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GRASS ROOTS PROSPECTING TECHNICAL REPORT

Report #0001 for Mining Claim 650364

Kakagi Lake, Ontario

June 2, 2022

Author: 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 650364 are in the DOGPAW LAKE AREA in the provincial grid cells 52F05D288 and 52F05D289 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:

Description	Style, Color	View	Altitude	Measurements
Perimeter:			1.32	Miles
Area:			9,882	Square Meters



Work Area 2

Google Earth - Edit Polygon

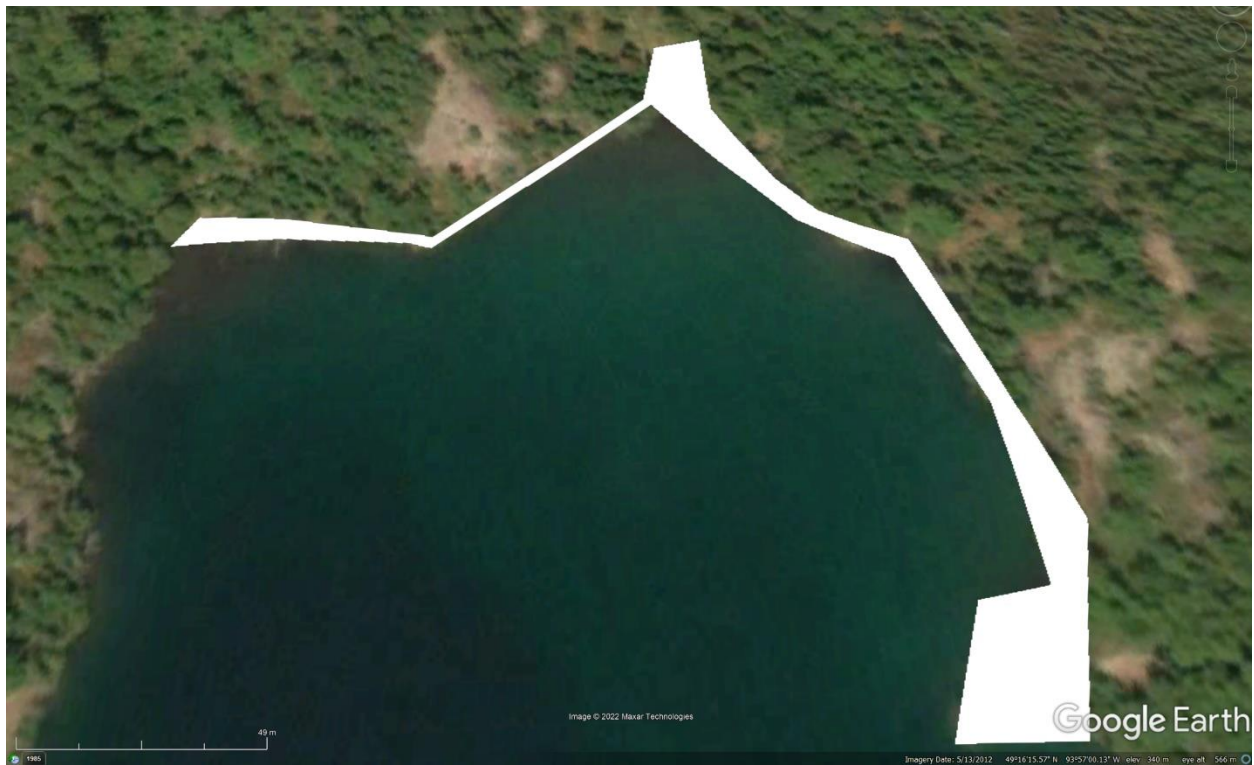


Name:

Description Style, Color View Altitude Measurements

Perimeter: 0.48 Miles

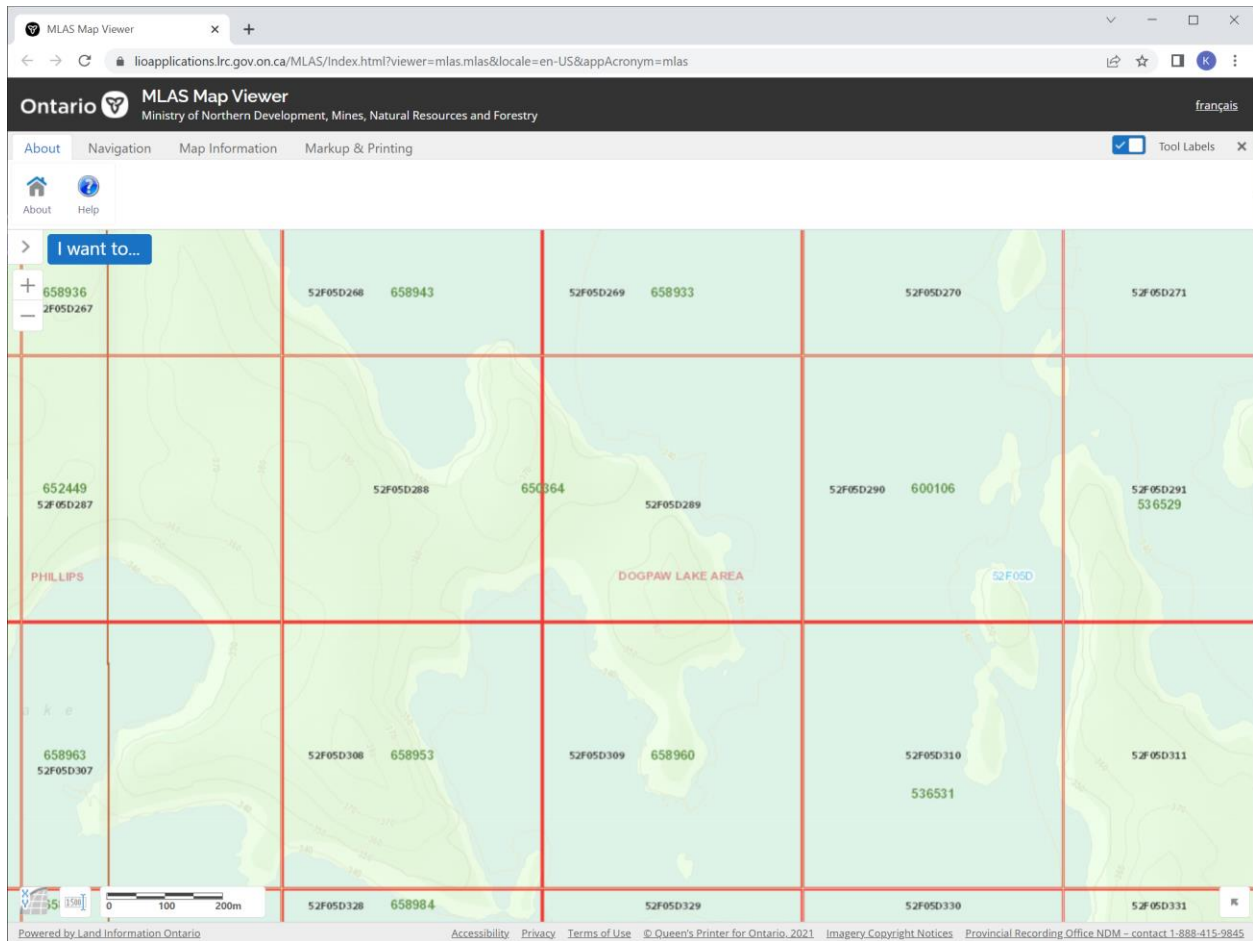
Area: 2,683 Square Meters



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 at the south portion 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 102



Figure 103



Figure 104



Figure 105



Figure 106



Figure 107



Figure 108



Figure 109



Figure 110



Figure 111



Figure 112



Figure 113



Figure 114



Figure 115



Figure 116



Figure 117



Figure 118



Figure 119



Figure 120



Figure 121



Figure 122



Figure 123



Figure 124



Figure 125



Figure 126



Figure 127



Figure 128



Figure 129



Figure 130



Figure 131



Figure 132



Figure 133



Figure 134



Figure 135



Figure 136



Figure 137



Figure 138



Figure 139



Figure 140

Figure Number	GPS Coordinates (Lat and Long)
102	49°16'19.30"N 93°56'43.38"W
103	49°16'19.47"N 93°56'43.48"W
104	49°16'20.11"N 93°56'44.06"W
105	49°16'22.55"N 93°56'48.32"W
106	49°16'23.41"N 93°56'49.36"W
107	49°16'24.45"N 93°56'50.96"W
108	49°16'24.52"N 93°56'52.02"W
109	49°16'24.60"N 93°56'54.14"W
110	49°16'24.90"N 93°56'55.50"W
111	49°16'25.04"N 93°56'55.71"W
112	49°16'24.95"N 93°56'55.70"W
113	49°16'24.88"N 93°56'55.79"W
114	49°16'24.84"N 93°56'55.75"W
115	49°16'24.80"N 93°56'55.70"W
116	49°16'24.73"N 93°56'55.69"W
117	49°16'24.73"N 93°56'55.59"W
118	49°16'24.64"N 93°56'55.65"W
119	49°16'24.68"N 93°56'55.49"W
120	49°16'24.67"N 93°56'55.44"W
121	49°16'24.69"N 93°56'55.23"W
122	49°16'24.65"N 93°56'55.13"W
123	49°16'24.57"N 93°56'55.05"W
124	49°16'24.59"N 93°56'54.91"W
125	49°16'24.62"N 93°56'54.76"W
126	49°16'24.52"N 93°56'54.87"W
127	49°16'24.68"N 93°56'54.93"W
128	49°16'27.59"N 93°56'57.73"W
129	49°16'28.36"N 93°56'58.64"W
130	49°16'27.95"N 93°57'6.61"W
131	49°16'27.54"N 93°57'6.58"W
132	49°16'26.76"N 93°57'6.32"W
133	49°16'25.87"N 93°57'5.97"W
134	49°16'25.77"N 93°57'5.93"W
135	49°16'24.78"N 93°57'11.40"W
136	49°16'26.06"N 93°57'12.74"W
137	49°16'26.19"N 93°57'12.70"W
138	49°16'25.52"N 93°57'12.65"W
139	49°16'24.33"N 93°57'10.32"W
140	49°16'25.14"N 93°57'12.03"W

Work Area 2



Figure 141



Figure 142



Figure 143



Figure 144



Figure 145



Figure 146



Figure 147



Figure 148

Figure Number	GPS Coordinates (Lat and Long)
141	49°16'17.61"N 93°56'58.34"W
142	49°16'12.91"N 93°56'56.20"W
143	49°16'13.09"N 93°56'56.07"W
144	49°16'13.67"N 93°56'55.68"W
145	49°16'18.13"N 93°56'58.96"W
146	49°16'17.56"N 93°57'0.92"W
147	49°16'17.35"N 93°57'1.40"W
148	49°16'17.11"N 93°57'1.93"W

1.(vii) N.A.

1.(viii)

Work Area 1

On July 2nd, 2021 traverses began at the east side of the work area and followed northwest, then south and then west looking for outcrop exposed by erosion. No outcrop found was worthy of sampling. The land is covered in numerous coniferous trees where visibility ranged from 2 to 10 feet. No beavers were noted and no fresh beaver workings were evident suggesting that they are on another location. Smallmouth bass were seen in the shores on the east of the island. The claim area traversed has relatively few flat areas and is steep sloping to the south. The total traverse loop was about 1000 meters. Generally felsic to intermediate metavolcanic rocks were observed.

Work Area 2

On July 2nd, 2021 traverses began at the east side of the work area and followed northwest, then southeast and then west looking for outcrop exposed by erosion. No outcrop found was worthy of sampling. The land is covered in numerous coniferous trees where visibility ranged from 2 to 10 feet. Some beavers fresh beaver workings were noted. Smallmouth bass were seen in the shores on the west of the island. The claim area traversed has relatively few flat areas with the exception of the area near Figure 145. The total traverse loop was about 350 meters. Generally felsic to intermediate metavolcanic rocks were observed.

1.(ix) None taken

1.(x) N.A.

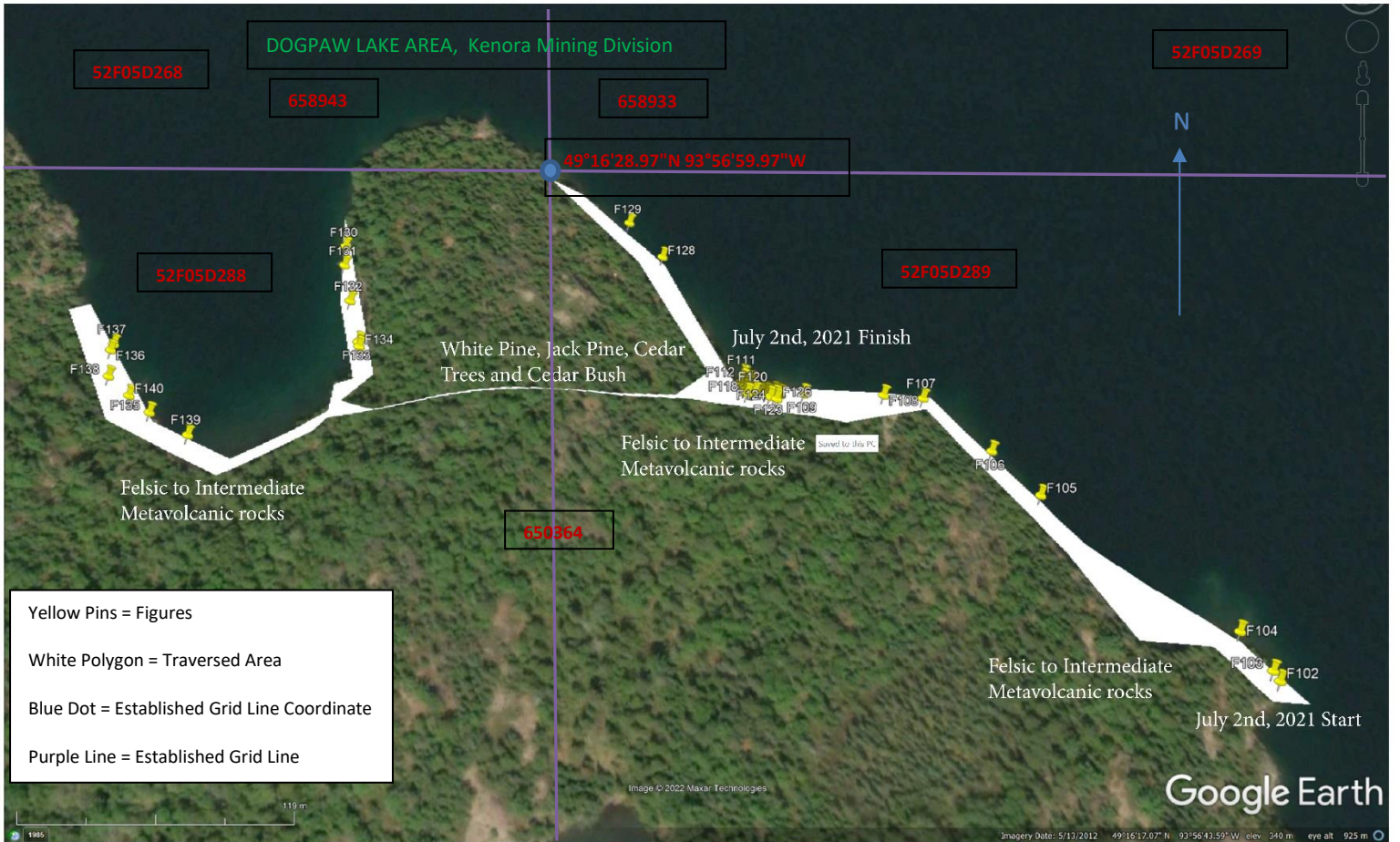
1.(xi) N.A.

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

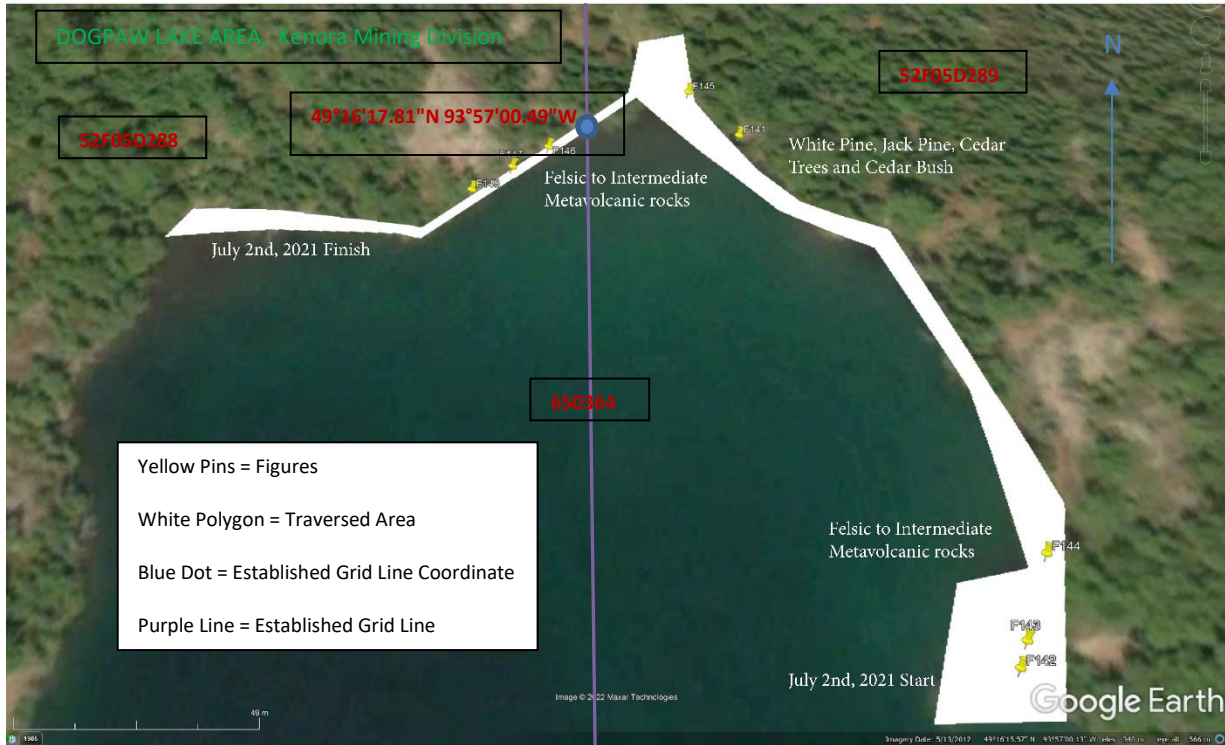
1. (xiii)

Traverse Maps

Work Area 1



Work Area 2



- 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: 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