

We are committed to providing [accessible customer service](#).

If you need accessible formats or communications supports, please [contact us](#).

Nous tenons à améliorer [l'accessibilité des services à la clientèle](#).

Si vous avez besoin de formats accessibles ou d'aide à la communication, veuillez [nous contacter](#).

GRASS ROOTS PROSPECTING TECHNICAL REPORT

Report #0001 for Mining Claim 652449

Kakagi 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 Cody Groen. The compilation and report was put together by Keith Meyer from notes and waypoints

1.(iii) The mining lands of Mining Claim 652449 are in the DOGPAW LAKE AREA in the provincial grid cell 52F05D287 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

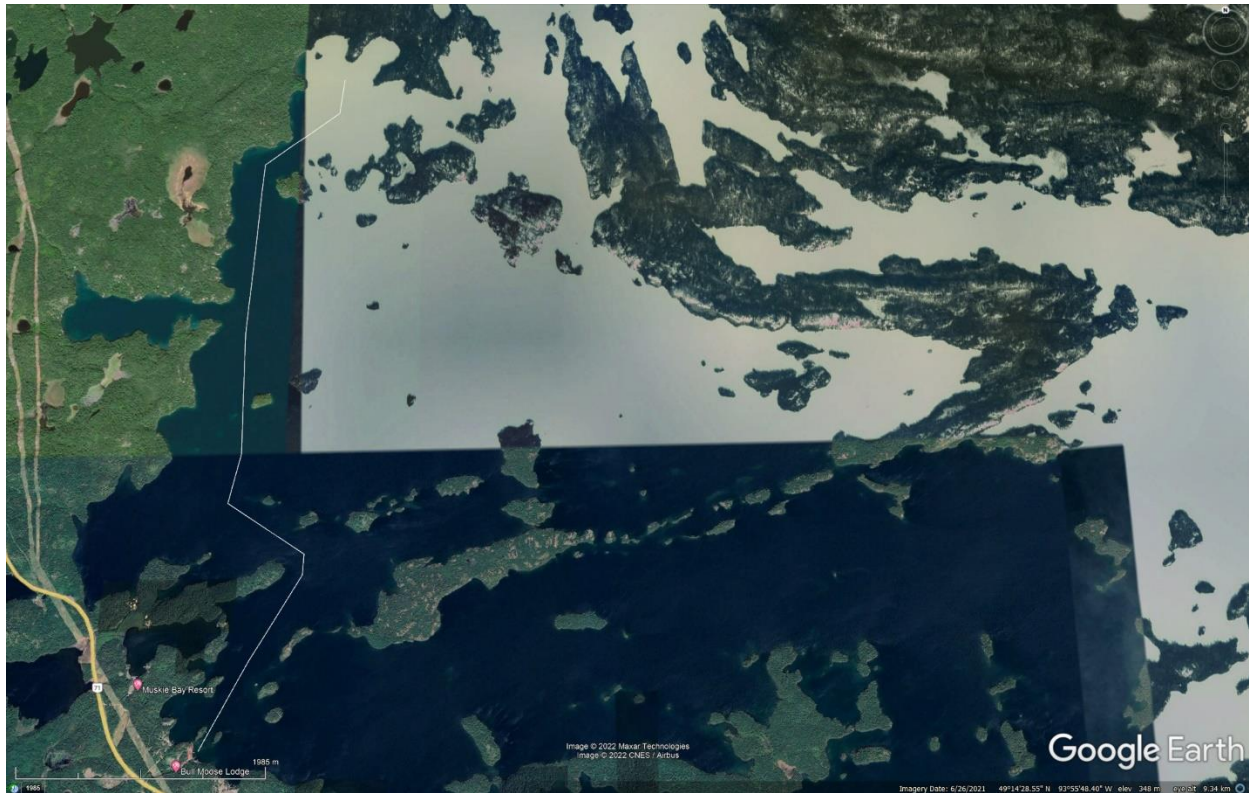
Google Earth - Edit Polygon

Name: Work Area 1652449

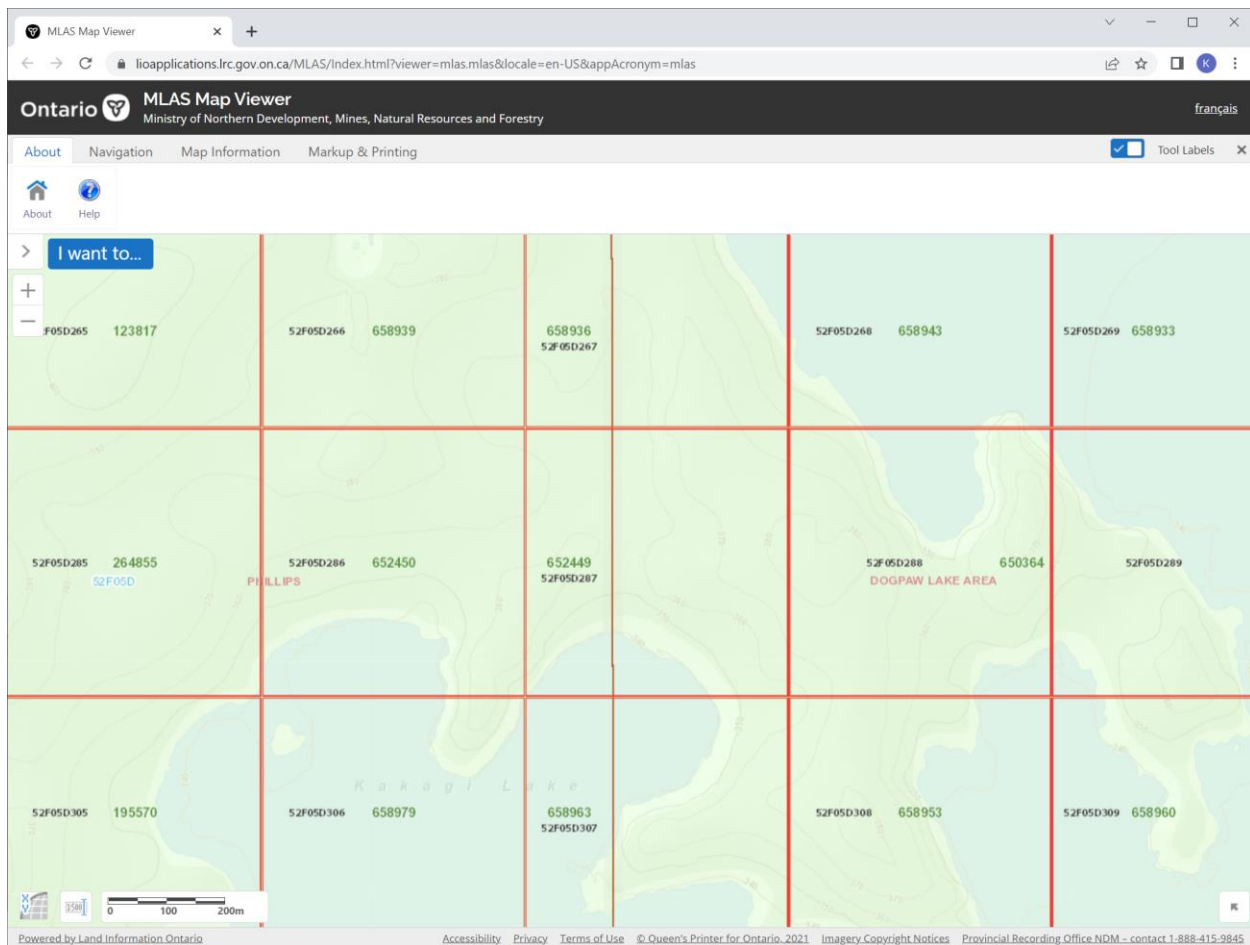
Description	Style, Color	View	Altitude	Measurements
Perimeter:			0.43	Miles
Area:			1,921	Square Meters



1.(iv) To get the claim, one would take the Trans-Canada highway to Kakagi Lake, Ontario approximately between Nestor Falls, Ontario and Sioux Narrows, Ontario. There are several lodges on the lake attached to the highway that provide access. One option is to ingress at Bull Moose Lodge and traverse the lake by boat as follows (ensuring to avoid reefs):



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 in a bay just southwest of Emm Bay which formation consists of interbedded, heterolithic, matrix supported lapilli tuff to pyroclastic breccia debris flows, and homolithic, matrix supported, primary deposition, lapilli tuff to pyroclastic breccia pyroclastic flows (from Summary of Field Work 1984).

Work Area 1



Figure 149



Figure 150



Figure 151



Figure 152



Figure 153



Figure 154



Figure 155



Figure 156



Figure 157



Figure 158

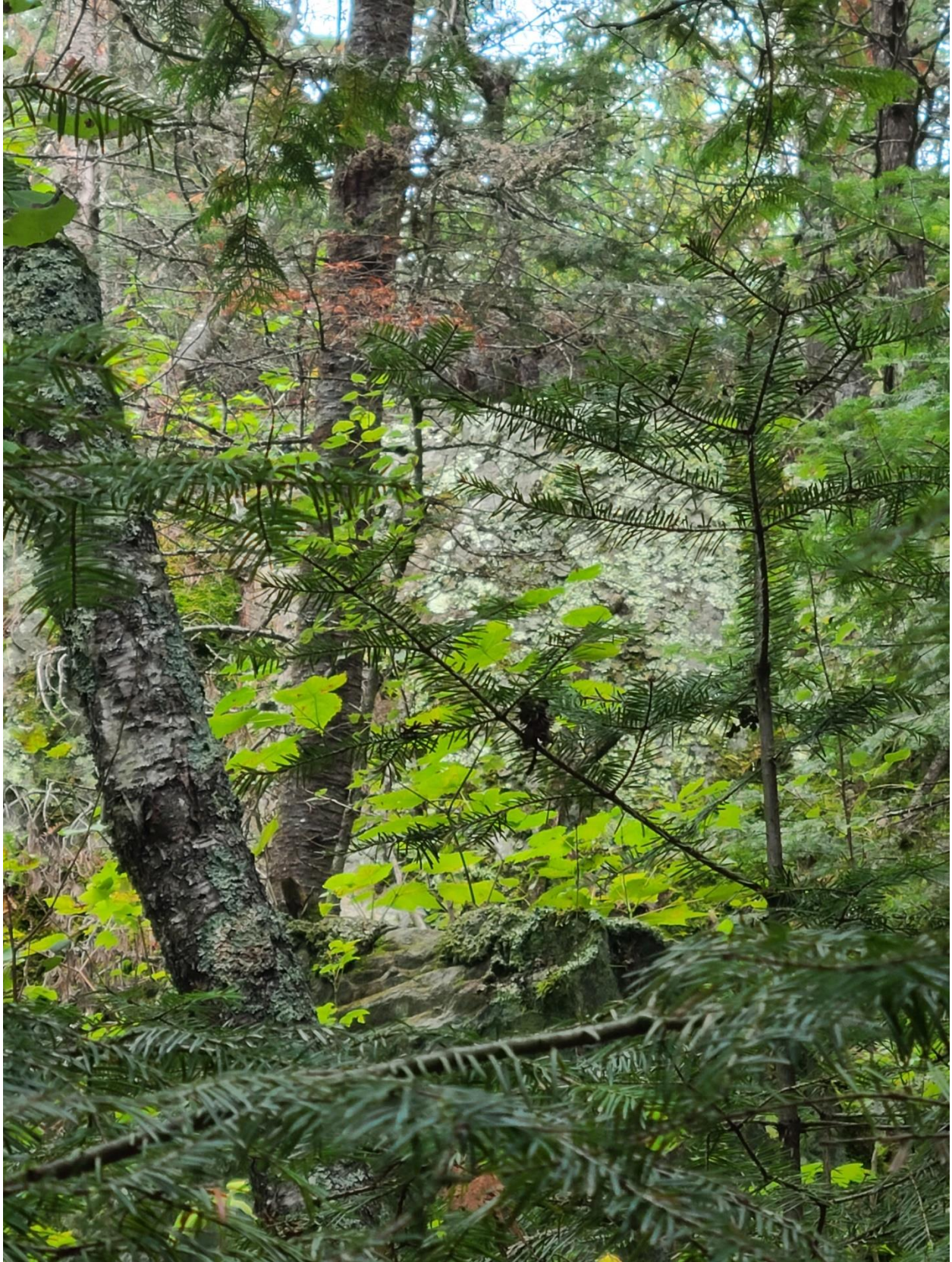


Figure 159



Figure 160



Figure 161



Figure 162



Figure 163



Figure 164



Figure 165



Figure 166



Figure 167

Figure Number	GPS Coordinates (Lat and Long)
149	49°16'18.58"N 93°57'38.34"W
150	49°16'15.85"N 93°57'43.63"W
151	49°16'17.86"N 93°57'40.61"W
152	49°16'18.93"N 93°57'37.56"W
153	49°16'19.08"N 93°57'37.48"W
154	49°16'19.26"N 93°57'37.41"W
155	49°16'19.22"N 93°57'37.06"W
156	49°16'19.19"N 93°57'36.71"W
157	49°16'19.37"N 93°57'36.78"W
158	49°16'19.53"N 93°57'36.89"W
159	49°16'19.58"N 93°57'37.51"W
160	49°16'19.42"N 93°57'37.84"W
161	49°16'19.51"N 93°57'38.06"W
162	49°16'19.46"N 93°57'38.20"W
163	49°16'19.59"N 93°57'38.28"W
164	49°16'19.25"N 93°57'38.70"W
165	49°16'19.21"N 93°57'38.86"W
166	49°16'18.87"N 93°57'37.08"W
167	49°16'18.73"N 93°57'36.95"W

1.(vii) N.A.

1.(viii)

Work Area 1

On July 1st, 2021 traverses began at the north side of the work area and followed northeast, then southwest looking for outcrop exposed by erosion. No outcrop found was worthy of sampling. The land is covered in numerous coniferous and deciduous trees where visibility ranged from 2 to 30 feet. No beavers were noted and no fresh beaver workings were evident suggesting that they are on another location. No fish were observed. The claim area traversed has several few flat areas with some raised areas. The total traverse loop was about 150 meters. Generally felsic to intermediate metavolcanic rocks were observed.

1.(ix) None taken

1.(x) N.A.

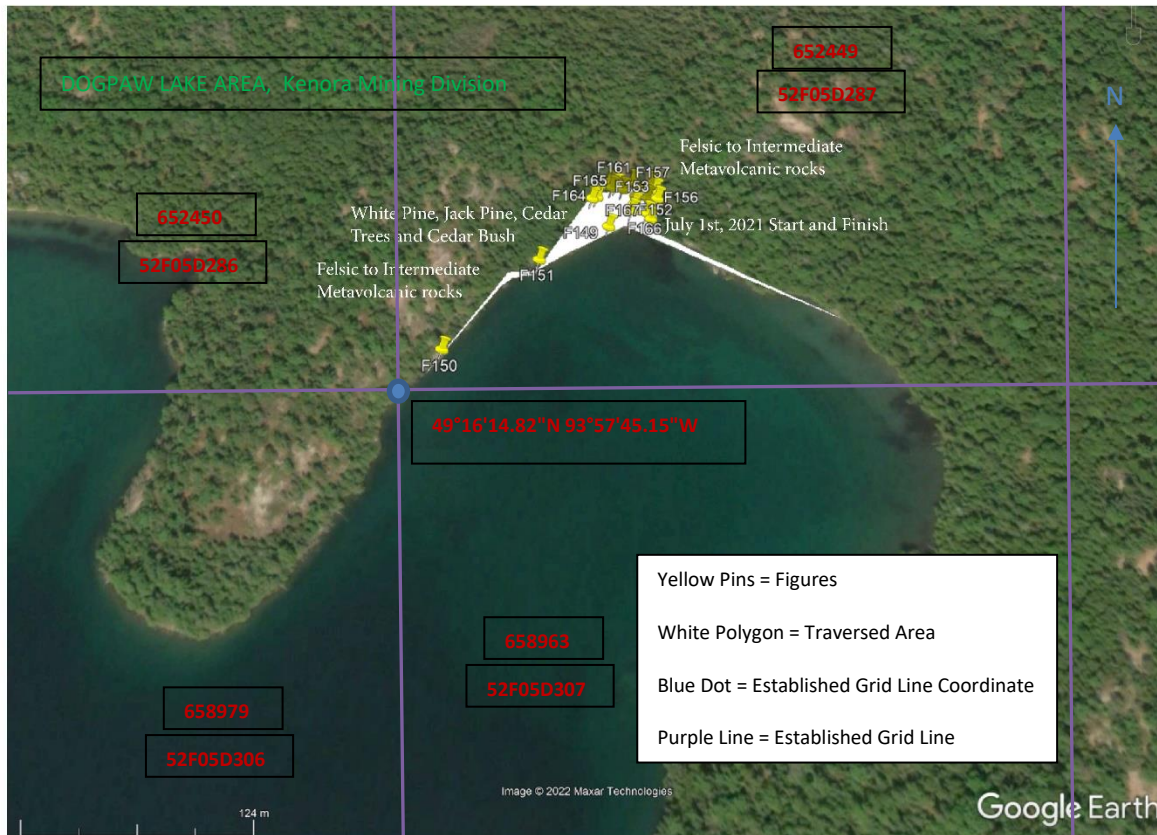
1.(xi) N.A.

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



- the location and date of all traverses – see map
- the location of all outcrops investigated and of observed rock types, mineralization, trenches, and any mineralized float boulders – see map
- the location of all samples, clearly identifying the location of each sample by number, letter or grid coordinate designation – none taken
- the character of the overburden, including boulders, clay, gravel and sand – shown in figures and noted on the map.
- the distribution of swamp, muskeg and forest cover areas along all lines traversed – see map
- 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: Kakagi Lake, Kenora District

Author(s): Kaye, L.

Series: 2000 Series Map

Scale: 1 : 31 680

Type: Colour Map

Publication Year: 1981

Title: Summary of field work and other activities, 1986

Author: Thurston, P.C., Cherry, M.E., White, O.L., Colvine, A.C., Barlow, R.B.

Series: Miscellaneous Paper

Type: Collection of ARTICLE's with overall editor

Publication Year: 1986

Assessment File: 52F05SE2006

AFRO Number: 2.27990

Resident Geologist District: Kenora

Resident Geologist Office File Number: 52F05SW MMMM-2

Primary Township or Area: Rowan Lake Area Township or Area
Dogpaw Lake Area, Heronry Lake Area, Rowan Lake Area, Tweedsmuir

NTS: 52F04NW, 52F05SE, 52F05SW

Year(s) Work Performed: 2003 to 2004

Work Report Number: W0410.01028

Work Performed For: Cunniah Lake Inc