation, 0.5-1% finely disseminated fine grained pyrite,	748108	158.00	159.00	1.00	< 5	0.3	20	136		1	
		1-2%, 1-20 mm wide, massive pyrite clots along quartz vein contacts	748109	159.00	160.00	1.00	< 5	0.4	20	131	2	0.5	
		and foliation planes.	748110	160.00	161.00	1.00	< 5	0.4	22	76	15	1	
			748111	161.00	162.00	1.00	< 5	0.4	16	73		1	
			748112	162.00	162.80	0.80	< 5	0.9	26	506	1	2	sp

From (m)	To (m)	Description GL21_8	Sample Number	From	To	Length	FA-AA Au ppb	AR-ICP Ag ppm	AR-ICP Cu ppm	AR-ICP Zn ppm	Qcv (%)	Pyrite (%)	Other Remarks
162.80	**176.00**	**Biotitic Tuffaceous Greywacke**											
		Grey to dark grey to black strongly biotitic altered medium grained tuffaceous											
		greywacke, 1-5%, 1-2 mm wide, stretched sillimanite lenses, 1% 1 mm pink garnets											
		nonmagnetic, foliated at 60 deg, trace disseminated pyrite.											
176.00	**177.80**	**Pyritic Tuffaceous Greywacke / Felsic Tuff**	748113	176.00	177.00	1.00	< 5	0.9	33	657	3	3	
		Light grey tuffaceous greywacke/felsic tuff with, 1-3 mm wide, lighter grey felsic	748114	177.00	177.80	0.80	< 5	1.6	17	111	3	5	
		clasts in a fine grained biotitic greywacke matrix, clast-supported,											
		moderately to strongly magnetic due to wispy magnetite,											
		3-5% finely disseminated pyrite, moderately foliated at 65 deg.											
177.80	**202.60**	**Biotitic Tuffaceous Greywacke**											
		Grey to dark grey biotitic tuffaceous greywacke/felsic tuff with 1-2 mm wide											
		stretched felsic clasts in fine to medium grained biotitic greywacke matrix,											
		moderately foliated at 65 deg, weakly to locally strongly magnetic,											
		trace disseminated pyrite, 1-2%, 0.5-1 mm, pale red garnets.											
		186.4											
		1-2 mm wide red brown sphalerite stringer at 65 deg with trace pyrite											
		and chalcopyrite.											
202.60	**212.30**	**Chloritic Garnetiferous Greywacke**											
		Dark grey green chloritic biotitic garnetiferous fine to medium grained greywacke											
		5-10%, 1-5 mm, dark red garnets, weakly magnetic, trace pyrite, foliated at 60 deg											
		208.1-208.4											
		Drag-folded quartz vein.											
212.30	**224.40**	**Conglomerate**											
		Matrix-supported conglomerate with 0.5-3 cm wide medium to coarse grained											
		white green feldspar chlorite hornblende quartz granodiorite clasts stretched along											
		foliation planes in a fine grained chloritic biotitic greywacke matrix, trace pyrite,											
		foliation at 60 deg.											
		217.85-218.45	748115	217.85	218.45	0.60	13	2.4	178	1600	20	3	po
		Grey silicified foliated zone at 75 deg with 2% disseminated pyrite-pyrrhotite											
		intruded by 25 cm wide grey green chlorite epidote quartz vein at 75-45 deg,											
		with 5%, 0.2-1 cm wide, red garnet clusters 3%, 1-5 mm, pyrite crystals rimmed and											
		intruded by pyrrhotite.											

From (m)	To (m)	Description GL21_8	Sample Number	From	To	Length	FA-AA Au ppb	AR-ICP Ag ppm	AR-ICP Cu ppm	AR-ICP Zn ppm	Qcv (%)	Pyrite (%)	Other Remarks
224.40	**228.15**	**Biotitic Garnetiferous Greywacke**											
		Dark grey to grey biotitic garnetiferous medium grained greywacke											
		with 1-2%, 1-3 mm, disseminated red garnets, foliated at 60-65 deg.											
228.15	**246.40**	**Conglomerate**											
		Conglomerate as at 212.3 m, foliated at 60 deg, below 240 m foliated at 70 deg.											
246.40	**280.05**	**Biotitic Garnetiferous Greywacke**											
		Grey to dark grey biotitic garnetiferous medium grained greywacke with 1-5%,											
		1-5 mm disseminated pale red maroon garnets, nonmagnetic to weakly magnetic											
		foliated at 60 deg, 1-10%, 1-15 cm wide, quartz veins parallel to foliation											
		some are epidote-chlorite altered with garnets, chloritic epidote altered over 35 cm											
		at lower contact sharp at 70 deg.											
280.05	**289.30**	**Conglomerate**											
		Similar to above at 228.15 m, foliated at 65 deg, sharp lower contact at 60 deg'											
		287.95-289.35											
		5-10%, 1-5 cm wide, orange pink altered feldspar quartz veining parallel to foliation.											
289.30	**319.40**	**Sillimanite Garnetiferous Altered Felsic Tuff / Tuffaceous Greywacke**											
		Light greenish grey grey to pinkish grey sericitic sillimanite garnetiferous altered											
		medium grained felsic tuff or feldspathic tuffaceous greywacke,											
		5-20% 0.1-1.2 cm wide, red garnets disseminated and irregular clusters,											
		1-3%, 1-2 mm, stretched white sillimanite clots parallel to foliated at 60-65 deg.											
		1-3%, 5-30 cm wide white feldspar quartz pegmatite veins at 60-80 deg.											
		296.75											
		1cm wide massive pyrite and pyrrhotite blebs in fracture at 60 deg											
		301-308											
		Increase in sillimanite content to 10%.											
319.40	**329.20**	**Pegmatite Dyke**											
		Orange pink red grey coarse grained feldspar quartz pegmatite dyke,											
		irregular contacts.	748116	328.00	328.60	0.60	15	9.9	210	1740		8	po
		328.0-328.1	748117	328.60	329.20	0.60	7	9.6	131	776		5	po
		Garnetiferous greywacke inclusion with 5%, 1-5 mm, disseminated											
		irregular pyrite grains.											

From (m)	To (m)	Description GL21_8	Sample Number	From	To	Length	FA-AA Au ppb	AR-ICP Ag ppm	AR-ICP Cu ppm	AR-ICP Zn ppm	Qcv (%)	Pyrite (%)	Other Remarks
329.20	**337.40**	**Biotitic Garnetiferous Tuffaceous Greywacke / Felsic Tuff**											
		Garnetiferous potassic altered silicified altered medium grained greywacke or felsic											
		tuff with 5-8%, 1-5 mm, irregular disseminated pyrite grains and 1mm wide chloritic											
		cross-cutting chlorite vein at 35 deg at 328.3 m, trace pyrrhotite.											
		Similar to above unit but not as altered, biotitic garnetiferous medium grained											
		greywacke or felsic tuff, 3-5%, 1-2 mm, disseminated garnets,											
		10-15%, 1-5 cm wide, black green biotite chlorite veins parallel to foliation at 55 deg.											
337.40	**354.35**	**Sericitic Sillimanite Garnetiferous Altered Felsic Tuff / Tuffaceous Greywacke**											
		Light grey to pinkish grey sericitic sillimanite garnetiferous altered medium grained											
		felsic tuff or feldspathic tuffaceous greywacke, weakly silicified, 3-5%, 1-5 mm,											
		light grey stretched sillimanite clots , 5-10%, 0.1-3 cm, pale red disseminated											
		garnets and garnet clusters, trace pyrite.											
		342.0-344.4	748118	342.00	343.20	1.20	12	23.6	79	7330		3	po
		More silicified and increase in garnet content up to 25%, 3-8% fine grained pyrite	748119	343.20	344.40	1.20	14	23.4	60	4490		8	po
		disseminated and 1- 5 mm wide irregular grains along foliation planes at 65 deg,											
		trace pyrrhotite and magnetite and possibly trace sphalerite, strongly magnetic.											
354.35	**375.80**	**Chloritic Greywacke**											
		Dark grey green chloritic fine grained greywacke, moderately finely foliated											
		at 55-70 deg, 1-5%, 1-20 cm wide, chloritic epidote altered bands/veins											
		parallel to foliation with trace pyrite-pyrrhotite along contacts, scattered											
		disseminated red garnets.											
		357.1-358.0											
		White grey coarse grained pegmatite dyke, drag-folded upper contact											
		sharp lower contact at 50 deg											
		367.6-368.05											
		2% pyrite-pyrrhotite fracture fillings and 0.5 mm wide stringers at 55 deg.											
375.80	**381.20**	**Altered Garnetiferous Greywacke**											
		5-25% 1-2 mm, disseminated red garnets and 3-10%, 1-3 mm wide, grey sillimanite											
		slivers and stretched clots parallel to foliation at 70 deg.											
		379.42-379.78	748120	379.00	380.00	1.00	32	4.5	136	322	25	10	5 mag
		Grey greenish quartz vein with 20% irregular massive pyrrhotite fracture-fillings											
		and 15% magnetite, lower contact at 25 deg, irregular upper contact.											
381.20	**387.80**	**Chloritic Garnetiferous Greywacke**											
		Dark grey green chloritic fine grained greywacke, moderately foliated at 70 deg,											
		1-3% scattered 1-2 mm red garnets.											

From (m)	To (m)	Description GL21_8	Sample Number	From	To	Length	FA-AA Au ppb	AR-ICP Ag ppm	AR-ICP Cu ppm	AR-ICP Zn ppm	Qcv (%)	Pyrite (%)	Other Remarks
387.89	**400.20**	**Conglomerate**											
		Dark green grey conglomerate with 0.5-3 cm wide stretched white green											
		granodiorite clasts in a fine to medium grained chloritic greywacke matrix,											
		foliated at 70-75 deg.											
400.20	**403.85**	**Chloritic Greywacke**	748121	400.00	401.10	1.10	7	1.2	36	1450		1	po
		400.2-401.13	748122	401.10	401.50	0.40	18	4.2	61	> 10000	5	3	2 po, 1 sp
		Dark grey green chloritic biotitic fine to medium grained greywacke foliated at	748123	401.50	402.00	0.50	8	0.9	31	906		1	po
		70 deg, 1% pyrite disseminated along foliation and 1-2 mm irregular fracture fillings	748124	402.00	403.00	1.00	6	0.8	43	981		2	1 po
		401.13-401.50											
		Light grey siliceous cherty sediment and felsic tuff, foliated at 75 deg, 3% pyrite,											
		2% pyrrhotite in 1-2 mm wide fracture fillings and along chloritic foliation planes,											
		401.34-401.39											
		Grey white fractured quartz vein at 75 deg, trace pyrite along contacts.											
		401.41											
		2-3 mm wide red brown sphalerite vein at 70 deg with trace pyrite.											
		401.5-403.0											
		Dark grey green biotitic chloritic medium grained greywacke foliated at 70 deg,											
		1-2%, 1-3 mm, red garnets, 1% pyrite- pyrrhotite disseminated and 1 mm wide											
		stringers parallel to foliation.											
		403.0-403.85											
		Dark grey green chloritic greywacke.											
		403.1-403.3											
		White fractured barren quartz vein.											
403.85	**408.15**	**Pegmatite Dyke**											
		Orange red grey potassic altered coarse grained feldspar quartz pegmatite dyke											
		contacts at 60 deg.											
408.15	**411.70**	**Chloritic Biotitic Greywacke**											
		Dark grey green chloritic biotitic fine grained greywacke, foliated at 60-70 deg,											
		trace pyrite- pyrrhotite.											
411.70	**422.50**	**Pegmatite Dyke**											
		Same as at 403.85-408.15 m.											

From (m)	To (m)	Description GL21_8	Sample Number	From	To	Length	FA-AA Au ppb	AR-ICP Ag ppm	AR-ICP Cu ppm	AR-ICP Zn ppm	Qcv (%)	Pyrite (%)	Other Remarks
422.50	465.00	**Conglomerate**											
		Grey green chloritic biotitic conglomerate with 1-10 cm wide stretched to rounded											
		white green medium grained granodiorite clasts in a medium grained chloritic											
		biotitic greywacke matrix, foliated 60-65 deg, 3-5%, 3-15 cm wide, dark green											
		chloritic bands parallel to foliation, 1-10%, 1-15 cm wide, grey green quartz +-											
		epidote chlorite veining at 50-70 deg, locally 1-5% red to pale red garnets											
		over 10-110 cm wide sections											
		447.3-448.4											
		Chloritic epidote garnet weakly silicified altered zone with3-5% pale red 1-3 mm											
		garnets, 1-5%, 1-5 mm wide irregular pyrite fracture fillings, 1-2% finely											
		disseminated pyrite, 2-3% finely disseminated pyrrhotite, strongly magnetic.											
		weakly foliated at 65-70 deg.											
	465.00	**EOH**											
		Casing pulled.											

Province:	Ontario	**DATE LOGGED:** September 17-23, 2021	**Grid E**	39+32E	**Method**	**Depth**	**Az corr.**	**Dip**	**Mag**
Township	Bridges	**LOGGED BY:** Wayne Benham	**Grid N**	3+95 N		0	180	-70.0	
Started:	16-Sep-21	**DRILLED BY:** RJLL Drilling Rouyn-Noranda, Quebec	**UTM E:**	452108	REFLEX	32	182.4	70.9	56536
Completed:	22-Sep-21	**UNITS:** Metres	**UTM N:**	5522208		119	187.1	-68.3	57583
CORE SIZE:	NQ	**CORE LOCATION:**	**ELEV :**			209	190.3	-66.6	57171
			Length:	729.0		299	187.5	-64.8	57375
						392	190.1	-61.1	57238
PURPOSE:	To test Anomalous Zn-Cu-Ag-Au Zones intersected in hole GL88-04 at -500 m depth					422	192.3	-60.9	56816
						510	191.3	-58.6	56787
COMMENTS:	Hole GL15_03 extended from 416 m to 729 m. Hole GL15_03 drilled by Orbit Garant of Thunder Bay, May 20-26, 2015					600	188.4	-56.2	56937
						690	185.8	-53.8	56494
						726	185.3	-53.2	56487

SUMMARY LOG: GL21_3ext			**ASSAY SUMMARY**						
From	**To**	**Lithology**	**From**	**To**	**Meters**	**Au g/t**	**Ag g/t**	**Zone**	
0.00	**2.90**	**Overburden**							
2.90	**3.75**	**Altered Greywacke and Cherty Sediments**							
3.75	**100.65**	**Tuffaceous Greywacke**							
100.65	**114.80**	**Tuffaceous Greywacke to Greywacke**							
114.80	**126.90**	**Altered Pyritic Greywacke**							
126.90	**141.15**	**Greywacke to Tuffaceous Greywacke**							
141.15	**156.10**	**Tuffaceous Greywacke and Greywacke**							
156.10	**170.40**	**Pyritic Altered Greywacke to Tuffaceous Greywacke**							
170.40	**182.95**	**Tuffaceous Greywacke and Greywacke**							
182.95	**204.30**	**Greywacke and Tuffaceous Greywacke**							
204.30	**206.20**	**Pyritic Cherty Sediment**							
206.20	**218.00**	**Pyritic Altered Greywacke**							
218.00	**220.45**	**Felsic Tuff**							
220.45	**221.50**	**Tuffaceous Greywacke**							
221.50	**229.70**	**Pyritic Cherty Sediments to Silicified Deformed Tuffaceous Greywacke**							
229.70	**259.00**	**Altered Greywacke and Pyritic Cherty Sediments**							
259.00	**284.20**	**Altered Siltstones to Cherty Sediments**							
284.20	**289.10**	**Tuffaceous Greywacke**							
289.10	**290.60**	**Greywacke**							
290.60	**296.30**	**Pegmatite**							
296.30	**305.20**	**Deformed Chloritic Greywacke**							
305.20	**313.25**	**Pegmatite**							
313.25	**332.30**	**Altered Greywacke**							
332.30	**334.35**	**Felsic Tuff**							
334.35	**350.80**	**Greywacke and Cherty Sediments**							
350.80	**357.20**	**Pyritic Altered Tuffaceous Greywacke to Felsic Tuff**							
357.20	**372.00**	**Felsic Tuff Tuffaceous Greywacke and Greywacke**							
372.00	**381.50**	**Altered Pyritic Felsic Tuff**							
381.50	**398.00**	**Greywacke**							
398.00	**416.65**	**Conglomerate**							
416.65	**450.60**	**Conglomerate**							
450.60	**455.80**	**Pyritic Silicified Zone**	450.6	455.8	5.2	0.07	9.3		
455.80	**461.30**	**Chloritic Garnetiferous Greywacke**							

From	To	Lithology	From	To	Meters	Au g/t	Ag g/t	Zone	
461.30	515.00	Conglomerate							
515.00	522.80	Biotitic Sericitic Altered Greywacke to Tuffaceous Greywacke							
522.80	526.45	Chloritic Mafic Dyke							
526.45	527.60	Chloric Biotitic Garnetiferous Greywacke							
527.60	529.70	Quartz Breccia Zone	527.7	535.1	7.5	0.02	5.3		
529.70	533.80	Biotitic Garnetiferous Pyritic Tuffaceous Greywacke							
533.80	535.10	Pyritic Tuffaceous Greywacke							
535.10	543.50	Chloritic Biotitic Greywacke							
543.50	546.50	Pegmatite Dyke							
546.50	556.40	Biotitic Chloritic Greywacke							
556.40	571.10	Conglomerate							
571.10	572.95	Pyritic Felsic Tuff							
572.95	594.45	Chloritic Biotitic Greywacke							
594.45	612.50	Chloritic Biotitic Garnetiferous Greywacke							
612.50	632.80	Biotitic Greywacke							
632.80	636.85	Altered Biotitic Chloritic Greywacke	632.8	653.9	21.1	0.02	14.5		
636.85	637.70	Pegmatite Dyke							
637.70	653.90	Silicified Garnetiferous Sillimanite Altered Felsic Tuff/Tuffaceous Greywacke							
653.90	668.15	Biotitic Greywacke							
668.15	677.20	Biotitic Garnetiferous Felsic Tuff to Tuffaceous Greywacke							
677.20	688.40	Chloritic Biotitic Greywacke							
688.40	694.70	Biotitic Garnetiferous Sillimanite Altered Felsic Tuff / Tuffaceous Greywacke	689.3	694.7	5.4	0.12	2.2		
694.70	706.80	Biotitic Greywacke							
706.80	720.10	Chloritic Greywacke							
720.10	725.20	Altered Biotitic Greywacke							
725.20	725.90	Pegmatite							
725.90	729.00	Biotitic Greywacke							
	729.00	EOH							

From (m)	To (m)	Description GL21_3ext	Sample Number	From	m	Length	FA-AA Au ppb	AR-ICP Ag ppm	AR-ICP Cu ppm	AR-ICP Zn ppm	Qcv (%)	Pyrite (%)	Other Remarks
416.65	**450.60**	**Conglomerate**											
		1-5 cm wide stretched grey green white medium grained granodiorite clasts in a											
		fine to medium grained chloritic greywacke matrix, 10%, 5-40 cm wide											
		irregular quartz epidote veining with 1-2%, 1-10 mm, red garnet clusters											
		foliated at 70 deg.											
450.60	**455.80**	**Pyritic Silicified Zone**	748125	447.30	447.90	0.60	18	1.8	43	518	5	2	1 po
		Light grey silicified sericitic muscovite altered greywacke / felsic tuff sections,	748126	447.90	448.40	0.50	98	7	411	3220		10	5 po
		20-60 cm wide, with 2-3% fine grained pyrite and 1-3 mm wide irregular fracture fillings	748127	450.60	451.40	0.80	218	27.1	354	> 10000		10	2 sp, 2 mag
		1-2%, irregular, 1-3 mm wide, red brown and honey brown sphalerite stringers,	748128	451.40	452.40	1.00	9	3.1	100	1440		11	
		1-2%, 1 mm wide, irregular magnetite stringers, 1-2%, 1.5-3 mm wide, red garnet clusters	748129	452.40	453.40	1.00	25	4	115	913			
		5%, 1-10 cm wide, irregular quartz veining with pale red garnets and trace	748130	453.40	454.40	1.00	114	12.8	184	4430		1	
		pyrite along contacts, silicified sections are separated by chloritic fine to medium	748131	454.40	455.00	0.60	48	6.8	87	3740		5	tr sp
		greywacke foliated at 60 deg. Silicified sections foliated at 40-65 deg and locally	748132	455.00	455.80	0.80	12	5.1	17	2210	25	1	1 sp
		are crenulated and drag-folded.											
455.80	**461.30**	**Chloritic Garnetiferous Greywacke**											
		Grey chloritic garnetiferous conglomerate with 3-5% red garnets, scattered, 1-5 cm wide,											
		silicified pyritic bands parallel to foliation.											
461.30	**515.00**	**Conglomerate**											
		461.3-475.0											
		Similar to 416.65-450.6 m											
		475.0-484.0											
		Conglomerate with 2-5%, 1-3 mm, pale garnets in green chloritic greywacke matrix,											
		foliated at 60 deg.											
		484.0-515.0											
		Dark grey green conglomerate with, 0.5-10 cm wide, white green medium grained											
		granodiorite clasts in a biotitic chloritic medium grained greywacke matrix,											
		nonmagnetic, foliated at 65-75 deg, 3%, 1-10 cm wide, grey fractured barren											
		quartz veining parallel to foliation.											
515.00	**522.80**	**Biotitic Sericitic Altered Greywacke to Tuffaceous Greywacke**											
		Grey light grey biotitic sericitic muscovite altered greywacke to tuffaceous greywacke											
		moderately foliated at 60 deg, 5-10%, 1-3 mm, disseminated pale red garnets,											
		trace to 1% finely disseminated pyrite.											
522.80	**526.45**	**Chloritic Mafic Dyke**											
		Green to dark green chloritic fine grained massive mafic dyke, nonmagnetic,											
		5%, 1-10 cm wide, irregular grey quartz veins with chlorite epidote and trace pyrite											
		in fractures and along vein contacts.											
526.45	**527.60**	**Chloric Biotitic Garnetiferous Greywacke**											
		Dark grey green biotitic chloritic garnetiferous fine to medium grained greywacke											
527.60	**529.70**	**Quartz Breccia Zone**	748133	527.60	528.60	1.00	16	6.4	134	885	15	3	po. 5 peg
		1-15%, 2-30 cm wide, light greenish grey to grey fractured irregular, quartz vein/	748134	528.60	529.70	1.10	9	5.4	101	461	5	1	po, 50 peg
		"fragments" and medium grained feldspar quartz veins and, 5-10 cm wide, subrounded											
		grey green garnetiferous tuffaceous greywacke fragments in a chloritic											
		garnetiferous matrix, 1-2%, 1-5 mm, jagged massive pyrite blebs in quartz vein											
		fractures and along vein contacts.											

From (m)	To (m)	Description GL21_3ext	Sample Number	From	m	Length	FA-AA Au ppb	AR-ICP Ag ppm	AR-ICP Cu ppm	AR-ICP Zn ppm	Qcv (%)	Pyrite (%)	Other Remarks
529.70	**533.80**	**Biotitic Garnetiferous Pyritic Tuffaceous Greywacke**	748135	529.70	530.40	0.70	13	7.9	145	436		2	po
		Grey weakly silicified biotitic garnetiferous tuffaceous greywacke, foliated at 70 deg	748136	530.40	531.10	0.70	15	4.3	136	1270	3	1	
		10%, 1-12 cm wide grey white fractured quartz veining with1% pyrite blebs	748137	531.10	532.00	0.90	9	3.9	129	718	30	3	po
		in fractures and along vein contacts, trace to 1% disseminated pyrite in greywacke	748138	532.00	533.00	1.00	37	9.6	299	1370		tr	
			748139	533.00	533.80	0.80	30	7.1	226	775		1	po
533.80	**535.10**	**Pyritic Tuffaceous Greywacke**	748140	533.80	534.50	0.70	33	10.9	232	1360		2	po
		Light grey more siliceous garnetiferous sericitic sillimanite weakly altered	748141	534.50	535.10	0.60	21	7.6	143	1600		2	po
		felsic tuff to tuffaceous greywacke, 3% pyrite- pyrrhotite disseminated and along											
		foliation planes at 65 deg.											
535.10	**543.50**	**Chloric Biotitic Greywacke**											
		Dark grey green chloritic biotitic garnetiferous fine to medium grained greywacke											
		3-5%, 1-3mm, pale red garnets, foliated at 65-70 deg.											
543.50	**546.50**	**Pegmatite Dyke**											
		Light orange pink coarse grained feldspar quartz pegmatite dyke.											
546.50	**556.40**	**Biotitic Chloritic Greywacke**											
		Grey biotitic chloritic medium grained greywacke, foliated at 70 deg.											
556.40	**571.10**	**Conglomerate**											
		Grey green conglomerate with 1-10 cm wide white green medium grained											
		granodiorite clasts in chloritic biotitic greywacke matrix, foliated at 60-85 deg.											
571.10	**572.95**	**Pyritic Felsic Tuff**											
		Light grey siliceous altered felsic tuff with interbedded green grey fine grained	748142	571.10	572.00	0.90	13	1.8	75	549		2	
		chloritic biotitic garnetiferous greywacke, 3-10%, 1-1.5 mm, wispy pyrite and	748143	572.00	573.00	1.00	6	1.2	28	685		10	sp
		finely disseminated pyrite in tuff, trace to 1% disseminated pyrite in greywacke,											
		foliated at 35-60 deg, lower contact at 60 deg.											
		571.10-571.85											
		60% greywacke											
		571.85-572.95											
		20% greywacke											
572.95	**594.45**	**Chloritic Biotitic Greywacke**											
		Dark grey green chloritic biotitic medium grained greywacke, foliated at 70-75 deg											
		nonmagnetic to weakly magnetic, few scattered, 1-20 cm wide, white fractured											
		barren quartz veins.											
		572.95-581.0											
		5%, 1-25 cm wide, greenish white bleached weakly epidote altered bands at 70-75 deg.											
594.45	**612.50**	**Chloritic Biotitic Garnetiferous Greywacke**											
		594.45-607.70											
		Dark grey green chloritic biotitic garnetiferous fine to medium grained greywacke.											
		foliated at 70 deg.											
		607.7-612.5											
		Similar to above but lighter and less chloritic.											
612.50	**632.80**	**Biotitic Greywacke**											
		Grey biotitic more feldspathic greywacke, stronger foliation at 60 deg, weakly											
		magnetic, trace disseminated pyrite and red brown sphalerite along foliation planes.											
		627.0-632,8											
		Trace to 1% disseminated pyrite along chloritic fractures and 1-8 cm wide altered											
		bands at 45-70 deg.											
632.80	**636.85**	**Altered Biotitic Chloritic Greywacke**	748144	632.80	633.80	1.00	32	14.7	171	1840	10	3	po
		Gradational upper contact defined by sulphide content alteration and deformation,	748145	633.80	634.80	1.00	20	21.4	244	537		3	po
		grey to dark grey biotitic altered fine grained greywacke, magnetic, moderately	748146	634.80	635.80	1.00	31	34.8	189	434		5	po sp
		foliated at 55-65 deg, 1-3% finely disseminated pyrite-pyrrhotite, trace sphalerite	748147	635.80	636.80	1.00	21	19.7	173	413	3	3	po
		along foliation planes.											
636.85	**637.70**	**Pegmatite Dyke**	748148	636.80	637.70	0.90	24	32.4	112	5400	3	2	po, 65 peg
		Irregular pink grey green pegmatite dyke with ,0.3-1 cm, olive green euhedral											
		diopside phenocrysts and Inclusions of chloritic biotitic greywacke with 1-2% pyrite											
		pyrrhotite and trace sphalerite over lower 55 cm.											
637.70	**653.90**	**Silicified Garnetiferous Sillimanite Altered Felsic Tuff/Tuffaceous Greywacke**	748149	637.70	638.40	0.70	20	31.3	224	2000		5	po. 1 sp
		637.7-642.0, 643.7-648.0, 645.71-648.0, 651.0-652.50	748150	638.40	639.10	0.70	31	25.4	147	9620		1	
		Grey white orange pink sillimanite biotitic garnetiferous potassic altered felsic tuff	748151	639.10	640.20	1.10	23	18.7	126	6100		3	po,40 peg
		to coarse grained tuffaceous greywacke, strongly magnetic, moderately	748152	640.20	641.00	0.80	19	12.3	104	2020		1	po
		foliated at 60-40 deg, 2-5% finely disseminated fine grained pyrite-pyrrhotite,	748153	641.00	642.00	1.00	18	8.1	51	474		1	po
		<1% honey brown to red brown, 1-2 mm wide, irregular sphalerite stringers with	748154	642.00	643.00	1.00	43	15.5	60	583		1	po
		trace pyrite along foliation planes, trace, 0.5-1 mm, magnetite crystals in sphalerite	748155	643.00	643.70	0.70	19	4.8	16	393		1	po
		642.0-643.6, 645.5-645.71, 648.0-651.0, 652.5-653.9	748156	643.70	644.70	1.00	10	4.1	22	325		3	po
		Strongly altered sections are separated by weaker silicified, more biotitic sections	748157	644.70	645.50	0.80	28	14.5	90	2790		5	po
		with lower sulphide and garnet content, weaker sillimanite alteration, contacts are	748158	645.50	646.00	0.50	17	9.1	72	3080		2	po
		usually marked by pegmatite veining, 1-3% disseminated pyrite-pyrrhotite trace	748159	646.00	647.00	1.00	24	14	112	4040		5	po
		sphalerite	748160	647.00	648.00	1.00	17	10	79	959		5	po
		639.05-639.30, 642.0-642.10, 647.85-647.25, 648.25-648.40	748161	648.00	649.00	1.00	18	10.1	103	807		2	po
		Grey coarse grained quartz feldspar veins with pyritic chloritic fractures, some veins	748162	649.00	650.00	1.00	11	6.2	69	327		1	po
		contain black hornblende, olive green diopside crystal or 1- 3 mm magmatic	748163	650.00	651.00	1.00	27	11.3	166	2850		5	po
		magnetite crystals.	748164	651.00	651.70	0.70	18	8.4	112	5570		5	po
			748165	651.70	652.50	0.80	8	8.3	130	6020		5	po
			748166	652.50	653.20	0.70	8	3.7	47	1740		1	po
			748167	653.20	653.90	0.70	8	2.5	92	2240		1	po
653.90	**668.15**	Biotitic Greywacke											
		Grey biotitic medium grained greywacke, nonmagnetic to weakly magnetic											
		<1% disseminated pale red garnets, trace sulphides, moderately foliated											
		at 55 to 60 deg.											
668.15	**677.20**	**Biotitic Garnetiferous Felsic Tuff to Tuffaceous Greywacke**	748168	668.00	669.00	1.00	299	9.7	272	370		1	po
		Grey biotitic garnetiferous medium to coarse grained altered felsic tuff or	748169	669.00	670.00	1.00	328	13.2	256	301	3	0.5	po
		tuffaceous greywacke, strongly magnetic, foliated at 55 deg, 10-20%, 1-5 mm,	748170	670.00	671.00	1.00	325	4.5	48	347	5	1	po
		red disseminated garnets, 10-15% black biotite along foliation planes,	748171	671.00	671.70	0.70	702	3.4	42	285	10	2	po
		5-10% disseminated magnetite, trace pyrrhotite-pyrite over widths of less than											
		10 cm, less magnetic over lower 1,2 m.											

From (m)	To (m)	Description GL21_3ext	Sample Number	From	m	Length	FA-AA Au ppb	AR-ICP Ag ppm	AR-ICP Cu ppm	AR-ICP Zn ppm	Qcv (%)	Pyrite (%)	Other Remarks
677.20	**688.40**	**Chloritic Biotitic Greywacke**											
		Grey green black fine grained greywacke, nonmagnetic, foliated at 80 deg.											
688.40	**694.70**	**Biotitic Garnetiferous Sillimanite Altered Felsic Tuff / Tuffaceous Greywacke**	748172	688.40	689.30	0.90	22	2.2	34	813	2	1	po
		Grey black strongly biotitic silicified garnetiferous medium grained felsic tuff or	748173	689.30	690.20	0.90	268	4.1	105	423	5	1	po
		tuffaceous greywacke volcaniclastic, 1-2%, 1-3 mm, wide greenish white stretched	748174	690.20	691.00	0.80	176	1.2	54	214		1	po
		sillimanite clots, 5-10%, medium grained disseminated magnetite grains, 5-10%,	748175	691.00	692.00	1.00	37	0.5	22	165	10	1	po
		1-10 mm, red maroon disseminated garnets, strongly magnetic, trace to 2% overall	748176	692.00	693.00	1.00	34	0.4	16	199		1	po, 5 peg
		disseminated pyrrhotite-pyrite up to 5% over lower 1 m, moderately foliated	748177	693.00	693.50	0.50	48	2.0	164	288	10	1	po
		at 75-70-55 deg in down hole direction, 5%, 1-8 cm wide, irregular white pink pegmatite	748178	693.50	694.10	0.60	121	4.4	487	313	5	3	po
		veins, irregular upper contact marked by 1.5 cm wide white grey pegmatite vein,	748179	694.10	694.70	0.60	88	4.7	521	237	10	5	po
		sharp lower contact at 80 deg.											
694.70	**706.80**	**Biotitic Greywacke**											
		Grey biotitic fine to medium grained greywacke, foliated at 75-80 deg											
		700.9-702.2											
		Drag-folded.											
706.80	**720.10**	**Chloritic Greywacke**											
		Light grey chloritic fine to medium grained greywacke, 5-10%, 1-10 cm wide, dark											
		green chloritic bands parallel to foliation at 65-70 deg, 10%, 1-30 cm wide											
		white pink coarse grained pegmatite veins and dykes											
		771.0-771.6											
		Dark green chloritic mafic dyke at 50 deg.											
720.10	**725.20**	**Altered Biotitic Greywacke**	748180	722.80	723.90	1.10	< 5	< 0.2	13	76		2	po
		Dark grey green biotitic chloritic altered medium grained greywacke,											
		magnetic to strongly magnetic, foliated at 60-70 deg, trace, 1-2 mm, pale red garnets											
		trace to locally 2% finely disseminated pyrite-pyrrhotite.											
725.20	**725.90**	**Pegmatite**											
		White pink coarse grained pegmatite dyke.											
725.90	**729.00**	**Biotitic Greywacke**											
		Grey biotitic fine to medium grained greywacke, foliated at 65 deg, 10%, 1-30 cm wide,											
		pink white coarse grained pegmatite veining.											
	729.00	**EOH**											
		Casing left in hole											

From (m)	To (m)	DESCRIPTION HOLE NO. GL21_9	Sample Number	From	To	Length	FA-AA Au ppb	AR-ICP Ag ppm	AR-ICP Cu ppm	AR-ICP Zn ppm	Qcv (%)	Pyrite (%)	Other Remarks
0.00	**1.85**	**Overburden**											
1.85	**17.65**	**Felsic Tuff / Tuffaceous Greywacke**											
		Dark grey medium grained felsic tuff /tuffaceous greywacke with 1-3 mm											
		light grey to white aphanitic felsic clasts in a chloritic fine to medium grained											
		greywacke matrix, weakly foliated at 60 deg, weakly to moderately magnetic.											
17.65	**21.75**	**Conglomerate**											
		Dark grey conglomerate with 1-3 cm green white medium grained granodiorite											
		clasts stretched along foliation in fine to medium grained chloritic greywacke matrix											
		foliation at 70 deg, nonmagnetic.											
21.75	**24.30**	**Felsic Tuff / Tuffaceous Greywacke**											
		Similar to 1.85 m - 17.65 m foliated at 70 deg, nonmagnetic.											
24.30	**51.00**	**Conglomerate**											
		Similar to conglomerate at 17.65 m, foliated at 65-70 deg.											
		31.8-34.4											
		0.5-2% finely disseminated pyrite and in,1-3 mm wide, chloritic stringers											
		33.00-33.15	748181	32.90	33.60	0.70	5	0.3	10	2080		1	sp
		Chloritic drag-fold at 80-60 deg with 2% pyrite and 1% sphalerite in 2-3 mm wide											
		chloritic drag-folded stringer.											
		40.70-41.20											
		Chloritic stronger foliated section at 70 deg, 1% finely disseminated pyrite and											
		trace sphalerite in 1 mm wide chloritic stringer parallel to foliation.											
51.00	**62.20**	**Chloritic Felsic Tuff / Tuffaceous Greywacke**											
		Dark grey green chloritic medium grained felsic tuff to tuffaceous greywacke											
		with 1-3 mm white felsic clasts / phenocrysts? In a chloritic fine to medium											
		grained chloritic matrix, not as many and smaller clasts than above units,											
		foliated at 55-65 deg, trace disseminated pyrite in narrow 5-10 cm wide											
		weakly foliated chloritic bands.											

From (m)	To (m)	DESCRIPTION HOLE NO. GL21_9	Sample Number	From	To	Length	FA-AA Au ppb	AR-ICP Ag ppm	AR-ICP Cu ppm	AR-ICP Zn ppm	Qcv (%)	Pyrite (%)	Other Remarks
62.20	**78.40**	**Cherty Sediments**											
		Grey green finely laminated foliated chloritic cherty sediments, foliated at 65-80 deg											
		1-5% finely disseminated pyrite stringers, fracture fillings and 1-2 mm fine											
		grained irregular blebs, overall foliated at 60 deg.											
		65.55-66.60	748182	64.70	65.50	0.80	10	0.8	62	223		3	
		10% brown sphalerite in chloritic matrix	748183	65.50	65.90	0.40	40	4.2	322	778		10	sp
		65.60-75.75	748184	65.90	66.60	0.70	5	0.5	33	288		3	sp
		10% medium grained pyrite in chloritic matrix.											
78.40	**88.30**	**Chloritic Greywacke**											
		Grey green chloritic biotitic fine to medium grained greywacke with 5-10 cm											
		finer grained stronger foliated chloritic horizons, foliated at 65-70 deg, trace											
		disseminated pyrite.											
		86.6											
		1 cm wide chloritic fault at 60 deg.											
88.30	**96.30**	**Conglomerate**											
		Grey green conglomerate with 1-5 cm wide white grey green medium grained											
		granodiorite clasts in a fine grained chloritic greywacke matrix, magnetic,											
		foliated at 60 deg, trace irregular fracture-filling pyrite.											
96.30	**105.20**	**Chloritic Greywacke**	748185	98.00	99.00	1.00	< 5					1	
		Green fine grained chloritic greywacke nonmagnetic, foliated at 60 deg	748186	99.00	100.10	1.10	13					3	sp
		increasing in intensity with depth, 1-3 % finely disseminated fracture-filling and	748187	100.10	101.00	0.90	6					1	sp
		stringers parallel to foliation											
		99.0-100.1											
		3% irregular pyrite blebs and stringers, 2%, 1-3 mm wide red brown											
		sphalerite stringers with disseminated pyrite chlorite and quartz at 60 deg.											
105.20	**118.00**	**Chloritic Shear Zone**											
		Green chloritic biotitic shear zone strongly foliated at 55-65-70 deg towards lower											
		contact, lower contact marked by 2 m wide fine grained massive chloritic											
		mafic dyke with 1% 2 mm pyrite cubes, irregular lower contact.											

From (m)	To (m)	DESCRIPTION HOLE NO. GL21_9	Sample Number	From	To	Length	FA-AA Au ppb	AR-ICP Ag ppm	AR-ICP Cu ppm	AR-ICP Zn ppm	Qcv (%)	Pyrite (%)	Other Remarks
118.00	**127.40**	**Chloritic Garnetiferous Greywacke**											
		Grey green chloritic garnetiferous fine grained greywacke with 1-3%, 1-3 mm, red											
		disseminated garnets, moderately foliated at 70 deg.											
127.40	**140.20**	**Garnetiferous Greywacke**											
		Dark green more massive fine grained chloritic greywacke with 1-2%, 1-2 mm											
		pale red disseminated garnets.											
140.20	**148.20**	**Chloritic Greywacke**											
		Grey green fine grained chloritic greywacke with less than 1% disseminated garnets											
		moderately foliated at 70 deg.											
148.20	**149.80**	**Felsic Tuff /. Tuffaceous Greywacke**											
		Grey to light grey medium grained felsic tuff / tuffaceous greywacke with 1-3 mm											
		light grey felsic tuff clasts in a fine grained chloritic matrix, 15%, 1-4 mm, red											
		maroon garnets, weakly sillimanite altered, foliated at 60 deg.											
149.80	**152.45**	**Chloritic Greywacke**											
		Grey chloritic fine grained greywacke, foliated at 75-*) DEG.											
152.45	**153.35**	**Pyritic Cherty Sediment**	748188	152.45	153.35	0.90	10					3	
		Dark grey to light grey cherty sediment finely laminated/foliated at 65 deg,											
		2% finely disseminated pyrite.											
153.35	**163.00**	**Chloritic Greywacke**											
		Dark grey chloritic fine to medium grained chloritic greywacke with 5-15 cm wide											
		weakly sillimanite altered coarser grained sections, foliated at 70 deg.											
163.00	**174.95**	**Sillimanite Muscovite Altered Felsic Tuff**											
		Dark grey to light grey sillimanite muscovite altered felsic tuff / tuffaceous											
		greywacke with 2-5 %, 1-3 mm, stretched sillimanite along moderate foliation											
		at 65-70 deg, trace pyrite.											

From (m)	To (m)	DESCRIPTION HOLE NO. GL21_9	Sample Number	From	To	Length	FA-AA Au ppb	AR-ICP Ag ppm	AR-ICP Cu ppm	AR-ICP Zn ppm	Qcv (%)	Pyrite (%)	Other Remarks
174.95	**207.00**	**Chloritic Greywacke**											
		Grey green brown red chloritic fine grained greywacke with 5-20 cm wide											
		medium grained sillimanite altered sections, moderately foliated at 70 deg.											
		177.3-188.3											
		Brown red hematite stained fractures and foliation planes, trace pyrite.											
207.00	**222.35**	**Cherty Sediment / Greywacke**											
		207.0-207.4	748189	207.00	207.90	0.90	8					2	
		Grey cherty sediment finely laminated/foliated at 75 deg, 2% finely disseminated											
		pyrite along chloritic foliation planes.											
		207.4-222.35											
		Grey more felsic fine to medium grained greywacke, magnetic foliated 80 deg											
		and then at 65 deg towards lower contact.											
222.35	**224.20**	**Pegmatite Dyke**											
		White pink coarse grained pegmatite dyke with 0.2 x 4 cm black biotite laths,											
		irregular contacts.											
224.20	**231.40**	**Siltstone and Chloritic Greywacke**											
		Grey fine grained finely bedded/foliated siltstone interbedded with 1-3 cm wide											
		magnetic chloritic medium grained greywacke bands, moderately foliated											
		at 65-70 deg.											
231.40	**237.10**	**Sillimanite Muscovite Biotite Altered Felsic Tuff**											
		Grey white beige pink sillimanite muscovite biotite altered medium grained felsic tuff											
		intruded by 10%, 1-10 cm wide, orange pink coarse grained pegmatite veins,											
		magnetic due to disseminated magnetite, foliated at 70-75 deg.											
		236.1-237.8											
		1% fine to medium grained disseminated pyrite.											
237.10	**244.90**	**Greywacke**											
		Grey to dark grey chloritic fine to medium grained greywacke with weakly sillimanite											
		altered bands 0.5-10 cm wide, weakly magnetic, foliated at 80 deg.											

From (m)	To (m)	DESCRIPTION HOLE NO. GL21_9	Sample Number	From	To	Length	FA-AA Au ppb	AR-ICP Ag ppm	AR-ICP Cu ppm	AR-ICP Zn ppm	Qcv (%)	Pyrite (%)	Other Remarks
244.90	**266.90**	**Sillimanite Muscovite Biotite Potassic Altered Felsic Tuff**					12						
		Grey greenish white orange pink sillimanite muscovite biotite altered medium					22						
		grained felsic tuff to tuffaceous greywacke with 0.1-3 cm wide orange pink to					25		17	1040			
		beige pink potassic altered bands, foliated at 80-90 deg, below 246 m, 3-10%					15		64	433			
		pink red, 1-10 mm wide, garnet clusters, trace pyrite.					13		11	73			
		248.3-249.9											
		Weakly sillimanite altered chloritic greywacke											
		250.5-252.0											
		5% pyrite finely disseminated and medium grained blebs up to 1 cm.	748269	249.30	250.00	0.70	<5	1.4	11	73		1	sp
		259.2-266.5	748267	250.00	250.50	0.50	10	9.8	17	1040		2	sp
		Coarser grained with 1-2 cm sillimanite "clasts" with grey 1-2 mm quartz "eye"	748190	250.50	251.20	0.70	23	14.8	33	187		5	
		centers, stronger magnetic due to medium grained disseminate magnetite, trace pyrite	748191	251.20	252.00	0.80	14	16.4	41	583		5	
		266.5-266.9	748268	252.00	252.80	0.80	22	12	64	433		2	1 sp
		Pink grey coarse grained pegmatite vein.											
266.90	**280.30**	**Cherty Sediments**											
		Grey to light grey siliceous cherty sediments, finely laminated/ foliated at 75-80 deg	748192	271.90	272.90	1	12				30	10	po
		10-100 cm wide sections with 3-10% pyrite +- pyrrhotite finely disseminated											
		and in,1-3 mm wide, chloritic stringers parallel to foliation, 10-30 cm wide more	748193	275.30	276.60	1.30	22				10	10	
		massive unaltered sections with 5-10%, 0.5-1 mm, disseminated garnets.	748194	276.60	277.90	1.30	25				10	8	po
		271.9-272.9	748195	277.90	279.20	1.30	15					5	po
		Drag-folded quartz vein zone with 1-5 cm wide grey fractured quartz veins	748196	279.20	280.20	1.00	13					10	
		in cherty sediments with 10% pyrite pyrrhotite disseminated along foliation planes											
		and quartz vein contacts.											
		275.2-280.2											
		10% pyrite pyrrhotite, foliated at 80 deg.											

From (m)	To (m)	DESCRIPTION HOLE NO. GL21_9	Sample Number	From	To	Length	FA-AA Au ppb	AR-ICP Ag ppm	AR-ICP Cu ppm	AR-ICP Zn ppm	Qcv (%)	Pyrite (%)	Other Remarks
280.30	**308.00**	**Greywacke**											
		Grey to dark grey moderately siliceous fine grained felsic greywacke with trace											
		muscovite and pyrite, locally 1-2%, 0.5-1 mm, pale red disseminated garnets over											
		widths of 0.2-1.5 m.											
		296.8-298.6	748197	296.80	297.70	0.90	7	3.2	11	619		2	
		Lighter grey cherty section with 2% finely disseminated pyrite, trace sphalerite in	748198	297.70	298.60	0.90	15	5.9	9	283		2	
		1 mm wide stringers, foliated at 80 deg.											
		304.48											
		0.5-1 cm wide quartz vein at 75 deg with 1% medium grained pyrite and 1 mm blue											
		kyanite crystal.											
		306.0-308.0											
		0.5-1% finely disseminated pyrite along foliation planes at 70 deg.											
308.00	**312.10**	**Pyritic Silicified Zone**	748199	308.00	309.10	1.10	15	6.7	14	617		2	
		308.0-309.1, 310.3-311.0, 311.65-312.1	748200	309.10	310.30	1.20	9	2.9	11	78		1	
		Light grey silicified fairly massive zone with 5%, 1-20 mm irregular dark green	748201	310.30	311.00	0.70	15	6.5	9	476		2	
		stretched chlorite clots with 1-2% fine to medium grained disseminated pyrite and	748202	311.00	311.60	0.60	12	5.5	10	154		1	
		irregular grains, 1-2% fine to medium grained pyrite in siliceous matrix.	748203	311.60	312.10	0.50	19	7.6	8	179		1	
		309.1-310.3 and 311.0-311.65											
		Dark grey medium grained chloritic garnetiferous greywacke, 2%, 1-2 mm, pale											
		red disseminated garnets, trace to 1% disseminated pyrite, foliated at 70 deg.											
312.10	**321.20**	**Chloritic Greywacke**											
		Dark grey chloritic fine to medium grained greywacke with 1-2%, 1-3 mm pale red											
		disseminated garnets, foliated at 75-80 deg, trace to 1% disseminated pyrite.											
321.20	**326.05**	Pegmatite Dyke											
		Pink white coarse grained quartz feldspar pegmatite dyke, upper contact at 55 deg											
		lower contact at 80 deg.											
		328.4-325.05											
		Greywacke											

From (m)	To (m)	DESCRIPTION HOLE NO. GL21_9	Sample Number	From	To	Length	FA-AA Au ppb	AR-ICP Ag ppm	AR-ICP Cu ppm	AR-ICP Zn ppm	Qcv (%)	Pyrite (%)	Other Remarks
326.05	**350.10**	**Greywacke**											
		326.05-339.0											
		Grey medium grained greywacke with 1%, 1-2 mm, pale red garnets, trace pyrite.											
		foliated at 70-85 deg.											
		339.0-350.1											
		Grey medium grained greywacke, weakly foliated at 90 deg, locally magnet but											
		overall nonmagnetic, 3%, 2-30 cm wide, irregular grey white quartz epidote veining.											
350.10	**357.75**	**Pegmatite Dyke**											
		Orange pink grey coarse grained feldspar quartz pegmatite dyke, upper contact											
		at 65 deg, lower contact at 65 deg.											
357.75	**367.90**	**Chloritic Greywacke**											
		Dark grey green fine to medium grained chloritic greywacke, foliated at 50-75 deg,											
		trace pyrite.											
		360.5-362.05											
		Orange pink grey pegmatite dyke, upper contact at 45 deg, lower contact at 65 deg.											
367.90	**386.80**	**Pegmatite Dyke**											
		Pink orange pink grey white potassic altered coarse grained feldspar quartz											
		pegmatite dyke, upper contract at 70 deg, lower contact at 65 deg.											
386.80	**392.70**	**Greywacke**											
		386.8-390.55											
		Light grey greenish beige yellow sillimanite sericitic altered fine grained greywacke											
		moderately foliated at 50-55 deg, lower contact marked by 20 cm wide beige											
		yellow sericitic breccia zone at 50 deg.											
		390.55-392.7											
		Dark grey fine grained chloritic greywacke with 5%, 1-2 mm, pale red disseminated											
		garnets, foliated at 50-60 deg, trace pyrite.											

From (m)	To (m)	DESCRIPTION HOLE NO. GL21_9	Sample Number	From	To	Length	FA-AA Au ppb	AR-ICP Ag ppm	AR-ICP Cu ppm	AR-ICP Zn ppm	Qcv (%)	Pyrite (%)	Other Remarks
392.70	**394.10**	**Cherty Sediments**											
		Grey to light grey finely laminated/foliated cherty sediments, 0.5% disseminated											
		pyrite.											
394.10	**400.80**	**Chloritic Greywacke**											
		Dark grey green medium grained chloritic greywacke, weakly sillimanite altered,											
		trace pyrite, foliated at 85 deg.											
400.80	**401.40**	**Pyritic Cherty Sediments**	748204	400.70	401.40	0.70	16	1.9	51	346		3	
		Light grey siliceous cherty sediment with 1-2 mm chloritic stringers											
		parallel to lamination/foliated at 85 deg, 3% disseminated medium grained pyrite											
		in matrix and along chloritic foliation planes.											
401.40	**403.80**	**Chloritic Greywacke**											
		Same as at 394.1m.											
403.80	**408.60**	**Cherty Sediments**											
		Grey to light grey laminated siliceous cherty sediments with 10-15%, 1-10 cm wide											
		interbedded chloritic garnetiferous weakly sillimanite altered fine to medium											
		grained greywacke, trace to 0.5% finely disseminated and 1-3 mm irregular											
		fracture-filling pyrite, laminations/foliation at 85-90 deg.											
408.60	**459.20**	**Greywacke**											
		408.6-423.0											
		Grey dark grey green chloritic biotitic medium grained greywacke with 5-10%,											
		5-35 cm wide bleached light grey green zones with white light green quartz epidote											
		veining, trace pyrite weakly foliated at 85 deg.											
		423.0-434.4											
		Grey medium to coarse grained greywacke to tuffaceous greywacke, weakly											
		foliated at 80-85 deg.											

From (m)	To (m)	DESCRIPTION HOLE NO. GL21_9	Sample Number	From	To	Length	FA-AA Au ppb	AR-ICP Ag ppm	AR-ICP Cu ppm	AR-ICP Zn ppm	Qcv (%)	Pyrite (%)	Other Remarks
		425.0-427.4											
		1% medium grained pyrite in chloritic fractures and matrix, pyrite blebs 0.1-2 cm											
		434.4-442.4											
		Green grey fine to medium grained chloritic greywacke with 1-2%, pale red											
		disseminated garnets, weakly foliated at 80-85 deg.											
		442.4-449.7											
		Brown grey finer grained biotitic weakly sericitic altered greywacke moderately											
		foliated at 85 deg, trace to 0.5% finely disseminated pyrite.											
		449.7-459.2											
		Green grey chloritic medium grained greywacke, weakly sillimanite altered, trace											
		garnets, weakly foliated at 80-85 deg, 5-10%, 1-5 cm wide, boudinaged											
		grey quartz veins with 0.5-1 cm epidote altered wallrock rims, trace pyrite in veins											
		457.4											
		8 cm grey white quartz vein with 2 mm blue kyanite crystal.											
459.20	**509.85**	**Chloritic Biotitic Greywacke**											
		Grey to green grey fine to medium grained chloritic biotitic altered greywacke,											
		1%, 1-2 mm, garnets, trace to 0.5% pyrite along chloritic foliation planes, trace sphalerite,											
		3-5%, 1-5 cm wide boudinaged chloritic quartz veining, 2-3%, 5-10 cm wide											
		white barren quartz veining, moderately foliated at 70-75 deg.											
		below 491 m light grey to brown grey stronger biotite alteration											
		plus muscovite and weak sillimanite alteration.											
		493.73-493.84											
		Chloritic quartz vein two fluorite crystals.											
509.85	**530.45**	**Biotitic Siltstone**											
		Altered biotitic siltstone, strongly foliated/bedded at 80-90-75-60 deg, locally drag-folded											
		trace disseminated pyrite pyrrhotite.											
		511.55-511.8											
		Brown grey green white vuggy coarse grained biotite sillimanite quartz vein											
		at 80 deg.											

From (m)	To (m)	DESCRIPTION HOLE NO. GL21_9	Sample Number	From	To	Length	FA-AA Au ppb	AR-ICP Ag ppm	AR-ICP Cu ppm	AR-ICP Zn ppm	Qcv (%)	Pyrite (%)	Other Remarks
530.35	**550.60**	**Conglomerate**											
		Grey green conglomerate with 1-8 cm wide white grey green medium											
		grained granodiorite clasts in a chloritic medium grained greywacke matrix											
		weakly foliated at 65 deg.											
550.60	**567.90**	**Greywacke to Tuffaceous Greywacke**											
		Grey to dark grey medium to coarse grained greywacke to tuffaceous greywacke											
		with 0.3 x 1.5 cm stretched white grey felsic clasts in a medium grained chloritic											
		greywacke matrix, weakly foliated d at 85 deg.											
567.90	**580.30**	**Chloritic Biotitic Greywacke**											
		Grey to dark grey green fine to medium grained chloritic biotitic altered greywacke											
		moderately foliated at 75-85 deg, trace disseminated pyrite.											
		5b69.5											
		0.5 cm wide drag-folded quartz vein.											
580.30	**591.20**	**Greywacke**											
		Dark grey to grey medium grained weakly sillimanite altered greywacke to tuffaceous											
		greywacke, foliated at 80-85 deg, trace pyrite and pyrrhotite in quartz veins.											
591.20	**596.90**	**Chloritic Greywacke**											
		Dark grey green fine grained chloritic greywacke, upper contact marked by 70 cm											
		wide laminated cherty sediment unit, moderately foliated at 70-80 deg.											
596.90	**607.70**	**Garnetiferous Greywacke**											
		Dark grey garnetiferous fine to medium grained greywacke, fairly massive											
		to weakly foliated at 90 deg, 10%, 1-3 mm, pale red disseminated garnets											
		starting at 605 m 1-5 cm wide grey quartz and orange pink pegmatite veins											
		with trace to 2%, pyrite and pyrrhotite in chloritic fractures.											

From (m)	To (m)	DESCRIPTION HOLE NO. GL21_9	Sample Number	From	To	Length	FA-AA Au ppb	AR-ICP Ag ppm	AR-ICP Cu ppm	AR-ICP Zn ppm	Qcv (%)	Pyrite (%)	Other Remarks
607.00	**611.90**	**Sillimanite Altered Greywacke**											
		607.0-610.0											
		Grey to light grey weakly sillimanite altered medium grained greywacke to tuffaceous											
		greywacke, weakly foliated at 85 deg, trace pyrite.											
		610.0-611.1	748205	610.00	611.00	1.00	45	3.3	48	6930		tr	sp
		Light grey silicified medium grained altered greywacke to tuffaceous greywacke,	748206	611.00	611.90	0.90	10	1.4	30	519		tr	
		with 5% light brown to red brown sphalerite disseminated and 1-3 mm wide											
		stringers, trace pyrite, weakly foliated at 80-85 deg.											
		611.1-611.9											
		Fault zone at 75 deg with four, 1 cm wide, grey clay fault gouge slips.											
611.90	**620.80**	**Silicified Pyritic Felsic Tuff**	748207	611.90	613.00	1.10	16	1.2	11	758		2	sp
		Grey to light grey banded silicified pyritic felsic tuff with alternating with light grey	748208	613.00	614.00	1.00	21	4.1	17	590		3	sp
		fine grained felsic bands and grey green chloritic pyritic bands 1-10 mm wide,	748209	614.00	615.00	1.00	19	1.7	16	474		2	sp
		1-3 % finely disseminated pyrite, trace sphalerite nonmagnetic, foliated/banded	748210	615.00	616.00	1.00	64	2	19	804	30	1	
		at 70-90 deg, gradational lower contact below 619.2 m with intercalated	748211	616.00	617.00	1.00	12	1.3	12	295	40	1	sp
		garnetiferous chloritic greywacke.	748212	617.00	618.00	1.00	18	3.7	18	1090		3	sp
		615.12-615.35 and 615.9-616.45	748213	618.00	619.00	1.00	15	1.6	17	764		3	sp
		Grey white fractured quartz veins trace pyrite and pale red to red garnets and	748214	619.00	619.90	0.90	22	1.7	15	490		1	sp
		garnet clusters in fractures.	748215	619.90	620.80	0.90	55	1.5	15	812	15	1	
620.80	**629.80**	**Garnetiferous Greywacke**											
		620.8-627.7											
		Dark grey green chloritic garnetiferous fine grained greywacke, massive to											
		weakly foliated at 75-80 deg, 10%, 1-3 m, disseminated pale red garnets.											
		626.20-626.25											
		Chloritic vein at 70 deg with 2% pyrite-pyrrhotite											
		627.7-629.8											
		Garnets increase in diameter up to 8 mm											

From (m)	To (m)	DESCRIPTION HOLE NO. GL21_9	Sample Number	From	To	Length	FA-AA Au ppb	AR-ICP Ag ppm	AR-ICP Cu ppm	AR-ICP Zn ppm	Qcv (%)	Pyrite (%)	Other Remarks
629.80	**654.80**	**Altered Mineralized Zone**	748216	629.80	630.50	0.70	109	1.4	39	460		3	po
		629.8-631.25	748217	630.50	631.50	1.00	135	3.2	60	2770		5	po
		Grey to light grey garnetiferous medium grained greywacke becomes strongly	748218	631.50	632.50	1.00	78	1.6	33	1770	30	2	po
		magnetic and mineralized with1-3%, fine to medium grained pyrite + pyrrhotite	748219	632.50	633.50	1.00	36	1.4	20	548		1	po
		1-3% disseminated fine grained magnetite, below 630 m 5%, 1-3 mm, pale red	748220	633.50	634.50	1.00	34	0.9	16	644		2	po
		garnets, weakly foliated at 65-70 deg.	748221	634.50	635.50	1.00	35	0.6	12	366		1	po
		631.25-636.50	748222	635.50	636.50	1.00	71	1	24	200		2	po
		Grey dark grey light grey orange pink strongly magnetic biotite muscovite weakly	748223	636.50	637.30	0.80	50	0.5	14	279		1	po
		sillimanite potassic altered medium grained felsic tuff?? Sharp upper contact	748224	637.30	638.00	0.70	228	1.7	43	571		3	po
		at 65 deg, foliated at 65 deg, 1-3% fine to medium grained pyrite + pyrrhotite	748225	638.00	639.00	1.00	213	2.7	86	675		10	po
		finely disseminated and 1-3 mm wide stringers, 1-2%, 1-2 mm, disseminated red garnets.	748226	639.00	640.00	1.00	134	2.7	50	523		10	po
		636,50-648.8	748227	640.00	641.00	1.00	113	1.3	34	625		3	po, peg
		Coarser grained strongly foliated to contorted and drag-folded increase in biotite and	748228	641.00	642.20	1.20	80	1.5	27	165		1	po, peg
		sillimanite alteration. Strongly magnetic due to 10%, 1-3 mm, disseminated magnetite	748229	642.20	643.10	0.90	127	4.2	62	428		3	po
		and 2-3% pyrrhotite, 2-3% pyrite, foliated at 45-60 deg	748230	643.10	644.30	1.20	661	3.1	111	250		2	po, peg
		639.0-640.0	748231	644.30	645.10	0.80	208	2.8	138	309		3	po
		Drag-folded at 454-80 deg.	748232	645.10	646.00	0.90	188	1.9	65	292		3	po
		640.0-642.2	748233	646.00	646.60	0.60	272	3.4	93	668		5	po
		Orange pink grey coarse grained pegmatite.	748234	646.60	647.20	0.60	429	4.9	217	233		20	po, peg
		643.35-644.15	748235	647.20	648.00	0.80	339	3.8	175	171		5	po
		Pink white pegmatite with 10% biotitic altered pyritic felsic tuff inclusions.	748236	648.00	648.80	0.80	418	6.1	266	110		20	po
		646.85-647.05	748237	648.80	649.60	0.80	1660	7	307	114		3	po
		Grey pink pegmatite with 10% 2 cm pyrrhotite-pyrite angular blebs.	748238	649.60	650.50	0.90	637	5.7	333	148		2	po
		Below 648 m, more massive and decrease in biotite content.	748239	650.50	651.50	1.00	1200	7.1	215	168		5	po
		648.0-654.1	748240	651.50	652.60	1.10	559	5.1	215	220		2	po
		Light grey coarse grained felsic tuff more massive weakly foliated at 70-80 deg	748241	652.60	653.60	1.00	822	4.3	223	430		5	po
		1-3%, 1-3 mm white sillimanite lenses, 2-20% pyrite-pyrrhotite.	748242	653.60	654.10	0.50	981	9.1	313	1610		15	po
		649.5-650.5	748243	654.10	654.80	0.70	320	3	141	41		3	po
		0.2-1.cm wide pyrrhotite filled fractures at 10-15 deg cross-cutting foliation.											
		648.48-648.53											
		Massive pyrite-pyrrhotite vein along the lower contact of 5 cm wide fractured											
		quartz vein at 80 deg.											
		653,6-654.10											
		Breccia zone with 60% pyrrhotite and 15% pyrite breccia matrix.											

From (m)	To (m)	DESCRIPTION HOLE NO. GL21_9	Sample Number	From	To	Length	FA-AA Au ppb	AR-ICP Ag ppm	AR-ICP Cu ppm	AR-ICP Zn ppm	Qcv (%)	Pyrite (%)	Other Remarks
654.80	**657.60**	**Pegmatite Dyke**											
		Orange salmon pink coarse grained feldspar quartz pegmatite dyke, upper contact											
		at 60 deg, lower contact at 80 deg, lower contact marked by 17 cm wide light grey											
		unmineralized sericitic sillimanite altered quartz-felspar vein at 80 deg.											
657.60	**678.70**	**Altered Mineralized Zone**	748244	657.60	658.40	0.80	239	3.3	175	414		5	po
		657.6-659.2	748245	658.40	659.20	0.80	250	2.4	103	649		3	po
		Dark grey white strongly magnetic biotite and sillimanite altered medium grained	748246	659.20	660.00	0.80	125	1.9	55	2080		2	po,sp
		tuffaceous greywacke, 15%, 2-10 mm, oval to stretched white sillimanite clots,	748247	660.00	661.00	1.00	73	1.5	43	315		5	po,peg
		1%, 1-3 mm, disseminated pale red garnets, 5% finely disseminated pyrite-pyrrhotite.	748248	661.00	662.00	1.00	92	1.9	42	422		5	po, peg
		659.2-676.2	748249	662.00	663.00	1.00	187	2.2	72	474		10	po
		Dark grey to grey strongly magnetic sillimanite altered medium grained tuffaceous	748250	663.00	664.00	1.00	184	2.1	77	206		1	po
		greywacke to felsic tuff, 3-5%, 1-3 mm wide, white sillimanite slivers, lenses and	748251	664.00	665.00	1.00	271	2.3	88	282		10	po,peg
		irregular clots parallel to moderate foliation at 45-65-70-85-90 deg, avg 70 deg.	748252	665.00	666.00	1.00	58	1.1	36	304		2	po
		intruded by 10-20%, 5-20 cm wide, irregular pink grey white coarse grained	748253	666.00	667.00	1.00	53	1	41	282		3	po,peg
		pegmatite veins and 3-5%, 1-10 cm wide, grey fractured quartz veins,	748254	667.00	668.00	1.00	158	1.9	110	357	10	5	po
		1-10% pyrite-pyrrhotite finely disseminated and in 0.1-2 cm wide chloritic stringers	748255	668.00	669.00	1.00	51	1.1	32	278		2	po,peg
		parallel to foliation, lower contact marked by 5 cm wide pegmatite vein.	748256	669.00	670.00	1.00	127	3.6	97	483		8	po
		676.2-678.7	748257	670.00	671.00	1.00	181	4.6	81	361	10	2	po
		Grey medium grained chloritic biotitic greywacke with 20%, 5-20 cm wide, magnetic	748258	671.00	672.00	1.00	189	2.8	87	393		10	po
		chloritic sillimanite altered tuffaceous greywacke bands with 10% disseminated	748259	672.00	673.00	1.00	180	2.9	139	142		10	po
		pyrite-pyrrhotite.	748260	673.00	674.00	1.00	133	2.6	94	274		5	po,peg
			748261	674.00	675.00	1.00	96	1.4	74	301		3	po,peg
			748262	675.00	675.60	0.60	165	1.8	65	204		2	po,peg
			748263	675.60	676.20	0.60	53	2.2	87	507		10	po,peg
			748264	676.20	677.00	0.80	6	0.3	6	246		0.5	po
			748265	677.00	677.80	0.80	18	2.4	45	1130		1	po
			748266	677.80	678.70	0.90	16	1.7	40	1530		2	po
678.70	**691.15**	**Chloritic Biotitic Greywacke**											
		Dark grey green to brown grey fine grained chloritic biotitic greywacke,											
		moderately foliated at 70-85 deg, nonmagnetic intruded by 10%, 3-70 cm wide,											
		white grey coarse grained pegmatite veins											
		678.95-682.43											
		Salmon pink grey white coarse grained pegmatite dyke with 5-10%, 0.2 x 2 cm											
		anhedral magmatic magnetite phenocrysts, upper contact at 55 deg,											
		lower contact at70 deg.											

From (m)	To (m)	DESCRIPTION HOLE NO. GL21_9	Sample Number	From	To	Length	FA-AA Au ppb	AR-ICP Ag ppm	AR-ICP Cu ppm	AR-ICP Zn ppm	Qcv (%)	Pyrite (%)	Other Remarks
691.15	**697.10**	**Calc-Silicate and Chloritic Biotitic Greywacke**											
		Olive green diopside calc-silicate with 30%, 5-20 cm wide, brown grey chloritic											
		biotitic greywacke horizons, foliated at 70-85 deg.											
697.10	**709.80**	**Calc-Silicate**											
		Calc-silicate with alternating, 0.1-2 cm wide, blue olive green diopside bands and											
		dark green chloritic bands, foliated at 85 deg, nonmagnetic.											
709.80	**744.80**	**Calc-Silicate and Chloritic Biotitic Greywacke**											
		Olive green diopside calc-silicate with 20%, 5-20 cm wide, brown grey chloritic											
		biotitic greywacke horizons, foliated at 70-90 deg.											
744.80	**750.00**	**Pegmatite Dyke**					**FA-AA**	**FA-GRA**	**AR-ICP**	**AR-ICP**			
		Light pink salmon pink grey white coarse grained pegmatite dyke, upper contact					**Au ppb**	**Au g/t**	**Ag**	**Zn**			
		at 60 deg.						**0.02 g/t**	**ppm**	**ppm**			
	750.00	**EOH**	748229	642.20	643.10	0.90	127	0.2	4.2	428		3	po
		Casing left in hole	748230	643.10	644.30	1.20	661	0.28	3.1	250		2	po, peg
			748231	644.30	645.10	0.80	208	0.54	2.8	309		3	po
			748232	645.10	646.00	0.90	188	0.2	1.9	292		3	po
			748233	646.00	646.60	0.60	272	0.28	3.4	668		5	po
			748234	646.60	647.20	0.60	429	0.54	4.9	233		20	po, peg
			748235	647.20	648.00	0.80	339	0.44	3.8	171		5	po
			748236	648.00	648.80	0.80	418	0.52	6.1	110		20	po
			748237	648.80	649.60	0.80	1660	2.20	7	114		3	po
			748238	649.60	650.50	0.90	637	0.61	5.7	148		2	po
			748239	650.50	651.50	1.00	1200	1.84	7.1	168		5	po
			748240	651.50	652.60	1.10	559	0.57	5.1	220		2	po
			748241	652.60	653.60	1.00	822	0.48	4.3	430		5	po
			748242	653.60	654.10	0.50	981	0.54	9.1	1610		15	po
			748243	654.10	654.80	0.70	320	0.22	3	41		3	po
			748244	657.60	658.40	0.80	239	0.35	3.3	414		5	po
			748245	658.40	659.20	0.80	250	0.22	2.4	649		3	po
			748246	659.20	660.00	0.80	125	0.16	1.9	2080		2	po,sp

APPENDIX II

2021 ASSAY CERFITICATES

Quality Analysis ... *Innovative Technologies*

Report No.: **A21-18596**
Report Date: **09-Nov-21**
Date Submitted: **04-Oct-21**
Your Reference:

Wayne Benham
921 Willowdale Ave.
North York Ontario M2M 3C2 Canada

ATTN: Wayne Benham

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Dryden	QOP AA-Au (Au Fire Assay AA)	2021-11-04 14:48:13
1A3-50-Dryden	QOP AA-Au (Au - Fire Assay Gravimetric)	2021-11-06 12:00:51

REPORT **A21-18596**

Notes:

50 g of sample

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
264 Government Road, Dryden, Ontario, Canada, P8N 2R3
TELEPHONE +807 223-6168 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Dryden@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Report No.: A21-18596
Report Date: 09-Nov-21
Date Submitted: 04-Oct-21
Your Reference:

Wayne Benham
921 Willowdale Ave.
North York Ontario M2M 3C2
Canada

ATTN: Wayne Benham

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Dryden	QOP AA-Au (Au Fire Assay AA)	2021-11-04 14:48:13
1A3-50-Dryden	QOP AA-Au (Au - Fire Assay Gravimetric)	2021-11-06 12:00:51

REPORT **A21-18596**

Notes:

50 g of sample

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator
ACTIVATION LABORATORIES LTD.
264 Government Road, Dryden, Ontario, Canada, P8N 2R3
TELEPHONE +807 223-6168 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Dryden@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
748232	188	
748233	272	
748234	429	
748235	339	
748236	418	
748237	1660	2.20
748238	637	
748239	1200	1.84
748240	559	
748241	822	
748242	981	
748243	320	
748244	239	
748245	250	
748246	125	
748247	73	
748248	92	
748249	187	
748250	184	
748251	271	
748252	58	
748253	53	
748254	158	
748255	51	
748256	127	
748257	181	
748258	189	
748259	180	
748260	133	
748261	96	
748262	165	
748263	53	
748264	6	
748265	18	
748266	16	

QC **Activation Laboratories Ltd.** **Report: A21-18596**

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
OREAS 229b (Fire Assay) Meas		11.8
OREAS 229b (Fire Assay) Cert		11.9
OREAS 229b		11.7

(Fire Assay) Meas		11.9
OREAS 229b (Fire Assay) Cert	494	
Oreas E1336 (Fire Assay) Meas Oreas E1336 (Fire Assay) Cert Oreas E1336 (Fire Assay) Meas Oreas E1336 (Fire Assay) Cert	510	
	518	
	510	
OREAS 216b Meas	> 5000	6.53
OREAS 216b Cert	6660	6.66
OREAS 216b Meas	> 5000	7.00
OREAS 216b Cert	6660	6.66
748235 Orig	334	
748235 Dup	343	
748249 Orig	187	
748249 Split PREP DUP	168	
748252 Orig	57	
748252 Dup	59	
748263 Orig	53	
748263 Dup	53	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank		< 0.02
Method Blank		< 0.02

Report No.: **A21-18596-Final2**
Report Date: **03-Dec-21**
Date Submitted: **04-Oct-21**
Your Reference:

Wayne Benham
921 Willowdale Ave.
North York Ontario M2M 3C2
Canada

ATTN: Wayne Benham

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Dryden	QOP AA-Au (Au Fire Assay AA)	
1A3-50-Dryden	QOP AA-Au (Au - Fire Assay Gravimetric)	2021-11-14 20:44:33

REPORT **A21-18596-Final2**

Notes:

50 g of sample

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3 Values

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
264 Government Road, Dryden, Ontario, Canada, P8N 2R3
TELEPHONE +807 223-6168 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Dryden@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Report No.: A21-18596-Final2
Report Date: 03-Dec-21
Date Submitted: 04-Oct-21
Your Reference:

Wayne Benham
921 Willowdale Ave.
North York Ontario M2M 3C2
Canada

ATTN: Wayne Benham

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1E3-Tbay	QOP AquaGeo (Aqua Regia ICPOES)	2021-11-23 14:06:14

REPORT **A21-18596-Final2**

Notes:

50 g of sample

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3 Values

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

SCC Accredited LAB Accrédité CCN TM

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
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ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
TELEPHONE +807 622-6707 or +1.888.228.5227 FAX +1.905.648.9613
LabID: 673 E-MAIL Tbay@actlabs.com
ACTLABS GROUP WEBSITE www.actlabs.com

Results — Activation Laboratories Ltd. — Report: A21-18596

Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La	Mg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%
Lower Limit	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10	0.01
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
748232	1.9	6.8	65	1440	< 1	8	4	292	2.09	< 2	< 10	23	< 0.5	< 2	0.27	3	6	5.26	< 10	< 1	0.91	12	0.85
748233	3.4	7.0	93	1450	< 1	7	7	668	1.88	< 2	< 10	23	< 0.5	< 2	0.11	3	5	5.64	< 10	< 1	0.77	14	0.81
748234	4.9	13.2	217	887	< 1	8	8	233	1.84	< 2	< 10	15	1.3	4	0.11	3	5	8.85	< 10	< 1	0.46	44	0.69
748235	3.8	6.2	175	1030	< 1	5	7	171	1.54	< 2	< 10	17	< 0.5	< 2	0.13	7	8	6.93	< 10	< 1	0.69	13	0.69
748236	6.1	15.6	266	510	< 1	7	11	110	0.88	< 2	< 10	11	0.9	5	0.04	38	3	10.2	< 10	< 1	0.26	14	0.24
748237	7.0	15.3	307	554	< 1	9	11	114	0.94	< 2	< 10	13	0.5	3	0.03	4	4	8.15	< 10	< 1	0.40	13	0.35
748238	5.7	8.8	333	646	< 1	10	8	148	1.00	< 2	< 10	15	< 0.5	2	0.03	3	4	8.78	< 10	< 1	0.34	< 10	0.37
748239	7.1	14.0	215	599	< 1	8	10	168	1.07	< 2	< 10	15	< 0.5	6	0.05	7	4	8.19	< 10	< 1	0.39	14	0.41
748240	5.1	3.6	215	623	< 1	8	7	220	1.12	2	< 10	16	< 0.5	4	0.07	4	4	6.78	< 10	< 1	0.44	14	0.40
748241	4.3	4.2	223	962	< 1	5	14	430	1.17	< 2	< 10	16	1.8	< 2	0.06	3	4	6.43	< 10	< 1	0.39	14	0.43
748242	9.1	7.9	313	2090	1	12	13	1610	2.64	< 2	< 10	< 10	17.1	16	0.04	17	4	14.1	< 10	< 1	0.11	24	0.80
748243	3.0	3.3	141	636	< 1	5	6	41	1.25	< 2	< 10	< 10	2.0	4	0.29	3	4	4.64	< 10	< 1	0.04	22	0.18
748244	3.3	4.1	175	636	< 1	7	34	414	1.71	< 2	< 10	18	1.2	< 2	0.76	6	10	5.23	< 10	< 1	0.38	16	0.39
748245	2.4	5.3	103	1010	< 1	9	14	649	1.64	< 2	< 10	24	3.1	< 2	0.32	7	10	4.26	< 10	< 1	0.59	13	0.65
748246	1.9	42.7	55	2100	< 1	10	30	2080	2.40	< 2	< 10	27	1.4	< 2	0.84	6	10	3.66	< 10	< 1	0.56	< 10	0.79
748247	1.5	10.8	43	1300	< 1	6	25	315	3.09	< 2	< 10	28	0.8	< 2	1.31	5	5	3.71	< 10	< 1	0.65	10	0.79
748248	1.9	8.2	42	1270	< 1	4	29	422	2.72	< 2	< 10	26	0.8	< 2	0.95	5	4	3.63	< 10	< 1	0.65	< 10	0.76
748249	2.2	11.7	72	1800	< 1	5	48	474	2.22	< 2	< 10	24	< 0.5	< 2	0.59	7	6	4.73	< 10	< 1	0.54	10	0.68
748250	2.1	3.0	77	1070	< 1	6	5	206	1.79	2	< 10	25	< 0.5	< 2	0.09	13	6	5.94	< 10	< 1	0.80	11	0.64
748251	2.3	3.2	88	1190	< 1	8	4	282	1.91	< 2	< 10	23	< 0.5	< 2	0.14	7	6	5.60	< 10	< 1	0.67	11	0.61
748252	1.1	4.4	36	918	< 1	7	10	304	3.27	< 2	< 10	29	< 0.5	< 2	1.66	5	6	3.09	10	< 1	0.59	10	0.60
748253	1.0	5.3	41	1130	< 1	6	9	282	2.97	< 2	< 10	35	0.6	< 2	1.14	4	6	3.09	< 10	< 1	0.75	10	0.70
748254	1.9	3.2	110	1230	< 1	9	11	357	2.31	< 2	< 10	32	< 0.5	< 2	0.45	8	6	5.65	< 10	< 1	0.88	< 10	0.77
748255	1.1	3.6	32	1200	< 1	4	27	278	2.35	< 2	< 10	38	< 0.5	< 2	0.80	4	5	2.92	< 10	< 1	0.70	12	0.61
748256	3.6	5.8	97	2270	< 1	7	83	483	1.33	< 2	< 10	24	< 0.5	8	0.27	5	4	4.84	< 10	< 1	0.52	11	0.39
748257	4.6	4.2	81	906	< 1	6	56	361	1.65	< 2	< 10	29	< 0.5	6	1.49	3	3	4.88	< 10	< 1	0.42	10	0.42
748258	2.8	3.2	87	796	< 1	7	10	393	1.80	< 2	< 10	19	< 0.5	7	0.38	6	4	5.61	< 10	< 1	0.33	15	0.47
748259	2.9	0.9	139	584	< 1	6	10	142	1.61	< 2	< 10	20	< 0.5	5	0.08	10	5	7.11	< 10	< 1	0.51	11	0.55
748260	2.6	1.9	94	867	< 1	9	9	274	2.20	< 2	< 10	32	< 0.5	< 2	0.11	7	12	5.85	10	< 1	0.67	15	0.66
748261	1.4	2.2	74	907	< 1	11	11	301	1.73	< 2	< 10	36	< 0.5	< 2	0.33	7	13	5.96	< 10	< 1	0.77	11	0.69
748262	1.8	1.1	65	885	< 1	8	8	204	2.00	< 2	< 10	36	< 0.5	< 2	0.18	7	11	5.14	< 10	< 1	0.88	12	0.74
748263	2.2	1.4	87	865	< 1	10	10	507	1.62	< 2	< 10	27	< 0.5	< 2	0.21	8	12	4.92	10	< 1	0.87	< 10	0.69
748264	0.3	0.8	6	916	< 1	6	26	246	4.20	< 2	< 10	37	0.8	< 2	2.74	5	6	1.78	10	< 1	0.55	16	0.72
748265	2.4	13.0	45	1260	< 1	13	22	1130	3.06	< 2	< 10	40	< 0.5	< 2	1.25	6	23	4.27	10	< 1	0.93	12	1.08
748266	1.7	9.6	40	1750	< 1	44	143	1530	4.12	< 2	< 10	49	0.7	< 2	2.51	16	55	3.55	10	< 1	0.75	14	1.21

Results — Activation Laboratories Ltd. — Report: A21-18596

Analyte Symbol	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne
Lower Limit	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	0.02
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-GRA
748232	0.030	0.008	1.95	< 2	1	7	0.16	< 20	< 1	< 2	< 10	28	< 10	2	3	0.20
748233	0.026	0.014	2.42	2	2	4	0.13	< 20	< 1	< 2	< 10	28	< 10	2	3	0.28
748234	0.030	0.009	4.82	3	1	5	0.07	< 20	3	< 2	< 10	19	< 10	2	3	0.54

748235	0.027	0.007	3.78	2	2	4	0.14	< 20	2	< 2	< 10	30	< 10	2	3	0.44
748236	0.023	0.009	8.53	5	< 1	3	0.05	< 20	3	< 2	< 10	10	< 10	2	4	0.52
748237	0.021	0.008	5.22	2	1	3	0.07	< 20	5	< 2	< 10	18	< 10	2	4	
748238	0.018	0.008	4.21	3	1	2	0.07	< 20	< 1	< 2	< 10	16	< 10	1	3	0.61
748239	0.022	0.007	4.29	3	1	3	0.07	< 20	4	< 2	< 10	19	< 10	2	3	
748240	0.023	0.009	3.95	2	1	3	0.08	< 20	< 1	< 2	< 10	19	< 10	2	3	0.57
748241	0.025	0.010	3.59	2	< 1	3	0.07	< 20	< 1	< 2	< 10	16	< 10	2	3	0.48
748242	0.068	0.008	10.7	5	< 1	6	0.06	< 20	6	< 2	< 10	9	< 10	2	6	0.54
748243	0.047	0.016	3.40	2	< 1	11	0.02	< 20	< 1	< 2	< 10	8	< 10	8	4	0.22
748244	0.036	0.014	3.85	2	3	15	0.09	< 20	2	< 2	26	19	< 10	12	39	0.35
748245	0.035	0.045	2.40	2	1	13	0.12	< 20	< 1	< 2	< 10	21	< 10	3	4	0.22
748246	0.124	0.039	2.04	< 2	1	24	0.09	< 20	< 1	< 2	< 10	19	< 10	1	4	0.16
748247	0.224	0.035	1.93	< 2	1	21	0.12	< 20	< 1	< 2	< 10	23	< 10	2	3	
748248	0.163	0.034	1.82	< 2	1	16	0.12	< 20	< 1	< 2	< 10	20	< 10	2	3	
748249	0.092	0.033	2.94	3	1	11	0.10	< 20	< 1	< 2	< 10	19	< 10	2	3	
748250	0.028	0.026	3.01	< 2	2	4	0.17	< 20	< 1	< 2	< 10	30	< 10	2	3	
748251	0.034	0.036	3.18	3	1	7	0.14	< 20	< 1	< 2	< 10	26	< 10	2	3	
748252	0.206	0.034	1.22	2	2	46	0.13	< 20	< 1	< 2	< 10	26	< 10	1	2	
748253	0.175	0.035	1.04	2	1	29	0.12	< 20	< 1	< 2	< 10	23	< 10	1	2	
748254	0.083	0.029	2.61	< 2	1	13	0.15	< 20	< 1	< 2	< 10	26	< 10	1	3	
748255	0.144	0.036	0.88	< 2	1	20	0.13	< 20	< 1	< 2	< 10	22	< 10	1	2	
748256	0.020	0.036	2.62	2	1	5	0.09	< 20	< 1	< 2	< 10	15	< 10	2	4	
748257	0.049	0.037	2.72	< 2	< 1	15	0.07	< 20	< 1	< 2	< 10	13	< 10	2	3	
748258	0.025	0.028	3.45	< 2	< 1	13	0.05	< 20	< 1	< 2	< 10	16	< 10	2	3	
748259	0.021	0.017	4.41	2	1	7	0.09	< 20	< 1	< 2	< 10	22	< 10	2	3	
748260	0.024	0.019	2.48	< 2	1	8	0.14	< 20	< 1	< 2	< 10	30	< 10	2	3	
748261	0.037	0.037	1.63	< 2	2	8	0.15	< 20	< 1	< 2	< 10	32	< 10	2	3	
748262	0.060	0.028	1.66	< 2	2	9	0.17	< 20	1	< 2	< 10	34	< 10	2	3	
748263	0.087	0.015	2.09	< 2	5	11	0.19	< 20	2	< 2	< 10	28	< 10	2	17	
748264	0.251	0.040	0.26	< 2	2	87	0.13	< 20	< 1	< 2	< 10	24	< 10	2	2	
748265	0.247	0.032	1.64	< 2	4	27	0.18	< 20	< 1	< 2	< 10	59	< 10	2	6	
748266	0.260	0.068	1.52	< 2	4	72	0.18	< 20	< 1	< 2	< 10	54	< 10	2	7	

Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La	Mg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%
Lower Limit	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10	0.01
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-6 Meas	0.2	< 0.5	66	1020	1	23	94	121	6.17	202	< 10	636	0.8	< 2	0.11	12	75	5.28	20	< 1	0.93	< 10	0.38
GXR-6 Cert	1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9	0.609
GXR-6 Meas	0.3	< 0.5	69	1040	2	23	98	126	6.49	222	< 10	674	0.8	< 2	0.12	13	77	5.45	20	< 1	0.98	< 10	0.40

GXR-6 Cert	1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9	0.609
GXR-6 Meas	0.3	< 0.5	66	1010	2	22	96	120	6.20	211	< 10	633	0.8	< 2	0.11	13	73	5.14	20	< 1	0.93	< 10	0.37
GXR-6 Cert	1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9	0.609
OREAS 98 (Aqua Regia) Meas	41.4		> 10000				294	1200						< 2		106							
OREAS 98 (Aqua Regia) Cert	42.8		147000				343	1300						90		111							
OREAS 98 (Aqua Regia) Meas	40.6		> 10000				290	1230						4		106							
OREAS 98 (Aqua Regia) Cert	42.8		147000				343	1300						90		111							
OREAS 98 (Aqua Regia) Meas	40.0		> 10000				286	1170						< 2		103							
OREAS 98 (Aqua Regia) Cert	42.8		147000				343	1300						90		111							
OREAS 922 (AQUA REGIA) Meas	1.0	< 0.5	2310	765	< 1	35	63	264	2.74	< 2		67	0.7	11	0.36	19	45	5.12	< 10		0.43	33	1.32
OREAS 922 (AQUA REGIA) Cert	0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5	1.33
OREAS 922 (AQUA REGIA) Meas	0.7	< 0.5	2300	754	< 1	34	62	259	2.70	4		65	0.7	5	0.36	18	43	4.97	< 10		0.43	33	1.29
OREAS 922 (AQUA REGIA) Cert	0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5	1.33
OREAS 923 (AQUA REGIA) Meas	1.5	< 0.5	4430	871	< 1	33	95	348	2.75	5		52	0.6	13	0.36	21	43	5.76	10		0.36	30	1.39
OREAS 923 (AQUA REGIA) Cert	1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0	1.43
OREAS 923 (AQUA REGIA) Meas	1.5	< 0.5	4420	870	< 1	30	85	333	2.74	4		41	0.7	15	0.36	21	41	5.64	< 10		0.36	30	1.36
OREAS 923 (AQUA REGIA) Cert	1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0	1.43
OREAS 923 (AQUA REGIA) Meas	2.4	< 0.5	4570	881	< 1	33	88	338	2.78	5		53	0.6	13	0.36	22	41	5.66	< 10		0.38	30	1.37
OREAS 923 (AQUA REGIA) Cert	1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0	1.43
Oreas 96 (Aqua Regia) Meas	11.4		> 10000				95	427						< 2		47							
Oreas 96 (Aqua Regia) Cert	11.50		39100.00				100	448						27.9		49.2							
Oreas 96 (Aqua Regia) Meas	11.6						92	427						< 2		45							
Oreas 96 (Aqua Regia) Cert	11.50		> 10000				100	448						27.9		49.2							

Oreas 96 (Aqua Regia) Meas	11.0		39100.00 > 10000				93	417						3		46						
Oreas 96 (Aqua	11.50		39100.				100	448						27.9		49.2						

Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Regia) Cert			00																
Oreas 621 (Aqua	73.0	281	3610	538	13	26	> 5000 > 10000		1.75	78			0.6	< 2	1.54	29	31	3.25	10
Regia) Meas Oreas	68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29
621 (Aqua																			
Regia) Cert Oreas	72.9	269	3470	517	13	25	> 5000 > 10000		1.65	78			0.6	4	1.51	28	32	3.20	10
621 (Aqua	68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29
Regia) Meas Oreas	70.2	275	3520	524	13	25	> 5000 > 10000		1.69	73			0.6	< 2	1.43	28	31	3.12	10
621 (Aqua																			
Regia) Cert Oreas	68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29
621 (Aqua																			
Regia) Meas Oreas																			
621 (Aqua Regia)																			
Cert																			
OREAS 229b																			
(Fire Assay) Meas																			
OREAS 229b			350	168	< 1	231	8	28	6.44			109	0.9	2	0.05	38	345	13.2	20
(Fire Assay) Cert			336	150	1.19	192	12.4	22.2	4.81			158	0.980	0.170	0.0750	39.2	341	13.7	20.3
OREAS 229b			364	174	1	240	8	27	6.79			112	0.9	< 2	0.05	40	349	13.3	20
(Fire Assay) Meas																			
OREAS 229b			336	150	1.19	192	12.4	22.2	4.81			158	0.980	0.170	0.0750	39.2	341	13.7	20.3
(Fire Assay) Cert																			
OREAS 45f (Aqua			358	169	< 1	236	9	26	6.67			110	0.9	< 2	0.05	37	334	13.2	20
Regia) Meas			336	150	1.19	192	12.4	22.2	4.81			158	0.980	0.170	0.0750	39.2	341	13.7	20.3
OREAS 45f (Aqua																			
Regia) Cert OREAS																			
45f (Aqua																			
Regia) Meas																			
OREAS 45f (Aqua																			
Regia) Cert OREAS																			
45f (Aqua																			
Regia) Meas																			
OREAS 45f (Aqua																			
Regia) Cert																			
OREAS 216b Meas																			
OREAS 216b Cert																			
OREAS 216b Meas																			
OREAS 216b Cert																			
748241 Orig	4.4	4.0	218	944	< 1	4	14	424	1.15	< 2	< 10	16	1.8	< 2	0.06	3	4	6.42	< 10
748241 Dup	4.2	4.3	227	979	< 1	6	14	437	1.19	< 2	< 10	16	1.8	< 2	0.06	3	4	6.45	< 10
748249 Orig	2.2	11.7	72	1800	< 1	5	48	474	2.22	< 2	< 10	24	< 0.5	< 2	0.59	7	6	4.73	< 10
748249 Split PREP DUP	2.1	13.6	63	2080	< 1	7	64	564	2.50	< 2	< 10	29	0.7	< 2	0.83	6	6	4.14	< 10
748254 Orig	1.9	3.1	111	1210	< 1	9	12	357	2.27	< 2	< 10	31	< 0.5	< 2	0.45	8	6	5.70	< 10
748254 Dup	1.9	3.3	108	1260	< 1	9	11	357	2.34	< 2	< 10	33	< 0.5	< 2	0.44	8	6	5.60	< 10
Method Blank																			
Method Blank																			
Method Blank																			
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	5	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10

Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	3	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	2	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10

Analyte Symbol	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne
Lower Limit	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	0.02
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-GRA
GXR-6 Meas	0.097	0.033	0.01	3	15	28		< 20	< 1	< 2	< 10	149	< 10	4	4	
GXR-6 Cert	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110	
GXR-6 Meas	0.107	0.035	0.01	3	15	29		< 20	< 1	< 2	< 10	158	< 10	4	7	
GXR-6 Cert	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110	
GXR-6 Meas	0.099	0.032	0.01	5	14	28		< 20	< 1	< 2	< 10	149	< 10	4	7	
GXR-6 Cert	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110	
OREAS 98 (Aqua Regia) Meas				18												
OREAS 98 (Aqua Regia) Cert				15												
OREAS 98 (Aqua Regia) Meas				18												
OREAS 98 (Aqua Regia) Cert				15												
OREAS 98 (Aqua Regia) Meas				16												
OREAS 98 (Aqua Regia) Cert				15												
OREAS 922 (AQUA REGIA) Meas	0.025	0.065	0.40	3	3	16		< 20		< 2	< 10	34	< 10	15	12	
OREAS 922 (AQUA REGIA) Cert	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3	
OREAS 922 (AQUA REGIA) Meas	0.024	0.063	0.39	3	3	16		< 20		< 2	< 10	33	< 10	15	9	
OREAS 922 (AQUA REGIA) Cert	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3	
OREAS 923 (AQUA REGIA) Meas		0.062	0.74	4	3	14		< 20		< 2	< 10	33	< 10	14	22	
OREAS 923 (AQUA REGIA) Cert		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5	
OREAS 923 (AQUA REGIA) Meas		0.060	0.70	2	3	14		< 20		< 2	< 10	32	< 10	14	20	
OREAS 923 (AQUA REGIA) Cert		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5	
OREAS 923 (AQUA REGIA) Meas		0.061	0.70	4	3	15		< 20		< 2	< 10	33	< 10	14	24	
OREAS 923 (AQUA REGIA) Cert		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5	
Oreas 96 (Aqua Regia) Meas			3.76	6												
Oreas 96 (Aqua Regia) Cert			4.38	4.53												

Oreas 96 (Aqua Regia) Meas			4.27	6												
Oreas 96 (Aqua Regia) Cert			4.38	4.53												
Oreas 96 (Aqua Regia) Meas			4.16	4												
Analyte Symbol	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne
Lower Limit	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	0.02
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-GRA
Oreas 96 (Aqua Regia) Cert			4.38	4.53												
Oreas 621 (Aqua Regia) Meas	0.147	0.035	4.91	111	2	20		< 20		< 2	< 10	12	< 10	6	60	
Oreas 621 (Aqua Regia) Cert	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0	
Oreas 621 (Aqua Regia) Meas	0.149	0.034	4.81	100	2	19		< 20		< 2	< 10	12	< 10	6	57	
Oreas 621 (Aqua Regia) Cert	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0	
Oreas 621 (Aqua Regia) Meas	0.143	0.032	4.58	111	2	19		< 20		< 2	< 10	11	< 10	6	44	
Oreas 621 (Aqua Regia) Cert	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0	
Oreas 621 (Aqua Regia) Meas																12.0
Oreas 621 (Aqua Regia) Cert																11.9
OREAS 229b (Fire Assay) Meas																11.7
OREAS 229b (Fire Assay) Cert																11.9
OREAS 229b (Fire Assay) Meas	0.039	0.021	0.02		17	11	0.11	< 20		2	< 10	184		3	9	
OREAS 229b (Fire Assay) Cert	0.0320	0.0220	0.0270		31.4	13.2	0.0970	7.67		0.120	1.09	217		6.74	30.0	
OREAS 45f (Aqua Regia) Meas	0.039	0.021	0.02		17	12	0.13	< 20		< 2	< 10	190		3	11	
OREAS 45f (Aqua Regia) Cert	0.0320	0.0220	0.0270		31.4	13.2	0.0970	7.67		0.120	1.09	217		6.74	30.0	
OREAS 45f (Aqua Regia) Meas	0.039	0.021	0.02		17	11	0.12	< 20		< 2	< 10	186		3	12	
OREAS 45f (Aqua Regia) Cert	0.0320	0.0220	0.0270		31.4	13.2	0.0970	7.67		0.120	1.09	217		6.74	30.0	
OREAS 216b Meas																6.57
OREAS 216b Cert																6.66
OREAS 216b Meas																6.94
OREAS 216b Cert																6.66
748241 Orig	0.026	0.009	3.75	2	< 1	3	0.07	< 20	< 1	< 2	< 10	15	< 10	2	3	
748241 Dup	0.025	0.010	3.43	2	< 1	3	0.07	< 20	3	< 2	< 10	16	< 10	2	3	
748249 Orig	0.092	0.033	2.94	3	1	11	0.10	< 20	< 1	< 2	< 10	19	< 10	2	3	

748249 Split PREP DUP	0.131	0.035	2.54	< 2	1	14	0.10	< 20	< 1	< 2	< 10	19	< 10	2	3	
748254 Orig	0.083	0.029	2.63	3	1	13	0.16	< 20	1	< 2	< 10	26	< 10	1	3	
748254 Dup	0.083	0.028	2.58	< 2	1	13	0.15	< 20	< 1	< 2	< 10	26	< 10	1	3	
Method Blank																< 0.02
Method Blank																< 0.02
Method Blank																< 0.02
Method Blank	0.005	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	0.005	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	0.006	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	0.005	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	0.006	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	

Quality Analysis ... *Innovative Technologies*

Report No.: **A21-18598**
Report Date: **02-Nov-21**
Date Submitted: **04-Oct-21**
Your Reference:

Wayne Benham
921 Willowdale Ave.
North York Ontario M2M 3C2
Canada

ATTN: Wayne Benham

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Dryden	QOP AA-Au (Au Fire Assay AA)	2021-11-02 12:28:31

REPORT **A21-18598**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
264 Government Road, Dryden, Ontario, Canada, P8N 2R3
TELEPHONE +807 223-6168 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Dryden@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Results **Activation Laboratories Ltd.** **Report: A21-18598**

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
748197	7
748198	15
748199	15
748200	9
748201	15
748202	12
748203	19
748204	16
748205	45
748206	10
748207	16
748208	21
748209	19
748210	64
748211	12
748212	18
748213	15
748214	22
748215	55
748216	109
748217	135
748218	78
748219	36
748220	34
748221	35
748222	71
748223	50
748224	228
748225	213
748226	134
748227	113
748228	80
748229	127
748230	661
748231	208

QC **Activation Laboratories Ltd.** **Report: A21-18598**

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
Oreas E1336 (Fire Assay) Meas	508
Oreas E1336 (Fire Assay) Cert	510
Oreas E1336 (Fire Assay) Meas	512
Oreas E1336 (Fire Assay) Cert	510
748201 Orig	15
748201 Dup	14
748214 Orig	22
748214 Split PREP DUP	23
748215 Orig	55
748215 Dup	55
748223 Orig	49
748223 Dup	50
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5

Quality Analysis ... *Innovative Technologies*

Report No.: **A21-18598-Final2**
Report Date: **16-Dec-21**
Date Submitted: **04-Oct-21**
Your Reference:

Wayne Benham
921 Willowdale Ave.
North York Ontario M2M 3C2
Canada

ATTN: Wayne Benham

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1E3-Tbay	QOP AquaGeo (Aqua Regia ICPOES)	2021-12-13 12:51:44

REPORT **A21-18598-Final2**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3 Values

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

SCC Accredited LAB Accrédité CCN TM

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator
ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
TELEPHONE +807 622-6707 or +1.888.228.5227 FAX +1.905.648.9613
LabID: 673 E-MAIL Tbay@actlabs.com
ACTLABS GROUP WEBSITE www.actlabs.com

Quality Analysis ... ***Innovative Technologies***

Report No.: **A21-18598-Final2**
Report Date: **16-Dec-21**
Date Submitted: **04-Oct-21**
Your Reference:

Wayne Benham
921 Willowdale Ave.
North York Ontario M2M 3C2
Canada

ATTN: Wayne Benham

CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Dryden	QOP AA-Au (Au Fire Assay AA)	

REPORT **A21-18598-Final2**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3 Values

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

SCAN & VERIFY
ISO 9001:2015 Certified
CERTIFIED BY TRC
The Registrar Company

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
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TELEPHONE +807 223-6168 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Dryden@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Results Activation Laboratories Ltd. Report: A21-18598

Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La	Mg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%
Lower Limit	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10	0.01
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
748197	3.2	1.5	11	1710	< 1	14	12	619	3.71	7	< 10	32	0.6	4	1.99	12	7	3.52	< 10	< 1	0.39	11	0.46
748198	5.9	0.9	9	1940	< 1	11	43	283	3.84	9	< 10	18	0.6	3	2.89	12	7	3.36	< 10	< 1	0.29	11	0.39
748199	6.7	1.7	14	603	< 1	15	24	617	1.54	5	< 10	22	< 0.5	< 2	1.01	11	4	2.64	< 10	< 1	0.41	15	0.26
748200	2.9	< 0.5	11	1080	< 1	10	15	78	5.09	7	< 10	28	0.6	< 2	3.55	8	11	2.38	10	< 1	0.66	16	0.56
748201	6.5	1.0	9	432	< 1	15	8	476	1.13	12	< 10	20	< 0.5	3	0.71	15	5	3.38	< 10	< 1	0.43	14	0.21
748202	5.5	0.6	10	1030	< 1	13	13	154	3.25	9	< 10	35	< 0.5	< 2	2.06	12	11	3.48	< 10	< 1	0.68	15	0.61
748203	7.6	< 0.5	8	538	< 1	17	9	179	0.89	7	< 10	25	< 0.5	< 2	0.41	13	5	3.38	< 10	< 1	0.52	14	0.32
748204	1.9	0.9	51	785	1	24	23	346	1.37	5	< 10	59	< 0.5	< 2	1.24	15	20	3.11	< 10	< 1	0.35	20	0.85
748205	3.3	15.6	48	1170	< 1	19	165	6930	3.80	< 2	15	43	0.6	3	1.69	13	11	2.58	< 10	< 1	0.75	16	1.02
748206	1.4	1.4	30	1160	< 1	5	200	519	4.10	< 2	17	37	0.6	2	2.01	5	6	2.22	10	< 1	0.59	15	1.13
748207	1.2	1.1	11	1190	< 1	6	64	758	3.83	2	< 10	41	0.5	4	2.63	6	6	2.58	< 10	< 1	0.55	11	0.81
748208	4.1	1.0	17	1570	< 1	9	204	590	4.52	4	< 10	35	0.6	4	2.64	7	9	2.69	10	< 1	0.56	12	0.91
748209	1.7	0.7	16	1330	< 1	9	70	474	4.51	< 2	< 10	31	0.6	4	2.97	7	9	2.43	10	< 1	0.49	12	0.61
748210	2.0	1.3	19	915	< 1	7	192	804	3.92	2	< 10	40	< 0.5	< 2	2.70	4	6	2.56	< 10	< 1	0.42	12	0.45
748211	1.3	< 0.5	12	926	< 1	5	75	295	3.00	4	< 10	22	< 0.5	5	3.07	4	6	1.91	< 10	< 1	0.31	10	0.32
748212	3.7	1.8	18	1400	< 1	8	287	1090	4.66	2	< 10	35	0.6	4	3.13	6	8	2.49	10	< 1	0.44	12	0.65
748213	1.6	1.2	17	1210	< 1	6	136	764	4.11	4	< 10	21	< 0.5	< 2	2.86	6	5	2.06	10	< 1	0.39	12	0.55
748214	1.7	0.9	15	1410	< 1	5	134	490	4.67	3	< 10	24	0.6	3	3.25	5	5	2.01	10	< 1	0.49	14	0.57
748215	1.5	1.7	15	1560	2	11	158	812	5.62	< 2	< 10	49	0.7	< 2	3.16	9	9	2.91	10	< 1	1.12	12	1.07
748216	1.4	1.9	39	4740	< 1	12	138	460	3.84	< 2	< 10	35	< 0.5	< 2	1.79	16	8	5.90	< 10	< 1	0.87	11	0.85
748217	3.2	12.0	60	3160	< 1	10	472	2770	3.65	< 2	< 10	25	0.8	2	1.87	10	6	5.32	< 10	< 1	0.60	10	0.80
748218	1.6	6.7	33	1910	< 1	7	415	1770	3.11	< 2	< 10	30	< 0.5	4	2.15	9	5	3.24	< 10	< 1	0.47	11	0.96
748219	1.4	1.9	20	1620	< 1	6	156	548	2.53	< 2	< 10	39	< 0.5	< 2	2.81	5	4	2.42	< 10	< 1	0.52	13	0.89
748220	0.9	2.4	16	1460	< 1	5	137	644	3.16	< 2	< 10	19	< 0.5	3	2.51	5	5	1.97	< 10	< 1	0.39	12	0.56
748221	0.6	2.8	12	1260	< 1	4	22	366	4.34	< 2	< 10	20	< 0.5	< 2	2.94	4	6	2.05	10	< 1	0.55	13	0.48
748222	1.0	3.1	24	1160	< 1	4	19	200	3.58	< 2	< 10	21	0.5	< 2	2.12	5	5	2.55	< 10	< 1	0.61	13	0.53
748223	0.5	4.4	14	1490	< 1	4	17	279	3.47	< 2	< 10	22	< 0.5	< 2	1.85	4	5	2.38	< 10	< 1	0.78	14	0.78
748224	1.7	3.9	43	1440	< 1	5	15	571	2.24	< 2	< 10	26	< 0.5	< 2	0.96	9	5	3.99	< 10	< 1	0.78	12	0.73
748225	2.7	5.2	86	984	< 1	8	14	675	1.95	< 2	< 10	28	< 0.5	< 2	0.45	9	5	6.53	< 10	< 1	1.01	12	0.92
748226	2.7	3.7	50	1050	< 1	5	16	523	1.81	< 2	< 10	22	1.0	< 2	0.77	7	4	4.82	< 10	< 1	0.59	15	0.67
748227	1.3	2.0	34	967	< 1	4	19	625	1.44	< 2	< 10	19	2.7	4	0.40	5	3	2.99	< 10	< 1	0.24	36	0.39
748228	1.5	1.4	27	442	< 1	1	74	165	1.04	< 2	< 10	37	2.3	2	0.36	2	2	2.66	< 10	< 1	0.35	< 10	0.26
748229	4.2	2.7	62	1330	< 1	4	44	428	2.45	< 2	< 10	23	2.0	< 2	0.41	4	4	5.50	< 10	< 1	0.68	11	0.81
748230	3.1	11.5	111	941	< 1	5	22	250	1.76	< 2	< 10	26	0.6	< 2	0.21	4	6	6.19	< 10	< 1	0.95	15	0.84
748231	2.8	5.9	138	991	< 1	8	7	309	1.77	< 2	< 10	19	< 0.5	< 2	0.23	4	4	7.35	< 10	< 1	0.87	11	0.72

Results Activation Laboratories Ltd. Report: A21-18598

Analyte Symbol	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne
Lower Limit	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	0.02
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-GRA
748197	0.363	0.048	2.84	< 2	2	70	0.02	< 20	1	< 2	< 10	13	< 10	3	9	
748198	0.267	0.051	2.91	< 2	2	58	0.03	< 20	< 1	< 2	< 10	21	< 10	2	10	

748199	0.184	0.048	1.97	< 2	1	20	0.03	< 20	2	< 2	< 10	14	< 10	3	12	
748200	0.435	0.051	0.97	< 2	3	76	0.08	< 20	1	< 2	< 10	40	< 10	3	9	
748201	0.148	0.039	2.66	< 2	1	14	0.04	< 20	< 1	< 2	< 10	18	< 10	3	14	
748202	0.426	0.047	2.06	< 2	3	51	0.09	< 20	< 1	< 2	< 10	39	< 10	3	12	
748203	0.093	0.039	2.41	< 2	1	9	0.06	< 20	< 1	< 2	< 10	19	< 10	3	18	
748204	0.106	0.057	1.21	< 2	4	30	0.14	< 20	1	< 2	< 10	38	< 10	5	18	
748205	0.263	0.075	1.58	< 2	3	97	0.08	< 20	3	< 2	< 10	26	< 10	3	6	
748206	0.318	0.056	0.80	< 2	2	49	0.06	< 20	1	< 2	< 10	23	< 10	2	5	
748207	0.168	0.041	1.82	< 2	1	59	0.04	< 20	2	< 2	< 10	17	< 10	2	5	
748208	0.207	0.044	1.76	< 2	2	61	0.04	< 20	< 1	< 2	< 10	21	< 10	2	5	
748209	0.224	0.043	1.55	< 2	1	56	0.04	< 20	< 1	< 2	< 10	21	< 10	2	6	
748210	0.175	0.031	1.65	< 2	< 1	50	0.04	< 20	< 1	< 2	< 10	12	< 10	2	8	
748211	0.122	0.062	1.59	< 2	1	43	0.03	< 20	2	< 2	< 10	12	< 10	3	6	
748212	0.201	0.051	1.60	< 2	2	57	0.03	< 20	2	< 2	< 10	18	< 10	2	7	
748213	0.214	0.041	1.24	< 2	1	44	0.04	< 20	3	< 2	< 10	15	< 10	1	5	
748214	0.277	0.048	1.02	< 2	1	53	0.05	< 20	3	< 2	< 10	22	< 10	2	6	
748215	0.377	0.041	0.70	< 2	2	73	0.16	< 20	3	< 2	< 10	39	< 10	2	6	
748216	0.174	0.062	2.44	< 2	3	24	0.19	< 20	2	< 2	< 10	53	< 10	2	4	
748217	0.152	0.053	3.12	< 2	2	25	0.09	< 20	< 1	< 2	< 10	27	< 10	2	4	
748218	0.099	0.040	1.80	< 2	1	25	0.05	< 20	3	< 2	< 10	17	< 10	2	4	
748219	0.076	0.039	1.25	< 2	< 1	22	0.04	< 20	3	< 2	< 10	13	< 10	2	4	
748220	0.128	0.035	0.60	2	1	40	0.08	< 20	1	< 2	< 10	19	< 10	2	3	
748221	0.199	0.035	0.54	< 2	2	52	0.11	< 20	1	< 2	< 10	25	< 10	2	3	
748222	0.178	0.034	1.00	< 2	1	34	0.10	< 20	1	< 2	< 10	20	< 10	2	3	
748223	0.177	0.035	0.50	< 2	2	25	0.14	< 20	2	< 2	< 10	25	< 10	2	2	
748224	0.088	0.035	1.86	< 2	2	12	0.14	< 20	3	< 2	< 10	25	< 10	2	3	
748225	0.041	0.037	3.39	3	3	6	0.21	< 20	1	< 2	< 10	38	< 10	2	4	
748226	0.063	0.023	2.73	< 2	2	9	0.10	< 20	1	< 2	< 10	21	< 10	3	2	
748227	0.053	0.034	1.72	< 2	< 1	8	0.02	< 20	< 1	< 2	< 10	6	< 10	3	1	
748228	0.040	0.016	1.30	< 2	< 1	11	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	1	1	
748229	0.040	0.013	2.78	< 2	2	12	0.09	< 20	< 1	< 2	< 10	22	< 10	3	3	0.20
748230	0.041	0.042	2.69	2	2	5	0.15	< 20	2	< 2	< 10	30	< 10	2	3	0.75
748231	0.031	0.011	3.06	3	2	3	0.14	< 20	5	< 2	< 10	25	< 10	2	3	0.26

Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La	Mg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%
Lower Limit	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10	0.01

Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-6 Meas	0.3	< 0.5	70	1090	1	23	96	131	6.77	241	< 10	705	0.9	< 2	0.14	13	74	5.68	20	2	1.05	< 10	0.37
GXR-6 Cert	1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9	0.609
GXR-6 Meas	0.3	< 0.5	68	1050	1	23	89	115	6.26	234	< 10	674	0.9	< 2	0.13	15	68	5.12	10	1	0.99	< 10	0.36
GXR-6 Cert	1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9	0.609
OREAS 922 (AQUA REGIA) Meas	0.8	< 0.5	2250	784	< 1	34	54	262	2.76	5		76	0.8	5	0.42	19	42	5.20	< 10		0.46	35	1.24
OREAS 922 (AQUA REGIA) Cert	0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5	1.33
OREAS 922 (AQUA REGIA) Meas	0.7	0.6	2250	766	< 1	31	55	229	2.54	6		71	0.7	5	0.38	20	39	4.84	< 10		0.44	29	1.22
OREAS 922 (AQUA REGIA) Cert	0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5	1.33
OREAS 923 (AQUA REGIA) Meas	1.5	< 0.5	4270	879	< 1	29	81	335	2.72	7		59	0.7	18	0.42	22	39	5.91	< 10		0.39	32	1.31
OREAS 923 (AQUA REGIA) Cert	1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0	1.43
OREAS 923 (AQUA REGIA) Meas	1.7	0.7	4310	856	< 1	30	72	301	2.53	5		57	0.7	11	0.38	23	36	5.41	< 10		0.37	27	1.31
OREAS 923 (AQUA REGIA) Cert	1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0	1.43
Oreas 621 (Aqua Regia) Meas	66.9	288	3740	563	14	24	> 5000	> 10000	1.77	81			0.6	3	1.49	32	27	3.50	10	4	0.37	19	0.41
Oreas 621 (Aqua Regia) Cert	68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4	0.436
OREAS 229b (Fire Assay) Meas																							
OREAS 229b (Fire Assay) Cert			358	182	< 1	232	13	28	7.30			131	1.1	< 2	0.07	41	327	14.3	20	< 1	0.10	11	0.17
OREAS 45f (Aqua Regia) Meas			336	150	1.19	192	12.4	22.2	4.81			158	0.980	0.170	0.0750	39.2	341	13.7	20.3	0.0310	0.0820	10.7	0.152
OREAS 45f (Aqua Regia) Cert			334	170	1	205	7	24	6.55			120	1.0	3	0.07	39	295	12.6	20	2	0.10	< 10	0.16
OREAS 45f (Aqua Regia) Cert OREAS 45f (Aqua Regia) Meas OREAS 45f (Aqua Regia) Cert			336	150	1.19	192	12.4	22.2	4.81			158	0.980	0.170	0.0750	39.2	341	13.7	20.3	0.0310	0.0820	10.7	0.152
OREAS 216b Meas																							
OREAS 216b Cert																							
748209 Orig	1.6	0.7	16	1320	< 1	9	68	469	4.49	< 2	< 10	31	0.6	4	2.96	7	8	2.41	10	< 1	0.48	12	0.60
748209 Dup	1.8	0.7	16	1330	< 1	9	71	479	4.54	3	< 10	31	0.6	3	2.99	7	9	2.45	10	< 1	0.49	12	0.61

748214 Orig	1.7	0.9	15	1410	< 1	5	134	490	4.67	3	< 10	24	0.6	3	3.25	5	5	2.01	10	< 1	0.49	14	0.57
748214 Split PREP DUP	1.7	0.9	15	1390	< 1	5	133	528	4.57	3	< 10	24	0.6	2	3.14	5	6	2.02	10	< 1	0.50	12	0.57
748222 Orig	1.0	3.1	23	1140	< 1	4	18	199	3.55	< 2	< 10	21	0.5	< 2	2.12	5	5	2.53	< 10	< 1	0.61	13	0.52
748222 Dup	1.0	3.1	24	1190	< 1	4	19	201	3.61	< 2	< 10	21	0.5	< 2	2.13	5	5	2.57	< 10	< 1	0.61	13	0.53
Method Blank																							
Method Blank																							
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01

Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10

Analyte Symbol	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne
Lower Limit	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	0.02
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-GRA
GXR-6 Meas	0.103	0.036	0.01	4	20	29		< 20	3	< 2	< 10	160	< 10	5	9	
GXR-6 Cert	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110	
GXR-6 Meas	0.120	0.032	0.01	4	19	24		< 20	< 1	< 2	< 10	152	< 10	5	8	
GXR-6 Cert	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110	
OREAS 922 (AQUA REGIA) Meas	0.028	0.063	0.38	3	4	15		< 20		< 2	< 10	33	< 10	20	18	
OREAS 922 (AQUA REGIA) Cert	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3	
OREAS 922 (AQUA REGIA) Meas	0.028	0.058	0.34	< 2	3	13		< 20		< 2	< 10	32	< 10	18	7	
OREAS 922 (AQUA REGIA) Cert	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3	
OREAS 923 (AQUA REGIA) Meas		0.060	0.68	3	3	14		< 20		< 2	< 10	32	< 10	18	25	
OREAS 923 (AQUA REGIA) Cert		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5	
OREAS 923 (AQUA REGIA) Meas		0.054	0.59	3	3	12		< 20		< 2	< 10	31	< 10	17	10	
OREAS 923 (AQUA REGIA) Cert		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5	
Oreas 621 (Aqua Regia) Meas	0.165	0.035	4.52	120	2	18		< 20		< 2	< 10	12	< 10	7	61	
Oreas 621 (Aqua Regia) Cert	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0	
OREAS 229b (Fire Assay) Meas																11.7
OREAS 229b (Fire Assay) Cert																11.9
OREAS 45f (Aqua Regia) Meas	0.045	0.022	0.02		28	15	0.14	< 20		< 2	< 10	195		5	17	
OREAS 45f (Aqua Regia) Cert	0.0320	0.0220	0.0270		31.4	13.2	0.0970	7.67		0.120	1.09	217		6.74	30.0	
OREAS 216b Meas	0.046	0.020	0.02		25	12	0.12	< 20		< 2	< 10	181		5	17	
OREAS 216b Cert																6.94
748209 Orig	0.225	0.043	1.54	< 2	1	56	0.04	< 20	2	3	< 10	21	< 10	2	6	
748209 Dup	0.223	0.043	1.57	< 2	2	56	0.04	< 20	< 1	< 2	< 10	21	< 10	2	6	
748214 Orig	0.277	0.048	1.02	< 2	1	53	0.05	< 20	3	< 2	< 10	22	< 10	2	6	
748214 Split PREP DUP	0.281	0.047	1.01	< 2	1	51	0.06	< 20	3	< 2	< 10	23	< 10	1	6	
748222 Orig	0.178	0.033	1.00	< 2	1	34	0.10	< 20	1	< 2	< 10	20	< 10	2	3	
748222 Dup	0.178	0.034	1.01	< 2	1	35	0.11	< 20	1	< 2	< 10	21	< 10	2	3	
Method Blank																< 0.02
Method Blank																< 0.02
Method Blank	0.006	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	

Analyte Symbol	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne
Lower Limit	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	0.02
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-GRA
Method Blank	0.008	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	0.007	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	0.008	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	

Quality Analysis ... *Innovative Technologies*

Report No.: **A21-19125**
Report Date: **30-Dec-21**
Date Submitted: **08-Oct-21**
Your Reference:

Wayne Benham
921 Willowdale Ave.
North York Ontario M2M 3C2 Canada

ATTN: Wayne Benham

CERTIFICATE OF ANALYSIS

35 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1E3-Tbay	QOP AquaGeo (Aqua Regia ICPOES)	2021-12-16 14:14:57

REPORT **A21-19125**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3 Values which exceed the upper limit should be assayed for accurate numbers.

Quality Analysis ... *Innovative Technologies*

Report No.: **A21-19125**
Report Date: **30-Dec-21**
Date Submitted: **08-Oct-21**
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CERTIFICATE OF ANALYSIS

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The following analytical package(s) were requested:		Testing Date:
1E3-Tbay	QOP AquaGeo (Aqua Regia ICPOES)	2021-12-16 14:14:57

REPORT **A21-19125**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3 Values

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

SCC Accredited LAB Accrédité CCN TM

CERTIFIED BY:

Elitsa Hrischeva, Ph.D.
ACTIVATION LABORATORIES LTD. Quality Control Coordinator
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
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LabID: 673 E-MAIL Tbay@actlabs.com
ACTLABS GROUP WEBSITE www.actlabs.com

Report No.: **A21-19125**
Report Date: **30-Dec-21**
Date Submitted: **08-Oct-21**
Your Reference:

Wayne Benham
921 Willowdale Ave.
North York Ontario M2M 3C2
Canada

ATTN: Wayne Benham

CERTIFICATE OF ANALYSIS

35 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Dryden	QOP AA-Au (Au Fire Assay AA)	

REPORT **A21-19125**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3 Values

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

CERTIFIED BY:

Elitsa Hrischeva, Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
264 Government Road, Dryden, Ontario, Canada, P8N 2R3
TELEPHONE +807 223-6168 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Dryden@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Results Activation Laboratories Ltd. Report: A21-19125

Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La	Mg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%
Lower Limit	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10	0.01
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
748165	8.3	14.8	130	2520	1	13	98	6020	4.09	4	< 10	42	0.7	< 2	2.36	12	15	3.59	< 10	< 1	0.45	10	0.77
748166	3.7	7.5	47	4480	< 1	12	46	1740	3.72	< 2	< 10	48	0.6	< 2	1.85	12	14	3.75	< 10	< 1	0.73	12	0.76
748167	2.5	7.6	92	2820	< 1	10	42	2240	3.60	< 2	< 10	31	< 0.5	< 2	1.87	10	12	3.44	10	< 1	0.68	11	0.78
748168	9.7	3.2	272	2910	2	21	69	370	2.01	< 2	< 10	74	< 0.5	2	0.63	24	23	4.95	< 10	< 1	0.76	20	0.48
748169	13.2	1.6	256	2430	1	29	46	301	1.45	< 2	< 10	17	< 0.5	2	0.32	30	36	5.90	< 10	< 1	0.72	10	0.36
748170	4.5	1.0	48	2680	< 1	33	49	347	2.07	2	< 10	42	< 0.5	< 2	0.55	32	44	7.68	< 10	< 1	1.01	< 10	0.54
748171	3.4	1.0	42	2500	< 1	33	62	285	2.35	< 2	< 10	45	< 0.5	2	0.32	38	40	7.76	< 10	1	1.23	< 10	0.68
748172	2.2	2.4	34	1660	< 1	23	41	813	2.94	< 2	< 10	34	< 0.5	< 2	0.91	14	44	5.07	10	< 1	1.22	14	0.92
748173	4.1	2.2	105	2060	< 1	26	51	423	2.29	< 2	< 10	21	< 0.5	2	0.42	32	40	6.77	10	< 1	1.24	< 10	0.81
748174	1.2	1.1	54	1780	< 1	20	32	214	2.77	< 2	< 10	113	< 0.5	< 2	0.74	17	28	5.22	< 10	< 1	1.15	12	0.72
748175	0.5	0.8	22	1280	< 1	30	20	165	2.45	< 2	< 10	115	< 0.5	< 2	0.56	13	75	5.68	< 10	< 1	1.15	15	0.70
748176	0.4	0.6	16	1230	< 1	42	7	199	2.45	< 2	< 10	139	< 0.5	< 2	0.45	13	84	5.52	< 10	< 1	1.23	19	0.68
748177	2.0	0.9	164	1380	< 1	48	18	288	2.85	< 2	< 10	74	< 0.5	< 2	0.52	39	62	6.08	< 10	< 1	1.39	12	0.85
748178	4.4	1.1	487	1250	5	86	23	313	3.18	< 2	< 10	16	< 0.5	2	0.49	87	78	8.59	< 10	< 1	1.69	< 10	0.95
748179	4.7	0.9	521	1010	5	75	20	237	2.26	3	< 10	14	< 0.5	3	0.32	78	68	7.09	< 10	< 1	1.31	11	0.76
748180	< 0.2	< 0.5	13	515	< 1	17	< 2	76	1.74	< 2	< 10	42	< 0.5	< 2	0.95	13	32	3.07	< 10	< 1	0.94	13	1.17
748181	0.3	32.2	10	1000	< 1	17	259	2080	1.76	3	< 10	47	< 0.5	< 2	0.49	15	31	3.20	< 10	< 1	1.19	12	1.18
748182	0.8	0.5	62	554	1	105	20	223	2.77	5	11	30	< 0.5	< 2	0.85	27	136	4.19	< 10	< 1	1.16	14	1.62
748183	4.2	7.8	322	570	8	74	23	778	2.57	4	< 10	< 10	< 0.5	2	1.37	19	63	8.72	< 10	3	0.55	10	0.96
748184	0.5	< 0.5	33	607	3	46	8	288	3.17	3	< 10	89	< 0.5	< 2	0.86	13	96	3.09	< 10	< 1	1.44	18	1.63
748185																							
748186																							
748187																							
748188																							
748189																							
748190	14.8	8.3	33	5490	118	66	62	187	1.81	2	13	25	< 0.5	5	0.46	23	16	3.77	< 10	< 1	0.29	12	0.23
748191	16.4	10.3	41	2710	126	77	91	583	1.35	< 2	13	20	< 0.5	5	0.35	33	18	3.31	< 10	< 1	0.22	12	0.14
748192																							
748193																							
748194																							
748195																							
748196																							
748267	9.8	23.1	17	748	52	46	30	1040	1.69	2	15	21	< 0.5	< 2	0.49	21	23	2.09	< 10	< 1	0.33	14	0.20
748268	12.0	12.9	64	2900	45	29	172	433	1.45	< 2	11	27	< 0.5	< 2	0.45	17	20	2.16	< 10	< 1	0.33	13	0.22
748269	1.4	< 0.5	11	697	< 1	20	6	73	4.11	6	< 10	29	0.6	< 2	2.73	11	31	2.55	10	< 1	0.52	13	0.34

Results Activation Laboratories Ltd. Report: A21-19125

Analyte Symbol	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb
Lower Limit	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	5
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-AA

748165	0.111	0.051	2.62	< 2	2	60	0.07	< 20	5	< 2	< 10	44	< 10	1	4	8
748166	0.144	0.046	1.41	< 2	2	38	0.15	< 20	4	< 2	< 10	50	< 10	1	3	8
748167	0.158	0.044	0.70	< 2	2	28	0.18	< 20	4	< 2	< 10	46	< 10	1	3	8
748168	0.034	0.051	1.45	< 2	3	18	0.18	< 20	2	< 2	< 10	44	< 10	3	5	299
748169	0.019	0.044	1.97	< 2	3	9	0.19	< 20	6	< 2	< 10	50	< 10	3	5	328
748170	0.019	0.053	1.04	3	3	7	0.21	< 20	2	< 2	< 10	56	< 10	3	5	325
748171	0.018	0.064	0.97	3	3	7	0.19	< 20	6	< 2	< 10	50	< 10	2	4	702
748172	0.183	0.054	0.94	3	5	58	0.23	< 20	6	< 2	< 10	82	< 10	3	5	22
748173	0.091	0.046	1.49	< 2	4	11	0.24	< 20	6	< 2	< 10	80	< 10	3	5	268
748174	0.106	0.044	0.48	3	3	24	0.20	< 20	< 1	< 2	< 10	50	< 10	2	4	176
748175	0.065	0.062	0.27	3	4	14	0.19	< 20	6	< 2	< 10	53	< 10	4	6	37
748176	0.064	0.061	0.14	< 2	4	14	0.21	< 20	6	< 2	< 10	51	< 10	5	8	34
748177	0.063	0.059	0.72	< 2	5	15	0.25	< 20	< 1	< 2	< 10	66	< 10	4	6	48
748178	0.077	0.076	2.26	3	12	14	0.41	< 20	5	< 2	< 10	142	< 10	4	5	121
748179	0.052	0.061	2.45	5	10	9	0.32	< 20	4	< 2	< 10	103	< 10	5	11	88
748180	0.171	0.051	0.55	< 2	5	56	0.25	< 20	4	< 2	< 10	73	< 10	4	7	< 5
748181	0.129	0.038	0.93	< 2	6	28	0.23	< 20	3	< 2	< 10	69	< 10	3	10	5
748182	0.132	0.055	1.00	< 2	8	51	0.18	< 20	3	< 2	< 10	74	< 10	3	16	10
748183	0.076	0.037	6.13	3	3	47	0.10	< 20	< 1	< 2	< 10	34	< 10	3	16	40
748184	0.263	0.072	0.68	< 2	6	42	0.20	< 20	5	< 2	< 10	55	< 10	4	18	5
748185																< 5
748186																13
748187																6
748188																10
748189																8
748190	0.031	0.061	2.44	< 2	3	14	0.03	< 20	< 1	< 2	< 10	26	< 10	4	9	23
748191	0.027	0.063	2.37	< 2	2	17	0.02	< 20	5	< 2	< 10	22	< 10	3	9	14
748192																12
748193																22
748194																25
748195																15
748196																13
748267	0.040	0.059	1.13	< 2	2	24	0.04	< 20	5	< 2	< 10	30	< 10	3	7	10
748268	0.028	0.062	1.16	< 2	3	18	0.04	< 20	4	< 2	< 10	24	< 10	3	5	22
748269	0.129	0.043	0.54	< 2	3	159	0.15	< 20	6	< 2	< 10	50	< 10	2	6	< 5

Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La	Mg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%
Lower Limit	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10	0.01
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-6 Meas	0.2	< 0.5	63	967	1	22	95	121	6.23	192	< 10	731	0.8	< 2	0.13	13	74	5.00	10	3	0.93	< 10	0.36
GXR-6 Cert	1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9	0.609
GXR-6 Meas	0.4	< 0.5	65	989	2	24	98	122	6.55	209	< 10	765	0.8	< 2	0.13	13	76	5.19	10	1	0.98	< 10	0.38
GXR-6 Cert	1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9	0.609
GXR-6 Meas	0.3	< 0.5	64	964	1	23	95	119	6.45	207	< 10	763	0.8	< 2	0.13	13	74	5.09	20	< 1	1.02	< 10	0.38

GXR-6 Cert	1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9	0.609
OREAS 98 (Aqua Regia) Meas	43.8		> 10000				305	1260						50		113							
OREAS 98 (Aqua Regia) Cert OREAS 98 (Aqua Regia) Meas	42.8		147000				343	1300						93		111							
OREAS 98 (Aqua Regia) Cert	42.9		> 10000				295	1210						53		109							
OREAS 98 (Aqua Regia) Meas	42.8		147000				343	1300						93		111							
OREAS 98 (Aqua Regia) Cert	45.4		> 10000				307	1250						8		112							
OREAS 98 (Aqua Regia) Meas	42.8		147000				343	1300						90		111							
OREAS 98 (Aqua Regia) Cert																							
OREAS 922 (AQUA REGIA) Meas	0.8	< 0.5	2190	738	< 1	34	68	266	2.77	6		69	0.8	8	0.38	20	45	4.95	< 10		0.43	35	1.25
OREAS 922 (AQUA REGIA) Cert	0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5	1.33
OREAS 922 (AQUA REGIA) Meas	0.7	< 0.5	2130	739	< 1	37	66	260	2.83	9		70	0.8	11	0.38	20	44	4.90	< 10		0.44	35	1.26
OREAS 922 (AQUA REGIA) Cert	0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5	1.33
OREAS 922 (AQUA REGIA) Meas	0.8	< 0.5	2290	762	< 1	37	64	266	3.03	7		75	0.8	12	0.39	20	47	5.27	< 10		0.48	36	1.36
OREAS 922 (AQUA REGIA) Cert	0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5	1.33
OREAS 923 (AQUA REGIA) Meas	2.7	< 0.5	4440	866	< 1	34	83	348	2.85	8		56	0.7	22	0.39	23	43	5.84	< 10		0.37	34	1.37
OREAS 923 (AQUA REGIA) Cert	1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0	1.43
OREAS 923 (AQUA REGIA) Meas	1.7	< 0.5	4370	864	< 1	34	86	348	2.89	11		57	0.7	14	0.39	22	43	5.76	< 10		0.38	33	1.37
OREAS 923 (AQUA REGIA) Cert	1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0	1.43
OREAS 923 (AQUA REGIA) Meas	2.0	< 0.5	4510	863	< 1	35	86	346	3.01	8		60	0.7	24	0.39	22	43	5.95	< 10		0.41	34	1.42
OREAS 923 (AQUA REGIA) Cert	1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0	1.43
Oreas 96 (Aqua Regia) Meas	11.4		> 10000				95	441						30		49							
Oreas 96 (Aqua Regia) Cert	11.50						100	448						27.9		49.2							

			39100.00																				
Oreas 96 (Aqua	11.5		> 10000				94	432						24		46							

Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Regia) Meas																			
Oreas 96 (Aqua Regia) Cert	11.50		39100.00				100	448						27.9		49.2			
Oreas 96 (Aqua Regia) Meas	11.8		> 10000				96	432						24		46			
Oreas 96 (Aqua Regia) Cert	11.50		39100.00				100	448						27.9		49.2			
Oreas 621 (Aqua Regia) Meas	65.3	282	3480	518	12	26	> 5000	> 10000	1.64	75			0.6	6	1.40	30	30	3.26	
Oreas 621 (Aqua Regia) Cert	68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	
Oreas 621 (Aqua Regia) Meas	65.8	265	3280	493	13	23	> 5000	> 10000	1.60	74			0.6	2	1.44	28	28	3.05	
Oreas 621 (Aqua Regia) Cert	68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	
Oreas 621 (Aqua Regia) Meas	68.5	279	3360	498	13	24	> 5000	> 10000	1.67	77			0.6	4	1.46	28	29	3.15	
Oreas 621 (Aqua Regia) Cert	68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	
Oreas 621 (Aqua Regia) Meas																			
Oreas 621 (Aqua Regia) Cert																			
Oreas E1336 (Fire Assay) Meas																			
Oreas E1336 (Fire Assay) Cert																			
Oreas E1336 (Fire Assay) Meas																			
Oreas E1336 (Fire Assay) Cert																			
Oreas E1336 (Fire Assay) Meas																			
Oreas E1336 (Fire Assay) Cert																			
OREAS 216b Meas																			
OREAS 216b Cert																			
OREAS 216b Meas																			
OREAS 216b Cert																			
OREAS 216b Meas																			
OREAS 216b Cert																			
748166 Orig	3.8	7.6	47	4640	< 1	13	47	1750	3.77	< 2	< 10	49	0.6	< 2	1.86	12	14	3.79	
748166 Dup	3.6	7.3	46	4310	< 1	12	46	1720	3.68	2	< 10	48	0.6	< 2	1.83	12	14	3.71	
748168 Orig																			
748168 Dup																			
748180 Orig	< 0.2	< 0.5	13	523	< 1	16	< 2	77	1.77	2	< 10	41	< 0.5	< 2	0.96	14	32	3.11	
748180 Dup	< 0.2	< 0.5	12	508	< 1	17	< 2	75	1.71	< 2	< 10	42	< 0.5	< 2	0.94	13	32	3.03	
748182 Orig	0.8	0.5	62	554	1	105	20	223	2.77	5	11	30	< 0.5	< 2	0.85	27	136	4.19	
748182 Split PREP DUP	0.8	< 0.5	63	532	1	108	21	220	2.81	6	12	38	< 0.5	< 2	0.88	25	125	4.15	
748183 Orig																			
748183 Dup																			
748191 Orig																			
748191 Dup																			

Method Blank																			
Method Blank																			
Method Blank																			

Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Method Blank																			
Method Blank																			
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10

Analyte Symbol	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb
Lower Limit	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	5
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-AA
GXR-6 Meas	0.071	0.031	0.01	4	14	31		< 20	< 1	< 2	< 10	149	< 10	3	5	
GXR-6 Cert	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110	
GXR-6 Meas	0.075	0.033	0.01	4	14	31		< 20	< 1	< 2	< 10	155	< 10	3	6	
GXR-6 Cert	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110	
GXR-6 Meas	0.078	0.032	0.01	4	14	31		< 20	< 1	< 2	< 10	152	< 10	3	7	
GXR-6 Cert	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110	
OREAS 98 (Aqua Regia) Meas				19												
OREAS 98 (Aqua Regia) Cert				15												
OREAS 98 (Aqua Regia) Meas				19												
OREAS 98 (Aqua Regia) Cert				15												
OREAS 98 (Aqua Regia) Meas				22												
OREAS 98 (Aqua Regia) Cert				15												
OREAS 922 (AQUA REGIA) Meas	0.020	0.061	0.37	< 2	3	17		< 20		< 2	< 10	34	< 10	15	12	
OREAS 922 (AQUA REGIA) Cert	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3	
OREAS 922 (AQUA REGIA) Meas	0.020	0.062	0.37	< 2	3	16		< 20		< 2	< 10	34	< 10	16	10	
OREAS 922 (AQUA REGIA) Cert	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3	
OREAS 922 (AQUA REGIA) Meas	0.022	0.066	0.39	2	4	17		< 20		< 2	< 10	35	< 10	16	17	
OREAS 922 (AQUA REGIA) Cert	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3	
OREAS 923 (AQUA REGIA) Meas		0.061	0.69	< 2	3	15		< 20		< 2	< 10	34	< 10	15	22	
OREAS 923 (AQUA REGIA) Cert		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5	
OREAS 923 (AQUA REGIA) Meas		0.061	0.68	3	3	15		< 20		< 2	< 10	34	< 10	15	23	
OREAS 923 (AQUA REGIA) Cert		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5	
OREAS 923 (AQUA REGIA) Meas		0.063	0.70	< 2	3	15		< 20		< 2	< 10	34	< 10	15	25	
OREAS 923 (AQUA REGIA) Cert		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5	
Oreas 96 (Aqua Regia) Meas			4.19	6												
Oreas 96 (Aqua Regia) Cert			4.38	4.53												
Oreas 96 (Aqua			4.05	6												

Analyte Symbol	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb

Lower Limit	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	5
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-AA
Regia) Meas																
Oreas 96 (Aqua Regia) Cert			4.38	4.53												
Oreas 96 (Aqua Regia) Meas			4.12	6												
Oreas 96 (Aqua Regia) Cert			4.38	4.53												
Oreas 621 (Aqua Regia) Meas	0.136	0.032	4.12	105	2	17		< 20		2	< 10	12	< 10	6	64	
Oreas 621 (Aqua Regia) Cert	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0	
Oreas 621 (Aqua Regia) Meas	0.138	0.030	4.16	105	2	18		< 20		2	< 10	11	< 10	6	62	
Oreas 621 (Aqua Regia) Cert	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0	
Oreas 621 (Aqua Regia) Meas	0.144	0.032	4.35	108	2	19		< 20		6	< 10	11	< 10	6	58	
Oreas 621 (Aqua Regia) Cert	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0	
Oreas 621 (Aqua Regia) Meas																515
Oreas 621 (Aqua Regia) Cert																510
Oreas E1336 (Fire Assay) Meas																527
Oreas E1336 (Fire Assay) Cert																510
Oreas E1336 (Fire Assay) Meas																514
Oreas E1336 (Fire Assay) Cert																510
OREAS 216b Meas																> 5000
OREAS 216b Cert																6660
OREAS 216b Meas																> 5000
OREAS 216b Cert																6660
OREAS 216b Meas																> 5000
OREAS 216b Cert																6660
748166 Orig	0.145	0.047	1.42	< 2	2	38	0.15	< 20	3	< 2	< 10	50	< 10	1	3	
748166 Dup	0.143	0.046	1.39	< 2	2	38	0.15	< 20	5	< 2	< 10	49	< 10	1	3	
748168 Orig																293
748168 Dup																305
748180 Orig	0.171	0.052	0.56	< 2	5	57	0.25	< 20	4	< 2	< 10	75	< 10	4	7	
748180 Dup	0.172	0.050	0.54	< 2	5	55	0.25	< 20	3	< 2	< 10	72	< 10	4	6	
748182 Orig	0.132	0.055	1.00	< 2	8	51	0.18	< 20	3	< 2	< 10	74	< 10	3	16	10
748182 Split PREP DUP	0.119	0.056	1.03	2	8	51	0.18	< 20	2	< 2	< 10	70	< 10	3	17	11
748183 Orig																39
748183 Dup																41
748191 Orig																13
748191 Dup																15
Method Blank																< 5
Method Blank																< 5
Method Blank																< 5

Analyte Symbol	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb
Lower Limit	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	5
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-AA
Method Blank																< 5
Method Blank																< 5
Method Blank	0.007	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	0.006	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	0.006	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	< 0.001	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	0.006	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	0.007		< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	

Quality Analysis ... Innovative chnologies

Report No.: A21-19126
Report Date: 30-Dec-21
Date Submitted: 08-Oct-21
Your Reference:

Wayne Benham
921 Willowdale Ave.
North York Ontario M2M
2 Canada

ATTN: Wayne Benham

CERTIFICATE OF ANALYSIS

35 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Dryden	QOP AA-Au (Au Fire Assay AA)	2021-11-04 14:48:13

REPORT **A21-19126**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code

1A3 Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

Elitsa Hrischeva, Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
264 Government Road, Dryden, Ontario, Canada, P8N 2R3
TELEPHONE +807 223-6168 or +1.888.228.5227 FAX +1.905.648.9613
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Quality Analysis ... ***Innovative Technologies***

Report No.: **A21-19126**
Report Date: **30-Dec-21**
Date Submitted: **08-Oct-21**
Your Reference:

Wayne Benham
921 Willowdale Ave.
North York Ontario M2M 3C2
Canada

ATTN: Wayne Benham

CERTIFICATE OF ANALYSIS

35 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1E3-Tbay	QOP AquaGeo (Aqua Regia ICPOES)	2021-12-16 14:14:57

REPORT **A21-19126**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3 Values

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

SCC Accredited LAB Accrédité CCN TM

CERTIFIED BY:

Elitsa Hrischeva, Ph.D.
ACTIVATION LABORATORIES LTD. Quality Control Coordinator
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LabID: 673 E-MAIL Tbay@actlabs.com
ACTLABS GROUP WEBSITE www.actlabs.com

Results — Activation Laboratories Ltd. — Report: A21-19126

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
748130	114	12.8	14.6	184	1610	2	20	1940	4430	1.04	3	< 10	38	< 0.5	< 2	0.43	17	44	3.50	< 10	< 1	0.62	< 10
748131	48	6.8	12.4	87	2390	< 1	15	1460	3740	3.55	3	< 10	67	< 0.5	< 2	1.84	12	36	2.70	10	< 1	0.98	13
748132	12	5.1	8.1	17	2530	3	8	98	2210	3.13	< 2	< 10	34	< 0.5	< 2	3.13	7	19	1.78	< 10	< 1	0.44	< 10
748133	16	6.4	1.4	134	1780	< 1	25	44	885	4.77	3	< 10	32	< 0.5	< 2	2.39	14	34	3.35	10	< 1	0.93	< 10
748134	9	5.4	1.8	101	964	1	15	35	461	4.00	< 2	< 10	22	< 0.5	< 2	2.16	10	20	2.61	10	< 1	0.78	< 10
748135	13	7.9	1.4	145	1240	3	19	59	436	4.32	4	< 10	23	0.9	< 2	2.35	12	23	3.27	10	< 1	0.79	< 10
748136	15	4.3	13.1	136	1440	3	38	56	1270	4.18	5	< 10	64	0.7	< 2	2.75	19	97	3.64	< 10	< 1	0.81	11
748137	9	3.9	2.5	129	1060	2	14	76	718	3.33	3	< 10	23	< 0.5	< 2	2.23	10	24	2.48	< 10	< 1	0.53	12
748138	37	9.6	7.5	299	1560	6	20	374	1370	3.92	5	< 10	25	0.6	< 2	2.11	16	21	3.90	< 10	< 1	0.65	< 10
748139	30	7.1	5.0	226	1900	5	20	168	775	3.56	< 2	< 10	23	0.6	< 2	1.70	15	19	3.66	< 10	< 1	0.66	< 10
748140	33	10.9	4.7	232	2670	6	21	53	1360	1.41	< 2	< 10	12	1.4	< 2	0.36	18	10	3.94	< 10	< 1	0.34	11
748141	21	7.6	5.1	143	2510	2	21	65	1600	0.89	< 2	< 10	15	< 0.5	< 2	0.32	19	31	3.23	< 10	< 1	0.44	11
748142	13	1.8	1.8	75	1490	1	16	14	549	3.01	4	< 10	32	< 0.5	< 2	1.49	13	14	2.96	< 10	< 1	0.69	< 10
748143	6	1.2	3.5	28	1580	1	15	54	685	2.68	6	< 10	23	< 0.5	< 2	1.55	11	10	2.79	< 10	< 1	0.47	< 10
748144	32	14.7	9.9	171	2190	4	18	478	1840	4.62	< 2	< 10	49	0.8	< 2	2.43	13	24	3.53	10	< 1	0.94	< 10
748145	20	21.4	8.2	244	3060	4	14	248	537	4.03	< 2	< 10	31	1.0	< 2	1.76	13	16	3.65	< 10	< 1	0.93	< 10
748146	31	34.8	23.4	189	2740	5	16	509	434	3.10	< 2	< 10	33	0.9	< 2	0.99	13	12	4.32	< 10	< 1	0.81	< 10
748147	21	19.7	7.7	173	2680	3	14	492	413	3.81	< 2	< 10	50	1.0	< 2	1.28	13	16	4.11	< 10	< 1	1.14	< 10
748148	24	32.4	29.2	112	2380	< 1	23	409	5400	1.35	< 2	< 10	28	2.6	< 2	0.59	6	22	2.46	< 10	< 1	0.48	16
748149	20	31.3	15.4	224	6570	< 1	22	255	2000	1.48	< 2	< 10	25	< 0.5	< 2	0.23	10	15	4.17	< 10	< 1	0.45	14
748150	31	25.4	39.2	147	1850	< 1	11	148	9620	0.98	< 2	< 10	34	< 0.5	< 2	0.24	8	7	3.02	< 10	2	0.44	14
748151	23	18.7	21.9	126	2710	< 1	6	114	6100	0.89	< 2	< 10	34	< 0.5	3	0.29	6	6	2.37	< 10	< 1	0.34	12
748152	19	12.3	34.8	104	5180	< 1	10	73	2020	1.20	< 2	< 10	33	< 0.5	6	0.20	6	7	2.90	< 10	< 1	0.38	16
748153	18	8.1	5.3	51	6020	< 1	9	88	474	1.44	< 2	< 10	41	< 0.5	< 2	0.22	8	9	3.09	< 10	< 1	0.48	15
748154	43	15.5	19.0	60	3460	< 1	12	210	583	1.84	< 2	< 10	57	< 0.5	< 2	0.57	10	9	3.71	< 10	< 1	0.70	14
748155	19	4.8	21.1	16	3140	< 1	11	91	393	3.51	< 2	< 10	54	< 0.5	< 2	1.38	8	11	3.56	< 10	< 1	1.06	11
748156	10	4.1	3.3	22	3540	< 1	8	95	325	1.80	< 2	< 10	38	< 0.5	< 2	0.67	6	9	2.42	< 10	< 1	0.58	11
748157	28	14.5	11.0	90	3220	< 1	15	105	2790	2.95	9	< 10	12	1.2	8	1.23	13	25	4.55	< 10	1	0.38	< 10
748158	17	9.1	13.7	72	4090	< 1	33	94	3080	4.32	< 2	< 10	11	0.9	< 2	2.69	18	103	4.59	< 10	< 1	0.84	< 10
748159	24	14.0	26.8	112	3040	< 1	11	70	4040	1.52	5	< 10	29	0.9	4	0.52	11	8	4.06	< 10	< 1	0.40	12
748160	17	10.0	9.3	79	2500	< 1	11	121	959	2.36	< 2	< 10	36	1.4	5	1.13	11	4	3.36	< 10	< 1	0.27	10
748161	18	10.1	10.3	103	2210	< 1	14	52	807	2.18	< 2	< 10	24	< 0.5	< 2	0.77	10	12	4.02	< 10	1	0.72	< 10
748162	11	6.2	4.1	69	3130	< 1	22	64	327	2.61	< 2	< 10	29	< 0.5	< 2	0.87	9	21	3.93	< 10	< 1	0.88	< 10
748163	27	11.3	16.1	166	2900	3	15	103	2850	2.47	< 2	< 10	34	0.7	< 2	1.07	11	10	3.49	< 10	< 1	0.46	11
748164	18	8.4	14.6	112	2310	< 1	11	74	5570	3.66	< 2	< 10	34	0.8	4	2.15	10	13	2.98	< 10	< 1	0.46	< 10

Results — Activation Laboratories Ltd. — Report: A21-19126

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
748130	0.62	0.070	0.045	2.08	3	4	12	0.11	< 20	1	< 2	< 10	59	< 10	2	8
748131	0.92	0.204	0.055	0.64	4	3	78	0.21	< 20	4	< 2	< 10	64	< 10	1	5
748132	0.37	0.108	0.032	0.69	< 2	2	123	0.14	< 20	< 1	< 2	< 10	33	< 10	2	2
748133	0.89	0.280	0.039	1.03	< 2	3	68	0.18	< 20	< 1	< 2	< 10	55	< 10	2	4

748134	0.80	0.221	0.041	0.89	< 2	3	53	0.14	< 20	5	< 2	< 10	44	< 10	1	3
748135	0.93	0.198	0.048	1.47	< 2	3	54	0.14	< 20	< 1	< 2	< 10	45	< 10	1	4
748136	1.20	0.127	0.056	1.38	2	4	72	0.13	< 20	7	< 2	< 10	56	< 10	2	6
748137	0.51	0.091	0.108	1.11	< 2	2	57	0.10	< 20	< 1	< 2	< 10	34	< 10	2	4
748138	0.72	0.149	0.046	2.09	< 2	2	42	0.11	< 20	6	< 2	< 10	39	< 10	1	5
748139	0.74	0.228	0.042	1.80	< 2	2	43	0.11	< 20	2	< 2	< 10	39	< 10	1	5
748140	0.52	0.076	0.038	2.65	< 2	2	12	0.02	< 20	5	< 2	< 10	15	< 10	3	5
748141	0.41	0.060	0.047	1.85	< 2	4	8	0.06	< 20	4	< 2	< 10	54	< 10	4	10
748142	0.77	0.250	0.046	1.23	< 2	2	33	0.11	< 20	4	< 2	< 10	33	< 10	2	5
748143	0.63	0.179	0.042	1.68	< 2	2	35	0.06	< 20	< 1	< 2	< 10	24	< 10	2	5
748144	0.91	0.225	0.047	1.30	< 2	3	98	0.18	< 20	5	< 2	< 10	88	< 10	1	4
748145	1.11	0.145	0.043	1.44	< 2	2	50	0.16	< 20	5	< 2	< 10	51	< 10	1	4
748146	1.11	0.085	0.042	2.24	< 2	2	35	0.12	< 20	3	< 2	< 10	44	< 10	1	4
748147	1.33	0.095	0.045	1.53	< 2	2	40	0.19	< 20	< 1	< 2	< 10	50	< 10	1	3
748148	0.54	0.031	0.060	1.64	< 2	1	12	0.06	< 20	< 1	< 2	< 10	17	< 10	2	3
748149	0.47	0.017	0.050	2.21	< 2	4	5	0.07	< 20	2	< 2	< 10	39	< 10	3	4
748150	0.37	0.021	0.037	2.19	< 2	3	6	0.08	< 20	7	< 2	< 10	25	< 10	2	5
748151	0.28	0.019	0.050	1.62	< 2	2	6	0.06	< 20	7	< 2	< 10	21	< 10	2	3
748152	0.35	0.018	0.033	1.32	< 2	2	4	0.07	< 20	2	< 2	< 10	28	< 10	2	3
748153	0.41	0.018	0.037	1.09	< 2	3	4	0.10	< 20	< 1	< 2	< 10	35	< 10	2	3
748154	0.67	0.035	0.052	1.50	2	3	12	0.16	< 20	< 1	< 2	< 10	41	< 10	2	4
748155	1.01	0.081	0.045	0.70	< 2	2	29	0.20	< 20	6	< 2	< 10	47	< 10	1	3
748156	0.55	0.040	0.039	0.90	< 2	2	11	0.10	< 20	< 1	< 2	< 10	26	< 10	1	4
748157	0.64	0.051	0.041	2.70	4	3	22	0.05	< 20	2	< 2	< 10	23	< 10	1	4
748158	1.33	0.054	0.060	1.91	< 2	6	53	0.15	< 20	4	< 2	< 10	82	< 10	2	4
748159	0.46	0.030	0.044	2.52	3	3	11	0.06	< 20	< 1	< 2	< 10	26	< 10	2	5
748160	0.47	0.051	0.035	2.20	< 2	1	21	0.03	< 20	< 1	< 2	< 10	9	< 10	1	3
748161	0.77	0.037	0.043	2.04	< 2	2	15	0.12	< 20	2	< 2	< 10	35	< 10	2	5
748162	0.91	0.045	0.037	1.44	< 2	2	25	0.16	< 20	< 1	< 2	< 10	39	< 10	1	4
748163	0.64	0.051	0.044	2.03	< 2	2	19	0.07	< 20	< 1	< 2	< 10	27	< 10	2	4
748164	0.73	0.082	0.050	1.97	< 2	2	46	0.07	< 20	3	< 2	< 10	43	< 10	1	4

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-6 Meas		0.2	< 0.5	63	967	1	22	95	121	6.23	192	< 10	731	0.8	< 2	0.13	13	74	5.00	10	3	0.93	< 10
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
GXR-6 Meas		0.4	< 0.5	65	989	2	24	98	122	6.55	209	< 10	765	0.8	< 2	0.13	13	76	5.19	10	1	0.98	< 10
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
GXR-6 Meas		0.3	< 0.5	64	964	1	23	95	119	6.45	207	< 10	763	0.8	< 2	0.13	13	74	5.09	20	< 1	1.02	< 10
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
OREAS 98 (Aqua Regia) Meas		43.8		> 10000				305	1260						50		113						
OREAS 98 (Aqua		42.8		147000				343	1300						93		111						
		42.9						295	1210						53		109						

Regia) Cert OREAS 98 (Aqua Regia) Meas OREAS 98 (Aqua Regia) Cert OREAS 98 (Aqua Regia) Meas OREAS 98 (Aqua Regia) Cert		42.8		> 10000				343	1300						93		111					
		45.4		147000				307	1250						8		112					
		42.8		> 10000 147000				343	1300						90		111					
OREAS 922 (AQUA REGIA) Meas		0.8	< 0.5	2190	738	< 1	34	68	266	2.77	6		69	0.8	8	0.38	20	45	4.95	< 10		0.43	35
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 922 (AQUA REGIA) Meas		0.7	< 0.5	2130	739	< 1	37	66	260	2.83	9		70	0.8	11	0.38	20	44	4.90	< 10		0.44	35
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 922 (AQUA REGIA) Meas		0.8	< 0.5	2290	762	< 1	37	64	266	3.03	7		75	0.8	12	0.39	20	47	5.27	< 10		0.48	36
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 923 (AQUA REGIA) Meas		2.7	< 0.5	4440	866	< 1	34	83	348	2.85	8		56	0.7	22	0.39	23	43	5.84	< 10		0.37	34
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 923 (AQUA REGIA) Meas		1.7	< 0.5	4370	864	< 1	34	86	348	2.89	11		57	0.7	14	0.39	22	43	5.76	< 10		0.38	33
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 923 (AQUA REGIA) Meas		2.0	< 0.5	4510	863	< 1	35	86	346	3.01	8		60	0.7	24	0.39	22	43	5.95	< 10		0.41	34
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
Oreas 96 (Aqua Regia) Meas		11.4		> 10000				95	441						30		49					
Oreas 96 (Aqua Regia) Cert		11.50		39100.00				100	448						27.9		49.2					
Oreas 96 (Aqua		11.5		> 10000				94	432						24		46					

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Regia) Meas																			
Oreas 96 (Aqua Regia) Cert		11.50		39100.00				100	448						27.9		49.2		
Oreas 96 (Aqua Regia) Meas		11.8		> 10000				96	432						24		46		
Oreas 96 (Aqua Regia) Cert		11.50		39100.00				100	448						27.9		49.2		
Oreas 621 (Aqua Regia) Meas		65.3	282	3480	518	12	26	> 5000 > 10000		1.64	75			0.6	6	1.40	30	30	3.26
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43
Oreas 621 (Aqua Regia) Meas		65.8	265	3280	493	13	23	> 5000 > 10000		1.60	74			0.6	2	1.44	28	28	3.05
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43
Oreas 621 (Aqua Regia) Meas		68.5	279	3360	498	13	24	> 5000 > 10000		1.67	77			0.6	4	1.46	28	29	3.15
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43
Oreas 621 (Aqua Regia) Meas	515																		
Oreas 621 (Aqua Regia)	510																		
Cert Oreas E1336 (Fire Assay) Meas	527																		
Oreas E1336 (Fire Assay) Cert	510																		
Oreas E1336 (Fire Assay) Meas	514																		
Oreas E1336 (Fire Assay) Cert	510																		
OREAS 216b Meas	> 5000																		
OREAS 216b Cert	6660																		
OREAS 216b Meas	> 5000																		
OREAS 216b Cert	6660																		
OREAS 216b Meas	> 5000																		
OREAS 216b Cert	6660																		
748133 Orig	16																		
748133 Dup	15																		
748142 Orig		1.8	1.8	74	1470	1	17	13	545	3.00	4	< 10	32	< 0.5	< 2	1.49	13	14	2.93
748142 Dup		1.8	1.9	75	1500	1	15	14	552	3.02	3	< 10	32	< 0.5	< 2	1.50	13	14	2.98
748147 Orig	21	19.7	7.7	173	2680	3	14	492	413	3.81	< 2	< 10	50	1.0	< 2	1.28	13	16	4.11
748147 Split PREP DUP	23	18.8	7.3	174	2730	3	14	488	412	3.82	< 2	< 10	50	1.0	< 2	1.29	12	16	4.11
748147 Split PREP DUP	23																		
748155 Orig	18	4.8	21.0	16	3070	< 1	11	90	386	3.46	< 2	< 10	53	< 0.5	< 2	1.36	8	11	3.50
748155 Dup	19	4.9	21.3	16	3210	< 1	11	93	401	3.56	3	< 10	54	< 0.5	< 2	1.41	8	11	3.62
Method Blank	< 5																		
Method Blank	< 5																		

Method Blank	< 5																		
Method Blank	< 5																		
Method Blank	< 5																		

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-6 Meas	0.36	0.071	0.031	0.01	4	14	31		< 20	< 1	< 2	< 10	149	< 10	3	5
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110
GXR-6 Meas	0.38	0.075	0.033	0.01	4	14	31		< 20	< 1	< 2	< 10	155	< 10	3	6
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110
GXR-6 Meas	0.38	0.078	0.032	0.01	4	14	31		< 20	< 1	< 2	< 10	152	< 10	3	7
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110
OREAS 98 (Aqua Regia) Meas					19											
OREAS 98 (Aqua Regia) Cert					15											
OREAS 98 (Aqua Regia) Meas					19											
OREAS 98 (Aqua Regia) Cert					15											
OREAS 98 (Aqua Regia) Meas					22											
OREAS 98 (Aqua Regia) Cert					15											
OREAS 922 (AQUA REGIA) Meas	1.25	0.020	0.061	0.37	< 2	3	17		< 20		< 2	< 10	34	< 10	15	12
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 922 (AQUA REGIA) Meas	1.26	0.020	0.062	0.37	< 2	3	16		< 20		< 2	< 10	34	< 10	16	10
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 922 (AQUA REGIA) Meas	1.36	0.022	0.066	0.39	2	4	17		< 20		< 2	< 10	35	< 10	16	17
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 923 (AQUA REGIA) Meas	1.37		0.061	0.69	< 2	3	15		< 20		< 2	< 10	34	< 10	15	22
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 923 (AQUA REGIA) Meas	1.37		0.061	0.68	3	3	15		< 20		< 2	< 10	34	< 10	15	23
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 923 (AQUA REGIA) Meas	1.42		0.063	0.70	< 2	3	15		< 20		< 2	< 10	34	< 10	15	25
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
Oreas 96 (Aqua Regia) Meas				4.19	6											
Oreas 96 (Aqua Regia) Cert				4.38	4.53											
Oreas 96 (Aqua				4.05	6											

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Regia) Meas																
Oreas 96 (Aqua Regia) Cert				4.38	4.53											
Oreas 96 (Aqua Regia) Meas				4.12	6											
Oreas 96 (Aqua Regia) Cert				4.38	4.53											
Oreas 621 (Aqua	0.40	0.136	0.032	4.12	105	2	17		< 20		2	< 10	12	< 10	6	64
Regia) Meas Oreas	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
621 (Aqua																
Regia) Cert Oreas	0.38	0.138	0.030	4.16	105	2	18		< 20		2	< 10	11	< 10	6	62
621 (Aqua	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
Regia) Meas Oreas	0.41	0.144	0.032	4.35	108	2	19		< 20		6	< 10	11	< 10	6	58
621 (Aqua																
Regia) Cert Oreas	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
621 (Aqua																
Regia) Meas Oreas																
621 (Aqua Regia)																
Cert Oreas E1336																
(Fire																
Assay) Meas Oreas																
E1336 (Fire																
Assay) Cert Oreas																
E1336 (Fire																
Assay) Meas Oreas																
E1336 (Fire																
Assay) Cert Oreas																
E1336 (Fire																
Assay) Meas Oreas																
E1336 (Fire																
Assay) Cert																
OREAS 216b Meas																
OREAS 216b Cert																
OREAS 216b Meas																
OREAS 216b Cert																
OREAS 216b Meas																
OREAS 216b Cert																
748133 Orig																
748133 Dup																
748142 Orig	0.77	0.246	0.045	1.23	< 2	2	33	0.11	< 20	4	< 2	< 10	33	< 10	2	5
748142 Dup	0.78	0.254	0.046	1.24	< 2	2	33	0.11	< 20	4	< 2	< 10	33	< 10	2	6
748147 Orig	1.33	0.095	0.045	1.53	< 2	2	40	0.19	< 20	< 1	< 2	< 10	50	< 10	1	3
748147 Split PREP DUP	1.33	0.095	0.046	1.50	< 2	2	40	0.19	< 20	< 1	< 2	< 10	50	< 10	1	3
748147 Split PREP DUP																
748155 Orig	1.00	0.080	0.044	0.68	< 2	2	28	0.20	< 20	6	< 2	< 10	46	< 10	1	3
748155 Dup	1.02	0.082	0.046	0.71	< 2	2	29	0.20	< 20	6	< 2	< 10	48	< 10	1	3
Method Blank																
Method Blank																
Method Blank																
Method Blank																
Method Blank																
Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr

Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Method Blank	< 0.01	0.007	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.006	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.006	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	< 0.001	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.006	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.007	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1

Quality Analysis ... *Innovative Technologies*

Report No.: **A21-19174**
Report Date: **01-Feb-22**
Date Submitted: **12-Oct-21**
Your Reference:

Wayne Benham
921 Willowdale Ave.
North York Ontario M2M 3C2
ıada

ATTN: Wayne Benham

CERTIFICATE OF ANALYSIS

35 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Dryden	QOP AA-Au (Au Fire Assay AA)	2021-11-03 12:09:41

REPORT **A21-19174**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
264 Government Road, Dryden, Ontario, Canada, P8N 2R3
TELEPHONE +807 223-6168 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Dryden@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Report No.: **A21-19174**
Report Date: **01-Feb-22**
Date Submitted: **12-Oct-21**
Your Reference:

Wayne Benham
921 Willowdale Ave.
North York Ontario M2M 3C2
Canada

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CERTIFICATE OF ANALYSIS

35 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Dryden	QOP AA-Au (Au Fire Assay AA)	2021-11-03 12:09:41

REPORT **A21-19174**

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Report No.: **A21-19174**
Report Date: **01-Feb-22**
Date Submitted: **12-Oct-21**
Your Reference:

Wayne Benham
921 Willowdale Ave.
North York Ontario M2M 3C2
Canada

ATTN: Wayne Benham

CERTIFICATE OF ANALYSIS

35 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1E3-Tbay	QOP AquaGeo (Aqua Regia ICPOES)	2022-01-27 23:13:39

REPORT **A21-19174**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3 Values

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

SCC Accredited LAB Accrédité CCN TM

CERTIFIED BY:

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LabID: 673 E-MAIL Tbay@actlabs.com
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Results Activation Laboratories Ltd. Report: A21-19174

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
748095	< 5	0.6	0.5	17	969	< 1	12	27	237	4.32	< 2	< 10	49	< 0.5	< 2	2.15	12	26	3.25	10	1	0.92	< 10
748096	< 5	0.6	0.9	17	918	< 1	13	22	243	3.42	< 2	< 10	41	< 0.5	< 2	1.83	15	28	3.11	< 10	< 1	0.68	< 10
748097	< 5	0.5	1.1	16	834	< 1	12	16	267	3.22	6	14	46	< 0.5	< 2	1.96	14	25	3.19	< 10	< 1	0.63	< 10
748098	< 5	0.6	0.6	19	868	< 1	13	26	175	4.82	< 2	< 10	51	< 0.5	< 2	2.59	13	29	3.15	10	1	0.88	10
748099	< 5	0.5	0.7	16	887	< 1	12	24	137	5.46	< 2	12	50	0.6	< 2	3.07	14	29	3.16	10	1	0.81	10
748100	< 5	1.3	< 0.5	15	787	< 1	12	20	87	5.05	< 2	< 10	50	< 0.5	< 2	2.97	12	28	3.26	10	1	0.67	11
748101	< 5	0.9	1.9	13	1060	< 1	13	14	411	1.69	3	< 10	37	< 0.5	< 2	0.71	15	32	3.55	< 10	< 1	0.73	< 10
748102	< 5	1.2	0.5	13	931	< 1	13	28	174	2.90	3	< 10	39	< 0.5	< 2	1.51	14	29	3.70	< 10	1	0.78	< 10
748103	< 5	0.3	< 0.5	18	870	< 1	14	< 2	109	2.59	< 2	< 10	161	< 0.5	< 2	0.73	16	39	3.50	< 10	< 1	1.23	12
748104	< 5	0.4	< 0.5	19	1090	< 1	14	2	138	2.86	2	< 10	120	< 0.5	2	0.69	16	40	3.59	< 10	< 1	1.38	10
748105	< 5	0.2	< 0.5	19	925	< 1	14	< 2	135	2.44	< 2	< 10	274	< 0.5	< 2	0.45	15	43	3.56	< 10	< 1	1.43	12
748106	< 5	0.2	< 0.5	18	1020	< 1	13	3	128	2.78	< 2	< 10	227	< 0.5	< 2	0.73	14	38	3.44	< 10	< 1	1.38	12
748107	< 5	0.4	0.9	18	977	< 1	13	27	205	2.82	< 2	< 10	100	< 0.5	< 2	0.69	15	37	3.32	< 10	< 1	1.34	11
748108	< 5	0.3	< 0.5	20	1240	< 1	14	4	136	2.58	< 2	< 10	48	< 0.5	< 2	0.64	16	44	3.47	< 10	< 1	1.32	< 10
748109	< 5	0.4	< 0.5	20	1020	< 1	14	6	131	1.95	< 2	< 10	37	< 0.5	< 2	0.47	18	44	3.25	< 10	< 1	1.06	< 10
748110	< 5	0.4	< 0.5	22	841	< 1	21	< 2	76	1.99	< 2	< 10	28	< 0.5	< 2	0.48	18	66	3.74	< 10	< 1	1.14	< 10
748111	< 5	0.4	< 0.5	16	961	< 1	14	< 2	73	2.16	< 2	< 10	72	< 0.5	< 2	0.44	18	42	3.52	< 10	< 1	1.32	< 10
748112	< 5	0.9	1.5	26	1210	< 1	14	41	506	1.93	< 2	< 10	42	< 0.5	< 2	0.57	15	47	3.37	< 10	< 1	1.00	< 10
748113	< 5	0.9	2.1	33	1060	< 1	12	10	657	1.72	< 2	< 10	41	< 0.5	< 2	0.56	16	37	3.60	< 10	< 1	0.97	< 10
748114	< 5	1.6	0.5	17	802	< 1	13	9	111	1.44	< 2	< 10	42	< 0.5	< 2	0.36	16	38	3.57	< 10	< 1	0.88	< 10
748115	13	2.4	4.5	178	1420	48	26	119	1600	1.48	< 2	< 10	58	0.6	< 2	1.33	20	56	3.37	< 10	< 1	0.55	< 10
748116	15	9.9	9.8	210	6450	< 1	20	97	1740	1.11	< 2	< 10	18	< 0.5	< 2	0.38	27	10	3.89	< 10	< 1	0.18	10
748117	7	9.6	2.7	131	246	< 1	8	63	776	0.42	< 2	< 10	< 10	< 0.5	< 2	0.20	25	6	2.22	< 10	< 1	0.12	< 10
748118	12	23.6	20.3	79	7180	2	20	954	7330	0.88	< 2	< 10	23	< 0.5	< 2	0.42	23	4	2.93	< 10	< 1	0.19	12
748119	14	23.4	15.2	60	7150	2	17	417	4490	0.95	< 2	< 10	19	< 0.5	< 2	0.45	18	3	2.47	< 10	< 1	0.14	13
748120	32	4.5	2.8	136	1160	< 1	33	55	322	1.94	< 2	< 10	50	1.0	< 2	0.44	9	20	4.61	< 10	< 1	0.83	12
748121	7	1.2	4.4	36	1280	1	29	121	1450	5.04	< 2	< 10	114	0.5	< 2	2.63	15	52	3.23	10	2	1.12	18
748122	18	4.2	57.5	61	1310	3	54	234	> 10000	1.66	< 2	< 10	39	< 0.5	< 2	0.73	23	119	3.86	< 10	< 1	0.77	12
748123	8	0.9	2.9	31	1310	< 1	19	149	906	6.08	< 2	< 10	158	0.7	4	2.99	14	55	3.71	10	4	1.41	18
748124	6	0.8	3.0	43	1180	< 1	41	102	981	6.07	< 2	< 10	148	0.7	< 2	3.71	15	95	3.12	10	2	0.95	24
748125	18	1.8	0.6	43	1820	< 1	20	42	518	4.83	4	< 10	128	0.5	< 2	2.49	13	30	4.37	10	2	1.19	12
748126	98	7.0	6.6	411	2320	< 1	25	191	3220	2.77	6	< 10	43	< 0.5	3	0.59	22	36	7.89	< 10	2	1.60	12
748127	218	27.1	48.2	354	2110	2	20	2900	> 10000	2.58	3	< 10	35	< 0.5	< 2	1.76	18	31	4.60	< 10	3	0.57	12
748128	9	3.1	5.9	100	1930	< 1	38	366	1440	4.18	< 2	< 10	51	< 0.5	< 2	3.72	21	95	2.60	< 10	< 1	0.32	12
748129	25	4.0	3.5	115	2000	< 1	38	416	913	4.76	< 2	< 10	84	< 0.5	< 2	3.56	22	95	3.22	< 10	2	0.64	12

Results Activation Laboratories Ltd. Report: A21-19174

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
748095	1.20	0.471	0.054	2.25	3	4	175	0.10	< 20	< 1	< 2	< 10	54	< 10	2	4
748096	1.01	0.342	0.066	2.26	< 2	5	119	0.10	< 20	3	2	< 10	57	< 10	3	4
748097	1.15	0.271	0.055	2.54	2	4	109	0.10	< 20	< 1	< 2	< 10	51	< 10	3	6
748098	1.26	0.424	0.049	2.31	< 2	4	203	0.14	< 20	2	< 2	< 10	59	< 10	2	5

748099	1.17	0.334	0.061	2.20	4	4	220	0.14	< 20	< 1	< 2	< 10	56	< 10	2	4
748100	0.91	0.364	0.050	2.59	< 2	4	217	0.12	< 20	2	< 2	< 10	58	< 10	2	4
748101	1.07	0.124	0.054	2.56	< 2	6	43	0.12	< 20	3	< 2	< 10	66	< 10	3	6
748102	0.99	0.319	0.049	3.25	< 2	6	119	0.11	< 20	2	< 2	< 10	63	< 10	3	6
748103	1.56	0.303	0.054	0.65	< 2	7	76	0.22	< 20	2	< 2	< 10	85	< 10	3	8
748104	1.64	0.277	0.051	0.71	2	8	78	0.24	< 20	3	< 2	< 10	87	< 10	3	8
748105	1.72	0.208	0.051	0.38	< 2	8	56	0.24	< 20	4	< 2	< 10	90	< 10	4	7
748106	1.59	0.298	0.053	0.50	< 2	7	98	0.24	< 20	2	< 2	< 10	83	< 10	4	7
748107	1.62	0.287	0.049	0.76	< 2	8	101	0.23	< 20	2	< 2	< 10	83	< 10	4	7
748108	1.55	0.270	0.054	1.15	< 2	9	87	0.24	< 20	2	< 2	< 10	89	< 10	4	7
748109	1.34	0.198	0.047	1.47	< 2	9	55	0.19	< 20	1	< 2	< 10	87	< 10	3	6
748110	1.48	0.198	0.050	1.98	< 2	10	57	0.21	< 20	3	< 2	< 10	89	< 10	4	6
748111	1.66	0.192	0.053	1.38	< 2	9	39	0.25	< 20	4	< 2	< 10	91	< 10	3	7
748112	1.34	0.218	0.053	1.98	< 2	9	37	0.19	< 20	2	< 2	< 10	86	< 10	4	7
748113	1.45	0.126	0.051	2.22	< 2	8	35	0.18	< 20	4	< 2	< 10	82	< 10	3	5
748114	1.31	0.120	0.050	2.67	< 2	9	38	0.17	< 20	< 1	< 2	< 10	86	< 10	3	4
748115	0.84	0.119	0.053	1.66	< 2	5	86	0.21	< 20	1	< 2	< 10	62	< 10	4	5
748116	0.25	0.046	0.005	1.99	< 2	10	5	0.03	< 20	3	< 2	98	10	< 10	32	10
748117	0.10	0.075	0.002	1.38	< 2	< 1	4	0.02	< 20	3	< 2	57	3	< 10	3	16
748118	0.09	0.028	0.050	2.32	2	1	6	0.02	< 20	< 1	< 2	< 10	11	< 10	1	5
748119	0.06	0.027	0.050	1.75	< 2	1	9	< 0.01	< 20	3	< 2	< 10	13	< 10	1	4
748120	0.71	0.100	0.079	1.80	< 2	2	22	0.13	< 20	3	< 2	< 10	32	< 10	3	5
748121	1.23	0.264	0.069	0.61	< 2	4	93	0.17	< 20	2	< 2	< 10	54	< 10	2	5
748122	1.05	0.139	0.068	2.54	4	6	17	0.12	< 20	2	< 2	< 10	89	< 10	3	10
748123	1.33	0.375	0.060	0.46	< 2	7	140	0.23	< 20	3	< 2	< 10	78	< 10	5	8
748124	1.23	0.260	0.071	0.39	< 2	3	138	0.21	< 20	5	< 2	< 10	54	< 10	3	4
748125	1.16	0.367	0.046	0.64	2	2	134	0.23	< 20	2	< 2	< 10	74	< 10	2	3
748126	1.31	0.174	0.045	2.72	4	4	23	0.26	< 20	2	< 2	< 10	88	< 10	1	5
748127	0.62	0.183	0.048	3.64	10	3	79	0.16	< 20	2	< 2	< 10	55	< 10	2	5
748128	1.04	0.276	0.068	0.49	< 2	6	209	0.18	< 20	< 1	< 2	< 10	64	< 10	4	3
748129	1.25	0.236	0.062	0.87	< 2	6	198	0.20	< 20	< 1	< 2	< 10	72	< 10	3	3

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-6 Meas		0.4	< 0.5	70	1100	1	24	94	126	7.03	238	< 10	737	0.8	2	0.12	12	79	5.67	10	< 1	0.98	< 10
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
GXR-6 Meas		0.4	< 0.5	71	1110	1	25	96	126	7.16	245	< 10	772	0.8	< 2	0.12	12	79	5.82	10	2	1.00	< 10
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
GXR-6 Meas		0.4	< 0.5	72	1120	1	25	98	128	7.23	245	< 10	767	0.8	2	0.12	12	80	5.87	10	2	1.01	< 10
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
OREAS 98 (Aqua Regia) Meas		41.7		> 10000				255	1210						57		106						
OREAS 98 (Aqua		42.8		147000				343	1300						93		111						
		42.9						253	1190						44		110						

Regia) Cert OREAS 98 (Aqua Regia) Meas		42.8		> 10000				343	1300						93		111						
		43.0		147000				257	1200						57		111						
OREAS 98 (Aqua Regia) Cert OREAS 98 (Aqua Regia) Meas OREAS 98 (Aqua Regia) Cert		42.8		> 10000 147000				343	1300						93		111						
OREAS 922 (AQUA REGIA) Meas		1.0	< 0.5	2160	785	< 1	33	63	262	2.78	5		74	0.7	8	0.38	18	43	4.95	< 10		0.38	34
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 922 (AQUA REGIA) Meas		0.9	< 0.5	2170	799	< 1	35	63	260	2.81	8		75	0.7	7	0.38	19	46	5.00	< 10		0.38	34
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 922 (AQUA REGIA) Meas		0.9	< 0.5	2190	806	< 1	34	59	269	2.82	5		75	0.7	9	0.39	19	44	5.08	< 10		0.38	34
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 923 (AQUA REGIA) Meas		1.7	< 0.5	4300	899	< 1	32	79	340	2.81	6		63	0.6	21	0.38	21	41	5.75	< 10		0.32	31
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 923 (AQUA REGIA) Meas		1.8	< 0.5	4440	899	< 1	32	84	345	2.83	7		62	0.6	21	0.38	20	40	5.80	< 10		0.33	31
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 923 (AQUA REGIA) Meas		1.6	< 0.5	4310	916	< 1	33	80	348	2.85	6		63	0.6	20	0.39	21	41	5.89	< 10		0.33	32
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
Oreas 96 (Aqua Regia) Meas		11.4		> 10000				88	423						59		47						
Oreas 96 (Aqua Regia) Cert		11.50		39100.00				100	448						27.9		49.2						
Oreas 621 (Aqua		68.8	284	3550	556	13	24	> 5000	> 10000	1.71	76			0.5	8	1.62	32	30	3.27	< 10	4	0.31	19

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Regia) Meas																			
Oreas 621 (Aqua		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43
Regia) Cert Oreas		68.0	278	3500	548	13	24	> 5000 > 10000		1.65	76			0.5	6	1.62	32	30	3.20
621 (Aqua																			
Regia) Meas Oreas		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43
621 (Aqua		68.5	279	3480	553	14	26	> 5000 > 10000		1.66	77			0.5	8	1.64	31	32	3.20
Regia) Cert Oreas		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43
621 (Aqua																			
Regia) Meas Oreas				356	175	< 1	228	8	26	6.98			145	0.9	2	0.07	36	347	14.5
621 (Aqua Regia)				336	150	1.19	192	12.4	22.2	4.81			158	0.980	0.170	0.0750	39.2	341	13.7
Cert OREAS 45f																			
(Aqua	506																		
Regia) Meas																			
OREAS 45f (Aqua	510.000																		
Regia) Cert Oreas	514																		
E1336 (Fire																			
Assay) Meas Oreas	510.000																		
E1336 (Fire	512																		
Assay) Cert Oreas																			
E1336 (Fire	510.000																		
Assay) Meas Oreas	514																		
E1336 (Fire																			
Assay) Cert Oreas																			
E1336 (Fire																			
Assay) Meas Oreas																			
E1336 (Fire																			
Assay) Cert Oreas	510.000																		
E1336 (Fire	> 5000																		
Assay) Meas Oreas																			
E1336 (Fire																			
Assay) Cert																			
OREAS 216b Meas																			
OREAS 216b Cert	6660																		
748105 Orig	< 5																		
748105 Dup	< 5																		
748107 Orig		0.4	0.8	18	967	< 1	12	27	203	2.78	< 2	< 10	100	< 0.5	< 2	0.68	14	36	3.26
748107 Dup		0.4	0.9	19	987	< 1	13	27	207	2.85	< 2	< 10	100	< 0.5	< 2	0.71	15	37	3.38
748112 Orig	< 5	0.9	1.5	26	1210	< 1	14	41	506	1.93	< 2	< 10	42	< 0.5	< 2	0.57	15	47	3.37
748112 Split PREP DUP	< 5	0.8	0.9	24	1230	< 1	15	41	303	1.91	2	< 10	47	< 0.5	< 2	0.52	17	46	3.48
748113 Orig	< 5																		
748113 Dup	< 5																		
748120 Orig		4.3	2.7	134	1150	< 1	33	55	320	1.93	< 2	< 10	49	1.0	< 2	0.44	10	20	4.57
748120 Dup		4.7	2.8	138	1160	< 1	34	56	323	1.94	< 2	< 10	50	1.0	< 2	0.44	9	21	4.64
748122 Orig	17																		
748122 Dup	19																		
Method Blank	< 5																		
Method Blank	< 5																		
Method Blank	< 5																		

Method Blank	< 5																		
Method Blank	< 5																		
Method Blank	< 5																		
Method Blank	< 5																		
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-6 Meas	0.39	0.102	0.033	0.01	3	18	27		< 20	< 1	< 2	< 10	162	< 10	4	10
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110
GXR-6 Meas	0.40	0.102	0.034	0.01	4	19	28		< 20	< 1	< 2	< 10	164	< 10	4	11
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110
GXR-6 Meas	0.40	0.102	0.035	0.01	4	19	29		< 20	< 1	< 2	< 10	168	< 10	4	11
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110
OREAS 98 (Aqua Regia) Meas					17											
OREAS 98 (Aqua Regia) Cert					15											
OREAS 98 (Aqua Regia) Meas					18											
OREAS 98 (Aqua Regia) Cert					15											
OREAS 98 (Aqua Regia) Meas					18											
OREAS 98 (Aqua Regia) Cert					15											
OREAS 922 (AQUA REGIA) Meas	1.33	0.024	0.060	0.36	2	3	16		< 20		2	< 10	32	< 10	16	14
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 922 (AQUA REGIA) Meas	1.35	0.026	0.062	0.36	< 2	4	16		< 20		< 2	< 10	33	< 10	16	17
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 922 (AQUA REGIA) Meas	1.34	0.025	0.062	0.36	< 2	4	17		< 20		< 2	< 10	33	< 10	16	17
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 923 (AQUA REGIA) Meas	1.40		0.058	0.66	3	3	15		< 20		< 2	< 10	32	< 10	14	23
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 923 (AQUA REGIA) Meas	1.40		0.059	0.67	2	3	15		< 20		3	< 10	32	< 10	14	26
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 923 (AQUA REGIA) Meas	1.42		0.060	0.66	3	3	15		< 20		< 2	< 10	32	< 10	15	26
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
Oreas 96 (Aqua Regia) Meas				3.74	5											
Oreas 96 (Aqua Regia) Cert				4.38	4.53											
Oreas 621 (Aqua	0.44	0.157	0.033	4.49	108	2	19		< 20		< 2	< 10	12	< 10	6	67

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Regia) Meas Oreas 621 (Aqua Regia) Cert Oreas 621 (Aqua Regia) Meas Oreas 621 (Aqua Regia) Cert Oreas 621 (Aqua Regia) Meas Oreas 621 (Aqua Regia) Cert OREAS 45f (Aqua Regia) Meas OREAS 45f (Aqua Regia) Cert Oreas E1336 (Fire Assay) Meas Oreas E1336 (Fire Assay) Cert Oreas E1336 (Fire Assay) Meas Oreas E1336 (Fire Assay) Cert Oreas E1336 (Fire Assay) Meas Oreas E1336 (Fire Assay) Cert Oreas E1336 (Fire Assay) Meas Oreas E1336 (Fire Assay) Cert	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
	0.43	0.154	0.033	4.52	114	2	20		< 20		< 2	< 10	12	< 10	6	65
	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
	0.43	0.156	0.033	4.56	112	2	20		< 20		3	< 10	11	< 10	6	65
	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
	0.18	0.043	0.020	0.02		26	14	0.12	< 20		< 2	< 10	199		4	21
	0.152	0.0320	0.0220	0.0270		31.4	13.2	0.0970	7.67		0.120	1.09	217		6.74	30.0
OREAS 216b Meas																
OREAS 216b Cert																
748105 Orig																
748105 Dup																
748107 Orig	1.60	0.280	0.048	0.75	< 2	7	99	0.23	< 20	2	< 2	< 10	83	< 10	3	7
748107 Dup	1.64	0.293	0.050	0.77	< 2	8	102	0.23	< 20	1	< 2	< 10	84	< 10	4	7
748112 Orig	1.34	0.218	0.053	1.98	< 2	9	37	0.19	< 20	2	< 2	< 10	86	< 10	4	7
748112 Split PREP DUP	1.38	0.203	0.053	2.03	< 2	9	34	0.20	< 20	1	< 2	< 10	89	< 10	4	7
748113 Orig																
748113 Dup																
748120 Orig	0.70	0.099	0.079	1.79	< 2	2	23	0.13	< 20	2	< 2	< 10	32	< 10	3	5
748120 Dup	0.71	0.101	0.080	1.80	< 2	2	22	0.13	< 20	3	< 2	< 10	33	< 10	3	5
748122 Orig																
748122 Dup																
Method Blank																
Method Blank																
Method Blank																
Method Blank																
Method Blank																
Method Blank																
Method Blank																
Method Blank	< 0.01	0.006	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Method Blank	< 0.01	0.007	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.006	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.005	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.007	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.007	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1

Quality Analysis ... *Innovative Technologies*

Report No.: **A21-19176**
Report Date: **01-Feb-22**
Date Submitted: **12-Oct-21**
Your Reference:

Wayne Benham
921 Willowdale Ave.
North York Ontario M2M 3C2
ıada

ATTN: Wayne Benham

CERTIFICATE OF ANALYSIS

35 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Dryden	QOP AA-Au (Au Fire Assay AA)	2021-11-03 12:09:41

REPORT **A21-19176**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
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Report No.: **A21-19176**
Report Date: **01-Feb-22**
Date Submitted: **12-Oct-21**
Your Reference:

Wayne Benham
921 Willowdale Ave.
North York Ontario M2M 3C2
Canada

ATTN: Wayne Benham

CERTIFICATE OF ANALYSIS

35 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Dryden	QOP AA-Au (Au Fire Assay AA)	2021-11-03 12:09:41

REPORT **A21-19176**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3 Values

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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Wayne Benham
921 Willowdale Ave.
North York Ontario M2M 3C2
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ATTN: Wayne Benham

CERTIFICATE OF ANALYSIS

35 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1E3-Tbay	QOP AquaGeo (Aqua Regia ICPOES)	2022-01-27 23:13:39

REPORT **A21-19176**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3 Values

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

SCC Accredited LAB Accrédité CCN

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator
ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
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LabID: 673 E-MAIL Tbay@actlabs.com
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Results — Activation Laboratories Ltd. — Report: A21-19176

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
748060	17	0.5	< 0.5	26	796	< 1	18	9	89	1.57	< 2	< 10	102	< 0.5	< 2	1.01	9	28	2.43	< 10	< 1	0.69	23
748061	30	0.4	< 0.5	45	963	< 1	31	7	81	2.07	< 2	< 10	114	< 0.5	< 2	0.97	14	35	3.40	< 10	< 1	0.99	23
748062	45	0.4	< 0.5	26	709	< 1	22	8	82	1.25	3	< 10	90	< 0.5	< 2	0.83	11	35	1.94	< 10	< 1	0.72	28
748063	50	0.8	< 0.5	65	622	< 1	22	4	76	1.49	< 2	< 10	74	< 0.5	< 2	0.85	26	39	2.72	< 10	< 1	0.89	30
748064	25	1.0	< 0.5	26	546	< 1	25	3	91	1.64	< 2	< 10	95	< 0.5	< 2	0.75	24	41	2.78	< 10	< 1	1.00	26
748065	27	0.7	< 0.5	130	417	1	44	4	88	1.75	3	< 10	129	< 0.5	< 2	0.81	36	42	3.09	< 10	< 1	1.02	27
748066	20	0.4	< 0.5	5	481	< 1	34	< 2	71	1.91	< 2	< 10	68	< 0.5	< 2	0.81	20	61	3.81	< 10	< 1	1.13	29
748067	33	0.5	< 0.5	7	573	< 1	29	7	82	1.79	< 2	< 10	42	< 0.5	< 2	0.74	24	56	3.91	< 10	< 1	0.89	27
748068	26	0.5	< 0.5	12	1090	< 1	24	12	149	1.60	< 2	< 10	38	< 0.5	< 2	0.59	27	35	3.84	< 10	< 1	0.94	21
748069	27	0.4	< 0.5	11	571	< 1	23	7	77	1.44	< 2	< 10	60	< 0.5	< 2	0.53	10	35	2.58	< 10	< 1	0.62	32
748070	28	0.7	< 0.5	13	483	< 1	21	6	116	1.24	< 2	< 10	39	< 0.5	< 2	0.24	30	36	3.42	< 10	< 1	0.72	14
748071	44	0.8	1.2	12	862	4	23	64	371	1.39	< 2	< 10	46	< 0.5	< 2	0.61	18	34	2.42	< 10	< 1	0.64	17
748072	51	0.7	< 0.5	9	955	< 1	29	9	141	1.72	2	< 10	50	< 0.5	< 2	0.30	15	37	2.41	< 10	< 1	0.86	17
748073	18	0.7	< 0.5	6	565	< 1	26	9	91	1.23	< 2	< 10	39	< 0.5	3	0.37	21	38	2.67	< 10	< 1	0.39	13
748074	9	0.9	< 0.5	17	621	1	24	12	121	1.39	< 2	< 10	47	< 0.5	< 2	0.53	18	35	2.36	< 10	< 1	0.79	14
748075	7	0.7	< 0.5	26	397	< 1	26	9	83	1.22	< 2	< 10	60	< 0.5	< 2	0.45	16	45	2.03	< 10	< 1	0.66	22
748076	8	0.3	< 0.5	21	381	< 1	27	4	86	1.26	< 2	< 10	64	< 0.5	< 2	0.39	18	38	2.43	< 10	< 1	0.83	19
748077	< 5	0.8	< 0.5	10	986	< 1	19	9	135	1.70	< 2	< 10	233	< 0.5	< 2	0.82	14	39	2.85	< 10	< 1	0.78	16
748078	< 5	0.9	< 0.5	42	1220	< 1	22	19	165	1.82	< 2	< 10	249	< 0.5	< 2	0.85	15	38	2.92	< 10	< 1	0.84	16
748079	5	1.0	1.0	63	1280	< 1	26	120	313	3.79	< 2	11	81	< 0.5	< 2	1.68	19	47	3.73	< 10	2	1.23	14
748080	13	2.7	3.5	159	1750	< 1	33	582	954	6.30	2	22	43	0.6	4	3.20	22	82	4.95	10	2	1.41	14
748081	10	3.1	6.9	97	1740	2	32	626	1700	4.64	3	14	24	< 0.5	< 2	2.02	19	62	5.03	10	2	1.51	14
748082	16	5.7	15.3	169	1830	1	29	1690	3890	4.25	< 2	12	25	< 0.5	2	1.32	22	73	5.27	10	1	1.79	10
748083	< 5	0.8	2.7	55	1630	2	28	66	859	6.02	< 2	11	45	< 0.5	< 2	2.77	17	51	4.34	10	2	1.62	13
748084	< 5	0.6	0.6	49	1340	< 1	31	21	281	2.88	3	< 10	38	< 0.5	< 2	1.03	19	53	3.87	< 10	2	1.14	14
748085	< 5	0.6	< 0.5	44	1110	< 1	21	10	222	2.26	4	< 10	73	< 0.5	< 2	1.43	21	64	3.46	< 10	< 1	0.60	13
748086	< 5	0.8	1.1	15	650	< 1	11	13	261	1.49	< 2	< 10	36	< 0.5	< 2	0.70	15	28	3.10	< 10	< 1	0.59	< 10
748087	< 5	0.9	< 0.5	17	593	< 1	11	16	162	2.15	2	16	35	< 0.5	< 2	0.90	13	21	3.00	< 10	< 1	0.54	< 10
748088	< 5	1.1	1.7	16	599	< 1	11	20	437	2.29	< 2	20	33	< 0.5	< 2	1.07	15	17	3.27	< 10	< 1	0.42	< 10
748089	< 5	1.1	1.7	20	866	< 1	13	37	471	3.20	< 2	< 10	42	< 0.5	< 2	1.51	14	30	3.26	< 10	< 1	0.71	< 10
748090	< 5	0.6	1.8	15	574	< 1	11	19	474	1.87	3	< 10	37	< 0.5	< 2	1.18	14	16	2.95	< 10	< 1	0.32	< 10
748091	5	0.8	1.7	19	627	< 1	12	21	443	2.74	< 2	15	37	< 0.5	< 2	1.39	16	16	3.38	< 10	< 1	0.41	< 10
748092	8	1.1	0.7	18	653	< 1	12	23	189	3.19	< 2	27	41	< 0.5	< 2	1.71	14	20	3.21	< 10	< 1	0.43	< 10
748093	< 5	0.6	1.3	19	795	< 1	12	36	407	4.57	< 2	12	34	< 0.5	< 2	2.48	14	23	3.37	10	3	0.59	< 10
748094	5	1.1	1.4	19	886	< 1	12	101	403	4.49	< 2	23	41	< 0.5	< 2	2.28	13	26	3.28	10	2	0.65	< 10

Results — Activation Laboratories Ltd. — Report: A21-19176

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
748060	0.81	0.141	0.060	0.61	< 2	3	57	0.18	< 20	3	< 2	< 10	40	< 10	4	10
748061	1.10	0.185	0.061	0.56	< 2	4	86	0.21	< 20	4	< 2	< 10	53	< 10	3	13
748062	0.67	0.113	0.075	0.35	< 2	4	30	0.20	< 20	3	< 2	< 10	48	< 10	4	13
748063	0.89	0.112	0.084	1.05	< 2	5	35	0.22	< 20	3	< 2	< 10	52	< 10	5	13

748064	1.03	0.116	0.071	0.73	< 2	6	34	0.20	< 20	4	< 2	< 10	55	< 10	5	15
748065	1.04	0.127	0.080	0.64	< 2	5	45	0.21	< 20	3	< 2	< 10	57	< 10	4	14
748066	1.33	0.136	0.088	1.47	< 2	8	38	0.23	< 20	2	< 2	< 10	72	< 10	4	19
748067	1.34	0.126	0.084	2.02	< 2	6	35	0.20	< 20	2	< 2	< 10	61	< 10	4	19
748068	1.11	0.142	0.072	2.99	< 2	6	29	0.18	< 20	2	< 2	< 10	56	< 10	3	20
748069	1.12	0.089	0.082	1.27	< 2	7	29	0.18	< 20	5	< 2	< 10	61	< 10	5	15
748070	1.04	0.083	0.057	2.61	< 2	7	18	0.11	< 20	3	< 2	< 10	55	< 10	2	10
748071	1.08	0.069	0.070	1.72	< 2	5	29	0.10	< 20	3	< 2	< 10	44	< 10	4	17
748072	1.45	0.078	0.064	1.55	< 2	6	21	0.10	< 20	2	< 2	< 10	53	< 10	3	17
748073	1.21	0.066	0.069	2.26	< 2	5	42	0.08	< 20	2	< 2	< 10	43	< 10	3	16
748074	1.30	0.070	0.107	1.78	< 2	5	21	0.08	< 20	1	< 2	< 10	46	< 10	3	15
748075	1.08	0.091	0.078	1.20	< 2	6	26	0.11	< 20	3	< 2	< 10	54	< 10	4	18
748076	1.25	0.084	0.068	1.60	< 2	6	17	0.14	< 20	2	< 2	< 10	57	< 10	4	17
748077	1.30	0.182	0.055	0.10	< 2	5	57	0.19	< 20	2	< 2	< 10	73	< 10	4	12
748078	1.36	0.174	0.061	0.39	< 2	6	42	0.21	< 20	3	< 2	< 10	72	< 10	4	11
748079	1.62	0.312	0.065	0.90	< 2	5	135	0.26	< 20	3	< 2	< 10	89	< 10	4	7
748080	2.14	0.249	0.083	1.62	< 2	7	172	0.28	< 20	2	< 2	< 10	116	< 10	4	5
748081	2.01	0.243	0.071	2.19	3	10	77	0.26	< 20	3	< 2	< 10	113	< 10	4	9
748082	2.35	0.247	0.067	2.48	4	14	50	0.28	< 20	5	< 2	< 10	131	< 10	4	11
748083	2.13	0.326	0.064	1.07	2	5	214	0.26	< 20	3	< 2	< 10	93	< 10	2	5
748084	1.82	0.282	0.064	1.27	< 2	7	78	0.26	< 20	2	< 2	< 10	88	< 10	4	10
748085	1.44	0.255	0.058	1.00	< 2	7	90	0.17	< 20	1	< 2	< 10	80	< 10	3	7
748086	0.94	0.132	0.052	2.87	< 2	6	37	0.10	< 20	3	< 2	< 10	60	< 10	3	9
748087	0.96	0.197	0.046	2.91	< 2	4	73	0.06	< 20	3	< 2	< 10	38	< 10	2	8
748088	0.79	0.244	0.053	3.13	< 2	3	84	0.03	< 20	1	2	< 10	35	< 10	3	8
748089	1.19	0.367	0.051	2.55	< 2	6	125	0.10	< 20	4	< 2	< 10	68	< 10	2	7
748090	0.64	0.217	0.050	2.74	< 2	3	75	0.03	< 20	< 1	< 2	< 10	31	< 10	2	5
748091	0.91	0.223	0.057	3.18	< 2	3	99	0.04	< 20	< 1	< 2	< 10	32	< 10	2	6
748092	1.11	0.226	0.059	2.78	< 2	4	107	0.04	< 20	< 1	< 2	< 10	44	< 10	3	5
748093	1.04	0.442	0.055	2.77	< 2	4	191	0.06	< 20	< 1	< 2	< 10	48	< 10	2	4
748094	1.28	0.371	0.053	2.39	< 2	4	158	0.07	< 20	2	< 2	< 10	54	< 10	2	4

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-6 Meas		0.4	< 0.5	70	1100	1	24	94	126	7.03	238	< 10	737	0.8	2	0.12	12	79	5.67	10	< 1	0.98	< 10
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
GXR-6 Meas		0.4	< 0.5	71	1110	1	25	96	126	7.16	245	< 10	772	0.8	< 2	0.12	12	79	5.82	10	2	1.00	< 10
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
GXR-6 Meas		0.4	< 0.5	72	1120	1	25	98	128	7.23	245	< 10	767	0.8	2	0.12	12	80	5.87	10	2	1.01	< 10
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
OREAS 98 (Aqua Regia) Meas		41.7		> 10000				255	1210						57		106						
OREAS 98 (Aqua		42.8		147000				343	1300						93		111						
		42.9						253	1190						44		110						

Regia) Cert OREAS 98 (Aqua Regia) Meas		42.8		> 10000				343	1300						93		111						
		43.0		147000				257	1200						57		111						
OREAS 98 (Aqua Regia) Cert OREAS 98 (Aqua Regia) Meas OREAS 98 (Aqua Regia) Cert		42.8		> 10000 147000				343	1300						93		111						
OREAS 922 (AQUA REGIA) Meas		1.0	< 0.5	2160	785	< 1	33	63	262	2.78	5		74	0.7	8	0.38	18	43	4.95	< 10		0.38	34
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 922 (AQUA REGIA) Meas		0.9	< 0.5	2170	799	< 1	35	63	260	2.81	8		75	0.7	7	0.38	19	46	5.00	< 10		0.38	34
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 922 (AQUA REGIA) Meas		0.9	< 0.5	2190	806	< 1	34	59	269	2.82	5		75	0.7	9	0.39	19	44	5.08	< 10		0.38	34
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 923 (AQUA REGIA) Meas		1.7	< 0.5	4300	899	< 1	32	79	340	2.81	6		63	0.6	21	0.38	21	41	5.75	< 10		0.32	31
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 923 (AQUA REGIA) Meas		1.8	< 0.5	4440	899	< 1	32	84	345	2.83	7		62	0.6	21	0.38	20	40	5.80	< 10		0.33	31
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 923 (AQUA REGIA) Meas		1.6	< 0.5	4310	916	< 1	33	80	348	2.85	6		63	0.6	20	0.39	21	41	5.89	< 10		0.33	32
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
Oreas 96 (Aqua Regia) Meas		11.4		> 10000				88	423						59		47						
Oreas 96 (Aqua Regia) Cert		11.50		39100.00				100	448						27.9		49.2						
Oreas 621 (Aqua		68.8	284	3550	556	13	24	> 5000	> 10000	1.71	76			0.5	8	1.62	32	30	3.27	< 10	4	0.31	19

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Regia) Meas																			
Oreas 621 (Aqua		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43
Regia) Cert Oreas		68.0	278	3500	548	13	24	> 5000 > 10000		1.65	76			0.5	6	1.62	32	30	3.20
621 (Aqua																			
Regia) Meas Oreas		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43
621 (Aqua		68.5	279	3480	553	14	26	> 5000 > 10000		1.66	77			0.5	8	1.64	31	32	3.20
Regia) Cert Oreas		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43
621 (Aqua																			
Regia) Meas Oreas				356	175	< 1	228	8	26	6.98			145	0.9	2	0.07	36	347	14.5
621 (Aqua Regia)				336	150	1.19	192	12.4	22.2	4.81			158	0.980	0.170	0.0750	39.2	341	13.7
Cert OREAS 45f																			
(Aqua	506																		
Regia) Meas																			
OREAS 45f (Aqua	510.000																		
Regia) Cert Oreas	514																		
E1336 (Fire																			
Assay) Meas Oreas	510.000																		
E1336 (Fire	512																		
Assay) Cert Oreas																			
E1336 (Fire	510.000																		
Assay) Meas Oreas	514																		
E1336 (Fire																			
Assay) Cert Oreas																			
E1336 (Fire																			
Assay) Meas Oreas																			
E1336 (Fire																			
Assay) Cert Oreas	510.000																		
E1336 (Fire	> 5000																		
Assay) Meas Oreas																			
E1336 (Fire																			
Assay) Cert																			
OREAS 216b Meas																			
OREAS 216b Cert	6660																		
748063 Orig		0.8	< 0.5	65	621	< 1	22	4	77	1.49	< 2	< 10	75	< 0.5	< 2	0.85	27	39	2.71
748063 Dup		0.8	< 0.5	64	623	< 1	21	4	76	1.49	2	< 10	74	< 0.5	< 2	0.85	26	39	2.74
748069 Orig	26																		
748069 Dup	28																		
748077 Orig	< 5	0.8	< 0.5	10	986	< 1	19	9	135	1.70	< 2	< 10	233	< 0.5	< 2	0.82	14	39	2.85
748077 Split PREP DUP	< 5	0.9	< 0.5	10	991	< 1	20	9	135	1.68	< 2	< 10	233	< 0.5	< 2	0.83	15	39	2.86
748077 Split PREP DUP	< 5																		
748078 Orig		0.9	< 0.5	42	1220	< 1	22	20	164	1.81	< 2	< 10	245	< 0.5	< 2	0.85	15	37	2.90
748078 Dup		0.8	0.5	42	1230	< 1	22	19	165	1.84	3	< 10	253	< 0.5	< 2	0.85	16	39	2.94
748086 Orig	5																		
748086 Dup	< 5																		
Method Blank	< 5																		
Method Blank	< 5																		
Method Blank	< 5																		
Method Blank	< 5																		

Method Blank	< 5																	
Method Blank	< 5																	
Method Blank	< 5																	
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-6 Meas	0.39	0.102	0.033	0.01	3	18	27		< 20	< 1	< 2	< 10	162	< 10	4	10
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110
GXR-6 Meas	0.40	0.102	0.034	0.01	4	19	28		< 20	< 1	< 2	< 10	164	< 10	4	11
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110
GXR-6 Meas	0.40	0.102	0.035	0.01	4	19	29		< 20	< 1	< 2	< 10	168	< 10	4	11
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110
OREAS 98 (Aqua Regia) Meas					17											
OREAS 98 (Aqua Regia) Cert					15											
OREAS 98 (Aqua Regia) Meas					18											
OREAS 98 (Aqua Regia) Cert					15											
OREAS 98 (Aqua Regia) Meas					18											
OREAS 98 (Aqua Regia) Cert					15											
OREAS 922 (AQUA REGIA) Meas	1.33	0.024	0.060	0.36	2	3	16		< 20		2	< 10	32	< 10	16	14
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 922 (AQUA REGIA) Meas	1.35	0.026	0.062	0.36	< 2	4	16		< 20		< 2	< 10	33	< 10	16	17
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 922 (AQUA REGIA) Meas	1.34	0.025	0.062	0.36	< 2	4	17		< 20		< 2	< 10	33	< 10	16	17
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 923 (AQUA REGIA) Meas	1.40		0.058	0.66	3	3	15		< 20		< 2	< 10	32	< 10	14	23
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 923 (AQUA REGIA) Meas	1.40		0.059	0.67	2	3	15		< 20		3	< 10	32	< 10	14	26
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 923 (AQUA REGIA) Meas	1.42		0.060	0.66	3	3	15		< 20		< 2	< 10	32	< 10	15	26
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
Oreas 96 (Aqua Regia) Meas				3.74	5											
Oreas 96 (Aqua Regia) Cert				4.38	4.53											
Oreas 621 (Aqua	0.44	0.157	0.033	4.49	108	2	19		< 20		< 2	< 10	12	< 10	6	67

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Regia) Meas																
Oreas 621 (Aqua	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
Regia) Cert Oreas 621 (Aqua	0.43	0.154	0.033	4.52	114	2	20		< 20		< 2	< 10	12	< 10	6	65
Regia) Meas Oreas	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
621 (Aqua	0.43	0.156	0.033	4.56	112	2	20		< 20		3	< 10	11	< 10	6	65
Regia) Cert Oreas 621 (Aqua	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
Regia) Meas Oreas	0.18	0.043	0.020	0.02		26	14	0.12	< 20		< 2	< 10	199		4	21
621 (Aqua Regia) Cert OREAS 45f	0.152	0.0320	0.0220	0.0270		31.4	13.2	0.0970	7.67		0.120	1.09	217		6.74	30.0
(Aqua																
Regia) Meas OREAS 45f (Aqua																
Regia) Cert Oreas																
E1336 (Fire Assay) Meas Oreas																
E1336 (Fire																
Assay) Cert Oreas E1336 (Fire																
Assay) Meas Oreas																
E1336 (Fire Assay) Cert Oreas E1336 (Fire Assay) Meas Oreas E1336 (Fire Assay) Cert Oreas E1336 (Fire Assay) Meas Oreas E1336 (Fire Assay) Cert																
OREAS 216b Meas																
OREAS 216b Cert																
748063 Orig	0.89	0.112	0.084	1.05	< 2	5	35	0.22	< 20	2	< 2	< 10	52	< 10	5	14
748063 Dup	0.89	0.111	0.084	1.05	< 2	5	35	0.21	< 20	4	< 2	< 10	52	< 10	5	13
748069 Orig																
748069 Dup																
748077 Orig	1.30	0.182	0.055	0.10	< 2	5	57	0.19	< 20	2	< 2	< 10	73	< 10	4	12
748077 Split PREP DUP	1.31	0.170	0.056	0.09	< 2	5	54	0.19	< 20	5	< 2	< 10	74	< 10	4	12
748077 Split PREP DUP																
748078 Orig	1.36	0.172	0.061	0.39	< 2	6	42	0.21	< 20	3	< 2	< 10	72	< 10	4	11
748078 Dup	1.36	0.175	0.062	0.39	< 2	6	42	0.22	< 20	2	< 2	< 10	73	< 10	4	11
748086 Orig																
748086 Dup																
Method Blank																
Method Blank																
Method Blank																
Method Blank																
Method Blank																
Method Blank																
Method Blank																
Method Blank	< 0.01	0.006	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.007		< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1

			< 0.001													
Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Method Blank	< 0.01	0.006	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.005	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.007	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.007	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1

Quality Analysis ... *Innovative Technologies*

Report No.: **A21-19182**
Report Date: **01-Feb-22**
Date Submitted: **12-Oct-21**
Your Reference:

Wayne Benham
921 Willowdale Ave.
North York Ontario M2M 3C2
nada

ATTN: Wayne Benham

CERTIFICATE OF ANALYSIS

35 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1E3-Tbay	QOP AquaGeo (Aqua Regia ICPOES)	2022-01-27 23:13:39

REPORT **A21-19182**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

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

SCC Accredited LAB Accrédité CCN TM

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
TELEPHONE +807 622-6707 or +1.888.228.5227 FAX +1.905.648.9613
LabID: 673 E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Quality Analysis ... *Innovative Technologies*

Report No.: **A21-19182**
Report Date: **01-Feb-22**
Date Submitted: **12-Oct-21**
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North York Ontario M2M 3C2
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ATTN: Wayne Benham

CERTIFICATE OF ANALYSIS

35 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1E3-Tbay	QOP AquaGeo (Aqua Regia ICPOES)	2022-01-27 23:13:39

REPORT **A21-19182**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3 Values

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

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Report No.: A21-19182
Report Date: 01-Feb-22
Date Submitted: 12-Oct-21
Your Reference:

Wayne Benham
921 Willowdale Ave.
North York Ontario M2M 3C2
Canada

ATTN: Wayne Benham

CERTIFICATE OF ANALYSIS

35 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Dryden	QOP AA-Au (Au Fire Assay AA)	2021-11-03 12:09:41

REPORT **A21-19182**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3 Values

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator
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264 Government Road, Dryden, Ontario, Canada, P8N 2R3
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E-MAIL Dryden@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Results — Activation Laboratories Ltd. — Report: A21-19182

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
748025	118	8.5	1.4	1170	1110	< 1	11	20	164	2.79	< 2	18	27	0.7	3	0.32	5	10	5.17	< 10	3	1.12	12
748026	113	12.6	3.8	1590	1550	< 1	22	13	251	3.26	< 2	14	31	< 0.5	14	0.12	9	25	7.42	10	3	1.35	< 10
748027	65	7.3	1.8	860	2080	< 1	47	10	224	3.44	< 2	13	60	0.6	4	0.18	11	57	6.73	< 10	< 1	1.35	< 10
748028	76	13.0	2.8	1240	1840	< 1	23	12	250	3.15	2	< 10	33	< 0.5	15	0.06	10	29	8.81	< 10	2	1.48	< 10
748029	48	16.7	2.1	1190	1360	< 1	30	9	187	3.06	< 2	18	36	< 0.5	25	0.10	9	34	7.21	< 10	< 1	1.21	< 10
748030	34	6.6	4.2	439	2170	< 1	74	19	258	4.12	< 2	< 10	56	0.7	4	0.56	13	100	7.65	< 10	3	1.71	< 10
748031	147	2.6	3.0	95	1750	< 1	74	30	450	5.21	< 2	< 10	97	< 0.5	< 2	1.52	17	117	5.06	10	3	1.69	< 10
748032	34	3.0	2.3	110	2150	< 1	76	28	476	4.98	< 2	< 10	77	0.5	3	0.91	13	121	7.05	10	2	1.86	< 10
748033	12	1.6	4.5	71	2230	< 1	55	47	1710	5.26	< 2	< 10	243	< 0.5	< 2	1.68	13	105	4.52	10	1	1.88	11
748034	8	2.1	3.2	28	1990	< 1	42	100	1330	5.79	< 2	< 10	116	0.7	2	2.50	12	80	3.69	10	2	1.44	12
748035	24	5.0	12.5	68	2510	< 1	56	88	4420	3.78	< 2	< 10	70	< 0.5	< 2	1.52	19	115	3.53	< 10	2	1.13	14
748036	174	15.1	35.0	203	3610	< 1	56	148	> 10000	2.11	< 2	< 10	50	< 0.5	< 2	0.88	16	107	3.26	< 10	< 1	0.45	22
748037	156	2.9	33.6	57	2480	< 1	39	96	9850	4.49	< 2	< 10	86	< 0.5	< 2	1.84	15	81	3.75	10	< 1	1.35	15
748038	7	0.9	5.1	14	2230	< 1	33	85	1500	6.14	2	< 10	52	0.8	< 2	3.03	12	63	2.91	10	1	1.40	17
748039	15	0.8	6.4	26	2530	< 1	44	26	2070	5.82	< 2	< 10	88	0.8	< 2	2.73	14	80	3.42	10	2	1.50	17
748040	26	0.3	3.9	7	2840	< 1	67	17	1520	6.58	< 2	< 10	137	0.7	< 2	3.07	14	123	3.48	10	1	1.67	17
748041	65	1.8	11.5	153	2800	< 1	66	12	3660	4.36	< 2	< 10	56	< 0.5	< 2	1.61	12	128	4.77	10	2	1.57	17
748042	9	1.4	6.9	58	2300	< 1	49	23	1990	4.33	< 2	< 10	83	< 0.5	< 2	2.21	19	98	3.25	< 10	2	1.06	16
748043	54	4.0	46.8	149	2850	< 1	45	31	> 10000	4.52	< 2	< 10	49	0.6	< 2	2.62	16	73	3.69	< 10	2	0.93	13
748044	103	5.1	32.2	178	2870	< 1	56	28	9950	4.29	< 2	< 10	48	0.6	3	2.62	28	74	3.67	10	2	0.75	12
748045	60	4.3	65.5	193	2240	< 1	63	82	> 10000	4.23	< 2	< 10	61	0.5	< 2	1.81	15	88	4.42	10	< 1	1.35	< 10
748046	22	2.7	5.1	27	2450	< 1	74	132	1760	5.03	< 2	10	93	0.6	< 2	2.86	17	111	3.56	10	2	1.20	16
748047	19	2.2	7.4	80	2340	< 1	71	122	2970	4.85	3	14	65	0.6	< 2	2.71	21	142	4.11	10	1	1.25	19
748048	43	10.8	42.8	311	3010	< 1	48	14	> 10000	3.21	< 2	< 10	52	< 0.5	< 2	0.87	16	68	5.99	< 10	3	1.35	11
748049	15	3.2	1.8	62	972	< 1	48	186	620	2.77	< 2	14	15	< 0.5	< 2	2.84	20	73	2.26	< 10	< 1	0.48	31
748050	21	3.0	7.7	62	2250	< 1	55	205	2080	4.35	< 2	13	74	< 0.5	< 2	2.95	23	99	3.42	< 10	1	1.09	27
748051	6	2.9	2.9	32	2420	< 1	45	96	962	2.89	< 2	13	23	< 0.5	< 2	2.34	17	70	2.43	< 10	< 1	0.67	24
748052	54	9.4	69.9	240	8310	3	56	50	> 10000	2.53	< 2	< 10	28	< 0.5	4	0.78	82	82	9.59	< 10	1	0.99	15
748053	26	6.8	24.3	137	14300	< 1	44	13	7520	1.45	< 2	< 10	< 10	< 0.5	< 2	0.23	11	78	4.68	< 10	1	0.45	17
748054	< 5	1.2	0.6	14	252	5	1	45	311	0.22	< 2	< 10	< 10	< 0.5	< 2	0.11	< 1	3	1.33	< 10	< 1	0.14	15
748055	64	1.7	< 0.5	179	457	< 1	37	8	90	0.94	3	< 10	53	< 0.5	< 2	0.91	24	67	3.09	< 10	< 1	0.30	18
748056	29	1.4	< 0.5	63	607	< 1	35	10	109	1.37	4	< 10	45	< 0.5	< 2	0.81	24	99	3.27	< 10	< 1	0.73	14
748057	31	0.8	< 0.5	16	429	1	18	9	78	1.16	< 2	< 10	61	< 0.5	< 2	0.46	11	37	2.18	< 10	< 1	0.66	22
748058	49	0.8	< 0.5	14	587	< 1	17	18	102	1.00	< 2	< 10	61	< 0.5	< 2	0.44	14	29	2.17	< 10	< 1	0.56	19
748059	59	1.0	< 0.5	27	785	< 1	28	26	134	2.02	< 2	< 10	58	< 0.5	< 2	0.72	13	36	3.36	< 10	< 1	0.90	20

Results — Activation Laboratories Ltd. — Report: A21-19182

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
748025	1.10	0.029	0.038	1.70	< 2	4	5	0.16	< 20	4	< 2	< 10	47	< 10	2	3
748026	1.29	0.029	0.025	2.81	2	4	5	0.21	< 20	< 1	< 2	< 10	64	< 10	2	4
748027	1.36	0.046	0.030	1.84	3	4	22	0.24	< 20	3	< 2	< 10	66	< 10	2	4

748028	1.28	0.028	0.016	3.17	< 2	4	3	0.25	< 20	3	< 2	< 10	58	< 10	2	4
748029	1.13	0.029	0.025	2.46	< 2	3	4	0.19	< 20	3	< 2	< 10	49	< 10	2	3
748030	1.94	0.106	0.046	1.94	3	5	46	0.22	< 20	2	< 2	< 10	69	< 10	2	3
748031	1.83	0.331	0.049	0.87	2	6	180	0.21	< 20	1	< 2	< 10	71	< 10	2	3
748032	2.32	0.198	0.052	1.06	< 2	6	56	0.21	< 20	2	< 2	< 10	74	< 10	2	5
748033	2.01	0.356	0.057	0.42	< 2	5	70	0.22	< 20	< 1	< 2	< 10	69	< 10	2	4
748034	1.64	0.412	0.052	0.72	< 2	5	83	0.20	< 20	3	< 2	< 10	64	< 10	1	4
748035	1.38	0.230	0.058	1.06	< 2	5	51	0.20	< 20	3	< 2	< 10	71	< 10	2	6
748036	0.86	0.114	0.058	1.80	< 2	4	32	0.14	< 20	4	< 2	< 10	53	< 10	2	7
748037	1.27	0.312	0.051	0.94	< 2	4	63	0.22	< 20	2	< 2	< 10	67	< 10	1	4
748038	1.39	0.339	0.053	0.14	< 2	3	89	0.20	< 20	3	3	< 10	60	< 10	1	3
748039	1.60	0.319	0.057	0.18	< 2	3	83	0.21	< 20	1	< 2	< 10	63	< 10	1	4
748040	1.83	0.358	0.060	0.06	< 2	3	100	0.21	< 20	5	< 2	< 10	70	< 10	1	3
748041	1.70	0.258	0.054	0.43	2	3	61	0.23	< 20	2	< 2	< 10	71	< 10	1	6
748042	1.74	0.320	0.060	0.17	< 2	4	112	0.24	< 20	1	< 2	< 10	73	< 10	2	5
748043	1.03	0.142	0.054	1.67	7	3	73	0.17	< 20	2	< 2	< 10	61	< 10	1	5
748044	0.83	0.160	0.046	2.23	< 2	3	63	0.14	< 20	2	< 2	< 10	46	< 10	1	6
748045	1.28	0.174	0.045	1.44	8	4	62	0.20	< 20	2	< 2	< 10	59	< 10	1	6
748046	1.71	0.130	0.053	0.52	< 2	4	113	0.20	< 20	< 1	< 2	< 10	64	< 10	1	6
748047	1.43	0.072	0.062	0.94	< 2	6	40	0.22	< 20	2	< 2	< 10	79	< 10	2	6
748048	1.29	0.086	0.041	2.25	6	4	13	0.19	< 20	< 1	< 2	< 10	61	< 10	2	10
748049	0.75	0.084	0.098	0.23	< 2	4	47	0.26	< 20	4	< 2	< 10	69	< 10	7	5
748050	1.45	0.122	0.070	0.33	< 2	4	77	0.29	< 20	3	< 2	< 10	92	< 10	5	6
748051	0.92	0.072	0.074	0.29	< 2	4	55	0.25	< 20	1	< 2	< 10	74	< 10	5	5
748052	0.88	0.063	0.056	6.15	3	6	11	0.24	< 20	5	< 2	< 10	101	22	3	10
748053	0.36	0.022	0.043	1.66	< 2	6	2	0.15	< 20	4	< 2	< 10	75	< 10	12	6
748054	0.02	0.040	0.004	0.14	< 2	< 1	3	0.02	20	< 1	< 2	21	10	< 10	7	5
748055	0.90	0.091	0.072	1.72	< 2	5	25	0.12	< 20	3	< 2	< 10	57	< 10	3	16
748056	1.41	0.091	0.064	1.79	< 2	7	25	0.15	< 20	3	< 2	< 10	77	< 10	3	17
748057	0.80	0.109	0.068	1.14	< 2	5	26	0.15	< 20	3	< 2	< 10	54	< 10	4	16
748058	0.60	0.102	0.053	1.24	< 2	5	21	0.14	< 20	2	< 2	< 10	45	< 10	4	14
748059	1.03	0.156	0.068	1.65	< 2	4	47	0.17	< 20	2	< 2	< 10	52	< 10	4	15

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-6 Meas		0.4	< 0.5	70	1100	1	24	94	126	7.03	238	< 10	737	0.8	2	0.12	12	79	5.67	10	< 1	0.98	< 10
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
GXR-6 Meas		0.4	< 0.5	71	1110	1	25	96	126	7.16	245	< 10	772	0.8	< 2	0.12	12	79	5.82	10	2	1.00	< 10
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
GXR-6 Meas		0.4	< 0.5	72	1120	1	25	98	128	7.23	245	< 10	767	0.8	2	0.12	12	80	5.87	10	2	1.01	< 10
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
OREAS 98 (Aqua Regia) Meas		41.7		> 10000				255	1210						57		106						
		42.8						343	1300						93		111						

OREAS 98 (Aqua Regia) Cert OREAS 98 (Aqua Regia) Meas OREAS 98 (Aqua Regia) Cert OREAS 98 (Aqua Regia) Meas OREAS 98 (Aqua Regia) Cert		42.9		147000				253	1190						44		110						
		42.8		> 10000				343	1300						93		111						
		43.0		147000				257	1200						57		111						
		42.8		> 10000 147000				343	1300						93		111						
OREAS 922 (AQUA REGIA) Meas		1.0	< 0.5	2160	785	< 1	33	63	262	2.78	5		74	0.7	8	0.38	18	43	4.95	< 10		0.38	34
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 922 (AQUA REGIA) Meas		0.9	< 0.5	2170	799	< 1	35	63	260	2.81	8		75	0.7	7	0.38	19	46	5.00	< 10		0.38	34
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 922 (AQUA REGIA) Meas		0.9	< 0.5	2190	806	< 1	34	59	269	2.82	5		75	0.7	9	0.39	19	44	5.08	< 10		0.38	34
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 923 (AQUA REGIA) Meas		1.7	< 0.5	4300	899	< 1	32	79	340	2.81	6		63	0.6	21	0.38	21	41	5.75	< 10		0.32	31
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 923 (AQUA REGIA) Meas		1.8	< 0.5	4440	899	< 1	32	84	345	2.83	7		62	0.6	21	0.38	20	40	5.80	< 10		0.33	31
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 923 (AQUA REGIA) Meas		1.6	< 0.5	4310	916	< 1	33	80	348	2.85	6		63	0.6	20	0.39	21	41	5.89	< 10		0.33	32
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
Oreas 96 (Aqua Regia) Meas		11.4		> 10000				88	423						59		47						
Oreas 96 (Aqua Regia) Cert		11.50		39100.00				100	448						27.9		49.2						
Oreas 621 (Aqua		68.8	284	3550	556	13	24	> 5000	> 10000	1.71	76			0.5	8	1.62	32	30	3.27	< 10	4	0.31	19

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Regia) Meas																			
Oreas 621 (Aqua		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43
Regia) Cert Oreas		68.0	278	3500	548	13	24	> 5000 > 10000		1.65	76			0.5	6	1.62	32	30	3.20
621 (Aqua																			
Regia) Meas Oreas		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43
621 (Aqua		68.5	279	3480	553	14	26	> 5000 > 10000		1.66	77			0.5	8	1.64	31	32	3.20
Regia) Cert Oreas		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43
621 (Aqua																			
Regia) Meas Oreas				356	175	< 1	228	8	26	6.98			145	0.9	2	0.07	36	347	14.5
621 (Aqua Regia)				336	150	1.19	192	12.4	22.2	4.81			158	0.980	0.170	0.0750	39.2	341	13.7
Cert OREAS 45f																			
(Aqua	506																		
Regia) Meas																			
OREAS 45f (Aqua	510.000																		
Regia) Cert Oreas	514																		
E1336 (Fire																			
Assay) Meas Oreas	510.000																		
E1336 (Fire	512																		
Assay) Cert Oreas																			
E1336 (Fire	510.000																		
Assay) Meas Oreas	514																		
E1336 (Fire																			
Assay) Cert Oreas																			
E1336 (Fire																			
Assay) Meas Oreas																			
E1336 (Fire																			
Assay) Cert Oreas	510.000																		
E1336 (Fire	> 5000																		
Assay) Meas Oreas																			
E1336 (Fire																			
Assay) Cert																			
OREAS 216b Meas																			
OREAS 216b Cert	6660																		
748029 Orig		16.9	2.1	1190	1370	< 1	30	11	188	3.05	< 2	18	37	< 0.5	23	0.10	9	34	7.23
748029 Dup		16.4	2.1	1180	1350	< 1	30	8	186	3.06	< 2	18	36	< 0.5	27	0.09	9	33	7.20
748033 Orig	12																		
748033 Dup	12																		
748042 Orig	9	1.4	6.9	58	2300	< 1	49	23	1990	4.33	< 2	< 10	83	< 0.5	< 2	2.21	19	98	3.25
748042 Split PREP DUP	8	1.3	7.2	63	2330	< 1	53	28	2120	4.41	< 2	< 10	69	< 0.5	< 2	2.13	18	102	3.25
748042 Orig	9																		
748042 Dup	9																		
748043 Orig		3.8	46.0	146	2830	< 1	45	32	> 10000	4.45	2	< 10	50	0.6	< 2	2.60	16	72	3.62
748043 Dup		4.1	47.6	152	2880	< 1	46	30	> 10000	4.59	< 2	< 10	47	0.6	3	2.65	16	74	3.76
748050 Orig	19																		
748050 Dup	23																		
748055 Orig		1.8	< 0.5	181	459	< 1	37	9	91	0.94	4	< 10	51	< 0.5	< 2	0.91	24	67	3.10
748055 Dup		1.7	< 0.5	178	454	< 1	37	8	89	0.94	3	< 10	56	< 0.5	< 2	0.90	24	66	3.08
Method Blank	< 5																		

Method Blank	< 5																		
Method Blank	< 5																		
Method Blank	< 5																		
Method Blank	< 5																		
Method Blank	< 5																		

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Method Blank	< 5																		
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-6 Meas	0.39	0.102	0.033	0.01	3	18	27		< 20	< 1	< 2	< 10	162	< 10	4	10
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110
GXR-6 Meas	0.40	0.102	0.034	0.01	4	19	28		< 20	< 1	< 2	< 10	164	< 10	4	11
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110
GXR-6 Meas	0.40	0.102	0.035	0.01	4	19	29		< 20	< 1	< 2	< 10	168	< 10	4	11
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110
OREAS 98 (Aqua Regia) Meas					17											
OREAS 98 (Aqua Regia) Cert					15											
OREAS 98 (Aqua Regia) Meas					18											
OREAS 98 (Aqua Regia) Cert					15											
OREAS 98 (Aqua Regia) Meas					18											
OREAS 98 (Aqua Regia) Cert					15											
OREAS 922 (AQUA REGIA) Meas	1.33	0.024	0.060	0.36	2	3	16		< 20		2	< 10	32	< 10	16	14
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 922 (AQUA REGIA) Meas	1.35	0.026	0.062	0.36	< 2	4	16		< 20		< 2	< 10	33	< 10	16	17
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 922 (AQUA REGIA) Meas	1.34	0.025	0.062	0.36	< 2	4	17		< 20		< 2	< 10	33	< 10	16	17
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 923 (AQUA REGIA) Meas	1.40		0.058	0.66	3	3	15		< 20		< 2	< 10	32	< 10	14	23
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 923 (AQUA REGIA) Meas	1.40		0.059	0.67	2	3	15		< 20		3	< 10	32	< 10	14	26
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 923 (AQUA REGIA) Meas	1.42		0.060	0.66	3	3	15		< 20		< 2	< 10	32	< 10	15	26
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
Oreas 96 (Aqua Regia) Meas				3.74	5											
Oreas 96 (Aqua Regia) Cert				4.38	4.53											
Oreas 621 (Aqua	0.44	0.157	0.033	4.49	108	2	19		< 20		< 2	< 10	12	< 10	6	67

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Regia) Meas																
Oreas 621 (Aqua	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
Regia) Cert Oreas 621 (Aqua	0.43	0.154	0.033	4.52	114	2	20		< 20		< 2	< 10	12	< 10	6	65
Regia) Meas Oreas	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
621 (Aqua	0.43	0.156	0.033	4.56	112	2	20		< 20		3	< 10	11	< 10	6	65
Regia) Cert Oreas 621 (Aqua	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
Regia) Meas Oreas	0.18	0.043	0.020	0.02		26	14	0.12	< 20		< 2	< 10	199		4	21
621 (Aqua Regia) Cert OREAS 45f	0.152	0.0320	0.0220	0.0270		31.4	13.2	0.0970	7.67		0.120	1.09	217		6.74	30.0
(Aqua																
Regia) Meas OREAS 45f (Aqua																
Regia) Cert Oreas E1336 (Fire																
Assay) Meas Oreas																
E1336 (Fire																
Assay) Cert Oreas																
E1336 (Fire Assay) Meas Oreas																
E1336 (Fire Assay) Cert Oreas E1336 (Fire Assay) Meas Oreas E1336 (Fire Assay) Cert Oreas E1336 (Fire Assay) Meas Oreas E1336 (Fire Assay) Cert																
OREAS 216b Meas																
OREAS 216b Cert																
748029 Orig	1.13	0.029	0.025	2.46	< 2	3	4	0.19	< 20	2	< 2	< 10	49	< 10	2	3
748029 Dup	1.13	0.028	0.025	2.45	2	3	4	0.19	< 20	3	< 2	< 10	48	< 10	2	3
748033 Orig																
748033 Dup																
748042 Orig	1.74	0.320	0.060	0.17	< 2	4	112	0.24	< 20	1	< 2	< 10	73	< 10	2	5
748042 Split PREP DUP	1.74	0.352	0.058	0.17	< 2	4	110	0.23	< 20	4	< 2	< 10	70	< 10	2	6
748042 Orig																
748042 Dup																
748043 Orig	1.01	0.141	0.053	1.64	6	3	72	0.17	< 20	2	< 2	< 10	60	< 10	1	5
748043 Dup	1.05	0.143	0.054	1.70	9	3	74	0.17	< 20	1	< 2	< 10	62	12	1	5
748050 Orig																
748050 Dup																
748055 Orig	0.90	0.091	0.072	1.74	< 2	5	25	0.12	< 20	3	< 2	< 10	57	< 10	3	16
748055 Dup	0.90	0.091	0.072	1.70	< 2	5	25	0.12	< 20	3	< 2	< 10	57	< 10	3	15
Method Blank																
Method Blank																
Method Blank																
Method Blank																
Method Blank																
Method Blank																

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Method Blank																
Method Blank	< 0.01	0.006	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.007	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.006	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.005	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.007	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.007	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1

Quality Analysis ... *Innovative Technologies*

Report No.: **A21-19184**
Report Date: **01-Feb-22**
Date Submitted: **12-Oct-21**
Your Reference:

Wayne Benham
921 Willowdale Ave.
North York Ontario M2M 3C2
ıada

ATTN: Wayne Benham

CERTIFICATE OF ANALYSIS

24 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Dryden	QOP AA-Au (Au Fire Assay AA)	2021-11-03 12:09:41

REPORT **A21-19184**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
264 Government Road, Dryden, Ontario, Canada, P8N 2R3
TELEPHONE +807 223-6168 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Dryden@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Report No.: **A21-19184**
Report Date: **01-Feb-22**
Date Submitted: **12-Oct-21**
Your Reference:

Wayne Benham
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CERTIFICATE OF ANALYSIS

24 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Dryden	QOP AA-Au (Au Fire Assay AA)	2021-11-03 12:09:41

REPORT **A21-19184**

Notes:

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Report No.: **A21-19184**
Report Date: **01-Feb-22**
Date Submitted: **12-Oct-21**
Your Reference:

Wayne Benham
921 Willowdale Ave.
North York Ontario M2M 3C2
Canada

ATTN: Wayne Benham

CERTIFICATE OF ANALYSIS

24 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1E3-Tbay	QOP AquaGeo (Aqua Regia ICPOES)	2022-01-27 23:13:39

REPORT **A21-19184**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3 Values

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

SCC Accredited LAB Accrédité CCN TM

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
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LabID: 673 E-MAIL Tbay@actlabs.com
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Results **Activation Laboratories Ltd.** **Report: A21-19184**

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
748001	19	13.6	20.9	107	2560	2	29	132	983	3.72	< 2	< 10	51	0.6	< 2	1.72	11	30	4.17	< 10	3	0.79	< 10
748002	13	12.8	5.3	86	2490	2	27	95	550	3.95	< 2	< 10	51	1.1	< 2	1.71	11	20	4.08	< 10	1	0.77	< 10
748003	16	7.2	6.6	24	3110	< 1	34	83	443	3.65	< 2	< 10	68	< 0.5	< 2	1.29	7	32	5.22	< 10	< 1	1.16	< 10
748004	28	14.8	33.2	77	2320	< 1	22	111	1320	1.85	< 2	< 10	41	0.6	< 2	0.72	11	12	3.55	< 10	< 1	0.48	< 10
748005	26	16.7	12.8	71	2770	< 1	24	74	837	1.40	< 2	< 10	36	< 0.5	< 2	0.49	9	12	3.22	< 10	< 1	0.41	< 10
748006	16	11.8	7.4	40	2690	< 1	21	118	885	3.02	< 2	< 10	39	1.0	< 2	1.38	10	13	2.95	< 10	< 1	0.51	< 10
748007	13	10.9	16.2	54	2970	< 1	23	86	618	2.68	< 2	< 10	45	0.8	< 2	1.18	9	15	3.24	< 10	< 1	0.60	< 10
748008	19	10.8	4.7	125	2300	1	33	86	496	4.02	< 2	< 10	45	0.5	< 2	2.02	14	32	3.59	< 10	2	0.82	< 10
748009	14	4.9	4.5	79	1490	1	12	92	1350	4.06	14	11	21	0.5	< 2	1.97	9	12	3.78	< 10	3	0.52	< 10
748010	15	6.0	3.7	98	1360	3	12	107	1230	4.02	9	10	21	< 0.5	< 2	2.00	11	15	3.43	< 10	2	0.54	< 10
748011	15	4.9	2.8	170	1070	2	14	115	840	4.55	3	< 10	22	< 0.5	< 2	2.29	13	21	3.34	10	2	0.87	< 10
748012	24	2.5	2.9	180	1330	3	14	47	291	3.22	< 2	< 10	35	0.5	< 2	1.27	16	15	3.45	< 10	1	0.74	< 10
748013	17	2.1	2.6	128	1200	6	11	53	239	3.13	< 2	< 10	32	< 0.5	< 2	1.44	12	14	2.82	< 10	< 1	0.55	< 10
748014	16	1.8	1.4	154	1240	3	13	21	327	2.41	< 2	< 10	73	< 0.5	< 2	0.77	14	19	3.09	< 10	< 1	0.88	11
748015	14	1.7	1.8	130	1330	7	11	41	287	3.30	< 2	10	59	< 0.5	< 2	1.50	12	17	2.79	< 10	< 1	0.75	< 10
748016	13	2.0	2.1	148	1460	3	13	27	382	2.75	< 2	< 10	45	< 0.5	< 2	0.87	14	18	3.17	< 10	< 1	0.87	< 10
748017	17	2.9	2.7	154	1400	8	15	58	557	3.05	< 2	< 10	42	< 0.5	< 2	1.64	14	19	3.28	< 10	< 1	0.83	11
748018	19	2.5	1.8	151	1260	4	13	22	376	2.67	< 2	< 10	40	< 0.5	< 2	1.03	14	20	3.31	< 10	< 1	0.86	< 10
748019	16	2.2	1.4	143	1500	3	13	24	378	3.24	< 2	< 10	56	< 0.5	< 2	1.22	13	21	3.16	< 10	< 1	1.02	11
748020	13	2.2	2.2	148	1270	4	12	17	400	3.48	< 2	< 10	47	< 0.5	< 2	1.48	12	18	2.97	< 10	1	0.95	< 10
748021	11	3.4	2.3	180	1370	3	13	39	346	4.87	2	< 10	48	0.6	< 2	2.51	13	19	3.21	10	1	0.78	< 10
748022	56	10.7	19.0	302	2960	< 1	57	68	1020	3.35	< 2	< 10	29	0.7	6	0.69	18	64	5.77	< 10	2	0.94	< 10
748023	135	17.1	13.9	1610	2220	< 1	52	74	854	2.14	< 2	< 10	21	0.6	6	0.24	45	41	7.88	< 10	2	0.81	< 10
748024	114	8.9	3.2	1390	2750	< 1	32	37	304	2.50	< 2	12	44	0.7	6	0.20	9	28	5.30	< 10	2	0.99	< 10

Results **Activation Laboratories Ltd.** **Report: A21-19184**

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
748001	0.85	0.163	0.042	1.64	< 2	3	48	0.17	< 20	< 1	< 2	< 10	45	< 10	1	5
748002	0.87	0.183	0.042	1.51	< 2	2	53	0.14	< 20	2	< 2	< 10	40	< 10	1	4
748003	0.98	0.124	0.038	0.79	< 2	2	38	0.19	< 20	1	< 2	< 10	47	< 10	1	4
748004	0.48	0.081	0.038	1.92	< 2	2	24	0.10	< 20	2	< 2	< 10	27	< 10	1	4
748005	0.43	0.055	0.038	1.82	< 2	1	12	0.08	< 20	1	< 2	< 10	25	< 10	1	4
748006	0.65	0.129	0.036	1.31	< 2	2	32	0.10	< 20	2	< 2	< 10	30	< 10	1	3
748007	0.65	0.132	0.038	1.34	< 2	2	32	0.13	< 20	< 1	< 2	< 10	32	< 10	1	4
748008	0.89	0.147	0.043	1.40	< 2	2	40	0.17	< 20	3	< 2	< 10	49	< 10	1	5
748009	1.06	0.265	0.046	2.97	< 2	3	52	0.06	< 20	2	< 2	< 10	31	< 10	2	6
748010	1.02	0.264	0.043	2.28	< 2	2	55	0.06	< 20	< 1	< 2	< 10	35	< 10	2	5
748011	1.14	0.277	0.040	1.53	< 2	3	51	0.13	< 20	1	< 2	< 10	49	< 10	1	4
748012	0.94	0.324	0.041	1.64	< 2	4	31	0.13	< 20	2	< 2	< 10	49	< 10	2	4
748013	0.74	0.331	0.043	1.37	< 2	3	34	0.10	< 20	< 1	< 2	< 10	40	< 10	2	4
748014	0.93	0.220	0.040	1.00	< 2	4	22	0.19	< 20	3	< 2	< 10	52	< 10	2	6
748015	0.96	0.317	0.040	0.98	< 2	3	34	0.14	< 20	1	< 2	< 10	41	< 10	2	4
748016	1.18	0.234	0.043	1.14	< 2	4	27	0.18	< 20	2	< 2	< 10	52	< 10	2	4
748017	1.24	0.284	0.078	1.20	< 2	3	42	0.16	< 20	2	< 2	< 10	48	< 10	3	5
748018	1.02	0.285	0.043	1.40	< 2	3	24	0.17	< 20	1	< 2	< 10	52	< 10	2	5
748019	1.07	0.328	0.045	1.00	< 2	3	30	0.19	< 20	2	< 2	< 10	52	< 10	2	5
748020	0.91	0.305	0.050	0.80	2	3	30	0.21	< 20	< 1	< 2	< 10	52	< 10	2	4
748021	0.93	0.281	0.044	1.33	< 2	3	44	0.15	< 20	2	< 2	< 10	49	< 10	1	3
748022	1.45	0.090	0.059	3.25	< 2	5	48	0.14	< 20	2	< 2	< 10	75	< 10	2	5
748023	0.98	0.037	0.037	5.26	3	3	10	0.16	< 20	2	< 2	< 10	49	< 10	1	5
748024	1.16	0.042	0.034	2.18	< 2	3	10	0.19	< 20	5	< 2	< 10	50	< 10	2	4

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-6 Meas		0.4	< 0.5	70	1100	1	24	94	126	7.03	238	< 10	737	0.8	2	0.12	12	79	5.67	10	< 1	0.98	< 10
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
GXR-6 Meas		0.4	< 0.5	71	1110	1	25	96	126	7.16	245	< 10	772	0.8	< 2	0.12	12	79	5.82	10	2	1.00	< 10
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
GXR-6 Meas		0.4	< 0.5	72	1120	1	25	98	128	7.23	245	< 10	767	0.8	2	0.12	12	80	5.87	10	2	1.01	< 10
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
OREAS 98 (Aqua Regia) Meas		41.7		> 10000				255	1210						57		106						
OREAS 98 (Aqua Regia) Cert		42.8		147000				343	1300						93		111						
OREAS 98 (Aqua Regia) Meas		42.9		> 10000				253	1190						44		110						
OREAS 98 (Aqua Regia) Cert		42.8		147000				343	1300						93		111						
OREAS 98 (Aqua Regia) Meas		43.0		> 10000				257	1200						57		111						
OREAS 98 (Aqua Regia) Cert		42.8		147000				343	1300						93		111						
OREAS 922 (AQUA REGIA) Meas		1.0	< 0.5	2160	785	< 1	33	63	262	2.78	5		74	0.7	8	0.38	18	43	4.95	< 10		0.38	34
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 922 (AQUA REGIA) Meas		0.9	< 0.5	2170	799	< 1	35	63	260	2.81	8		75	0.7	7	0.38	19	46	5.00	< 10		0.38	34
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 922 (AQUA REGIA) Meas		0.9	< 0.5	2190	806	< 1	34	59	269	2.82	5		75	0.7	9	0.39	19	44	5.08	< 10		0.38	34
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 923 (AQUA REGIA) Meas		1.7	< 0.5	4300	899	< 1	32	79	340	2.81	6		63	0.6	21	0.38	21	41	5.75	< 10		0.32	31
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0

OREAS 923 (AQUA REGIA) Meas		1.8	< 0.5	4440	899	< 1	32	84	345	2.83	7		62	0.6	21	0.38	20	40	5.80	< 10		0.33	31
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 923 (AQUA REGIA) Meas		1.6	< 0.5	4310	916	< 1	33	80	348	2.85	6		63	0.6	20	0.39	21	41	5.89	< 10		0.33	32
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
Oreas 96 (Aqua Regia) Meas		11.4		> 10000				88	423						59		47						
Oreas 96 (Aqua Regia) Cert		11.50		39100.00				100	448						27.9		49.2						
Oreas 621 (Aqua		68.8	284	3550	556	13	24	> 5000	> 10000	1.71	76			0.5	8	1.62	32	30	3.27	< 10	4	0.31	19

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Regia) Meas																			
Oreas 621 (Aqua		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43
Regia) Cert Oreas		68.0	278	3500	548	13	24	> 5000 > 10000		1.65	76			0.5	6	1.62	32	30	3.20
621 (Aqua																			
Regia) Meas Oreas		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43
621 (Aqua		68.5	279	3480	553	14	26	> 5000 > 10000		1.66	77			0.5	8	1.64	31	32	3.20
Regia) Cert Oreas		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43
621 (Aqua																			
Regia) Meas Oreas				356	175	< 1	228	8	26	6.98			145	0.9	2	0.07	36	347	14.5
621 (Aqua Regia)				336	150	1.19	192	12.4	22.2	4.81			158	0.980	0.170	0.0750	39.2	341	13.7
Cert OREAS 45f																			
(Aqua	506																		
Regia) Meas																			
OREAS 45f (Aqua	510.000																		
Regia) Cert Oreas	514																		
E1336 (Fire																			
Assay) Meas Oreas	510.000																		
E1336 (Fire	512																		
Assay) Cert Oreas																			
E1336 (Fire	510.000																		
Assay) Meas Oreas	514																		
E1336 (Fire																			
Assay) Cert Oreas																			
E1336 (Fire																			
Assay) Meas Oreas																			
E1336 (Fire																			
Assay) Cert Oreas	510.000																		
E1336 (Fire	> 5000																		
Assay) Meas Oreas																			
E1336 (Fire																			
Assay) Cert																			
OREAS 216b Meas																			
OREAS 216b Cert	6660																		
748008 Orig	17																		
748008 Dup	20																		
748010 Orig		5.7	3.6	97	1340	2	12	106	1210	3.96	10	10	21	< 0.5	< 2	1.97	11	15	3.38
748010 Dup		6.4	3.7	100	1380	5	13	108	1240	4.08	8	10	22	< 0.5	< 2	2.02	12	15	3.48
748012 Orig	24	2.5	2.9	180	1330	3	14	47	291	3.22	< 2	< 10	35	0.5	< 2	1.27	16	15	3.45
748012 Split PREP DUP	25	2.5	2.9	177	1310	3	14	49	279	3.32	< 2	< 10	36	0.5	< 2	1.33	15	15	3.46
748016 Orig	13																		
748016 Dup	13																		
Method Blank	< 5																		
Method Blank	< 5																		
Method Blank	< 5																		
Method Blank	< 5																		
Method Blank	< 5																		

Method Blank	< 5																		
Method Blank	< 5																		
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-6 Meas	0.39	0.102	0.033	0.01	3	18	27		< 20	< 1	< 2	< 10	162	< 10	4	10
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110
GXR-6 Meas	0.40	0.102	0.034	0.01	4	19	28		< 20	< 1	< 2	< 10	164	< 10	4	11
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110
GXR-6 Meas	0.40	0.102	0.035	0.01	4	19	29		< 20	< 1	< 2	< 10	168	< 10	4	11
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110
OREAS 98 (Aqua Regia) Meas					17											
OREAS 98 (Aqua Regia) Cert					15											
OREAS 98 (Aqua Regia) Meas					18											
OREAS 98 (Aqua Regia) Cert					15											
OREAS 98 (Aqua Regia) Meas					18											
OREAS 98 (Aqua Regia) Cert					15											
OREAS 922 (AQUA REGIA) Meas	1.33	0.024	0.060	0.36	2	3	16		< 20		2	< 10	32	< 10	16	14
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 922 (AQUA REGIA) Meas	1.35	0.026	0.062	0.36	< 2	4	16		< 20		< 2	< 10	33	< 10	16	17
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 922 (AQUA REGIA) Meas	1.34	0.025	0.062	0.36	< 2	4	17		< 20		< 2	< 10	33	< 10	16	17
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 923 (AQUA REGIA) Meas	1.40		0.058	0.66	3	3	15		< 20		< 2	< 10	32	< 10	14	23
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 923 (AQUA REGIA) Meas	1.40		0.059	0.67	2	3	15		< 20		3	< 10	32	< 10	14	26
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 923 (AQUA REGIA) Meas	1.42		0.060	0.66	3	3	15		< 20		< 2	< 10	32	< 10	15	26
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
Oreas 96 (Aqua Regia) Meas				3.74	5											
Oreas 96 (Aqua Regia) Cert				4.38	4.53											
Oreas 621 (Aqua	0.44	0.157	0.033	4.49	108	2	19		< 20		< 2	< 10	12	< 10	6	67

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Regia) Meas																
Oreas 621 (Aqua	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
Regia) Cert Oreas 621 (Aqua	0.43	0.154	0.033	4.52	114	2	20		< 20		< 2	< 10	12	< 10	6	65
Regia) Meas Oreas	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
621 (Aqua	0.43	0.156	0.033	4.56	112	2	20		< 20		3	< 10	11	< 10	6	65
Regia) Cert Oreas 621 (Aqua	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
Regia) Meas Oreas	0.18	0.043	0.020	0.02		26	14	0.12	< 20		< 2	< 10	199		4	21
621 (Aqua Regia) Cert OREAS 45f	0.152	0.0320	0.0220	0.0270		31.4	13.2	0.0970	7.67		0.120	1.09	217		6.74	30.0
(Aqua																
Regia) Meas OREAS 45f (Aqua																
Regia) Cert Oreas																
E1336 (Fire Assay) Meas Oreas																
E1336 (Fire																
Assay) Cert Oreas E1336 (Fire																
Assay) Meas Oreas																
E1336 (Fire Assay) Cert Oreas E1336 (Fire Assay) Meas Oreas E1336 (Fire Assay) Cert Oreas E1336 (Fire Assay) Meas Oreas E1336 (Fire Assay) Cert																
OREAS 216b Meas																
OREAS 216b Cert																
748008 Orig																
748008 Dup																
748010 Orig	1.01	0.262	0.043	2.24	< 2	2	54	0.06	< 20	< 1	< 2	< 10	35	< 10	2	5
748010 Dup	1.04	0.267	0.044	2.31	2	3	55	0.07	< 20	< 1	< 2	< 10	36	< 10	2	5
748012 Orig	0.94	0.324	0.041	1.64	< 2	4	31	0.13	< 20	2	< 2	< 10	49	< 10	2	4
748012 Split PREP DUP	0.95	0.339	0.040	1.61	< 2	3	32	0.13	< 20	3	< 2	< 10	50	< 10	2	4
748016 Orig																
748016 Dup																
Method Blank																
Method Blank																
Method Blank																
Method Blank																
Method Blank																
Method Blank																

Method Blank																
Method Blank	< 0.01	0.006	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.007	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.006	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.005	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.007	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
	< 0.01	0.007	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1

ADDENDUM

RE: Submission Number 4860

Transaction Number 83982

Notice of Determination dated August 26, 2022

Revisions: 2021 DRILLING REPORT

GAME LAKE PROJECT

BRIDGES TOWNSHIP KENORA MINING DIVISION

VERMILLION BAY, ONTARIO NTS 52 F 13

Dated April 4, 2022, Submitted June 10, 2022

2021 DRILLING REPORT

GAME LAKE PROJECT

BRIDGES TOWNSHIP KENORA MINING DIVISION

VERMILLION BAY, ONTARIO NTS 52 F 13

SUMMARY

The Game Lake property is located 15 km west of the village of Vermillion Bay and 70 km east of the town of Kenora in Bridges Township in the Kenora Mining Division in northwestern Ontario. Access is by Cobble Lake Forestry Road from Highway 17 West. The purpose of the Game Lake drilling program was to further explore altered Au-Ag-Cu-Zn mineralized zones in altered sediments and felsic volcanic which were discovered by previous drilling in 1986, 1987, 1988, 1990, 2015 and 2019 and to test airborne low magnetic anomalies detected by 2013 Geofortune airborne survey. A total of 1,726 metres of NQ diameter core in 3 holes, was drilled by RJLL Drilling Limited from Rouyn-Noranda Quebec. Drilling was started on September 11, 2021 and it was completed on September 30, 2021. Drill holes were located with a Magellan GPS device using UTM NAD 83 Canada Datum Zone 15. No arteasean conditions were encountered.

The 2021 Game Lake drill program intersected silicified biotitic sericitic sillimanite garnetiferous altered deformed greywackes, cherty sediments and felsic tuffs with magnetite, pyrite, pyrrhotite, chalcopyrite sphalerite mineralization over wide core lengths. Hole GL21_7 was drilled to test airborne electromagnetic and ground VLF anomalies located along the southern shoreline of Harrison Lake centered on Rio gridline 30 E This hole intersected altered mineralized garnetiferous greywacke from 115.0-159.1m and 174.0-175.6 m disseminated magnetite, pyrite, pyrrhotite and sphalerite. 161.6-183.45 m and 221.0-228.4 m. Pyritic biotitic altered greywackes were intersected at 198.0-221.0 m. A unmineralized massive granite intrusive was encountered at 328.6-335.55 m. These zones are interpreted to be the source of the electromagnetic anomalies. Samples from GL21_7 returned only trace gold and up to 8.4 g/t Ag and 1987 to >10.000 ppm Zn over widths of 1.6-15.7 m. Hole GL21_8 tested some IP anomalies along Rio gridline 42 E 300 m west of anomalous Ag-Zn mineralization intersected in historic hole GL90_3. The IP anomalies are due to pyritic altered sericitic garnetiferous cherty felsic tuffs and greywackes. Best assay result was 23.5 g/t Ag and 5960 ppm Zn over 2.4 m.

Hole GL15_3 was extended from 416 m to 729 m to test 500 m down-dip anomalous Au Ag Zn mineralization intersected in historic hole GL88_4 along Rio gridline 35 E. Best assay intervals were 0.02 g/t Au, 14.5 g/t over 21.1 m, 0.39 g/t Au, 8.0 g/t Ag over 3.7 m and 0.11 g/t Au, 2.2 g/t Ag over 5.4 m at a vertical depth of -600 m.

Hole GL21_9 tested at depth the weakly anomalous Au-Ag mineralized zone intersected in historic holes GL88_6, GL90_2 and GL19_5, (0.39 g/t Au, 4.7 g/t Ag over 36.4 m and 0.43 g/t Au, 5.5 g/t Ag over 26.3 m assayed 0.39 g/t Au, 3.5 g/t Ag respectively). Two zones of strongly magnetic sillimanite biotite altered felsic tuffs and greywackes with 1-10% disseminated and stringer pyrite-pyrrhotite which assayed 0.60

g/t Au and 4.3 g/t Ag over 12.6 m and 0.15 g/t Au 2.2 g/t Ag over 18.0 m, were intersected at a vertical depth of -550 m along Rio grid line 19 E.

Further drilling is warranted to explore the Game Lake Property for easterly plunging economic gold-silver-zinc mineralization. A proposed next phase would consist of three holes for a total of 2,000 m.

2021 DRILL HOLE SUMMARY TABLE

Hole	Claim	UTM	NAD 83	Az	Dip	Length	Final	#	#	#	#
No	No	Zone	15			Meters	Depth	Samples	Samples		
		Easting	Northing				Metres	Taken	Assayed		
									Au FA AA	Au FA GA	Multi
GL21_7	533926	451360	5522457	160	-60	198	198	54	54		54
GL21_8	126857	452433	5522011	160	-70	465	465	70	70		70
GL21_3ext	533989	452108	5522208	180	-70	313	729	56	56		56
GL21_9	281206	450244	5521863	185	-65	410		27	27		1
	533927					340	750	62	62	18	62
					Total	1726		269	269	18	243

Note Au FA AA - Gold Fire Assay Atomic Absorption Finish

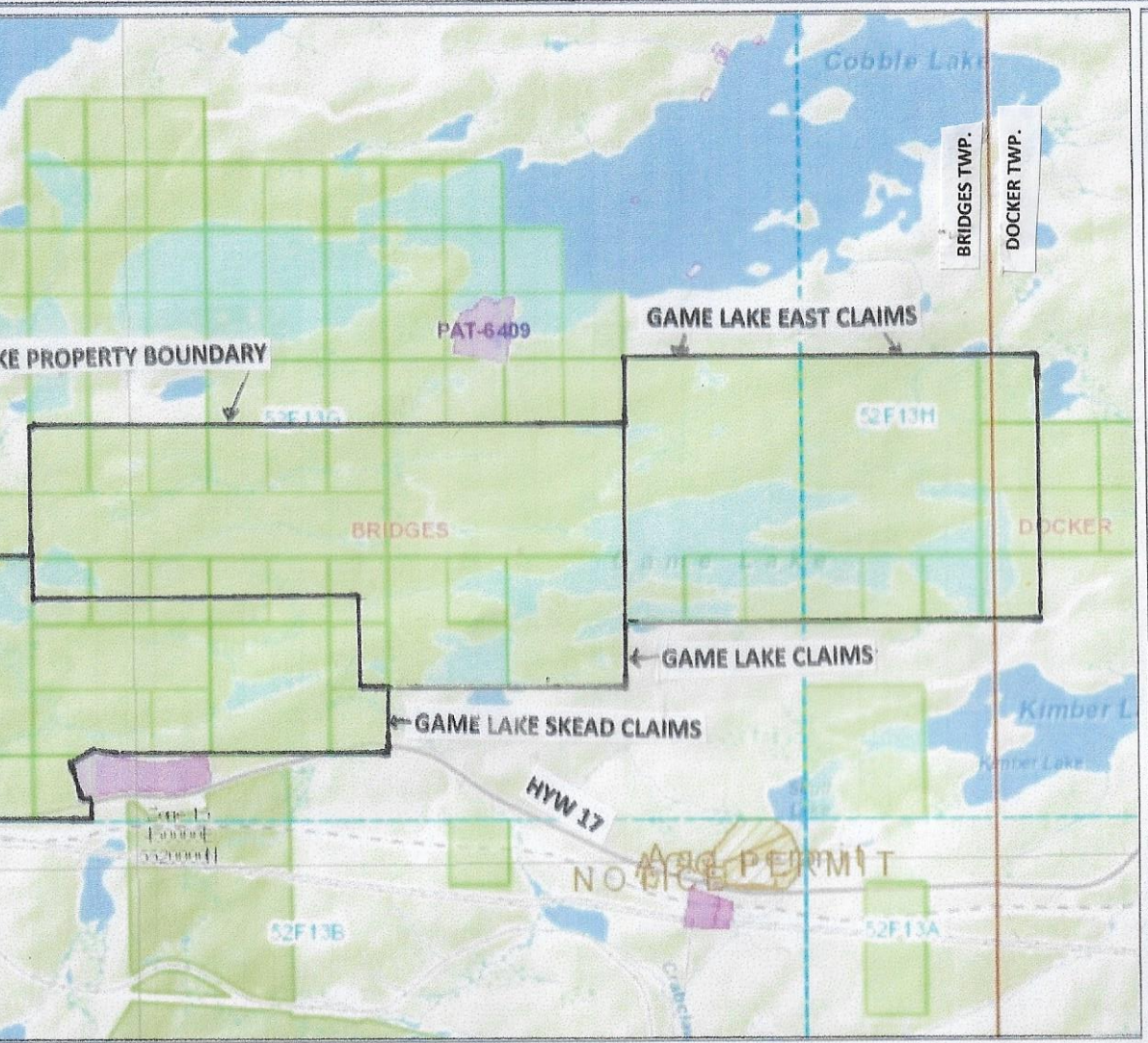
Au FA GRA - Gold Fire Assay Gravimetric Finish

Multi - Geochemical Multielement Analysis Ag Cu Zn etc.

MINISTRY OF NORTHERN DEVELOPMENT AND MINES
MLAS Map Viewer

MLAS Map

Notes:



Legend

- Provincial Grid Cell
  - Available
  - Pending
  - Unavailable
- Mining Claim
  - Mining Claim
  - Boundary Claim
- Alienation
  - Withdrawal
  - Notice
- ENDM Administrative Boundaries
  - ENDM Townships and Areas
  - Geographic Lot Fabric
  - UTM Grid 1K
  - UTM Grid 10K
  - Mining Division
  - Mineral Exploration and Development Region
  - CLUPA Protected Area - Far North
  - Resident Geologist District
  - Federal Land Other
  - Native Reserves
  - AMIS Sites
  - AMIS Features
  - Drill Hole
  - Mineral Occurrences
- MLAS Mining History
  - Withdrawal - History
  - Notice - History
  - Mining Claim - History
  - Mining Land Tenure - History
  - Legacy Claim
- Provincial Grid
  - Provincial Grid 250K
  - Provincial Grid 50K
  - Provincial Grid Group
- Land Tenure
  - Surface Rights
  - Mining Rights
  - Mining and Surface Rights
  - Order-in-Council

2.37 km

Projection: Web Mercator

N

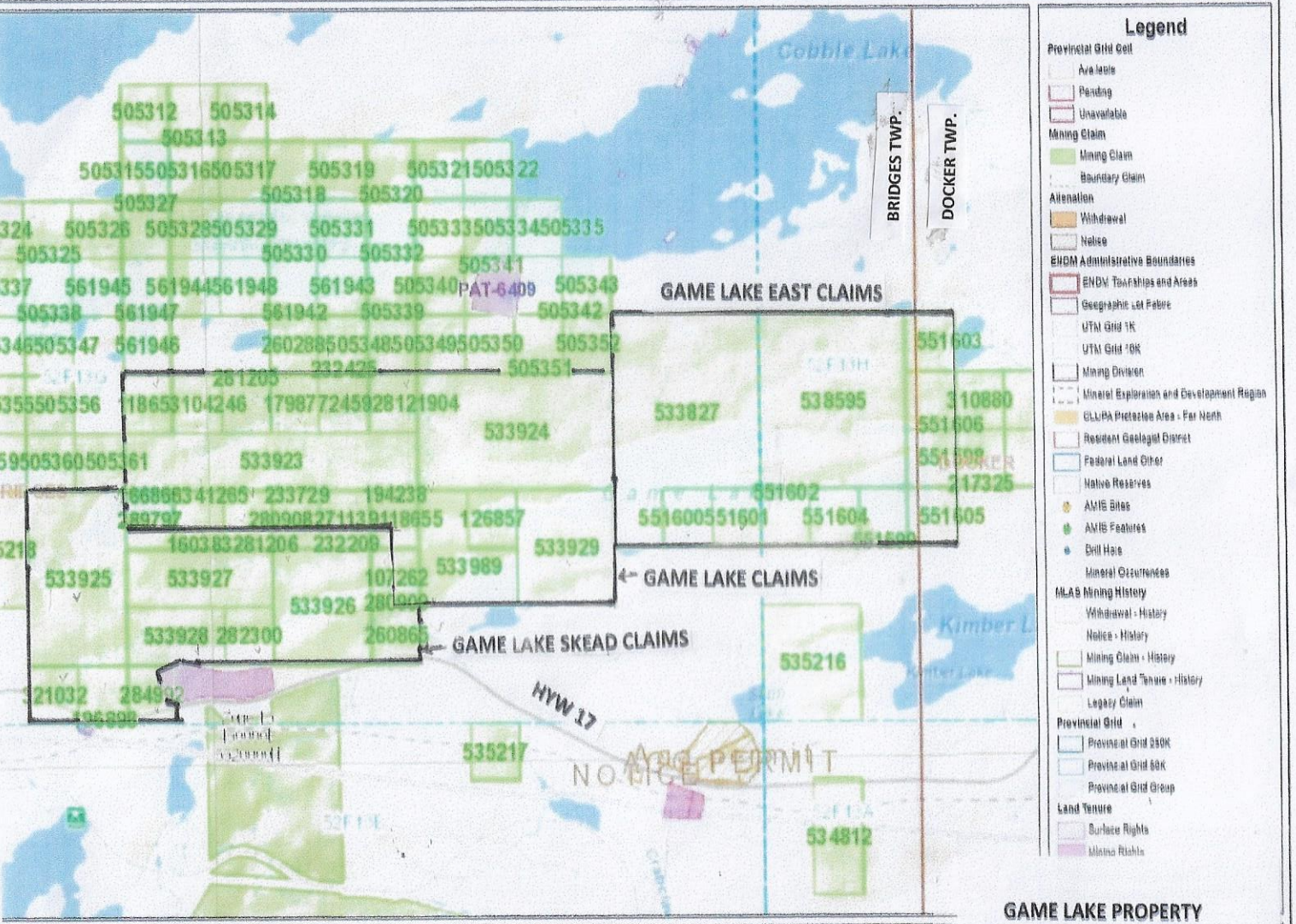
GAME LAKE PROPERTY
KENORA MINING DIVISION
BRIDGES - DOCKER TWPS ONTARIO
CLAIM MAP

rio, 2019

tario MINISTRY OF NORTHERN DEVELOPMENT AND MINES
MLAS Map Viewer

MLAS Map

Notes:



Legend

- Provincial Grid Cell
  - Available
  - Pending
  - Unavailable
- Mining Claim
  - Mining Claim
  - Boundary Claim
- Alienation
  - Withdrawal
  - Notice
- ENDM Administrative Boundaries
  - ENDM Townships and Areas
  - Geographic Lot Fabric
  - UTM Grid 1K
  - UTM Grid 10K
  - Mining Division
  - Mineral Exploration and Development Region
  - CLUPA Protection Area - Far North
  - Resident Geologist District
  - Federal Land Other
  - Native Reserves
  - AMIS Sites
  - AMIS Features
  - Drill Hole
  - Mineral Occurrences
- MLAS Mining History
  - Withdrawal - History
  - Notice - History
  - Mining Claim - History
  - Mining Land Tenure - History
  - Legacy Claim
- Provincial Grid
  - Province Grid 250K
  - Province Grid 50K
  - Province Grid Group
- Land Tenure
  - Surface Rights
  - Mining Rights

0 2.37 km

Projection: Web Mercator

GAME LAKE PROPERTY
KENORA MINING DIVISION
BRIDGES - DOCKER TWPS ONTARIO
CLAIM MAP with
CLAIM NUMBERS

PROPERTY: Game Lake			HOLE NUMBER: GL21_7						
Province:	Ontario	DATE LOGGED: September 12-13, 2021	Grid E	30+00E	Method	Depth	Az corr.	Dip	Mag
Township	Bridges	LOGGED BY: Wayne Benham	Grid N	0+85 S		0	160	-60.0	
Started:	11-Sep-21	DRILLED BY: RJLL Drilling Rouyn-Noranda, Quebec	UTM E:	451360	REFLEX	39	162.2	-59.2	56866
Completed:	12-Sep-21	UNITS: Metres	UTM N:	5521457		120	166.0	-57.4	56445
CORE SIZE:	NQ	CORE LOCATION: 19.5-23.8 m, 67.16-71.52 m, 123.6-136.6 m stored at 564 Hickory Bea	NAD 83	Zone 15		195	166.0	-56.0	56604
Claim	533926	Road, Kawartha Lakes Ontario Rest of core stored on site at location 451430 e 5522080 N	Length:	198.0					

PURPOSE:	To test AEM Anomaly on south shore of Harrison Lake

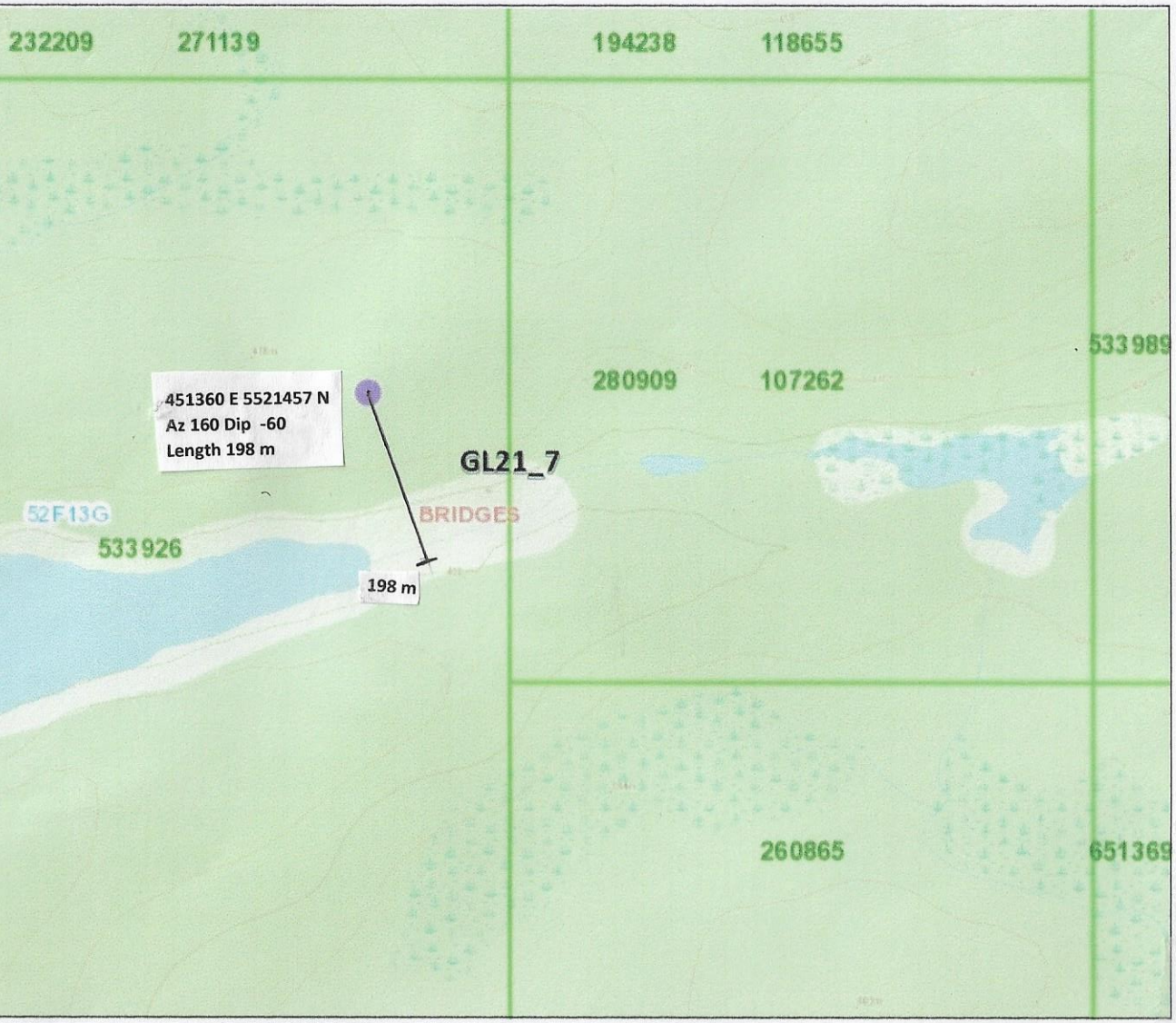
COMMENTS:	

SUMMARY LOG: GL21_7			ASSAY SUMMARY						
From	To	Lithology	From	To	Meters	Au g/t	Ag g/t	Zone	
0.00	1.80	Overburden							
1.80	40.10	Greywacke							
40.10	66.70	Sillimanite Altered Greywacke							
66.70	73.80	Garnetiferous Biotitic Greywacke							
73.80	84.80	Sillimanite Biotitic Altered Greywacke							
84.80	87.30	Cherty Sediments and Greywacke							
87.30	115.00	Muscovite Altered Greywacke							
115.00	159.10	Altered Mineralized Zone							
159.10	174.00	Chloritic Biotitic Garnetiferous Greywacke							
174.00	175.60	Altered Mineralized Zone							
175.60	190.70	Pegmatite Dyke							
190.70	196.10	Chloritic Biotitic Greywacke							
196.10	198.00	Sillimanite Garnetiferous Altered Greywacke							
	198.00	EOH							
		No Artesian conditions encountered							
		Casing Pulled							

Ministry of Northern Development, Mines, Natural Resources and Forestry (NDMNRF)
MLAS Map Viewer

MLAS Map

Notes:



Legend

Provincial Grid Cell
- Available
- Pending
- Unavailable

Mining Claim
- Mining Claim
- Boundary Claim

Alienation
- Withdrawal
- Notice

NDM Administrative Boundaries
- NDM Townships and Areas
- Geographic Lot Fabric
- UTM Grid 1K
- UTM Grid 10K
- Mining Division
- Mineral Exploration and Development Region
- CLUPA Protected Area - Far North
- Resident Geologist District
- Federal Land Other
- Native Reserves
- AMIS Sites
- AMIS Features
- Drill Hole
- Mineral Occurrences

MLAS Mining History
- Withdrawal - History
- Notice - History
- Mining Claim - History
- Mining Land Tenure - History
- Legacy Claim

Provincial Grid
- Provincial Grid 250K
- Provincial Grid 50K
- Provincial Grid Group

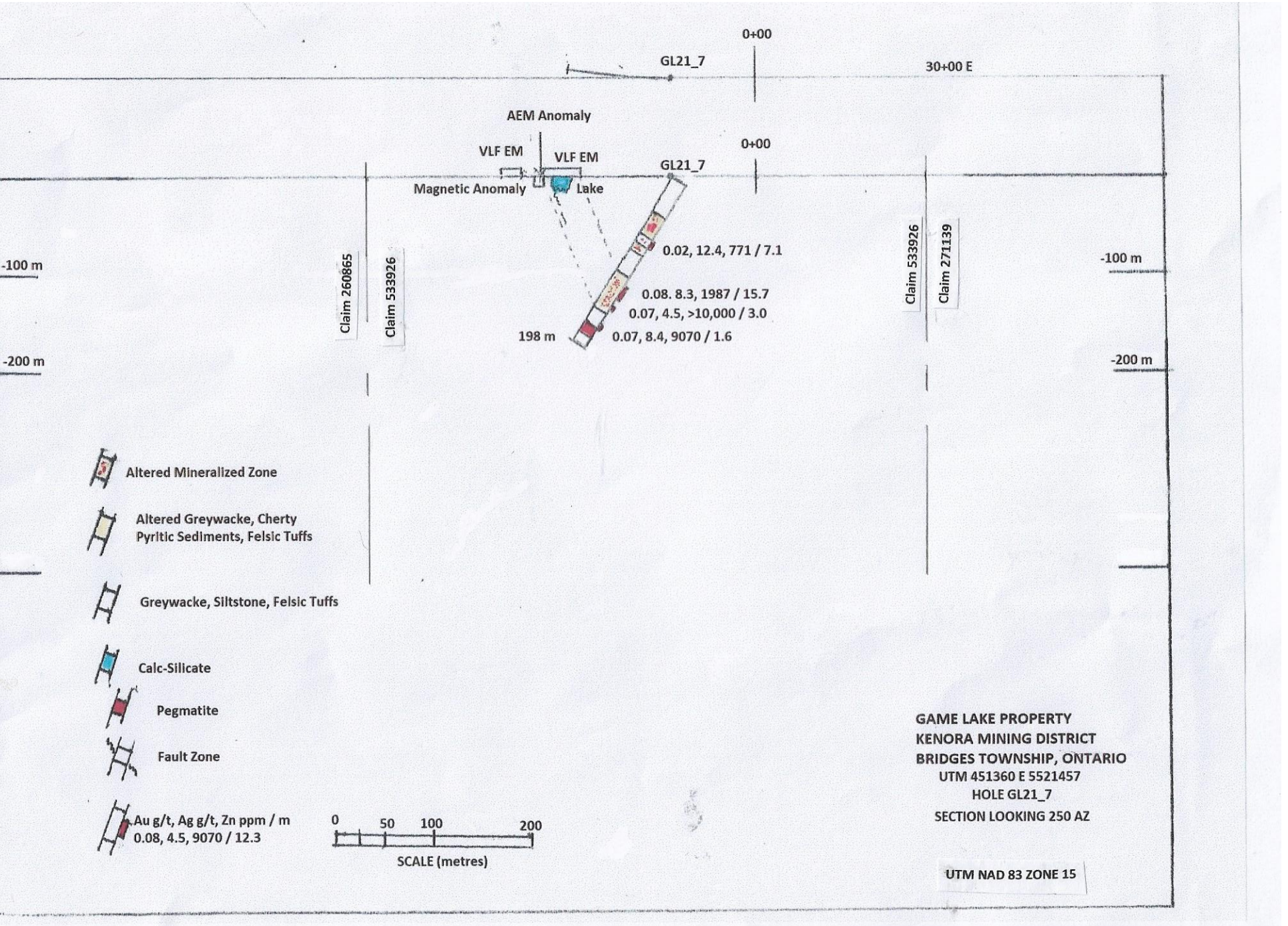
GAME LAKE PROPERTY
KENORA MINING DISTRICT
BRIDGES TOWNSHIP, ONTARIO
UTM 451360 E 5521457
HOLE GL21_7

ng claims should consult with the Provincial Mining Recorders' Office of the
ines (NDM) for additional information on the status of the lands shown
ded for navigational, survey, or land title determination purposes as the
p is compiled from various sources. Completeness and accuracy are not

0 0.25 km

Projection: Web Mercator

UTM NAD 83 ZONE 15


0+00
GL21_7
30+00 E
AEM Anomaly
VLF EM
VLF EM
0+00
GL21_7
Magnetic Anomaly
Lake
-100 m
-200 m
Claim 260865
Claim 533926
0.02, 12.4, 771 / 7.1
0.08. 8.3, 1987 / 15.7
0.07, 4.5, >10,000 / 3.0
198 m
0.07, 8.4, 9070 / 1.6
Claim 533926
Claim 271139
-100 m
-200 m
Altered Mineralized Zone
Altered Greywacke, Cherty Pyritic Sediments, Felsic Tuffs
Greywacke, Siltstone, Felsic Tuffs
Calc-Silicate
Pegmatite
Fault Zone
Au g/t, Ag g/t, Zn ppm / m
0.08, 4.5, 9070 / 12.3
0
50
100
200
SCALE (metres)
GAME LAKE PROPERTY
KENORA MINING DISTRICT
BRIDGES TOWNSHIP, ONTARIO
UTM 451360 E 5521457
HOLE GL21_7
SECTION LOOKING 250 AZ
UTM NAD 83 ZONE 15

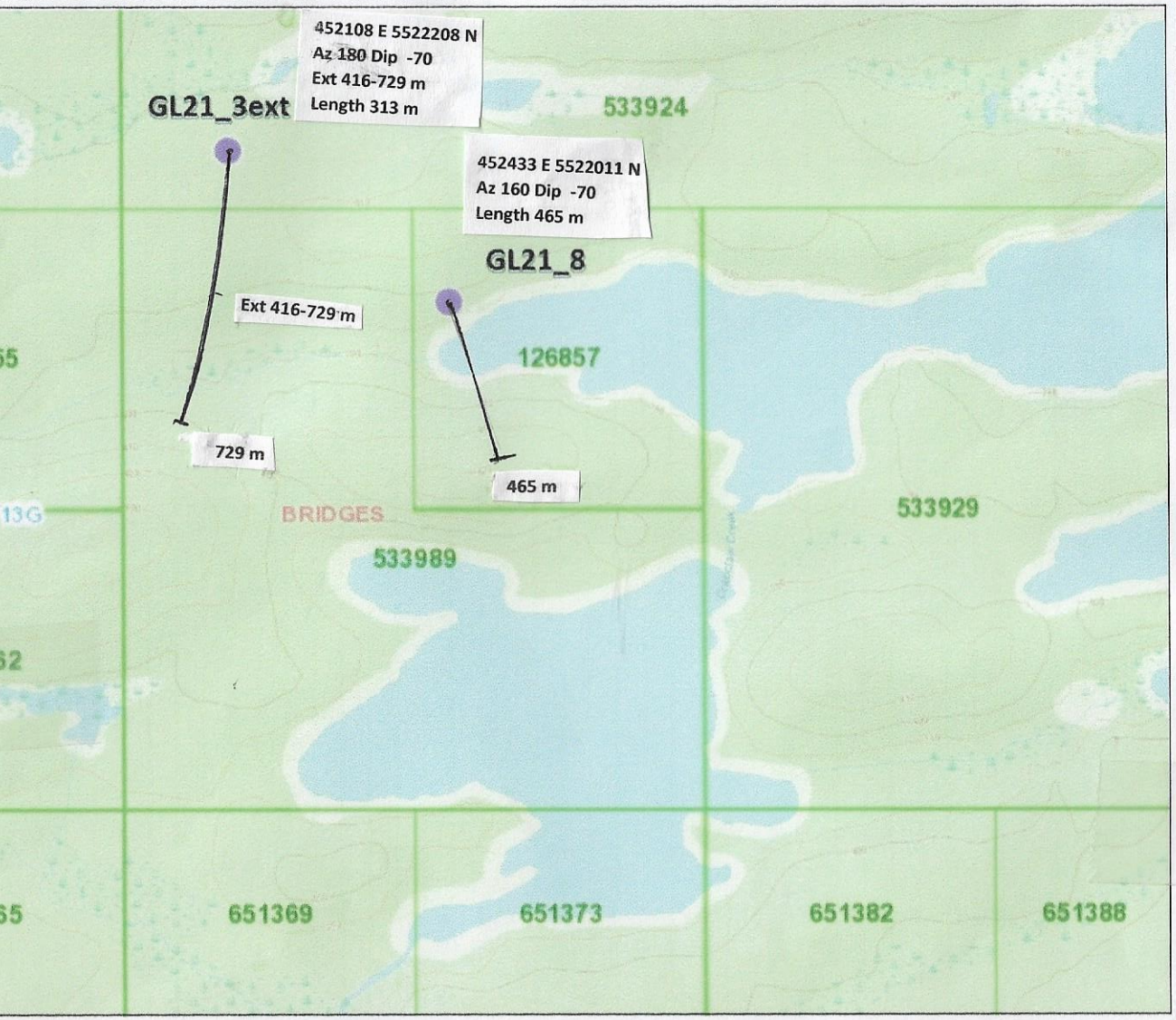
PROPERTY: Game Lake			HOLE NUMBER: GL21_8						
Province:	Ontario	**DATE LOGGED:** September 14-17, 2021	**Grid E**	20+60E	**Method**	**Depth**	**Az corr.**	**Dip**	**Mag**
Township	Bridges	**LOGGED BY:** Wayne Benham	**Grid N**	6+40 N		0	160	-70.0	
Started:	12-Sep-21	**DRILLED BY:** RJLL Drilling Rouyn-Noranda, Quebec	**UTM E:**	452433	REFLEX	30	160.2	-69.7	56752
Completed:	16-Sep-21	**UNITS:** Metres	**UTM N:**	5522011		120	163.1	-68.6	57294
CORE SIZE:	NQ	**CORE LOCATION:** 15.4-19.5 m, 138.15-154.95 m stred at 564 Hickory Beech Road	NAD 83	Zone 15		210	164.6	-65.0	57205
Claim	126857	Kawartha Lakes, Ontario. Rest of core stored on property at loaction 451430 E 5522080 N	Length:	465.0		300	165.9	-63.1	56685
						390	166.8	-61.4	56758
PURPOSE:	To test IP and Magnetic anomalies 300 m east of drill holes GL15_01 and GL90-03					462	167.4	-59.4	56397
COMMENTS:									

SUMMARY LOG: GL21_8			ASSAY SUMMARY						
From	**To**	**Lithology**	**From**	**To**	**Meters**	**Au g/t**	**Ag g/t**	**Zone**	
0.00	2.80	Overburden							
2.80	15.40	Chloritic Greywacke							
15.40	26.10	Pyritic Cherty Greywacke							
26.10	34.00	Chloritic Greywacke							
34.00	44.80	Pyritic Cherty Greywacke							
44.80	72.00	Chloritic Greywacke							
72.00	85.00	Greywacke							
85.00	110.00	Greywacke							
110.00	118.00	Altered Cherty Greywacke							
118.00	119.70	Chloritic Greywacke							
119.70	122.65	Pegmatite							
122.65	135.80	Pyritic Chloritic Greywacke							
135.80	153.10	Pyritic Cherty Sediments							
153.10	162.80	Tuffaceous Greywacke / Felsic Tuff							
162.80	176.00	Biotitic Tuffaceous Greywacke							
176.00	177.80	Pyritic Tuffaceous Greywacke / Felsic Tuff							
177.80	202.60	Biotitic Tuffaceous Greywacke							
202.60	212.30	Chloritic Garnetiferous Greywacke							
212.30	224.40	Conglomerate							
224.40	228.15	Biotitic Garnetiferous Greywacke							
228.15	246.40	Conglomerate							
246.40	280.05	Biotitic Garnetiferous Greywacke							
280.05	289.30	Conglomerate							
289.30	319.40	Sillimanite Garnetiferous Altered Felsic Tuff / Tuffaceous Greywacke							
319.40	329.20	Pegmatite Dyke							
329.20	337.40	Biotitic Garnetiferous Tuffaceous Greywacke / Felsic Tuff							
337.40	354.35	Sericitic Sillimanite Garnetiferous Altered Felsic Tuff / Tuffaceous Greywacke							
354.35	375.80	Chloritic Greywacke							
375.80	381.20	Altered Garnetiferous Greywacke							
381.20	387.80	Chloritic Garnetiferous Greywacke							
387.89	400.20	Conglomerate							
400.20	403.85	Chloritic Greywacke							
403.85	408.15	Pegmatite Dyke							
408.15	411.70	Chloritic Biotitic Greywacke							
411.70	422.50	Pegmatite Dyke							
422.50	465.00	Conglomerate							
	465.00	EOH No Artesian conditions encountered Casing pulled							

Ministry of Northern Development, Mines, Natural Resources and Forestry (NDMNRF)
MLAS Map Viewer

MLAS Map

Notes:



Legend

Provincial Grid Cell
- Available
- Pending
- Unavailable

Mining Claim
- Mining Claim
- Boundary Claim

Alienation
- Withdrawal
- Notice

NDM Administrative Boundaries
- NDM Townships and Areas
- Geographic Lot Fabric
- UTM Grid 1K
- UTM Grid 10K
- Mining Division
- Mineral Exploration and Development Region
- CLUPA Protected Area - Far North
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- Federal Land Other
- Native Reserves
- AMIS Sites
- AMIS Features
- Drill Hole
- Mineral Occurrences

MLAS Mining History
- Withdrawal - History
- Notice - History
- Mining Claim - History
- Mining Land Tenure - History
- Legacy Claim

Provincial Grid

GAME LAKE PROPERTY
KENORA MINING DISTRICT
BRIDGES TOWNSHIP, ONTARIO
UTM 452433 E 5522011
HOLE GL21_8
UTM 452108 E 5522208 N
HOLE GL21_3ext

ng claims should consult with the Provincial Mining Recorders' Office of the Mines (NDM) for additional information on the status of the lands shown nded for navigational, survey, or land title determination purposes as the n is compiled from various sources. Completeness and accuracy are not

0 0.51 km

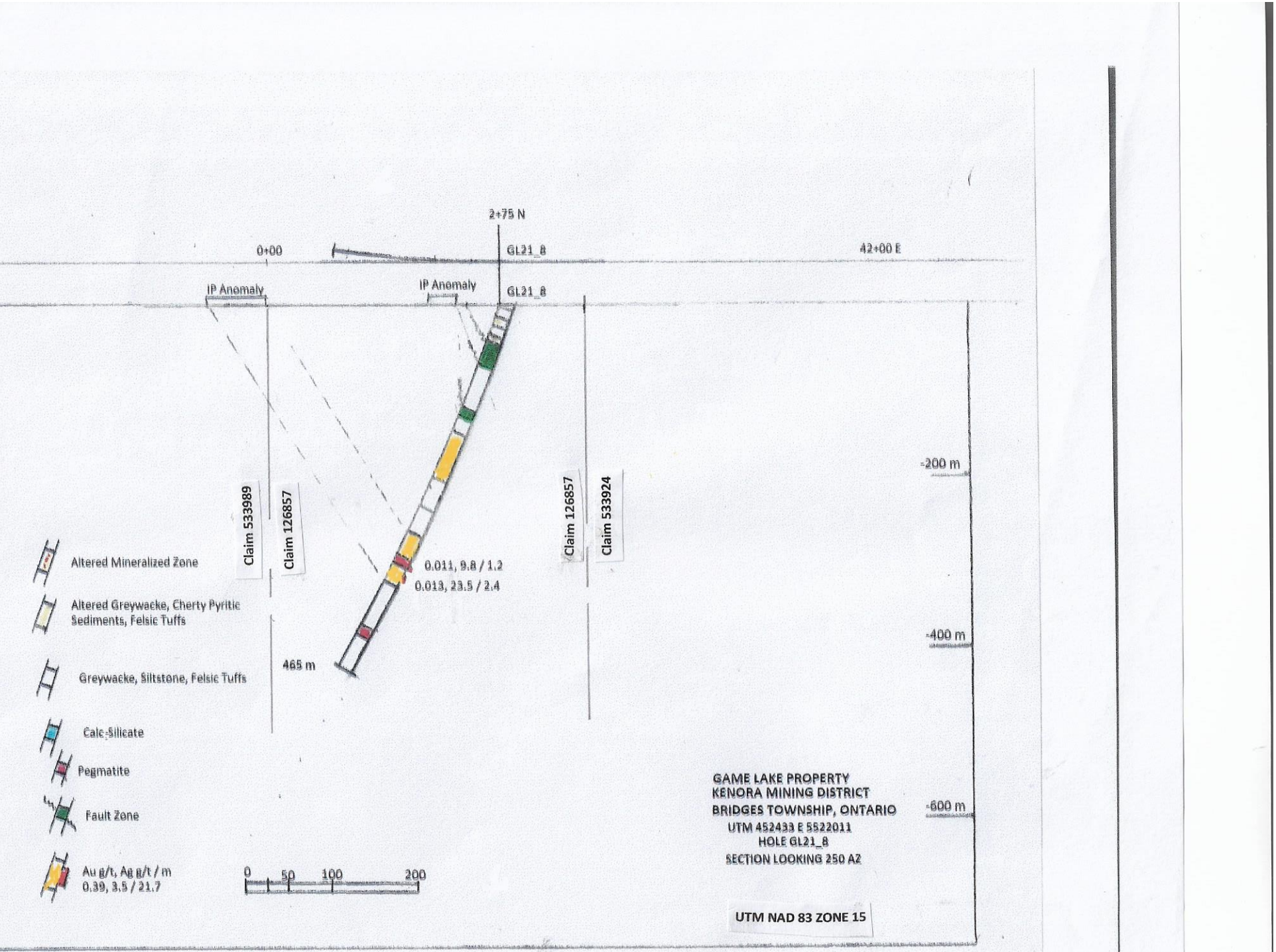
Projection: Web Mercator

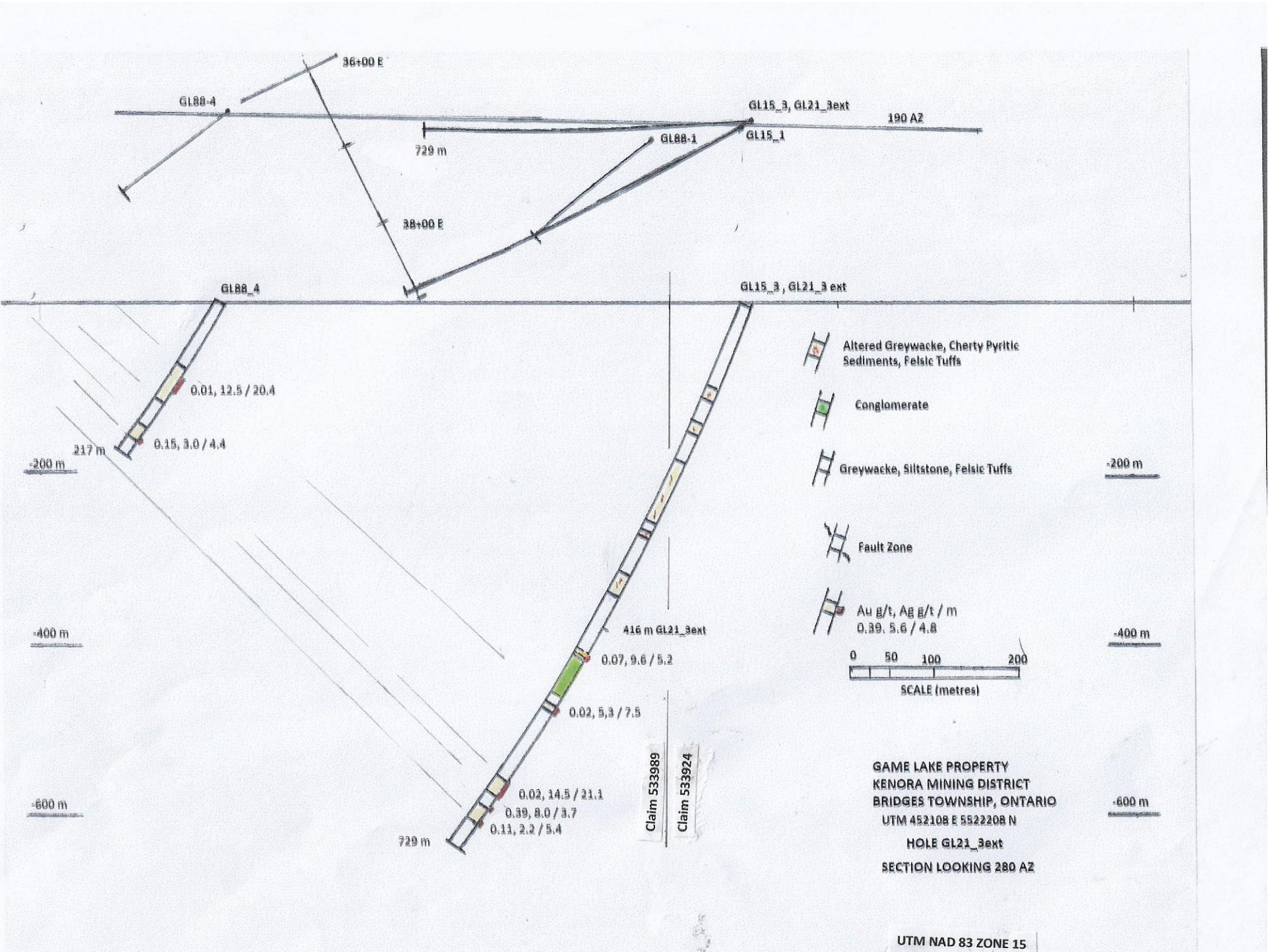
UTM NAD 83 ZONE 15

PROPERTY: Game Lake			HOLE NUMBER: GL21_3ext						
Province:	Ontario	**DATE LOGGED:** September 17-23, 2021	**Grid E**	39+32E	**Method**	**Depth**	**Az corr.**	**Dip**	**Mag**
Township	Bridges	**LOGGED BY:** Wayne Benham	**Grid N**	3+95 N		0	180	-70.0	
Started:	16-Sep-21	**DRILLED BY:** RJLL Drilling Rouyn-Noranda, Quebec	**UTM E:**	452108	REFLEX	32	182.4	70.9	56536
Completed:	22-Sep-21	**UNITS:** Metres	**UTM N:**	5522208		119	187.1	-68.3	57583
CORE SIZE:	NQ	**CORE LOCATION:** 636.9-641.35 m, 645.71-658.8 m stored at 564 Hickory Beech Road	**NAD 83**	Zone 15		209	190.3	-66.6	57171
Claim	533989	Kawartha Lakes Ontario. Rest of core stored on property at location 451430 E 5522080 N	**Length:**	729.0		299	187.5	-64.8	57375
						392	190.1	-61.1	57238
PURPOSE:	To test Anomalous Zn-Cu-Ag-Au Zones intersected in hole GL88-04 at -500 m depth					422	192.3	-60.9	56816
						510	191.3	-58.6	56787
COMMENTS:	Hole GL15_03 extended from 416 m to 729 m (313 m) Hole GL15_03 drilled by Orbit Garant of					600	188.4	-56.2	56937
	Thunder Bay, May 20-26, 2015					690	185.8	-53.8	56494
						726	185.3	-53.2	56487

SUMMARY LOG: GL21_3ext			ASSAY SUMMARY						
From	**To**	**Lithology**	**From**	**To**	**Meters**	**Au g/t**	**Ag g/t**	**Zone**	
0.00	**2.90**	**Overburden**							
2.90	**3.75**	**Altered Greywacke and Cherty Sediments**							
3.75	**100.65**	**Tuffaceous Greywacke**							
100.65	**114.80**	**Tuffaceous Greywacke to Greywacke**							
114.80	**126.90**	**Altered Pyritic Greywacke**							
126.90	**141.15**	**Greywacke to Tuffaceous Greywacke**							
141.15	**156.10**	**Tuffaceous Greywacke and Greywacke**							
156.10	**170.40**	**Pyritic Altered Greywacke to Tuffaceous Greywacke**							
170.40	**182.95**	**Tuffaceous Greywacke and Greywacke**							
182.95	**204.30**	**Greywacke and Tuffaceous Greywacke**							
204.30	**206.20**	**Pyritic Cherty Sediment**							
206.20	**218.00**	**Pyritic Altered Greywacke**							
218.00	**220.45**	**Felsic Tuff**							
220.45	**221.50**	**Tuffaceous Greywacke**							
221.50	**229.70**	**Pyritic Cherty Sediments to Silicified Deformed Tuffaceous Greywacke**							
229.70	**259.00**	**Altered Greywacke and Pyritic Cherty Sediments**							
259.00	**284.20**	**Altered Siltstones to Cherty Sediments**							
284.20	**289.10**	**Tuffaceous Greywacke**							
289.10	**290.60**	**Greywacke**							
290.60	**296.30**	**Pegmatite**							
296.30	**305.20**	**Deformed Chloritic Greywacke**							
305.20	**313.25**	**Pegmatite**							
313.25	**332.30**	**Altered Greywacke**							
332.30	**334.35**	**Felsic Tuff**							
334.35	**350.80**	**Greywacke and Cherty Sediments**							
350.80	**357.20**	**Pyritic Altered Tuffaceous Greywacke to Felsic Tuff**							
357.20	**372.00**	**Felsic Tuff Tuffaceous Greywacke and Greywacke**							
372.00	**381.50**	**Altered Pyritic Felsic Tuff**							
381.50	**398.00**	**Greywacke**							
398.00	**416.65**	**Conglomerate**							
416.65	**450.60**	**Conglomerate**							
450.60	**455.80**	**Pyritic Silicified Zone**							
455.80	**461.30**	**Chloritic Garnetiferous Greywacke**							

SUMMARY LOG: GL21_3ext			ASSAY SUMMARY						
From	To	Lithology	From	To	Meters	Au g/t	Ag g/t	Zone	
461.30	515.00	Conglomerate							
515.00	522.80	Biotitic Sericitic Altered Greywacke to Tuffaceous Greywacke							
522.80	526.45	Chloritic Mafic Dyke							
526.45	527.60	Chloric Biotitic Garnetiferous Greywacke							
527.60	529.70	Quartz Breccia Zone							
529.70	533.80	Biotitic Garnetiferous Tuffaceous Greywacke							
533.80	535.10	Tuffaceous Greywacke							
535.10	543.50	Chloric Biotitic Greywacke							
543.50	546.50	Pegmatite Dyke							
546.50	556.40	Biotitic Chloritic Greywacke							
556.40	571.10	Conglomerate							
571.10	572.95	Pyritic Felsic Tuff							
572.95	594.45	Chloritic Biotitic Greywacke							
594.45	612.50	Chloritic Biotitic Garnetiferous Greywacke							
612.50	632.80	Biotitic Greywacke							
632.80	636.85	Altered Biotitic Chloritic Greywacke							
636.85	637.70	Pegmatite Dyke							
637.70	653.90	Silicified Garnetiferous Sillimanite Altered Felsic Tuff/Tuffaceous Greywacke							
653.90	668.15	Biotitic Greywacke							
668.15	677.20	Biotitic Garnetiferous Felsic Tuff to Tuffaceous Greywacke							
677.20	688.40	Chloritic Biotitic Greywacke							
688.40	694.70	Biotitic Garnetiferous Sillimanite Altered Felsic Tuff / Tuffaceous Greywacke							
694.70	706.80	Biotitic Greywacke							
706.80	720.10	Chloritic Greywacke							
720.10	725.20	Altered Biotitic Greywacke							
725.20	725.90	Pegmatite							
725.90	729.00	Biotitic Greywacke							
	729.00	EOH							
		No Artesian conditions encountered Casing left unsealed in hole							


2+75 N
0+00
GL21_8
42+00 E
IP Anomaly
IP Anomaly
GL21_8
Claim 533989
Claim 126857
Claim 126857
Claim 533924
0.011, 9.8 / 1.2
0.013, 23.5 / 2.4
465 m
-200 m
-400 m
-600 m
Altered Mineralized Zone
Altered Greywacke, Cherty Pyritic Sediments, Felsic Tuffs
Greywacke, Siltstone, Felsic Tuffs
Calc-Silicate
Pegmatite
Fault Zone
Au g/t, Ag g/t / m
0.39, 3.5 / 21.7
0
50
100
200
GAME LAKE PROPERTY
KENORA MINING DISTRICT
BRIDGES TOWNSHIP, ONTARIO
UTM 452433 E 5522011
HOLE GL21_8
SECTION LOOKING 250 AZ
UTM NAD 83 ZONE 15


36+00 E
GL88-4
GL15_3, GL21_3ext
190 AZ
729 m
GL88-1
GL15_1
38+00 E
GL88_4
GL15_3 , GL21_3 ext
0.01, 12.5 / 20.4
217 m
0.15, 3.0 / 4.4
-200 m
-400 m
-600 m
416 m GL21_3ext
0.07, 9.6 / 5.2
0.02, 5.3 / 7.5
0.02, 14.5 / 21.1
0.39, 8.0 / 3.7
0.11, 2.2 / 5.4
729 m
Claim 533989
Claim 533924
Altered Greywacke, Cherty Pyritic Sediments, Felsic Tuffs
Conglomerate
Greywacke, Siltstone, Felsic Tuffs
Fault Zone
Au g/t, Ag g/t / m
0.39, 5.6 / 4.8
0 50 100 200
SCALE (metres)
GAME LAKE PROPERTY
KENORA MINING DISTRICT
BRIDGES TOWNSHIP, ONTARIO
UTM 452108 E 5522208 N
HOLE GL21_3ext
SECTION LOOKING 280 AZ
UTM NAD 83 ZONE 15

PROPERTY: Game Lake			HOLE NUMBER: GL21_9						
Province:	Ontario	**DATE LOGGED: September** 23-30, 2021	**Grid E**	20+60E	**Method**	**Depth**	**Az corr.**	**Dip**	**Mag**
Township	Bridges	**LOGGED BY:** Wayne Benham	**Grid N**	6+35 N		0	185	-65.0	
Started:	22-Sep-21	**DRILLED BY:** RJLL Drilling Rouyn-Noranda, Quebec	**UTM E:**	450244	REFLEX	30	186.7	-64.4	56226
Completed:	30-Sep-21	**UNITS:** Metres	**UTM N:**	5521863		120	186.7	-61.6	56433
CORE SIZE:	NQ	**CORE LOCATION:** 630.07-678.1 m stored at 564 Hickory Beach Road, Kawartha Lakes,	NAD 83	Zone 15		210	186.1	-58.1	57801
Claim	281206	Ontario, Rest of core stored on property at location 451430 E 5522080 N	Length:	750.0		300	186.7	-56.0	56495
	533927					390	182.3	-53.7	56821
PURPOSE:	To test hole GL90-02 Anomalous Gold Zone for plunge to the west below -500 m level					462	179.8	-52.8	56811
						540	180.0	-51.6	57060
COMMENTS:						630	177.1	-49.1	57932
						711	178.0	-49.4	57029

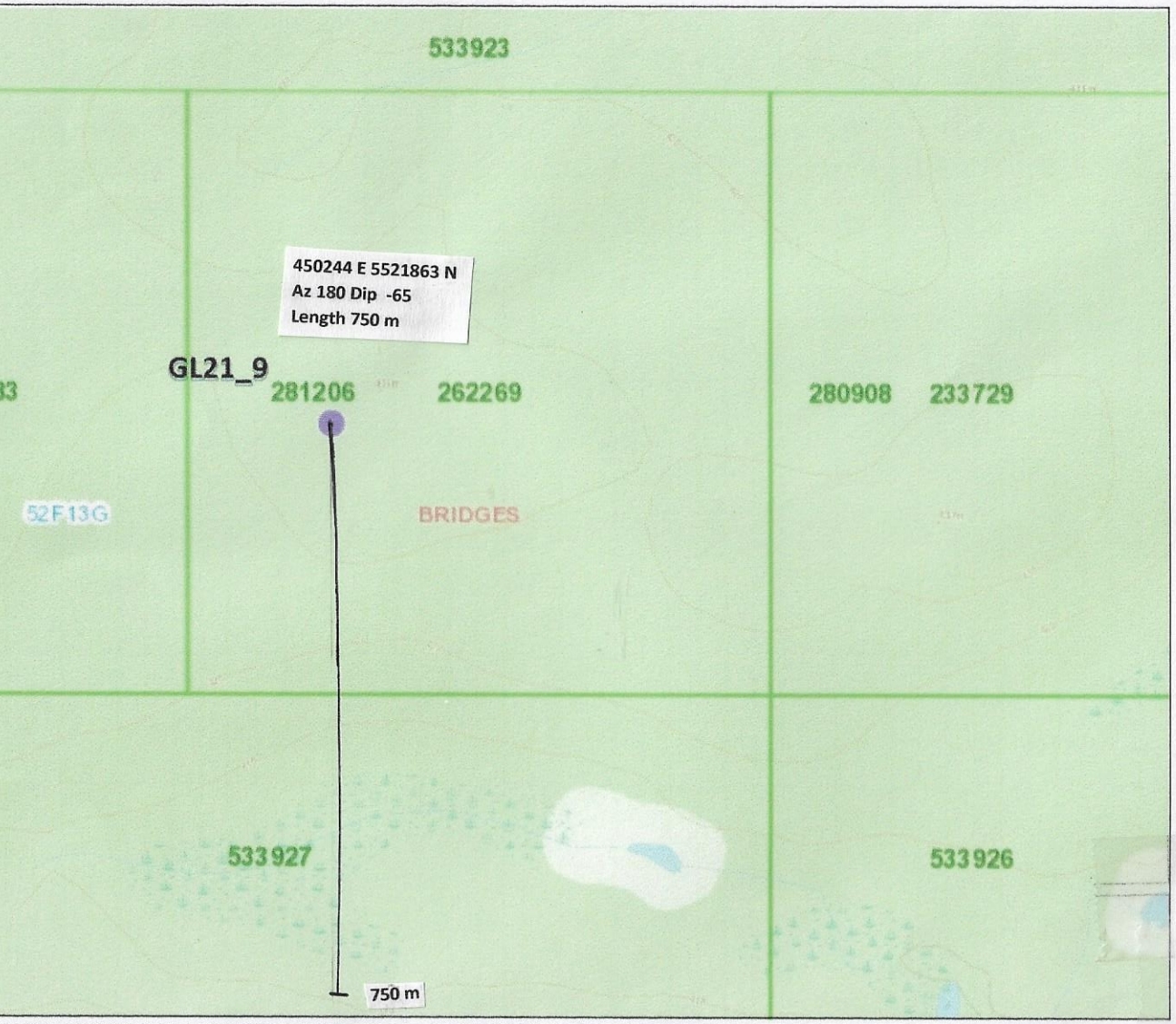
SUMMARY LOG: GL21_9			ASSAY SUMMARY						
From	**To**	**Lithology**	**From**	**To**	**Meters**	**Au g/t**	**Ag g/t**	**Zone**	
0.00	1.85	Overburden							
1.85	17.65	Felsic Tuff / Tuffaceous Greywacke							
17.65	21.75	Conglomerate							
21.75	24.30	Felsic Tuff / Tuffaceous Greywacke							
24.30	51.00	Conglomerate							
51.00	62.20	Chloritic Felsic Tuff / Tuffaceous Greywacke							
62.20	78.40	Cherty Sediments							
78.40	88.30	Chloritic Greywacke							
88.30	96.30	Conglomerate							
96.30	105.20	Chloritic Greywacke							
105.20	118.00	Chloritic Shear Zone							
118.00	127.40	Chloritic Garnetiferous Greywacke							
127.40	140.20	Garnetiferous Greywacke							
140.20	148.20	Chloritic Greywacke							
148.20	149.80	Felsic Tuff /. Tuffaceous Greywacke							
149.80	152.45	Chloritic Greywacke							
152.45	153.35	Pyritic Cherty Sediment							
153.35	163.00	Chloritic Greywacke							
163.00	174.95	Sillimanite Muscovite Altered Felsic Tuff							
174.95	207.00	Chloritic Greywacke							
207.00	222.35	Cherty Sediment / Greywacke							
222.35	224.20	Pegmatite Dyke							
224.20	231.40	Siltstone and Chloritic Greywacke							
231.40	237.10	Sillimanite Muscovite Biotite Altered Felsic Tuff							
237.10	244.90	Greywacke							
244.90	266.90	Sillimanite Muscovite Biotite Potassic Altered Felsic Tuff							
266.90	280.30	Cherty Sediments							
280.30	308.00	Greywacke							
308.00	312.10	Pyritic Silicified Zone							
312.10	321.20	Chloritic Greywacke							
321.20	326.05	Pegmatite Dyke							
326.05	350.10	Greywacke							
350.10	357.75	Pegmatite Dyke							
357.75	367.90	Chloritic Greywacke							

SUMMARY LOG: GL21_9			ASSAY SUMMARY						
From	To	Lithology	From	To	Meters	Au g/t	Ag g/t	Zone	
367.90	386.80	Pegmatite Dyke							
386.80	392.70	Greywacke							
392.70	394.10	Cherty Sediments							
394.10	400.80	Chloritic Greywacke							
400.80	401.40	Pyritic Cherty Sediments							
401.40	403.80	Chloritic Greywacke							
403.80	408.60	Cherty Sediments							
408.60	459.20	Greywacke							
459.20	509.85	Chloritic Biotitic Greywacke							
509.85	530.45	Biotitic Siltstone							
530.35	550.60	Conglomerate							
550.60	567.90	Greywacke to Tuffaceous Greywacke							
567.90	580.30	Chloritic Biotitic Greywacke							
580.30	591.20	Greywacke							
591.20	596.90	Chloritic Greywacke							
596.90	607.70	Garnetiferous Greywacke							
607.00	611.90	Sillimanite Altered Greywacke							
611.90	620.80	Silicified Pyritic Felsic Tuff							
620.80	629.80	Garnetiferous Greywacke							
629.80	654.80	Altered Mineralized Zone							
654.80	657.60	Pegmatite Dyke							
657.60	678.70	Altered Mineralized Zone							
678.70	691.15	Chloritic Biotitic Greywacke							
691.15	697.10	Calc-Silicate and Chloritic Biotitic Greywacke							
697.10	709.80	Calc-Silicate							
709.80	744.80	Calc-Silicate and Chloritic Biotitic Greywacke							
744.80	750.00	Pegmatite Dyke							
	750.00	EOH							
		No artesian conditions encountered							

Ministry of Northern Development, Mines, Natural Resources and Forestry (NDMNRF)
MLAS Map Viewer

MLAS Map

Notes:



Legend

- Provincial Grid Cell
  - Available
  - Pending
  - Unavailable
- Mining Claim
  - Mining Claim
  - Boundary Claim
- Alienation
  - Withdrawal
  - Notice
- NDM Administrative Boundaries
  - NDM Townships and Areas
  - Geographic Lot Fabric
  - UTM Grid 1K
  - UTM Grid 10K
  - Mining Division
  - Mineral Exploration and Development Region
  - CLUPA Protected Area - Far North
  - Resident Geologist District
  - Federal Land Other
  - Native Reserves
  - AMIS Sites
  - AMIS Features
  - Drill Hole
  - Mineral Occurrences
- MLAS Mining History
  - Withdrawal - History
  - Notice - History
  - Mining Claim - History
  - Mining Land Tenure - History
  - Legacy Claim
- Provincial Grid
  - Provincial Grid 250K
  - Provincial Grid 50K

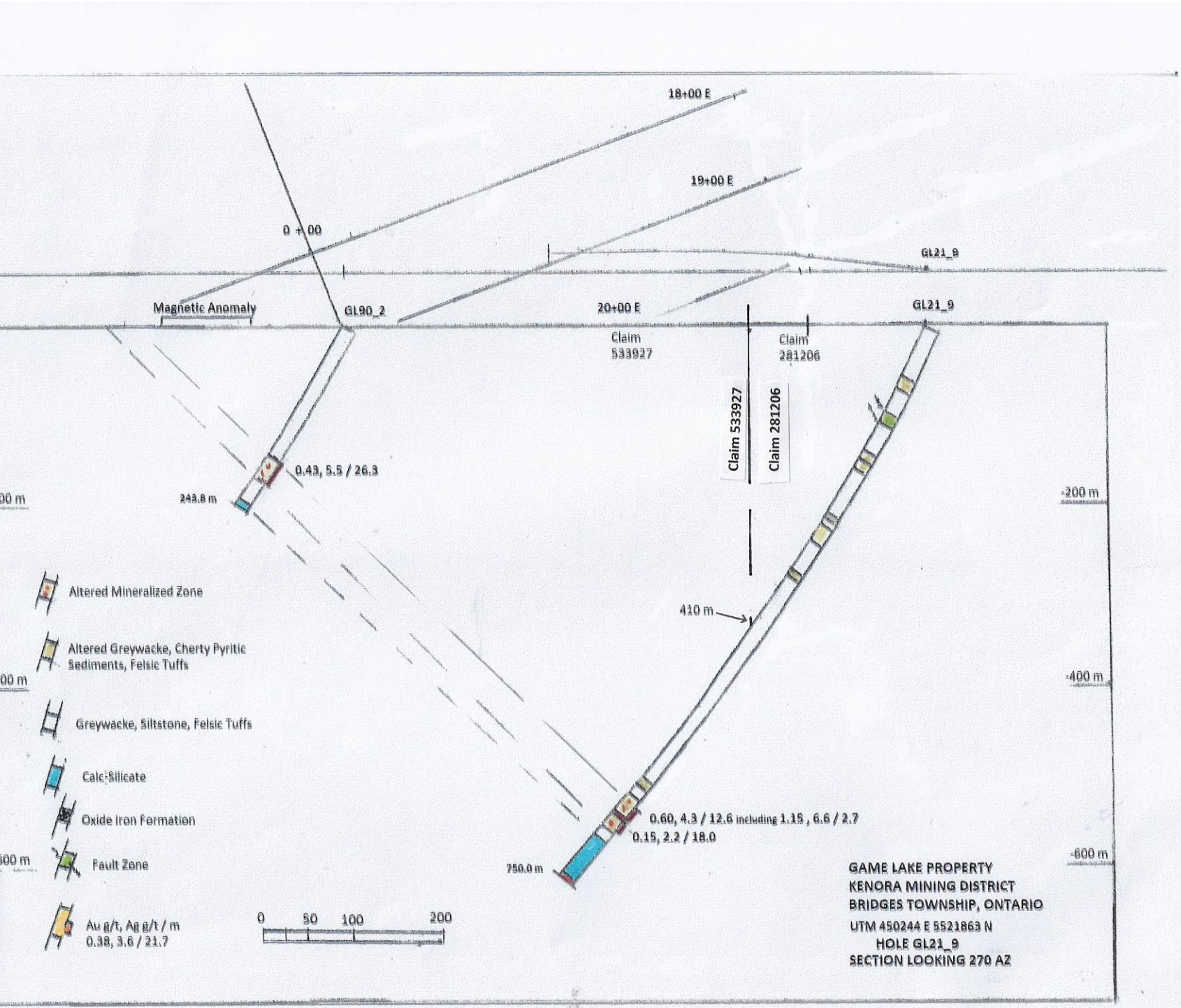
GAME LAKE PROPERTY
KENORA MINING DISTRICT
BRIDGES TOWNSHIP, ONTARIO
UTM 450244 E 5521863 N
HOLE GL21_9

ng claims should consult with the Provincial Mining Recorders' Office of the
ines (NDM) for additional information on the status of the lands shown
ded for navigational, survey, or land title determination purposes as the
p is compiled from various sources. Completeness and accuracy are not

0 0.25 km

Projection: Web Mercator

UTM NAD 83 ZONE 15


18+00 E
19+00 E
0 + 00
GL21_9
Magnetic Anomaly
GL90_2
20+00 E
GL21_9
Claim
533927
Claim
281206
Claim 533927
Claim 281206
0.43, 5.5 / 26.3
243.8 m
200 m
410 m
400 m
600 m
Altered Mineralized Zone
Altered Greywacke, Cherty Pyritic Sediments, Felsic Tuffs
Greywacke, Siltstone, Felsic Tuffs
Calc-Silicate
Oxide Iron Formation
Fault Zone
Au g/t, Ag g/t / m
0.38, 3.6 / 21.7
0.60, 4.3 / 12.6 including 1.15 , 6.6 / 2.7
0.15, 2.2 / 18.0
750.0 m
0 50 100 200
GAME LAKE PROPERTY
KENORA MINING DISTRICT
BRIDGES TOWNSHIP, ONTARIO
UTM 450244 E 5521863 N
HOLE GL21_9
SECTION LOOKING 270 AZ

Note: Detailed drill logs submitted with original report dated April 4, 2022

CERTIFICATE OF QUALIFICATIONS

I, Wayne Russell Benham of 921 Willowdale Ave. in the city of North York in the Province of Ontario.

DO HERBY CERTIFY:

1 That I am a graduate of Queen's University, Kingston, Ontario, Canada with a Bachelor of Science (B.Sc.) Geological Science, 1970

2 That I have been practising my profession as an exploration geologist since 1970.

3 That I was a member of the Association of Professional Geoscientist of Ontario from 2002 to 2014 when I retired from work employment.

4 That I have submitted Assessment Work Technical Reports to the MNDM Geology Ontario since 1970.

5 That I personally supervised the work described in this report.

2021 DRILLING REPORT GAME LAKE PROJECT BRIDGES TOWNSHIP

KENORA MINING DIVISION VERMILLION BAY, ONTARIO NTS 52 F 13

Dated April 4, 2022 (Revisions dated September 15, 2022)

Signed: _____

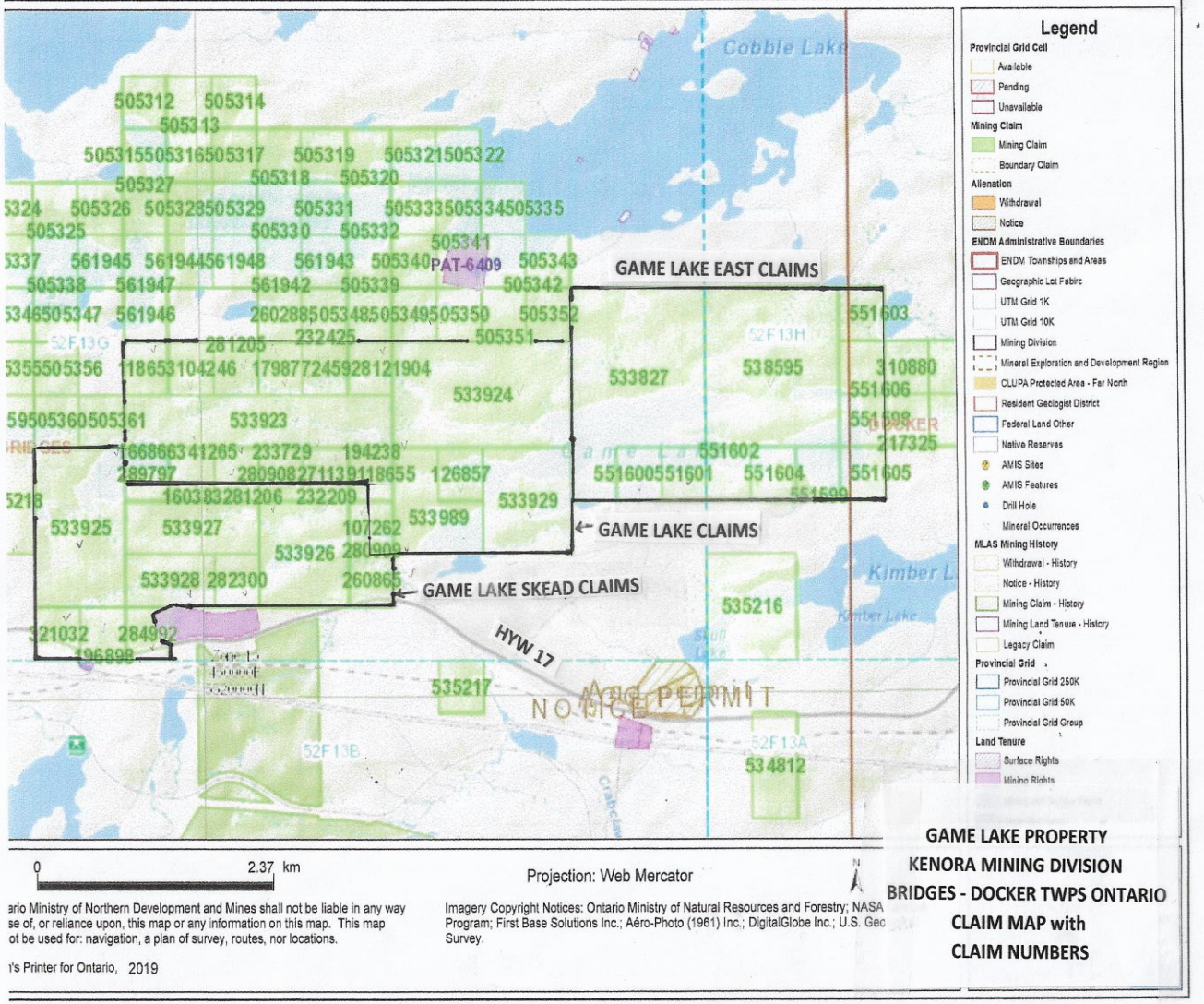
Wayne Russell Benham
North York, Ontario

Dated this September 15, 2022

ntario MINISTRY OF NORTHERN DEVELOPMENT AND MINES
MLAS Map Viewer

MLAS Map

Notes:



0 2.37 km

Projection: Web Mercator

GAME LAKE PROPERTY
KENORA MINING DIVISION
BRIDGES - DOCKER TWPS ONTARIO
CLAIM MAP with
CLAIM NUMBERS

2021 CANADIAN EXPLORATION EXPENDITURES							
Game Lake Project Bridges Township Ontario							
September 1, 2021 to December 31, 2021				**DESCRIPTION**	**AMOUNT**	**HST Tax**	**Net Cost**
				Accomodations	$ 2,410.29	$ 277.29	$ 2,133.00
				Fuel	$ 1,370.09	$ 136.53	$ 1,233.56
				Field Supplies	$ 1,151.36	$ 131.06	$ 1,020.30
				Diamond Drilling	$ 280,248.08	$ 32,240.93	$ 248,007.15
				Storage and Core Shack Rentals	$ 1,864.50	$ 214.50	$ 1,650.00
				Truck Rental	$ 6,731.19	$ 774.39	$ 5,956.80
				Assaying	$ 13,268.44	$ 1,527.55	$ 11,740.89
				Geologist	$ 18,450.00	$ -	$ 18,450.00
				TOTAL	**$ 325,493.95**	$ 35,302.25	**$ 290,191.70**
DISTRIBUTION of ASSESSMENT WORK CREDITS							
Drill Hole	**Metres**	**Claim**	**% of Credits**	**$ Assessment Credits**			
GL21_7	198	**533926**	0.115	**$ 33,290**			
GL21_8	465	**126857**	0.269	**$ 78,180**			
GL21_3ext	313	**533989**	0.181	**$ 52,625**			
GL21_9	410	**281206**	0.238	**$ 68,933**			
GL21-9	340	**533927**	0.197	**$ 57,164**			
	1726		**1.000**	**$ 290,192**			

Invoice No.	DATE	DESCRIPTION	DETAILS	SUPPLIER	AMOUNT	HST Tax	Net Cost
1	06-Sep	Accomodation	1 night	Longlac Inn, Longlac	$ 101.70	$ 11.70	$ 90.00
2	07-Sep	Accomodation	28 nights	Northside Mote, Vermilion Bay	$ 1,582.00	$ 182.00	$ 1,400.00
3	05-Oct	Accomodation	8 nights	Northside Mote, Vermilion Bay	$ 452.00	$ 52.00	$ 400.00
4	13-Oct	Accomodation	1 night	L'oree des Bois Motel, Longlac	$ 122.04	$ 14.04	$ 108.00
5	14-Oct	Accomodation	1 night	Quality Inn, New Liskeard	$ 152.55	$ 17.55	$ 135.00
				SUBTOTAL	**$ 2,410.29**	$ 277.29	**$ 2,133.00**
Invoice No.	**DATE**	**DESCRIPTION**	**DETAILS**	**SUPPLIER**	**AMOUNT**	**HST Tax**	**Net Cost**
6	05-Sep	Fuel		Utramar	$ 92.10	$ 10.60	$ 81.50
7	06-Sep	Fuel		Crevier	$ 77.00	$ 8.89	$ 68.11
8	07-Sep	Fuel		Lake Helen Gas	$ 117.00	$ -	$ 117.00
9	08-Sep	Fuel		Mobil	$ 93.95	$ 10.81	$ 83.14
10	10-Sep	Fuel		Mobil	$ 114.46	$ 13.16	$ 101.30
11	12-Sep	Fuel		Shell	$ 14.19	$ 1.63	$ 12.56
12	16-Sep	Fuel		Mobil	$ 116.45	$ 13.39	$ 103.06
13	21-Sep	Fuel		Mobil	$ 86.56	$ 9.96	$ 76.60
14	23-Sep	Fuel		Mobil	$ 85.15	$ 9.80	$ 75.35
15	28-Sep	Fuel		Mobil	$ 114.12	$ 13.13	$ 100.99
16	04-Oct	Fuel		Mobil	$ 97.96	$ 11.27	$ 86.69
17	07-Oct	Fuel		Shell	$ 25.00	$ 2.88	$ 22.12
18	08-Oct	Fuel		Mobil	$ 60.52	$ 6.96	$ 53.56
19	10-Oct	Fuel		Shell	$ 25.00	$ 2.88	$ 22.12
20	13-Oct	Fuel		Mobil	$ 69.00	$ 7.93	$ 61.07
21	13-Oct	Fuel		Lake Helen Gas	$ 66.51	$ -	$ 66.51
22	15-Oct	Fuel		Esso	$ 115.12	$ 13.24	$ 101.88
				SUBTOTAL	**$ 1,370.09**	$ 136.53	**$ 1,233.56**

Invoice No.	DATE	DESCRIPTION	DETAILS	SUPPLIER	AMOUNT	HST Tax	Net Cost
23	10-Sep	Field supplies	ladder staples, flagging tape	Canadian Tire	$ 141.85	$ 16.32	$ 125.53
24	21-Sep	Field supplies	four 7" diamond saw blades	Rona	$ 90.36	$ 10.40	$ 79.96
25	28-Sep	Field supplies	four 7" diamond saw blades, ties	Rona	$ 137.80	$ 15.86	$ 121.94
26	04-Oct	Field supplies	three 7" diamond saw blades	Rona	$ 128.79	$ 14.82	$ 113.97
27	05-Oct	Field supplies	Diamond saw replacement motor	Canadian Tire	$ 508.49	$ 58.50	$ 449.99
28	08-Oct	Field supplies	rope tarp	Canadian Tire	$ 45.19	$ 3.78	$ 41.41
46	22-Oct	Field supplies	250 sample bags	Actlabs	$ 98.88	$ 11.38	$ 87.50
				SUBTOTAL	**$ 1,151.36**	$ 131.06	**$ 1,020.30**
Invoice No.	**DATE**	**DESCRIPTION**	**DETAILS**	**SUPPLIER**	**AMOUNT**	**HST Tax**	**Net Cost**
29	15-Sep	Diamond Drilling	Invoice # ON07-001	RJLL Forage/Drilling	$ 109,343.60	$ 12,579.35	$ 96,764.25
30	30-Sep	Diamond Drilling	Invoice # ON07-002	RJLL Forage/Drilling	$ 170,904.48	$ 19,661.58	$ 151,242.90
				SUBTOTAL	**$ 280,248.08**	$ 32,240.93	**$ 248,007.15**
Invoice No.	**DATE**	**DESCRIPTION**	**DETAILS**	**SUPPLIER**			
31	10-Sep	Core Shack Rental	Core Shack container rental	Peters Sales and Rentals	$ 1,017.00	$ 117.00	$ 900.00
32	14-Oct	Core Shack Rental	Core Shack container rental	Peters Sales and Rentals	$ 847.50	$ 97.50	$ 750.00
				SUBTOTAL	**$ 1,864.50**	$ 214.50	**$ 1,650.00**
Invoice No.	**DATE**	**DESCRIPTION**	**DETAILS**	**SUPPLIER**	**AMOUNT**	**HST Tax**	**Net Cost**
34	29-Jun	Truck Rental	1 month	Enterprise Rent A Car	$ 4,100.50	$ 471.74	$ 3,628.76
35	12-Aug	Truck Rental	2 weeks	Enterprise Rent A Car	$ 2,630.69	$ 302.65	$ 2,328.04
				SUBTOTAL	**$ 6,731.19**	$ 774.39	**$ 5,956.80**
Invoice No.	**DATE**	**DESCRIPTION**	**DETAILS**	**SUPPLIER**	**AMOUNT**	**HST Tax**	**Net Cost**
36	03-Nov	Assaying batch # 1	35 samples Au	Actlabs invoice # A21-18598	$ 1,235.94	$ 142.19	$ 1,093.75
37	05-Nov	Assaying batch # 4	35 samples Au and 35 multi Element	Actlabs invoice # A21-19126	$ 1,750.09	$ 201.34	$ 1,548.75
38	05-Nov	Assaying batch # 3	35 samples Au and 25 multi Element	Actlabs invoice # A21-19125	$ 1,603.19	$ 184.44	$ 1,418.75
39	05-Nov	Assaying batch # 8	24 samples Au and 24 multi Element	Actlabs invoice # A21-19184	$ 1,200.06	$ 138.06	$ 1,062.00
40	05-Nov	Assaying batch # 7	35 samples Au and 35 multi Element	Actlabs invoice # A21-19182	$ 1,750.09	$ 201.34	$ 1,548.75
41	05-Nov	Assaying batch # 5	35 samples Au and 35 multi Element	Actlabs invoice # A21-19174	$ 1,750.09	$ 201.34	$ 1,548.75
42	05-Nov	Assaying batch # 6	35 samples Au and 35 multi Element	Actlabs invoice # A21-19176	$ 1,750.09	$ 201.34	$ 1,548.75
43	10-Nov	Assaying batch # 2	35 samples Au and 2 Au FA-GRA	Actlabs invoice # A21-19596	$ 1,290.18	$ 148.43	$ 1,141.75
44	17-Nov	Assaying batch # 2	13 samples Au FA-GRA and 35 multi El	Actlabs invoice # A21-19596B	$ 866.71	$ 99.71	$ 767.00
45	17-Dec	Assaying batch # 1	3 samples Au FA-GRA	Actlabs invoice # A21-18598B	$ 72.00	$ 9.36	$ 62.64
				SUBTOTAL	**$ 13,268.44**	$ 1,527.55	**$ 11,740.89**