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**GRASS ROOTS PROSPECTING TECHNICAL REPORT**

**Report #0001 for Mining Claim 632929**

**Armstrong Lake, Ontario**

**June 7, 2022**

**Prepared by Keith Meyer, P. Eng.**

**1. GRASS ROOTS PROSPECTING** A technical report in respect of grass roots prospecting shall:

**1.(i)** contain a title page, with the name of the technical report, the property name, (i)the date of completion of the report, and clearly identifying the author(s),

**1.(ii)** give the names of the persons who performed the work;

**1.(iii)** identify the mining lands on which the work was performed, using the (iii)Township name, the cell number(s) on the Provincial Grid, as well as the claim numbers, lease numbers, Licences of Occupation numbers or Patent numbers, and identify the ownership of the land;

**1.(iv)** identify the means of access to the land from the nearest population centre;

**1.(v)** contain a key map showing the land where the grass roots prospecting was (v)done in relation to identifiable topographic features and township boundaries or in relation to established grid lines, stations or markers;

**1.(vi)** summarize the number of samples collected, and the number of samples analysed;

**1.(vii)** provide the number of any applicable exploration permit issued or exploration plan filed pursuant to O. Reg 308/12;

**1.(viii)** provide a daily log describing in detail the nature and content of the work and the nature of rocks and mineralization observed during the performance of the work;

**1.(ix)** provide a description and GPS location of all samples collected;

**1.(x)** include all assays and analyses with their corresponding certificates;

**1.(xi)** where grass roots prospecting instruments were used to collect data and/or where analyses were made in the field, a. provide a log detailing the nature of the ground where the measurement/analysis was done (e.g., paved road, dirt road/trail, gravel road/trail, bedrock, overburden...etc.), as well as its condition (wet or dry); b. identify any cultural features that may interfere with the measurements (e.g., power lines, rail tracks...etc.); c. provide the results of the data collected and/or the results of the analyses; d. provide specific information about the instruments used (manufacturer, type, model, detailed description of calibration, etc.); e. describe the method used to make the measurements;

**1.(xii)** provide a legend of all symbols or abbreviations used in the technical report; and

**1.(xiii)** include a map at a scale between 1:100 and 1:5,000 showing,

a. the location and date of all traverses;

b. the location of all outcrops investigated and of observed rock types, mineralization, trenches, and any mineralized float boulders;

c. the location of all samples, clearly identifying the location of each sample by number, letter or grid coordinate designation;

d. the character of the overburden, including boulders, clay, gravel and sand;

e. the distribution of swamp, muskeg and forest cover areas along all lines traversed;

f. lakes, streams and other notable topographic features, and railways, roads, trails, power lines, pipelines and buildings;

g. Provincial Grid cell boundary lines, claim boundary lines, township boundary lines, base lines, established grid lines, and survey monuments, if any;

h. the cell number(s) on the Provincial Grid, the mining claim, lease, patent or parcel numbers of all mining land on which the grass roots prospecting was performed;

i. a descriptive list of all symbols used;

j. a graphic or bar scale and the north direction; and

k. where grass roots prospecting instruments were used to collect data and/or where analyses were made in the field, i. show the location of all measurement stations; ii. show the values of readings taken and the units measured such as gammas, degrees, milliamps, milligals, milliseconds, and ohmmeters, and dimensionless units such as per cent and ratios.

**1.(ii)** Field work, prospecting and samples was performed by Keith Meyer and Amanda Meyer. The compilation and report was put together by Keith Meyer from notes and waypoints

**1.(iii)** The mining lands of Mining Claim 632929 are in the REDDIT ARMSTRONG LAKE AREA in Plan G-2611a in the provincial grid cell 52E16L158 in the Kenora Mining Division.

The lands are registered 100 percent in the name of Keith Meyer, P. Eng.

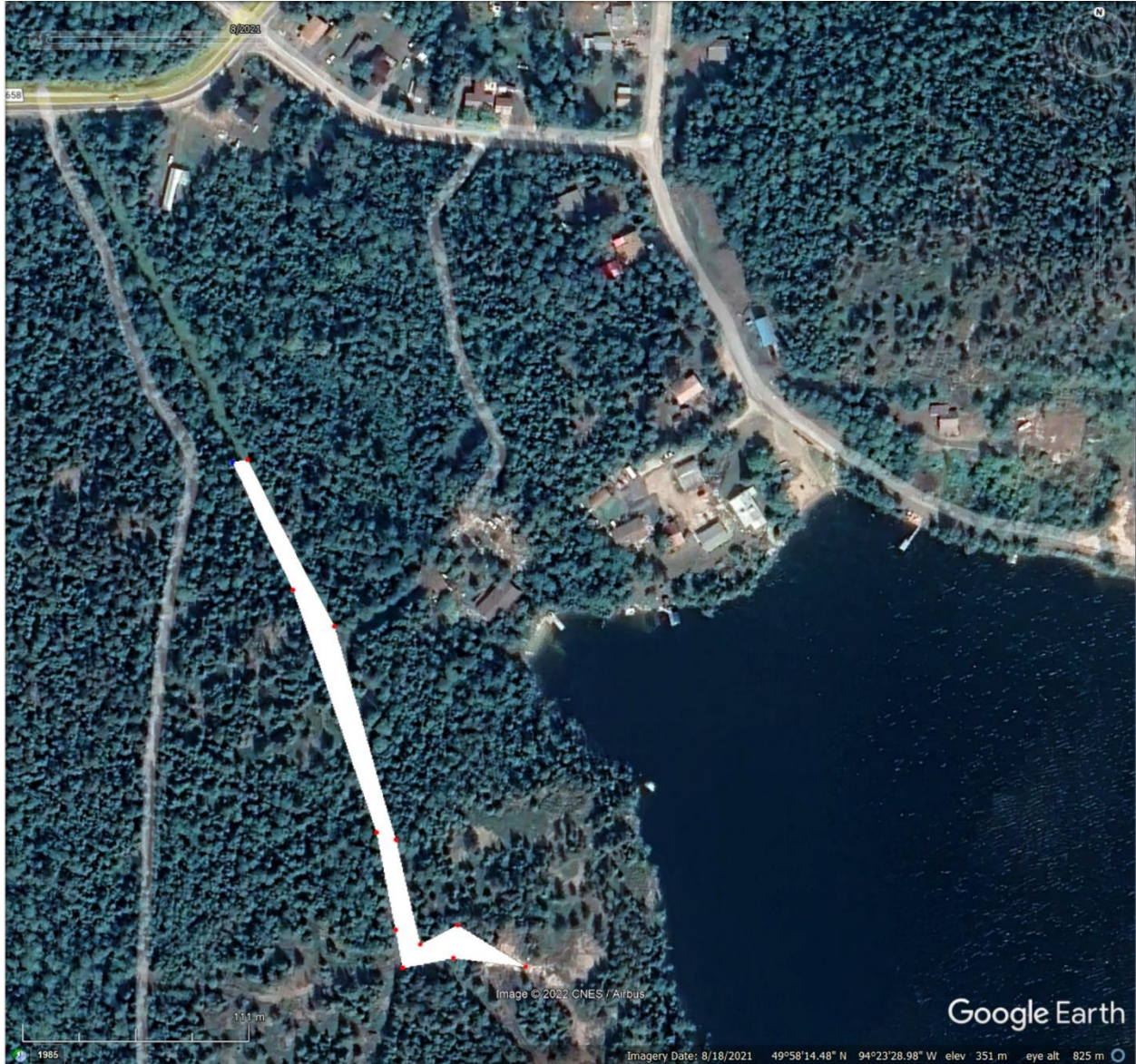
The approximate work areas are shown as follows:

### Work Area 1

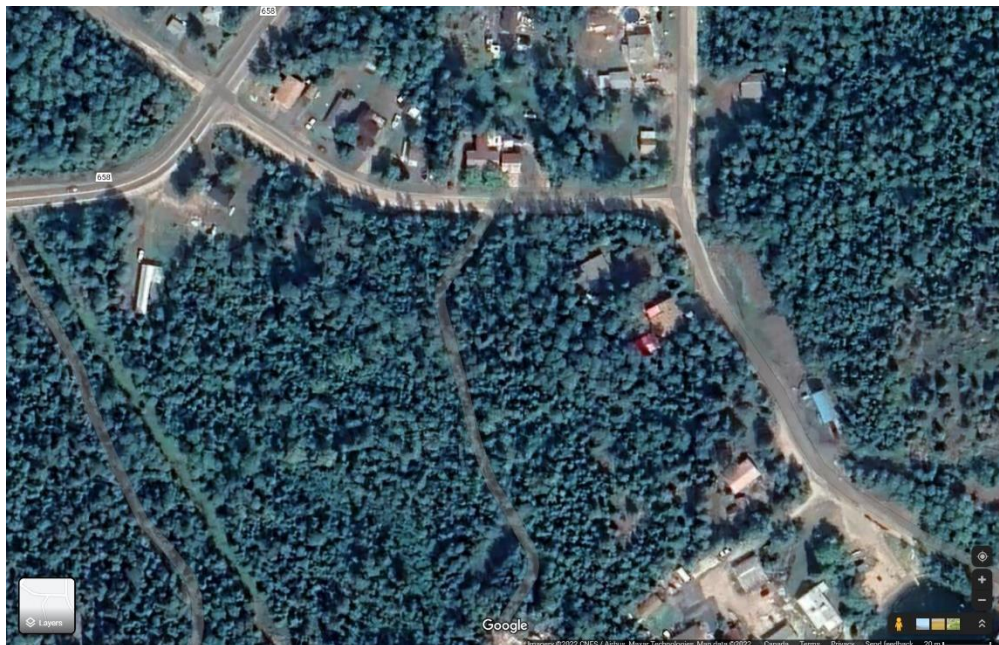
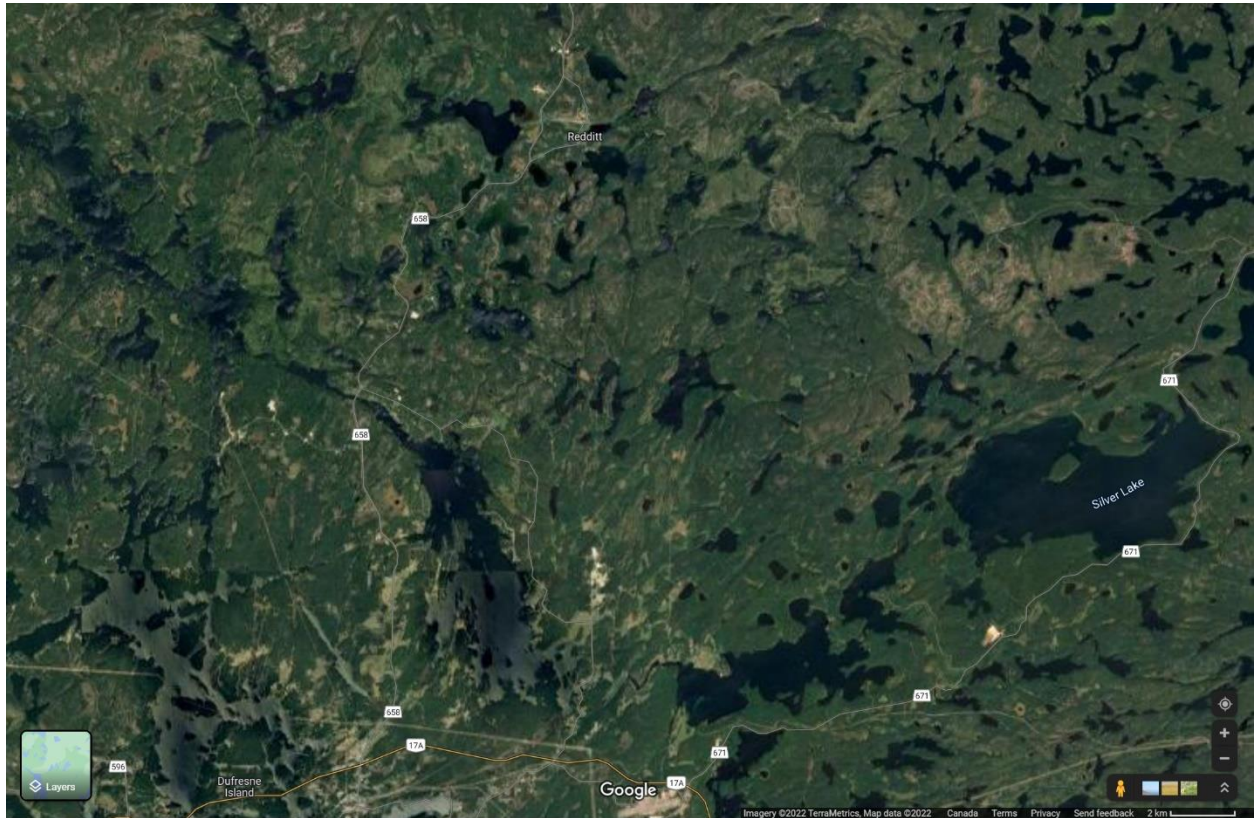
Google Earth - Edit Polygon

Name: Work Area 1 632929

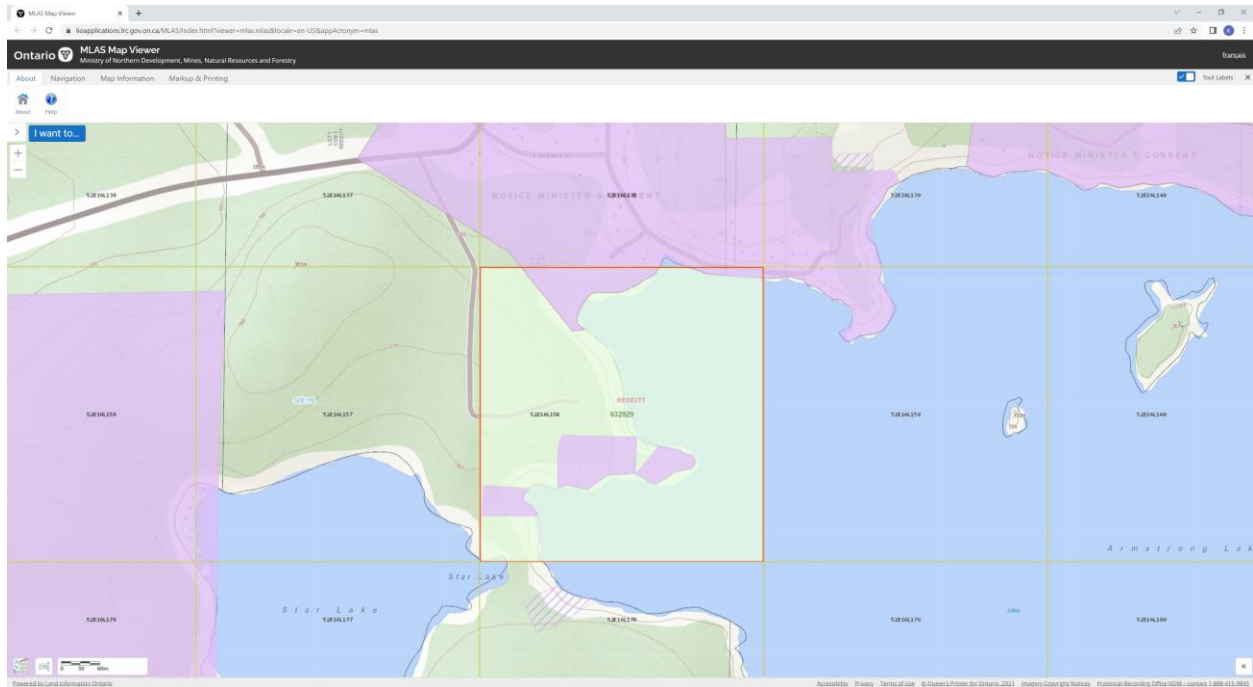
Description	Style, Color	View	Altitude	Measurements
Perimeter:			0.38 Miles	
Area:			2,656 Square Meters	



1.(iv) To get the claim, one would take the Trans-Canada highway to Kenora Ontario, then take the 658 North to the town of Reddit. Take the first right once Reddit and then take the next right down towards the boat launch.



1.(v) Map showing location of various topographic and cultural features in relation to work area.



1.(vi) The following pictures were taken of areas that are candidates for sampling. The work area is at the west side of Armstrong Lake. According to Geology of the MacDowell Lake area, District of Kenora, Patricia Portion (1988), Armstrong Lake contains Sillimanite, Cordierite, Garnet, Quartz, Feldspar and Biotite.

**Work Area 1**



*Figure 200*





*Figure 201*



Figure 202



Figure 203



Figure 204



Figure 205



Figure 206



Figure 207

Figure Number	GPS Coordinates (Lat and Long)
200	49°58'13.64"N 94°23'35.32"W
201	49°58'12.14"N 94°23'34.00"W
202	49°58'12.14"N 94°23'34.00"W
203	49°58'8.70"N 94°23'32.30"W
204	49°58'8.07"N 94°23'31.84"W
205	49°58'8.14"N 94°23'30.45"W
206	49°58'8.14"N 94°23'30.52"W
207	49°58'7.84"N 94°23'31.94"W

1.(vii) N.A.

**1.(viii)**

**Work Area 1**

On July 24<sup>th</sup>, 2021 traverses began at the east side of the work area and followed north, then east then south looking for outcrop exposed by erosion. No outcrop found was worthy of sampling. The land is covered in numerous coniferous trees including Jackpine, Spruce, Poplar, Balsam and Tamarac.

Visibility ranged from 2 to 80 feet. No beavers were noted and no fresh beaver workings were evident suggesting that they are on another location. No fish were noted. The claim area traversed has several flat areas and was flat in general. The total traverse loop was about 500 meters. Generally felsic to intermediate metavolcanic rocks were observed.

**1.(ix)** None taken

**1.(x)** N.A.

**1.(xi)** N.A.

**1.(xii)** Legend Au = Gold Ag = Silver As = Arsenic Cu = Copper Ni = Nickel Pb = Lead Zn = Zinc Mo = Molybdenum qz = quartz m = meter mm = millimeter cm = centimeter km = kilometer twp = township " = inch / inches ' = foot or feet ° = degrees az = azimuth

**1. (xiii)** Note that FX = Figure X from section (vi)

**Traverse Maps**

**Work Area 1**





- a) the location and date of all traverses – see map
- b) the location of all outcrops investigated and of observed rock types, mineralization, trenches, and any mineralized float boulders – see map
- c) the location of all samples, clearly identifying the location of each sample by number, letter or grid coordinate designation – none taken
- d) the character of the overburden, including boulders, clay, gravel and sand – shown in figures and noted on the map.
- e) the distribution of swamp, muskeg and forest cover areas along all lines traversed – see map
- f) lakes, streams and other notable topographic features, and railways, roads, trails, power lines, pipelines and buildings – none other than lake shown in map
- g) Provincial Grid cell boundary lines, claim boundary lines, township boundary lines, base lines, established grid lines are shown in section (v) and on the map.
- h) the cell number(s) on the Provincial Grid, the mining claim, lease, patent or parcel numbers of all mining land on which the grass roots prospecting was performed are shown in section (iii) and on the map.
- i) The symbols used are FX which means Figure X from section (vi) and the legend is also shown on the map.
- j) The north direction is noted by the blue arrow on the map.
- k) where grass roots prospecting instruments were used to collect data and/or where analyses were made in the field – none were used.

## **BIBLIOGRAPHY - SUGGESTED RESEARCH –**

**Title:** Geology of the MacDowell Lake area, District of Kenora, Patricia Portion

**Author:** Wood, J.

Series: Report, Geological Report, Geoscience Report

**Type:** Monograph with accompanying maps

**Publication Year:** 1988

**Publication Geographic Area:**

Township or Area: Mattson Lake Area, Armstrong Lake Area, Annas Lake Area

**NTS Number:** 53C07, 53C02

**Associated Publications:**

Publication(s): M2497