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2022 Work Assessment Report

“Cane Property”

Claim 719806

Cell I.D. 41P09H334

**Cane Township (M-211)
District of Temiskaming, Ontario
Larder Lake Mining Division**

(Prov. Grid Group 41P09H)

Prepared By:

**Ed Shynkorenko
Prospector License M-25405
MAAP No. 5932**

February 6th 2023

Forward:

The field work detailed in this document, being hand sampling and mapping, was undertaken by the author Edward Shynkorenko and co-pro prospector Peter Hermeston on August 18th 2022. This report is part of an ongoing effort to ascertain the cobalt and nickel potential contained within the area of their claim holdings, and it further builds upon previous sampling efforts undertaken during 2021.

Given the ongoing Covid 19 situation both men (who are vaccinated) accessed the property using separate vehicles, and given that both are now senior citizens, worked together as a two man team practicing social distancing while on the claim block.

The area of interest, being claim 719806, herein referred to as the subject property, is also part of a larger contiguous claim block which includes claims 617482, 617483, 617582 along with claims 742975 to 742978 inclusive. All claims are situated within, or partially within, Lots 2 and 3, Concessions 1 and 2, Cane Township, District of Temiskaming Ontario, Larder Lake Mining Division. All the claims are held equally by the author, Edward Shynkorenko (Client No. 194158), and Peter Hermeston (Client No. 403428). The author is also the “agent” with the appropriate permissions granted for the said claims.

The focus of this report was the investigation of a historical trench and the immediate rock structures nearby where past drilling was undertaken in 1959-60.

All required illustrations, tables, maps, sample location photographs, assay results and required receipts are contained separately within the Appendices of this document and were submitted separately in pdf format.

Expenditure rates for work, transportation, labour, etc., were derived from existing government and industry standards.

Note: As requested by staff of the Geo-Assessment Unit, gas receipts for proof of travel have been included with this submission. However, only expenditures based on the accepted rate of \$0.50 per kilometre are being claimed.

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Introduction & History:

The subject property is located within the historical Cobalt and Elk Lake silver mining camps. In brief, exploration for silver, on and adjacent to the subject property, is believed to have commenced circa 1910. Over the decades the subject property was intermittently held under various staked claims. During the first 70 years of the last century numerous trenches and exploration pits were created along with drilling which occurred on the lands adjacent to, and currently within, the configurations of the subject property.

During the period 1959 to 1960 a total of 16 drill holes were sunk on what is now the subject property. These drill holes were later reported in 1966 by the Windy Hill Mining Corp. Ltd. (W.A Buchan). This drilling occurred within the S/E ¼ of the S ½ of Lot 3, Concession 2, Cane township, which is now the southern portion of the subject property. This drill effort ascertained several intersects of veins at various depths containing displays of cobalt, nickel and copper. However, no assayed results were provided. In 1963 the subject property was included in an overall examination of Solid Silver Mines Ltd. holdings (A. Howe P. Eng. 1963). During this exercise several exploration shafts, adits, trench systems and anomalies were located and mapped.

In 1979-80 the land, adjacent to and comprising a portion of the subject property, was held by Cane Consolidation Explorations. A report produced by J. Willars P.Eng. (1980), addressed geological mapping and gridline cutting along with a modest amount of drilling. The drill cores were assayed for silver, but not cobalt. Discouraging silver values were realized. However, this 1979-80 submission has proven a very worthy starting point by which all proposed exploration efforts can be built upon. Of particular importance to current efforts was Willars meticulous mapping of the cut grid line system, outcrops, veins, faults, shear zones, magnetic anomalies, adit/shaft locations and hundreds of metres of the historic trenches established over the previous decades. The trench systems, when mapped, indicated the presence of cobalt. Although the 1979 cut grid line system mapped by Willars has long since grown in, it had physically tied into the survey fabric of Cane Township, in particular the line of latitude that separates Concession 2 and 3 of Cane Township. That particular tie in with the township survey fabric now easily allows any station or area of interest shown on Willars 1979-80 map to be given a current NAD83 GPS reference, and thus readily located.

Since 1980, the areas near the subject property remained intermittently held under staked claims. These lands were eventually acquired by the author commencing in October of 2020. During the 2021 field season a total of 6 samples were assayed. These samples were taken from the waste rock of several historical trenches located within a narrow (80 metres by 600 metres) zone of the overall claim block running parallel to its eastern border. The said 6 samples, when combined, produced an average value of 1623 ppm Co and 215 ppm Ni within the said zone. The subject property claim was acquired in April of 2022. In August of that year a historical trench located within the subject property, faintly denoted on a map produced by the Windy Hill Mining Corp. in the mid 1960's, was visited by the author and Peter Hermeston, and is the focus of this report.

List of Illustrations:

All required illustrations, tables, maps, sample location photographs, assay results and required receipts are contained within the Appendices of this report which were submitted separately in pdf format.

Location & Ownership:

The subject property, being claim 719806, is also part of a larger contiguous claim block which includes claims 617482, 617483, 617582 along with claims 742975 to 742978 inclusive. All claims are situated within, or partially within Lots 2 and 3, Concessions 1 and 2, Cane Township, District of Temiskaming Ontario, Larder Lake Mining Division. The subject property is located approximately 27 kilometres southeast of the community of Elk Lake, Ontario (*see Appendix A "Location Map / Key Map", Appendix B "Claim Map" and Appendix B-1 "Claim Abstract"*).

All said claims are held 50% by Peter Hermeston (Client # 403428) and 50% by the author Edward Shynkorenko (Client # 194158). The author is also the registered "agent" with the appropriate permissions granted for the said claims.

Access:

Vehicle access to the property is best gained by utilizing Highway No. 65 for approximately 30 kilometres westward from the community of Temiskaming Shores, Ontario, to the hamlet of Kenabeek. Then south for approximately 3 kilometres along a township line road, then due west for approximately 2 kilometres via an intersecting concession road. From this point an additional 3 kilometres of a secondary forest access road trending southwesterly provides access to within 440 metres of the subject property (*see Appendix C "Access Map"*).

Regional & Property Geology:

The regional and property geology is best described by a description contained within a 1963 report produced by A. Howe P. Eng., who described it as follows: *"The property is situated between the silver producing areas of Cobalt and Gowganda. In general, the geology is similar across the whole area and a brief description follows. The oldest rock types are lavas and tuffs of Keewatin age. These are intruded by large granitic stocks and batholiths of Algonian age. Intruding both the Keewatin and Algonian series are quartz diabase dykes classed as Matachewan. These dykes do not intrude the overlying Huronian sediments. The sediments (Cobalt series) consist of conglomerates, greywacke and quartzites, and they overlie the older formations with a great unconformity. These sediments are intruded by a series of sills and dykes classed as Keweenawan in age. The intrusives are almost entirely of quartz diabase composition, except for a small amount of granophyre and the silver-cobalt veins. The earliest rock in the Keweenawan system is the Nipissing quartz diabase sill, which is of paramount importance since the only commercial silver deposits in the Cobalt-Gowganda area are controlled by it. Diabase dykes of later age cut the sill and the sediments, as narrow vertical intrusives."* (*see Appendix D "Regional-Property Geology Map"*)

Regional & Property Geology continued:

Elevations on the property range from 280 metres to 360 metres above sea level. The exposed outcrops of diabase are for the most part steeply sloped eastward. On average, soils consist of an organic "A" horizon covering a shallow coarse gravel, and in some places, a yellowish sand.

The subject property is situated within a traditional Boreal Forest and Great Lakes St. Lawrence Forest transitional zone setting. Forest cover includes cedar, black spruce, black ash, and tamarack in the lower areas changing to a white spruce, white pine, jack pine, aspen, balsam fir, white birch, and red maple over the more elevated areas of the property. The subject property is drained by several intermittent draw systems that eventually drain into the St. Jean Baptiste creek system.

Work Program:

Rationale:

The 2022 effort was to visit a historical trench located near the southwestern corner of the subject property in order to ascertain its cobalt, nickel and base metals potential. It was also to evaluate the area of 1959-60 past drilling on the subject property (S/E ¼ of the S ½ of Lot 3, Concession 2, Cane Twp.).

Daily Log:

On August 18th 2022, the subject property was prospected by Ed Shynkorenko (Lic. M25405 / MAAP No. 5932) and prospector Peter Hermeston (Lic.1003623 / MAAP No. 6559).

Working together as a two man team, an accumulative 1.8 kilometres were traversed while on the subject property and claim block overall. Sampling efforts were focused upon the targeted historical trench, along with exposed outcrops displaying possible mineralization.

Two samples, being CAN07 and CAN07-A were taken from a piece of loose trench rock (mainly diabase) of the said historical trench. This particular rock was comprised of diabase and another igneous rock type displaying a faint yellowish tinge. Thus two separate samples were submitted from this same rock when later halved. This particular trench was also drilled on October 19, 1959 and denoted as Hole #7, being 161 feet in depth. From the later drill core report (1966 Buchan) it is known that at the 27 foot level altered quartzite, diabase and greywacke was encountered; possibly providing a suitable environment for the element vanadium.

Evidence of past drilling near the trench was also discovered being well rusted wire and cables.

Daily Log continued :

Approximately 51 metres southwesterly from the said trench, a previously “washed” outcrop was inspected. This outcrop hosts a greenish exposed vein of what appears to be vivianite (?). The vein is approximately 8 to 12 centimetres in width and exposed for 9 metres. It strikes northeasterly back toward the area of the said trench. A sample, being CAN08, was taken from this vein. A sample of the diabase component of this outcrop was also taken being sample CAN09.



(a vein of possibly vivianite striking northeasterly)

All sample locations were recorded in NAD 83 using a handheld GPS unit (Garmin E-Trex 10 model) and photographed using a digital camera with date coding (Fuji XP 140 model). Routes traversed, and locations of the samples taken, are indicated on the separately submitted work compilation plan (*see Appendix E “Work Compilation Plan”*).

Date coded photographs of the actual sampled locations are provided (*see Appendix F “Sample Location Photographs”*). The assayed results of the samples are also provided (*see Appendices G and G-1 “Assay Results”*).

Vehicle and labour rates along with required receipts and rationales are provided (*see Appendix H “Required Receipts & Expenditure Rates Rationale”*). Receipts for assay processing are also provided (*see Appendices H-1 and H-2 “Assay Receipts”*).

Conclusions:

Sample CAN07 produced non-commercial values for cobalt, nickel or any of the elements tested.

However, sample CAN07-A taken from the same piece of loose trench rock, while producing similar assay values as CAN07, also produced a notable value for vanadium of 627 ppm and strontium at 330 ppm. Also, yttrium values within CAN07-A were 45 ppm higher than those within CAN07.

Sample CAN08, taken from the greenish vein previously described, produced non-commercial values for any of the elements tested. Although thought to be vivianite, exactly what this vein is remains undetermined.

Sample CAN09 taken from the diabase component of the said outcrop produced non-commercial values for any of the elements tested.

Recommendations:

Further examination of the historic trench and surrounding area should be undertaken to determine if the vanadium component can be further traced.

Efforts to undertake further sampling in the areas of the previously mentioned 1959-60 drilling should also be considered.

As such, it is recommended that further work on the subject property be undertaken.

Author Qualifications:

The author is an honour graduate of the Sault College of Applied Arts and Technology forestry program (1980), and is now a retiree of the Ministry of Natural Resources & Forestry. Throughout the past 4 decades he has been exposed to numerous mining projects (Hemlo, Detour Lake, and Agrium). The author continues in the ongoing process of expanding his knowledge base in order to augment his prospecting efforts.

Prospecting remains his life-long hobby.

Communications (Direct & Indirect):

Peter Hermeston, fellow prospector, North Bay, Ontario.
Heather Martin, Natural Resources Canada.

References:

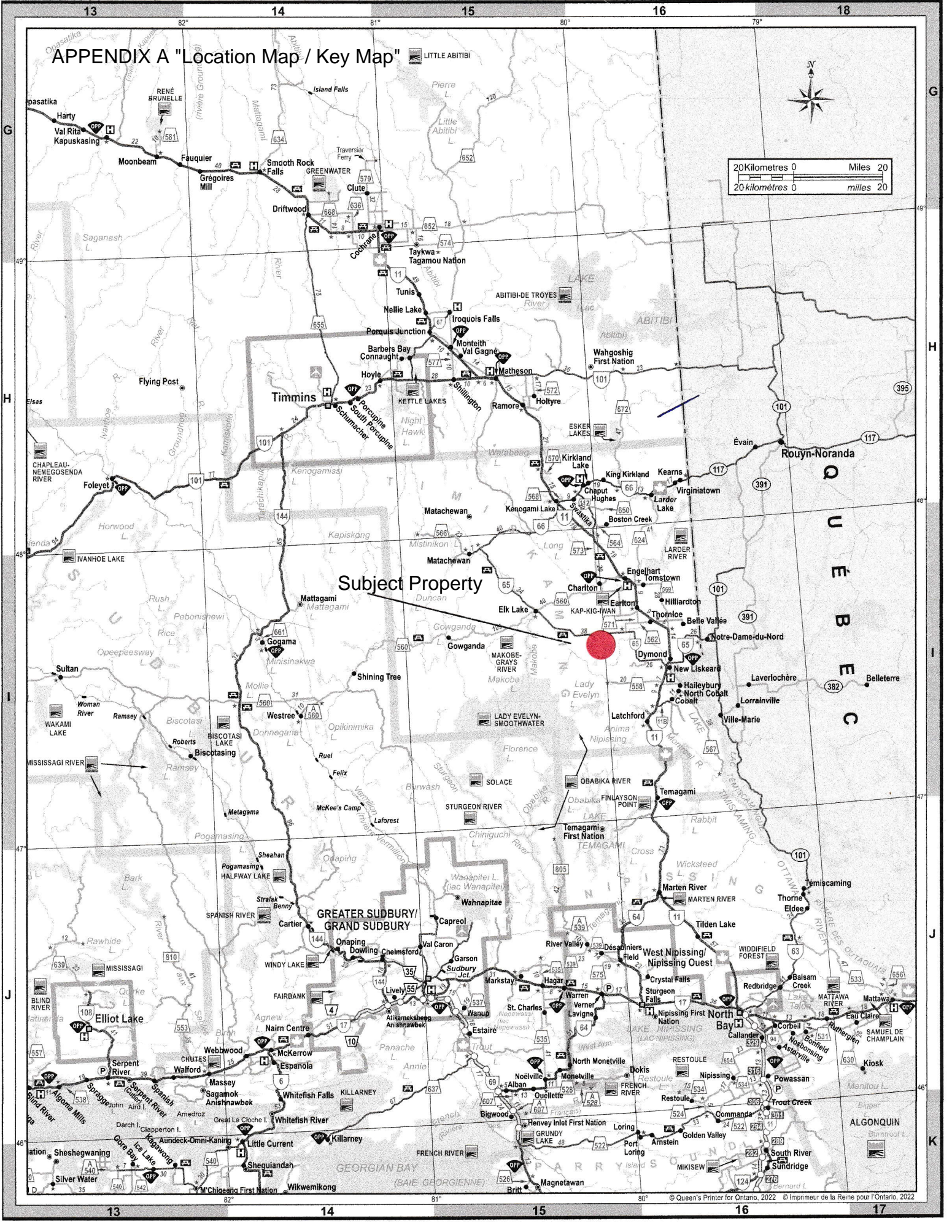
“Geology of the Northern Portion of Solid Silver Mines Property Cane-Auld Townships Timiskaming District, Ontario” (A.C.A Howe, P. Eng. 1963) MNDM File 41P09SE0002 63A.437 Cane Twp.

Mining Exploration Report Cane Consolidated Explorations Ltd., Cane Twp. Ontario (J.G. Willars P. Eng. 1980) MNDM File 41P09SE0001 2.3429 Cane Twp.

Report No. 12, Windy Hill Mining Corp., Ltd. (Buchan 1966). Cane Township, MNDM File 41P09SE0007 12 Cane.

Numerous other Geology Ontario records pertaining to Cane Township.

APPENDIX A "Location Map / Key Map"



Subject Property

GREATER SUDBURY/
GRAND SUDBURY

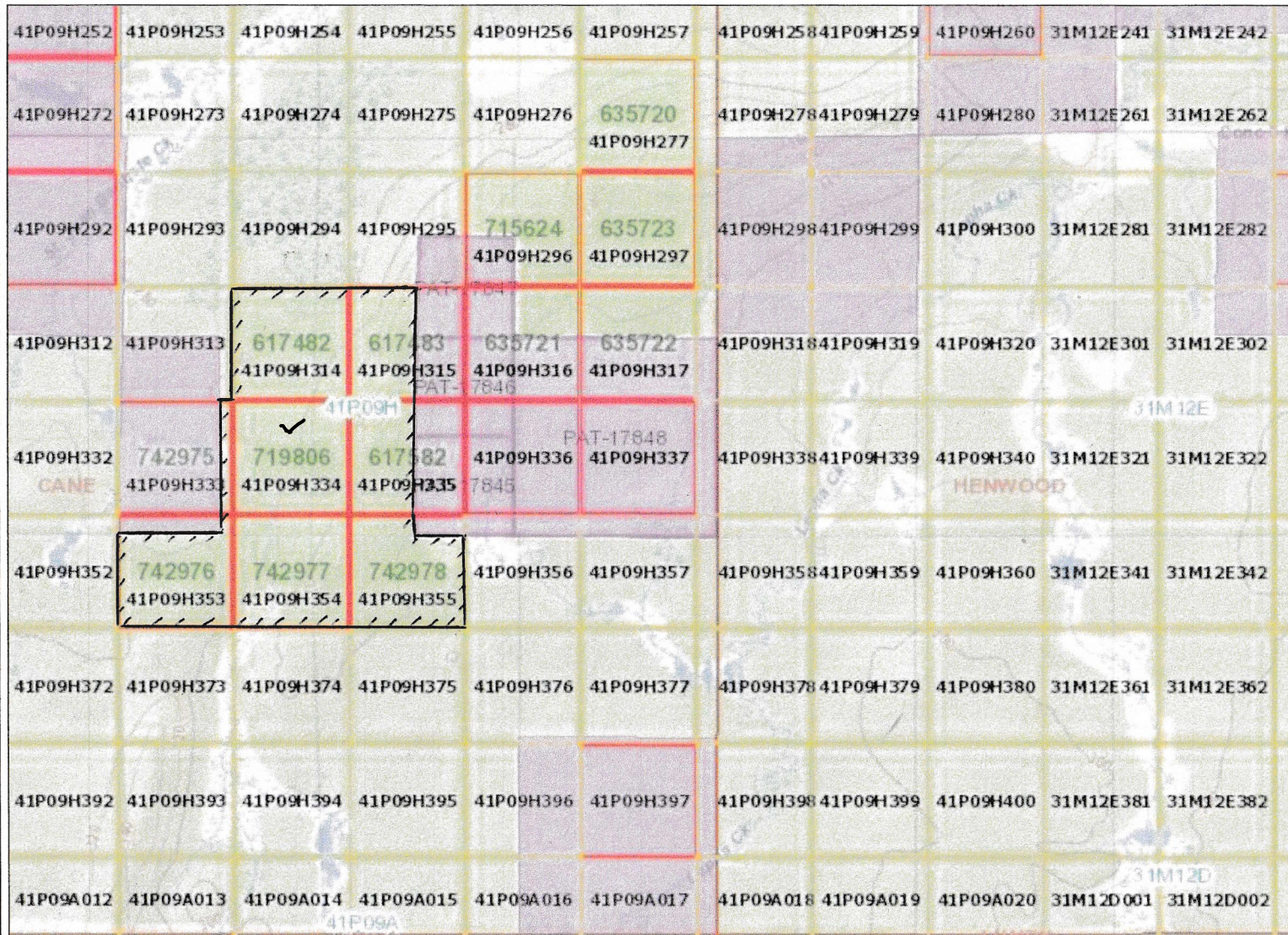


APPENDIX B

Notes:

Claim Block Boundary

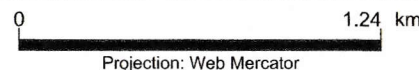
Subject Property



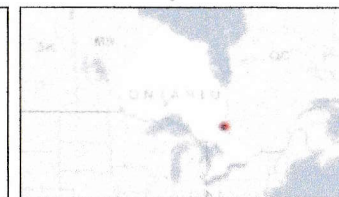
Legend

- Provincial Grid Cell**
 - Available
 - Pending
 - Unavailable
- Mining Claim**
 - Mining Claim
 - Boundary Claim
- Alienation**
 - Withdrawal
 - Notice
- MINES Administrative Boundaries**
 - MINES 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 Ministry of Mines (MINES) 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 Ministry of 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 Ministry of Mines (MINES) web site.



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APPENDIX B-1 "Claim Abstract" **Claim Abstract**
719806

Status: Active

Cell Claim Type: Single Cell	Due Date: 15-Apr-2024	Total Reserve: 0
Special Status: N	Total Work: 0	Assessment Assmnt: 50000
Number of Cells: 1	Work Required: 400	Consultation Reserve: 0
Registration Date: 15-Apr-2022	Total Payment In Place: 0	Exploration Reserve: 0
Anniversary Date: 15-Apr-2024	Last Paid in Place Date:	
UTM Zone: 17	Mining Division: Larder Lake	
MNR District: Kirkland Lake	Township Name: CANE	

Cell ID(s)	41P09H334
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Client Number	Recorded Holder(s)	Percent
194158	EDWARD SHYNKORENKO	50
403428	PETER HERMESTON	50

Claim Abstract
719806
Status: Active

Event #	Recorded By	Event Description	Abstract Wording	Event Date
1377590	PETER HERMESTON	Complete Transfer of Mining Claim(s)	EDWARD SHYNKORENKO (194158) Transfers 50% to PETER HERMESTON (403428)	19-Apr-2022
1375285	MLAS System internal	Mining claim acquisition notification handling	Confirmation of Registration Not Required	15-Apr-2022
1375280	EDWARD SHYNKOREN	Register a Mining Claim	Registered By EDWARD SHYNKORENKO (194158)	15-Apr-2022

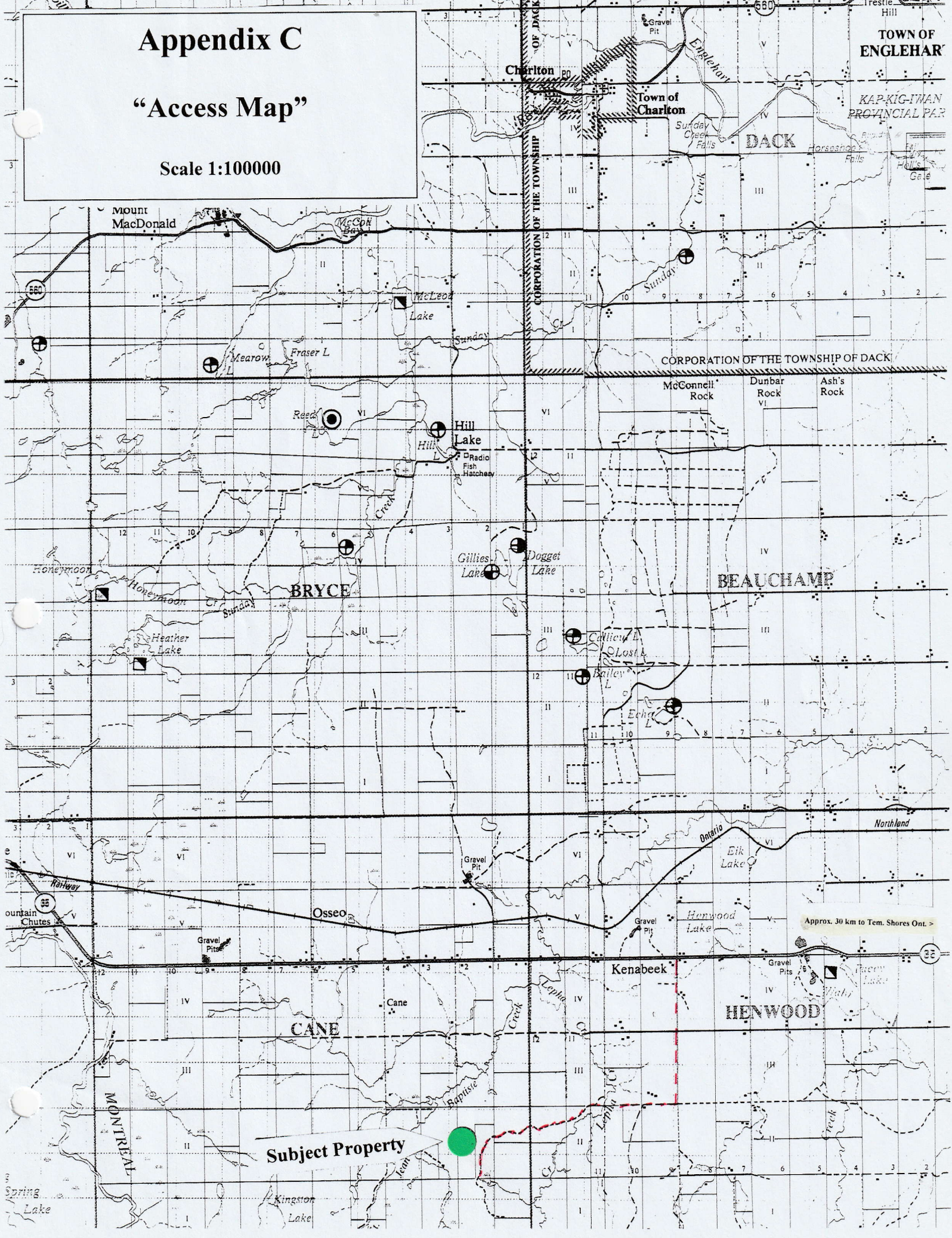
Reservations under the Mining Act may apply

Note: Status of Claim is based on information currently on record.

Appendix C

"Access Map"

Scale 1:100000



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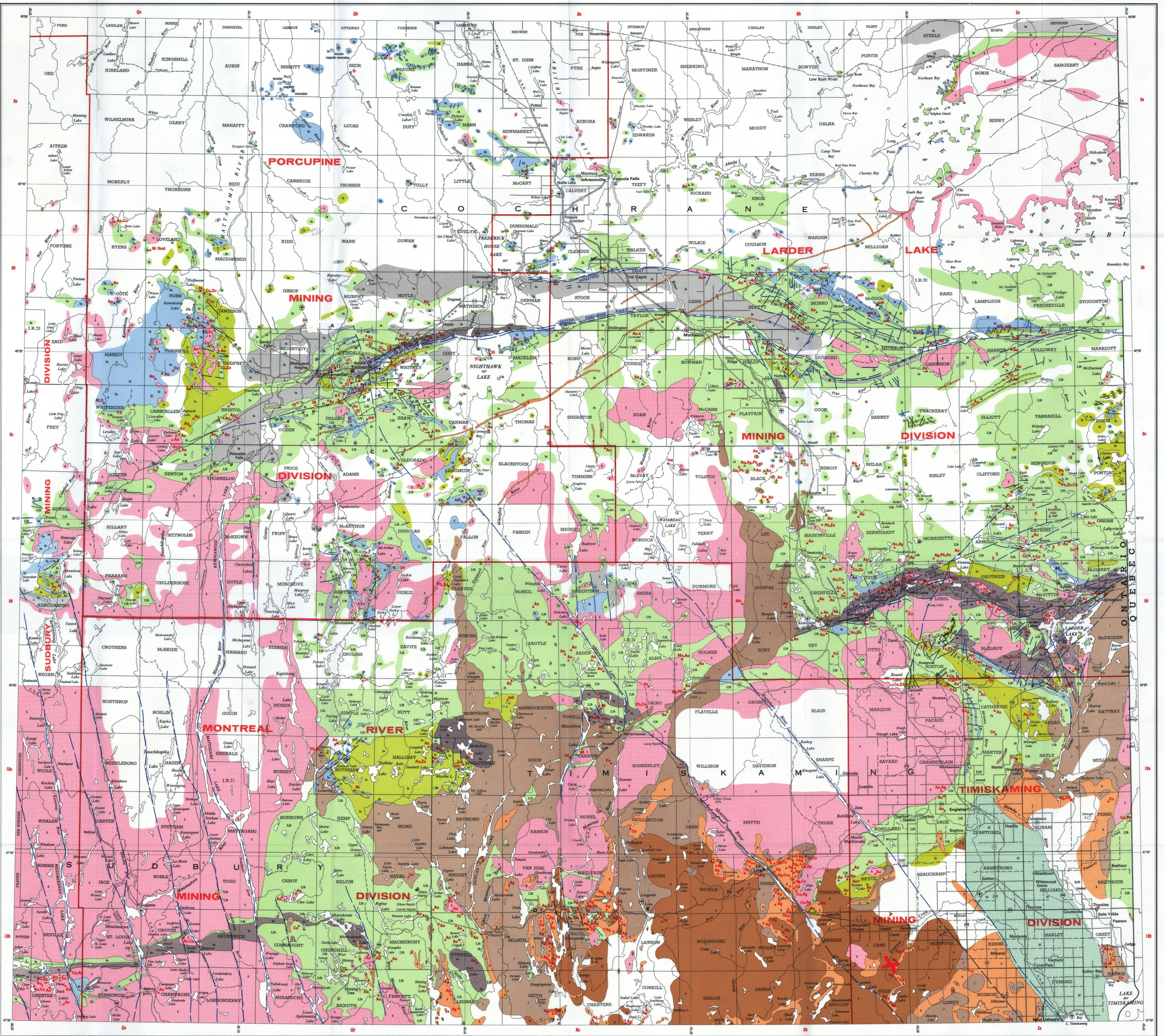
APPENDIX D

"Regional-Property Geology Map"

Approx. Loc. of Subject Property

ONTARIO DEPARTMENT OF MINES
HON. G. C. WARDLAW, Minister of Mines
D. P. Douglas, Deputy Minister M. E. Hunt, Director, Geological Branch

Map 2046
TIMMINS-KIRKLAND LAKE SHEET
Geological Compilation Series



LIST OF PRODUCING MINES

PORCUPINE AREA	
1 Auror Gold Mines Ltd. (1966)	.....Au, Ag
2 Bruden Reef Mines Ltd. - Porcupine Reef (1966)	.....Au, Ag
3 Canadian John-Manville Co. Ltd. - Munro Mine (1958)	.....Au, Ag
4 Daniels Mines Ltd. (1966)	.....Au, Ag
5 Dome Mines Ltd. (1966)	.....Au, Ag
6 Hallor Mines Ltd. (1966)	.....Au, Ag
7 Hollinger Consolidated Gold Mines Ltd. (1966)	.....Au, Ag
8 Hollinger Consolidated Gold Mines Ltd. - Rose Mine (1966)	.....Au, Ag
9 High-Ram Porcupine Mines Ltd. (1966)	.....Au, Ag
10 Kam-Kotia Porcupine Mines Ltd. (1966)	.....Au, Ag
11 McIntyre Porcupine Mines Ltd. (1966)	.....Au, Ag
12 Pomor Porcupine Mines Ltd. (1966)	.....Au, Ag
13 Preston Mines Ltd. (1966)	.....Au, Ag
KIRKLAND LAKE-LARDER LAKE AREA	
14 Jones & Laughlin Steel Corp. - Adams Mine (1967)	.....Fe
15 Kerr-Addison Gold Mines Ltd. (1967)	.....Au, Ag
16 Lake Shore Mines Ltd. (1967)	.....Au, Ag
17 Macassa Mines Ltd. (1967)	.....Au, Ag
18 Tech-Hughes Gold Mines Ltd. (1967)	.....Au, Ag
19 Upper Canada Mines Ltd. (1967)	.....Au, Ag
20 Wright-Horsman Mines Ltd. (1967)	.....Au, Ag
GOWANDA AREA	
21 McIntyre Porcupine Mines Ltd. - Castle-Toberry (1967)	.....Au, Co
22 Steco Metals of Ontario Ltd. (1967)	.....Au, Co
23 Miller Lake O'Brien (1967)	.....Au, Co
COBALT AREA	
24 Langit Silver & Cobalt Mining Co. Ltd. - Coney Cobalt (1967)	.....Au, Co

LIST OF PAST-PRODUCING MINES

PORCUPINE AREA	
25 Banner Porcupine Mines Ltd. - Scottish Crown Mine (1968)	.....Au, Ag
26 Bruden Reef Mines Ltd. - Bonwell Mine (1968)	.....Au, Ag
27 Bonwell Mine (1968)	.....Au, Ag
28 Bruden Reef Mines Ltd. - Bruden Reef Mine (1968)	.....Au, Ag
29 Buffalo America Gold Mines Ltd. (1968)	.....Au, Ag
30 Consolidated Gold Mines Ltd. (1968)	.....Au, Ag
31 Consolidated Gold Mines Ltd. - Consol Mine (1968)	.....Au, Ag
32 Kuller Property - Edwards Claim (1968)	.....Au, Ag
33 Gold City Porcupine Mines Ltd. (1968)	.....Au, Ag
34 Porcupine Lake Mines Ltd. (1968)	.....Au, Ag
35 Goldhawk Porcupine Mine (1968)	.....Au, Ag
36 Noyla Mining Co. Ltd. (1968)	.....Au, Ag
37 Hays Explorations Ltd. - Porcupine Peninsula Mine (1968)	.....Au, Ag
38 Kesteven Mines Ltd. - Naypod Mine (1968)	.....Au, Ag
39 Moneta Porcupine Mines Ltd. (1968)	.....Au, Ag
40 Monro Cross Mines Ltd. (1968)	.....Au, Ag
41 Nishnabos Mining Co. Ltd. - Bowman Mine (1968)	.....Au, Ag
42 Nishnabos Mining Co. Ltd. - Chesterton Mine (1968)	.....Au, Ag
43 New Hope Porcupine Gold Mines Ltd. - De Sante Mine (1968)	.....Au, Ag
44 New Hope Porcupine Gold Mines Ltd. - Praston Mine (1968)	.....Au, Ag
45 Praston Mines Ltd. - Porcupine Pit Mine (1968)	.....Au, Ag
46 Praston Mines Ltd. - Praston Mine (1968)	.....Au, Ag
47 Westfield Minerals Ltd. - Contaminium Mine (1968)	.....Au, Ag
KIRKLAND LAKE-LARDER LAKE AREA	
48 Amity Mine (1968)	.....Au, Ag
49 Associated Areas Nickel Mines Ltd. - Toloum Mine (1968)	.....Au, Ag
50 Barry-Hollinger Mines Ltd. (1968)	.....Au, Ag
51 Bricos Mines Ltd. - Ridgwood Mine (1968)	.....Au, Ag
52 Can-Gin Mines Ltd. - Ripon Mine (1968)	.....Au, Ag
53 Deviser Mines Ltd. - Bourne (1968)	.....Au, Ag
54 Galtair Mines Ltd. - Golden Gate Mine (1968)	.....Au, Ag
55 Kesteven Mines Ltd. - Chesterton Mine (1968)	.....Au, Ag
56 Kirkland Mines Corp. Ltd. - Kirkland Lake Gold Mine (1968)	.....Au, Ag
57 Lake Beaverhouse Mines Ltd. - Argonaut Mine (1968)	.....Au, Ag
58 Lampro Gold Mines Ltd. - Omega Mine (1968)	.....Au, Ag
59 Mirado Nickel Mines Ltd. - Caskey Larder Mine (1968)	.....Au, Ag
60 Morris-Kirkland Gold Mines Ltd. (1968)	.....Au, Ag
61 Patterson Mines Ltd. - Fidelity Mining & Investment Corp. (1968)	.....Au, Ag
62 Fidelity Mining & Investment Corp. (1968)	.....Au, Ag
63 Fidelity Mining & Investment Corp. (1968)	.....Au, Ag
MATACHEWAN AREA	
64 Floyd Property - Matrow Mine (1968)	.....Au, Ag
65 Matachewan Consolidated Mines Ltd. (1968)	.....Au, Ag
66 Mac-Cro Mines Ltd. - Ripon Mine (1968)	.....Au, Ag
67 Silverstream Lake Mines Ltd. (1968)	.....Au, Ag
68 Young Davidson Mines Ltd. (1968)	.....Au, Ag
GOWANDA AREA	
69 Consolidated Morrison Explorations Ltd. (1968)	.....Au, Co
70 Tyrantite Mines Ltd. (1968)	.....Au, Co

MINERAL PRODUCTION AND RESOURCES

In 1967, mines located within the Timmins-Kirkland Lake sheet produced gold, silver, cobalt, nickel, copper and asbestos. Production of iron ore was also reported in the area. The area also contains deposits of lead, zinc, tungsten, barite, molybdenum, sand and gravel.

Gold is produced at the Porcupine (Timmins) and Kirkland Lake-Larder Lake mining camps and was formerly produced at the Matachewan camp. Antimony deposits also occur along the belt extending east of the Porcupine camp, in the Shingogee area, Bryon Township, and other localities indicated on the map.

Silver, cobalt, nickel and copper are produced in the Gowanda area and in Casey Township (Cobalt area); numerous silver-cobalt deposits occur in the St. Lawrence area.

Copper is produced at the Kam-Kotia Porcupine mine, west of Timmins, and at the McIntyre Porcupine mine in the Porcupine area. There are also several copper occurrences in the Boston area. Nickel was formerly produced at the Adams mine, located northeast of Timmins.

There are several occurrences of asbestos east of Mattson but production is limited to the Munro mine of the Canadian John-Manville Company. There are also occurrences of asbestos in the Timmins area and west of Mattson.

Iron ore production will come from the Adams mine of Jones and Laughlin Steel Corporation, located southeast of Kirkland Lake. There are other occurrences of iron formation within the map sheet.

The total value of mineral production from the map area to the end of 1962 amounted to approximately \$2,070,000,000. Of this amount, the Porcupine camp has produced gold and silver valued at \$1,471,000,000; value of production from the Kirkland Lake-Larder Lake camp is \$1,049,000,000. The balance of other minerals produced is as follows:

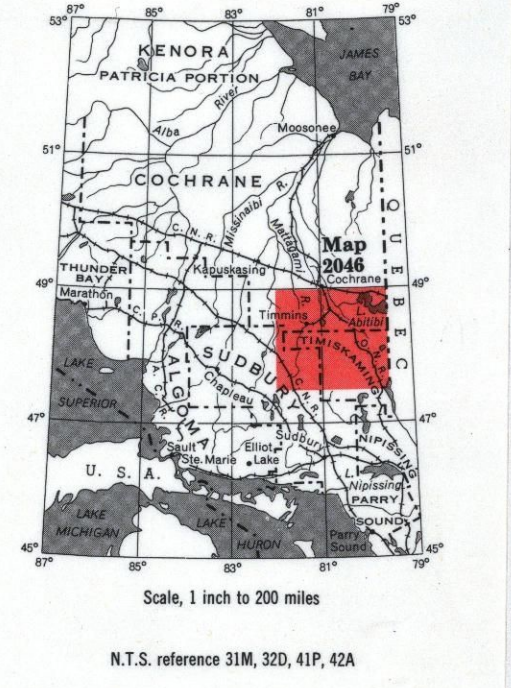
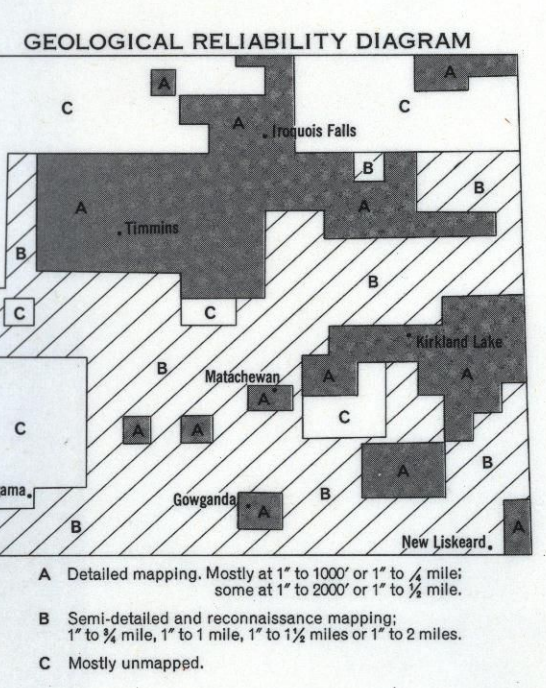
Asbestos: \$50,000,000	Silver: \$43,000,000
Cobalt: \$ 1,042,000	Copper: \$ 3,800,000

HOW TO OBTAIN ADDITIONAL INFORMATION

Published geological maps covering this sheet are indicated on the Index Map (1959A) of the Ontario Department of Mines, Toronto, and on index sheets 41, 42, 31 and 32 of the Geological Survey of Canada, Ottawa.

Six uncoloured preliminary maps covering this sheet may be obtained from the Publication Office, Ontario Department of Mines, Toronto. These are at the scale of one inch equals two miles and are numbered below: P-101 Timmins sheet, P-102 Kirkland Lake sheet, P-103 Gowanda sheet, P-104 Timmins sheet, P-105 Kirkland Lake sheet, P-106 Gowanda sheet. The balance of other minerals produced is as follows:

Information on current developments of the mineral industry may be obtained from the annual review of the Ontario Department of Mines, published in the early months of each year.



LEGEND

CENOZOIC	
PLEISTOCENE AND RECENT	Sand, gravel, clay (larger areas only)
UNCONFORMITY	
PALEOZOIC	
ORDOVICIAN AND SILURIAN	
10 Dolomite, limestone, shales, sandstone	
UNCONFORMITY	
PRECAMBRIAN	
PROTEROZOIC	
KREWEENAW AND MATACHEWAN	
9 Diabase	
INTRUSIVE CONTACT	
HURONIAN SYSTEM	
11 Gabbro, anorthosite, mafic gneiss	
12 Quartzite, arkose	
UNCONFORMITY	
13 Gowanda Formation	
14 Conglomerate, arkose, greywacke	
UNCONFORMITY	
ARCHEAN	
ACID INTRUSIVE ROCKS*	
6 Granite, gneiss, and associated	
BASIC AND ULTRABASIC INTRUSIVE ROCKS*	
7 Undifferentiated: 2a Gabbro, diorite, 2b Peridotite, gneiss, and associated rocks	
8 Trachytic volcanic rocks, ultrabasic contact	
SEDIMENTARY ROCKS*	
4a Conglomerate, greywacke, 4b Trachytic volcanic rocks, unconformity	
SEDIMENTARY ROCKS*	
3 Undifferentiated: 3a Conglomerate, greywacke, 3b Gneiss, schist, and gneiss derived from sediments and possibly basic and ultrabasic rocks	
5 Iron formation	
BASIC VOLCANIC ROCKS*	
2 Undifferentiated: 2a Andesite, basalt, basic pyroclastic, 2b Interflow sedimentary rocks	
Iron formation	
ACID AND INTERMEDIATE VOLCANIC ROCKS*	
1 Undifferentiated: 1a Rhyolite, trachyte, and acid pyroclastic rocks, 1b Diabase	

*A, B, C, D, formerly classified as Keweenaw, Timiskaming, Huronian, and Algonian respectively.

SYMBOLS

Geological boundary	—
Synclinal axis	—
Anticlinal axis	—
Fault	—
Syncline mineralization	—
Altitude in feet above mean sea level	—
River, with station or depth	—
Railway, with station or stop	—
Motor road, provincial number indicated where applicable	—
Other roads	—
Aircraft landing facilities	—
Larger community	—
Smaller community	—
Producing mine	—
Past producing mine	—
Mineral occurrence	—
Resident Geologist's office, Kirkland Lake, Timmins	—
Mining Recorder's office, 25 Lake, Kirkland Lake, Timmins	—
Mining Division boundary	—
Interdivisional boundary	—
District boundary	—
Township boundary	—
Line of section	—

MINERAL OCCURRENCES REFERENCE

Au	Gold	Ag	Silver
Co	Cobalt	Ni	Nickel
Cu	Copper	Pb	Lead
Zn	Zinc	U	Uranium
As	Asbestos	W	Tungsten
Fe	Iron		

SOURCES OF INFORMATION

Geological compilation by R. M. Ginn, Resident Geologist, Timmins, and R. S. Ginn, Resident Geologist, Kirkland Lake, R. Thomson, Resident Geologist, Cobalt, E. E. Thomson, Chief Geologist, Toronto and R. S. Fenwick, 1967, 1968.

Geology from published maps of the Ontario Department of Mines, Geological Survey of Canada and unpublished maps of mining companies.

Cartography by F. W. Dawson, Ontario Department of Mines, 1968.

Base maps compiled from National Topographic Series sheets: P-101, P-102, P-103, P-104, P-105, P-106, P-107, P-108, P-109, P-110, P-111, P-112, P-113, P-114, P-115, P-116, P-117, P-118, P-119, P-120, P-121, P-122, P-123, P-124, P-125, P-126, P-127, P-128, P-129, P-130, P-131, P-132, P-133, P-134, P-135, P-136, P-137, P-138, P-139, P-140, P-141, P-142, P-143, P-144, P-145, P-146, P-147, P-148, P-149, P-150, P-151, P-152, P-153, P-154, P-155, P-156, P-157, P-158, P-159, P-160, P-161, P-162, P-163, P-164, P-165, P-166, P-167, P-168, P-169, P-170, P-171, P-172, P-173, P-174, P-175, P-176, P-177, P-178, P-179, P-180, P-181, P-182, P-183, P-184, P-185, P-186, P-187, P-188, P-189, P-190, P-191, P-192, P-193, P-194, P-195, P-196, P-197, P-198, P-199, P-200, P-201, P-202, P-203, P-204, P-205, P-206, P-207, P-208, P-209, P-210, P-211, P-212, P-213, P-214, P-215, P-216, P-217, P-218, P-219, P-220, P-221, P-222, P-223, P-224, P-225, P-226, P-227, P-228, P-229, P-230, P-231, P-232, P-233, P-234, 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APPENDIX E

Claims 719806
(Prov. Grid Cell 41P09H334)

Cane Township
District of Temiskaming Ont.
Larder Lake Mining Division

Provincial Grid Group
41P09H

Scale 1:4000

Zone 17 NAD83

Legend

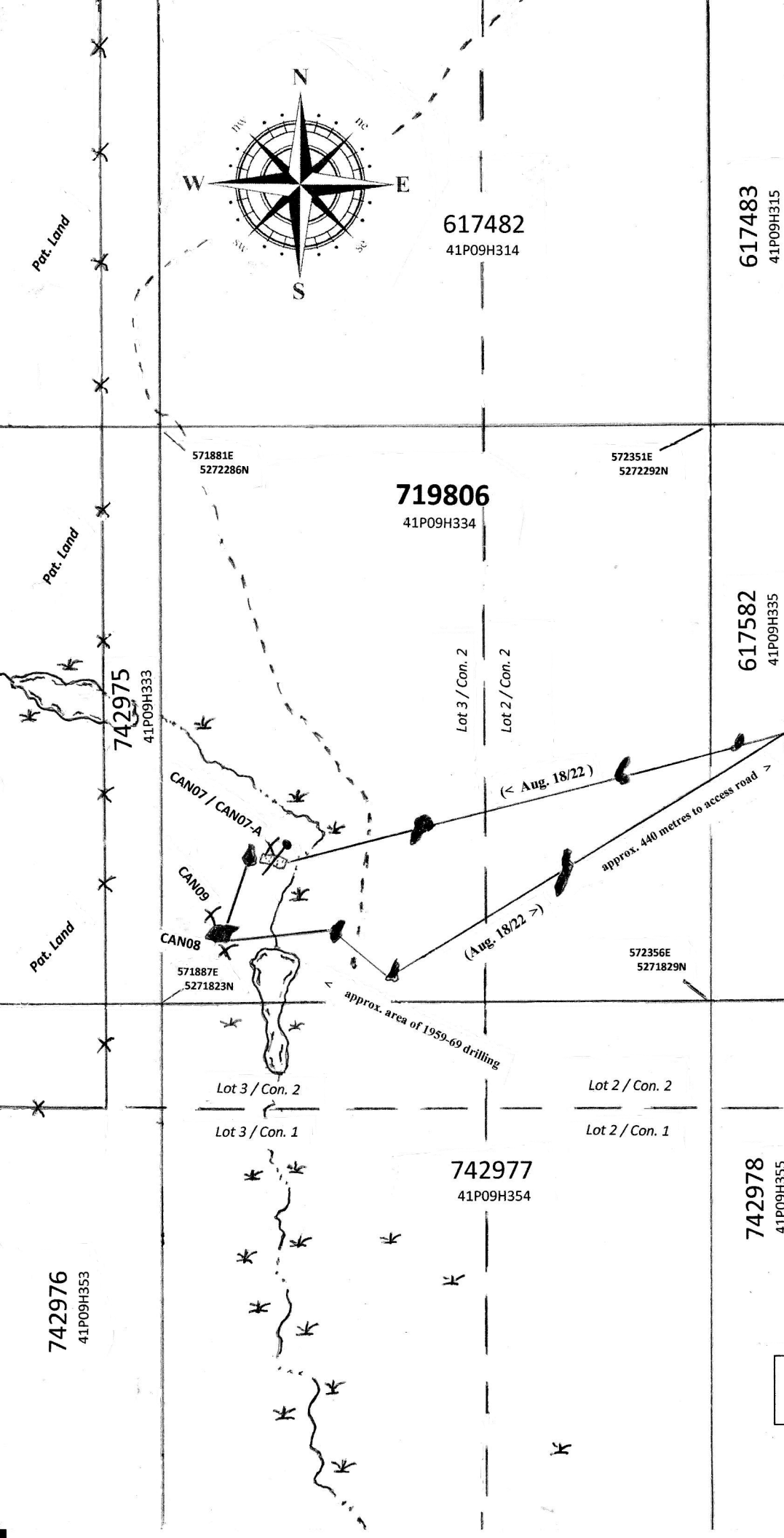
- Claim Boundary
- Traverse Line & Date (Aug. 18/22 >)
- Lot/Conc. Lines
- Rock Outcrop
- Trench
- Trail
- Patented Land Boundary
- Sample Location CAN09
- Swamp
- Claim Corner Loc. Est. by MLAS 572356E 5271829N
- Creek
- Approx. Location of Drill Hole

Sample Tag No.	Sample Type	Coord. NAD 83
CAN07	Rock	0571981E x 5271943N
CAN07-A	Rock	0571981E x 5271943N
CAN08	Rock	0571930E x 5271878N
CAN09	Rock	0571928E x 5271884N

0 m 80 m 160 m

(1 centimetre = 40 metres)

Prepared by: Edward Shynkorenko
February 6 2023



742976
41P09H353

742975
41P09H333

719806
41P09H334

617482
41P09H314

617483
41P09H315

617582
41P09H335

742978
41P09H355

Lot 3 / Con. 2

Lot 2 / Con. 2

Lot 3 / Con. 1

Lot 2 / Con. 1

742977
41P09H354

571881E
5272286N

572351E
5272292N

571887E
5271823N

572356E
5271829N

Pat. Land

Pat. Land

Pat. Land

Lot 3 / Con. 2

Lot 2 / Con. 2

approx. area of 1959-69 drilling

(< Aug. 18/22)

(Aug. 18/22 >)

approx. 440 metres to access road >

APPENDIX F

“Sample Location Photographs”



CAN07 & CAN07A
571981E x 5271943N
Zone 17 NAD83
August 18 2022



CAN08
571930E x 5271878N
Zone 17 NAD83
August 18 2022



CAN09
571928E x 5271884N
Zone 17 NAD83
August 18 2022



APPENDIX G

Report No.: A22-12065
Report Date: 28-Sep-22
Date Submitted: 23-Aug-22
Your Reference:

Ed Shynkorenko
760 Concession 6 & 7
Cochrane
Ontario P0L 1C0

ATTN: Ed Shynkorenko

CERTIFICATE OF ANALYSIS

3 Rock samples were submitted for analysis.

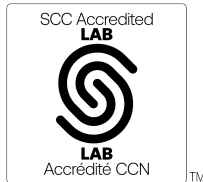
The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2022-09-28 07:53:17
1E3-Timmins	QOP AquaGeo (Aqua Regia ICPOES)	2022-08-30 13:23:09

REPORT A22-12065

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Notes:

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



LabID: 709

ACTIVATION LABORATORIES LTD.
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CERTIFIED BY:

Rob Hoffman
Region Manager

Results

Activation Laboratories Ltd.

Report: A22-12065

Analyte Symbol	Au	Pd	Pt	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg
Unit Symbol	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Lower Limit	2	5	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
Method Code	FA-ICP	FA-ICP	FA-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
CAN07	5	< 5	< 5	< 0.2	< 0.5	1	26	2	3	< 2	4	0.41	< 2	< 10	35	< 0.5	< 2	0.02	< 1	21	0.26	< 10	< 1
CAN08	4	< 5	< 5	< 0.2	< 0.5	2	23	< 1	1	< 2	4	0.48	< 2	< 10	35	< 0.5	< 2	0.01	< 1	14	0.25	< 10	< 1
CAN09	5	< 5	< 5	< 0.2	< 0.5	5	276	1	11	< 2	46	1.35	< 2	< 10	56	< 0.5	< 2	0.80	9	18	1.58	< 10	< 1

Results

Activation Laboratories Ltd.

Report: A22-12065

Analyte Symbol	K	La	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	ppm
Lower Limit	0.01	10	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	AR-ICP	AR-ICP
CAN07	0.25	13	0.03	0.027	0.004	< 0.01	< 2	< 1	3	< 0.01	< 20	< 1	< 2	< 10	1	< 10	1	6
CAN08	0.29	14	0.02	0.022	0.002	< 0.01	< 2	< 1	2	< 0.01	< 20	< 1	< 2	< 10	2	< 10	1	8
CAN09	0.25	13	0.74	0.050	0.047	< 0.01	< 2	1	62	0.14	< 20	4	< 2	< 10	24	< 10	3	2

Analyte Symbol	Au	Pd	Pt	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg
Unit Symbol	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Lower Limit	2	5	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
Method Code	FA-ICP	FA-ICP	FA-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
OREAS 134b (AQUA REGIA) Meas				> 100	472	1130				> 5000	> 10000		197						88		9.93		
OREAS 134b (AQUA REGIA) Cert				204	563	1360				133000	177000		221						110		12.25		
OREAS 133a (Aqua Regia) Meas				76.5	238	266				> 5000	> 10000		120		< 10				19		6.35		
OREAS 133a (Aqua Regia) Cert				97	297	324				48600.00	106000.00		140		59				23		7.92		
OREAS 922 (AQUA REGIA) Meas				0.7	< 0.5	2300	795	< 1	33	54	258	2.87	6		75	0.8	9	0.41	18	44	5.32	< 10	
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	
OREAS 922 (AQUA REGIA) Meas				0.6	< 0.5	2220	777	< 1	33	53	254	2.77	6		71	0.7	10	0.40	19	44	5.08	< 10	
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	
OREAS 923 (AQUA REGIA) Meas				1.8	< 0.5	4500	904	< 1	33	76	328	2.87	9		59	0.7	22	0.41	21	41	6.15	10	
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	
OREAS 923 (AQUA REGIA) Meas				1.6	< 0.5	4220	873	< 1	31	72	324	2.76	6		57	0.6	19	0.39	21	40	5.80	< 10	
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	
OREAS 907 (Aqua Regia) Meas				1.1	< 0.5	6260	354	5	7	32	161	1.23	36		211	1.1	23	0.27	45	11	8.09	20	
OREAS 907 (Aqua Regia) Cert				1.30	0.540	6370	330	5.64	4.74	34.1	139	0.945	37.0		225	0.870	22.3	0.280	43.7	8.59	8.18	14.7	
OREAS 907 (Aqua Regia) Meas				1.2	< 0.5	6160	362	5	6	30	143	1.21	37		207	1.0	22	0.27	44	8	7.99	20	
OREAS 907 (Aqua Regia) Cert				1.30	0.540	6370	330	5.64	4.74	34.1	139	0.945	37.0		225	0.870	22.3	0.280	43.7	8.59	8.18	14.7	
CDN-PGMS-27 Meas	4830	2060	1280																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
Oreas 621 (Aqua Regia) Meas				67.8	286	3660	570	13	26	> 5000	> 10000	1.74	79			0.6	7	1.32	30	33	3.52	10	4
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
Oreas 621 (Aqua Regia) Meas				66.2	274	3610	548	13	24	> 5000	> 10000	1.72	79			0.6	< 2	1.61	28	30	3.44	10	3
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
CDN-PGMS-30 Meas	1850	1660	221																				
CDN-PGMS-30	1900	1660	223																				

Analyte Symbol	Au	Pd	Pt	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg
Unit Symbol	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Lower Limit	2	5	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
Method Code	FA-ICP	FA-ICP	FA-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Cert																							
OREAS 130 (Aqua Regia) Meas				5.8	28.3	229	1670	7	33	1190	> 10000	1.26	214				5	1.47	26	24	7.18	< 10	< 1
OREAS 130 (Aqua Regia) Cert				6.27	28.8	226	1630	8.25	35.2	1300	16900	1.10	205				3.05	1.81	27.1	23.2	7.27	4.78	0.670
OREAS 130 (Aqua Regia) Meas				5.9	29.0	236	1670	7	33	1220	> 10000	1.25	208				6	1.67	24	23	7.23	< 10	< 1
OREAS 130 (Aqua Regia) Cert				6.27	28.8	226	1630	8.25	35.2	1300	16900	1.10	205				3.05	1.81	27.1	23.2	7.27	4.78	0.670
Method Blank				< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	8	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1
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
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
Method Blank	4	< 5	5																				
Method Blank	5	< 5	< 5																				

Analyte Symbol	K	La	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	ppm
Lower Limit	0.01	10	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	AR-ICP	AR-ICP
OREAS 134b (AQUA REGIA) Meas						13.6												
OREAS 134b (AQUA REGIA) Cert						19.31												
OREAS 133a (Aqua Regia) Meas						8.81	105											
OREAS 133a (Aqua Regia) Cert						10.7	147											
OREAS 922 (AQUA REGIA) Meas	0.44	37	1.33	0.034	0.062	0.37	4	4	15		< 20		< 2	< 10	37	< 10	21	16
OREAS 922 (AQUA REGIA) Cert	0.376	32.5	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	0.43	36	1.29	0.030	0.060	0.36	3	3	15		< 20		< 2	< 10	36	< 10	20	18
OREAS 922 (AQUA REGIA) Cert	0.376	32.5	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	0.37	35	1.44		0.060	0.64	3	3	14		< 20		< 2	< 10	36	< 10	19	25
OREAS 923 (AQUA REGIA) Cert	0.322	30.0	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	0.35	33	1.37		0.057	0.62	3	3	13		< 20		2	< 10	34	< 10	18	23
OREAS 923 (AQUA REGIA) Cert	0.322	30.0	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 907 (Aqua Regia) Meas	0.33	38	0.23	0.110	0.023	0.07	6	2	12	0.02	< 20	3	< 2	< 10	6	< 10	7	11
OREAS 907 (Aqua Regia) Cert	0.286	36.1	0.221	0.0860	0.0240	0.0660	2.28	2.16	11.7	0.0170	8.04	0.230	0.120	2.15	5.12	0.980	6.52	43.7
OREAS 907 (Aqua Regia) Meas	0.32	37	0.22	0.107	0.023	0.06	5	2	12	0.02	< 20	2	< 2	< 10	6	< 10	7	15
OREAS 907 (Aqua Regia) Cert	0.286	36.1	0.221	0.0860	0.0240	0.0660	2.28	2.16	11.7	0.0170	8.04	0.230	0.120	2.15	5.12	0.980	6.52	43.7
CDN-PGMS-27 Meas																		
CDN-PGMS-27 Cert																		
Oreas 621 (Aqua Regia) Meas	0.32	18	0.44	0.174	0.034	4.28	114	2	16		< 20		< 2	< 10	13	< 10	7	55
Oreas 621 (Aqua Regia) Cert	0.333	19.4	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
Oreas 621 (Aqua Regia) Meas	0.33	19	0.43	0.176	0.033	4.40	109	2	18		< 20		< 2	< 10	12	< 10	7	61
Oreas 621 (Aqua Regia) Cert	0.333	19.4	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
CDN-PGMS-30 Meas																		
CDN-PGMS-30																		

Analyte Symbol	K	La	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	ppm
Lower Limit	0.01	10	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	AR-ICP	AR-ICP
Cert																		
OREAS 130 (Aqua Regia) Meas	0.53	24	0.91		0.084	5.91	8	3	19	0.03	< 20	2	< 2	< 10	39	< 10	12	26
OREAS 130 (Aqua Regia) Cert	0.500	26.4	0.892		0.0860	6.02	4.69	3.42	23.2	0.0270	10.3	0.170	5.92	8.36	33.1	1.40	13.0	19.0
OREAS 130 (Aqua Regia) Meas	0.52	24	0.91		0.085	6.15	8	3	20	0.03	< 20	2	< 2	< 10	38	< 10	12	26
OREAS 130 (Aqua Regia) Cert	0.500	26.4	0.892		0.0860	6.02	4.69	3.42	23.2	0.0270	10.3	0.170	5.92	8.36	33.1	1.40	13.0	19.0
Method Blank	< 0.01	< 10	< 0.01	0.010	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	< 10	< 0.01	0.012	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	< 10	< 0.01	0.013	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank																		
Method Blank																		



APPENDIX G-1

Report No.: A22-15572
Report Date: 02-Dec-22
Date Submitted: 25-Oct-22
Your Reference:

Ed Shynkorenko
760 Concession 6 & 7
Cochrane
Ontario P0L 1C0

ATTN: Ed Shynkorenko

CERTIFICATE OF ANALYSIS

1 Rock samples were submitted for analysis.

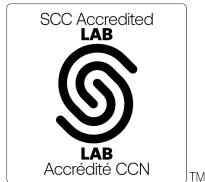
The following analytical package(s) were requested:		Testing Date:
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2022-12-01 07:28:00
1E3-Timmins	QOP AquaGeo (Aqua Regia ICPOES)	2022-11-24 10:00:58

REPORT A22-15572

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Notes:

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



LabID: 709

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CERTIFIED BY:

Mark Vandergeest
Quality Control Coordinator

Results

Activation Laboratories Ltd.

Report: A22-15572

Analyte Symbol	Au	Pd	Pt	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg
Unit Symbol	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Lower Limit	2	5	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
Method Code	FA-ICP	FA-ICP	FA-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
CAN07-A	5	< 5	< 5	2.5	< 0.5	33	427	< 1	57	7	28	2.24	13	< 10	14	0.6	< 2	6.42	80	5	3.40	20	< 1

Results

Activation Laboratories Ltd.

Report: A22-15572

Analyte Symbol	K	La	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	ppm
Lower Limit	0.01	10	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	AR-ICP	AR-ICP
CAN07-A	0.02	35	0.71	0.042	0.042	0.02	3	32	330	0.81	< 20	14	6	< 10	627	< 10	46	22

Analyte Symbol	Au	Pd	Pt	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg
Unit Symbol	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Lower Limit	2	5	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
Method Code	FA-ICP	FA-ICP	FA-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
OREAS 922 (AQUA REGIA) Meas				0.9	< 0.5	2300	774	< 1	33	63	292	2.78	8		80	0.7	9	0.43	19	46	5.24	< 10	
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	
OREAS 923 (AQUA REGIA) Meas				1.8	< 0.5	4550	895	< 1	31	85	386	2.84	5		65	0.7	15	0.44	23	43	6.14	10	
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	
Oreas 621 (Aqua Regia) Meas				61.3	284	3560	527	11	23	> 5000	> 10000	1.67	73			0.6	< 2	1.68	28	30	3.44	10	4
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
CDN-PGMS-30 Meas	1850	1680	236																				
CDN-PGMS-30 Cert	1897.00	1660	223																				
OREAS 130 (Aqua Regia) Meas				6.4	28.2	220	1590	7	32	1240	> 10000	1.18	189				5	1.63	25	24	6.96	< 10	< 1
OREAS 130 (Aqua Regia) Cert				6.27	28.8	226	1630	8.25	35.2	1300	16900	1.10	205				3.05	1.81	27.1	23.2	7.27	4.78	0.670
Oreas 623 (Aqua Regia) Meas				19.3	46.4	> 10000	514	7	17	2070	8980	1.57	67			< 0.5	< 2	1.02	190	17	11.5	10	1
Oreas 623 (Aqua Regia) Cert				20.4	52.0	17200	570	8.38	15.6	2520	10100	1.80	76.0			0.370	16.9	1.09	216	19.4	13.0	11.9	0.830
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
Method Blank	3	< 5	< 5																				
Method Blank	3	< 5	< 5																				

Analyte Symbol	K	La	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	ppm
Lower Limit	0.01	10	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	AR-ICP	AR-ICP
OREAS 922 (AQUA REGIA) Meas	0.41	37	1.28	0.034	0.060	0.40	3	4	16		< 20		< 2	< 10	34	< 10	20	16
OREAS 922 (AQUA REGIA) Cert	0.376	32.5	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	0.36	35	1.40		0.059	0.74	3	3	15		< 20		< 2	< 10	34	< 10	19	27
OREAS 923 (AQUA REGIA) Cert	0.322	30.0	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 621 (Aqua Regia) Meas	0.32	18	0.41	0.169	0.032	4.53	114	2	16		< 20		< 2	< 10	12	< 10	7	60
Oreas 621 (Aqua Regia) Cert	0.333	19.4	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
CDN-PGMS-30 Meas																		
CDN-PGMS-30 Cert																		
OREAS 130 (Aqua Regia) Meas	0.49	22	0.85		0.079	6.22	11	3	19	0.03	< 20	3	3	< 10	36	13	12	25
OREAS 130 (Aqua Regia) Cert	0.500	26.4	0.892		0.0860	6.02	4.69	3.42	23.2	0.0270	10.3	0.170	5.92	8.36	33.1	1.40	13.0	19.0
Oreas 623 (Aqua Regia) Meas	0.15	16	0.93	0.071	0.041	8.64	27	4	13		< 20	1	< 2	< 10	15	< 10	7	50
Oreas 623 (Aqua Regia) Cert	0.175	17.9	1.11	0.0680	0.0400	8.75	20.2	4.63	14.2		4.72	0.570	0.260	1.43	15.8	2.62	7.43	50.0
Method Blank	< 0.01	< 10	< 0.01	0.007	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank																		
Method Blank																		

Appendix H

“Required Receipts & Expenditure Rates Rationale”

(Note: proof of travel receipts provided below)

Vehicle Expenses

Based upon a rate previously accepted by the Ministry of Mines vehicle expenses are based on \$0.50 per kilometre (kms.). Therefore:

Vehicle Hermeston, Aug. 18 /22, North Bay Ont. to property and rtn., 412 kms. x \$0.50 = **\$206.00**

Vehicle Shynkorenko, Aug. 18/22, Cochrane Ont. to property and rtn. 560 kms. x \$0.50 = **\$280.00**

Total \$486.00

Labour (field)

Based upon a rate previously accepted by the Ministry of Mines labour expenditures are based upon \$240 per man-day (8 hours). Therefore:

One field day, two prospectors, each at \$240 per day equates to $\$240.00 \times 2 = \480.00

Total \$480.00

Report Preparation

Based upon a rate previously accepted by the Ministry of Mines labour expenditures are based upon \$240 per man-day (8 hours). Therefore:

Accumulative 5 man-days to research, prepare & scan work rpt. / map (s) equates to \$1200.00

Total \$1200.00

Assaying

Assaying costs (with no shipping of samples cost)

Total \$285.21

Total \$2451.21

(rounded) \$2,451.00