2.459

REPORT

ON

MAGNETOMETER SURVEY

ON

KENN HOLDINGS AND MINING LIMITED

GARSON AND BLEZARD TOWNSHIPS

DISTRICT OF SUDBURY

SUDBURY MINING DIVISION

ONTARIO

RECEIVED
JUN 18 1971
PROJECTS SECTION

June 18, 1971

T. W. Dent, P. Eng.

INDEX

SUMMARY

Kenn Holdings and Mining Limited has acquired an option on 37 contiguous claims in Garson and Blezard Townships, Ontario.

The property is underlain by rocks of the granophyre phase of the nickel irruptives. An east trending Falconbridge Fault is shown on O. D M. Map 2170 to cut through the property. Some minor chalcopyrite mineralization was found in a pit dug some years ago.

A ground magnetometer survey has been conducted to test the potential of these claims.

It is recommended that an electromagnetic survey be done to attempt to locate sulphide bodies that may not have been revealed by the magnetometer survey.

Based on the results of the electromagnetic survey, it is recommended that diamond drilling be done, if warranted.

INTRODUCTION

This report describes the magnetometer survey performed during January and April 1971, and other pertinent data, regarding a group ot mining claims under option to Kenn Holdings and Mining Limited.

It further attempts to outline an exploration program and corresponding costs so as to test for the existence of sulphide mineralization of ore grade.

PROPERTY

Kenn Holdings and Mining Limited has acquired an option on a group of 37 mining claims in the Sudbury Mining Division of Ontario. The above claims are in N. T. S. topographical sheet 41-1-10. The claims are held in the name of Mr. E. Rivers of 32 Hill Crescent, Scarborough, Ontario.

The property consists of 37 contiguous mining claims situated mainly in Garson and in part in Blezard Townships. (See the property map attached to this report.)

GHD Consultants Limited, 185 Bay Street, is in charge of submitting the assessment work.

The numbers of the individual claims are as follows, the details are attached as an Appendix to this report:

TOWNSHIP	CLAIM NUMBERS	TOTAL
Garson	S 259135 to S 259150 incl.	16 claims
Garson	S 259196 to S 259211 incl.	16 claims
Blezard	S 259191 to S 259195 incl.	5 claims
	FINAL TOTAL	37 claims

Due to breakup and unsafe conditions on Garson Lake in April 1971 partial coverage only was achieved on the following five claims.

Claim Numbers

S 259141, S 259143, S 259144, S 259145 and S 259148

Therefore, the 32 claims completely covered by the magnetometer survey are the following:

TOWNSHIP	CLAIM NUMBERS	TOTAL
Garson	S 259135 to S 259140 incl.	6
	S 259142	1
	S 259146 and S 259147	2
	S 259149 and S 259150	2
	S 259196 to S 259211 incl.	16
	S 259191 to S 259195 incl.	5
		32

The number of readings per claim on the claims only partially covered due to breakup was as follows:

CLAIM NUMBER	NUMBER OF READINGS
S 259141	35
S 259143	14
S 259144	4
S 259145	2
S 259148	18

Assessment credit of 40 days per claim is respectfully being requested even thought these 5 claims have only partially been covered. The reason for this request is that it is felt that sufficient information has been obtained from the magnetometer survey in order to recommend proceeding with an electromagnetic survey.

ACCESS

The group of claims can be reached by travelling some four (4) miles along a branch road that swings northwest from the town of Garson or 1 mile by foot path from a township dump located 4 miles east of the town of Val Caron.

The property is crossed by a line of the Canadian National Railway.

POWER-WATER

An electric power transmission line runs through the property, as does a pipeline of the Northern Ontario Natural Gas Co.

Garson Lake lies almost completely within the limits of the claim group; Whitson Lake is within half a mile of the western limit of the claims.

TOPOGRAPHY

The property possesses a gently rolling topography and is la king in outstanding physiographic landmarks.

Conditions are swampy in and around Garson Lake.

GENERAL GEOLOGY

The claim group lies mainly within the granophyre phase of the nickel irruptive and along the southern side of the Sudbury Basin structure. The southern limit of the claims are within a mile of the contact of the Transition zone and the gabbro, norite and diorite rocks. (See property map showing geology attached to this report.)

GEOLOGY OF PROPERTY

The claims lie mainly within the nickel irruptive rock of the Sudbury Basin. Some claims cross the contact and include rocks of the Onaping tuff and breccia units. (See map.) The Falconbridge east trending fault traverses the southern side of the claims according to O. D. M. Map 2170. The rocks are assumed to be almost vertical.

Fourteen miles west of the property, the Errington Mine is 1/4 of a mile north of the fault. In closer proximity to the property, is the Garson Mine, about 3 miles southeast and the Kirkwood Mine about 2 miles south-southeast.

On claim number S 259142, a pit now caved revealed a gossan zone carrying minor chalcopyrite mineralization.

PREVIOUS WORK

In 1962 Norite Explorations Limited diamond drilled certain sections of this property. Discarded core was found along the northeast side of the main valley in northwest section of the property. Either three or four holes were drilled along this side of the valley. From conversations with prospectors in the area, it is believed they were all in the order of 500 to 600 feet deep. A cursory examination of the core revealed no mineralization. However, being discarded core it is possible that any good sections were taken away for analysis. Regrettably, the logs of these holes were not available.

A test pit is in evidence along this valley and sulphide mineralization is visible.

A 2,510 foot hole was drilled also by Norite Explorations Limited. This hole is located on claim 259205, (formerly claim 114113). The bearing on the hole was N 4° W. The dip at the collar was 79°; and flattened to 40° at 2,000 feet. At 1,154.5 feet, 1,220.0 feet and 1,284.5 feet slight pyrite and chalcopyrite were reported in 3 and 4 inch seams or slips some of which was associated with chlorite. Mineralization was also found at 1,776.2 feet, 1,821.0 feet, 1,842.0 feet, and 2,004.0 feet. The most interesting intersection was at 1,842.0 feet being 36" thick with chlorite seams containing disseminated pyrite and chalcopyrite. This hole was in micropegmatite (granophyre) consisting of a medium to fine grained intergrowth of quartz (25-35%) and feldspar with associated ferromagnesian minerals (5-15%). Biotite and hornblende were noted, but the ferromagnesian minerals were largely altered to chlorite. Six samples were taken for analysis from this hole by Norite Explorations.

A vertical hole was drilled on claim 259148, (formerly claim 114631) at the time of the Norite Exploration work. The available records of this hole indicated that it was drilled to a depth of 720.0 feet. However, some records may be missing as the size of the drill tower still present at this location indicates the possibility that a much deeper hole may have been drilled. The hole cut micropegmatite with many chlorite slips and shears with hematite.

Another hole is located just off the claim group to the east of claim 259209. This hole was drilled to 549.0 feet. The logs mention many chlorite slips with hematite. Occassional brecciation is mentioned, and some specks of pyrite were noted.

All drilling by Norite Explorations Limited was under the supervision of D. C. McKechnie and E. M. Lewin.

GEOPHYSICAL INTERPRETATION

A magnetometer survey was carried out over the 37 claim group with the exception of portions of 5 claims as mentioned earlier in this report. A Scintrex MF-2 instrument was used and readings were taken at 100 foot intervals on lines spaced at 400 feet.

The magnetometer high stretching from the northwest corner of the map area in a southeasterly direction is interpreted to be an extension of the olivine diabase dyke shown on O. D. M. Map 2170.

The breaks in the contouring along this interpreted dyke could represent cross faulting in a northeast - southwest direction. The most northerly break in the contouring located 2,000 feet north from the north base line on line 4E is interpreted to be either a fairly strong cross fault or a major contact between rock types. From O. D. M. Map 2170 this could be the contact between the granophyre phase of the nickel irruptive and the Onaping tuffs and volcanic breccias to the north.

Occasional one-point high readings throughout the map area are probably reflections of topographic relief such as cliff edges and hills in the area.

At 7+00 N. of the north base line on L 12E a 2,800 gamma high was recorded. Checking on this by taking other readings in its vicinity revealed a northeast-southwest trending structure which follows a stream bed down into the main valley in this section of the property. It is felt that this high reading is of minor importance and may reflect a relatively shallow minor amount of mineralization connected with cross fractures or faulting in this area. Nonetheless, it would be helpful in the interpretation to recheck this area at 25' intervals.

The reflection of the Falconbridge fault was not determined from magnetometer results in the southern part of the property and it is probable that it passes to the south of the property.

RECOMMENDATIONS

It is recommended that an electromagnetic survey be performed over the property to attempt to locate sulphide bodies not indicated by the magnetometer survey. A type of electromagnetic survey providing good depth penetration is recommended.

If interesting results are obtained, follow-up diamond drilling is recommended.

ESTIMATED COST OF FURTHER EXPLORATION

Geophysical Survey - Phase - I

Electromagnetic survey - 24 miles @ $150/mi.	$	3,600.00
Supervision, engineering, contingency		1,000.00
SUB-TOTAL	$	4,600.00

Diamond drilling - Phase II

Diamond drilling, if warranted, estimated 3,000' @ $11.00/ft.	$	33,000.00
Supervision, engineering, contingency		2,000.00
SUB-TOTAL	$	35,000.00

PHASE I	$	4,600.00
PHASE II		35,000.00
FINAL TOTAL	$	39,600.00

ACKNOWLEDGEMENTS

Ontario Department of Mines Map 2170
Sudbury Mining Area

Ontario Department of Mines,
Copper, Nickel, Lead and Zinc Deposits of Ontario,
Mineral Resource Circular No. 12, 1969
by R. Shklanka.

Company report by J. M. Kilpatrick

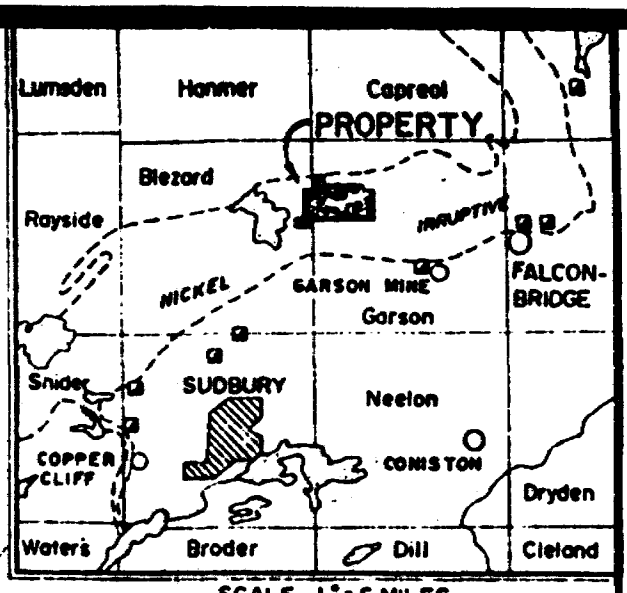
Company report by P. E. Piazza, August 19, 1970.

Ontario Department of Mines,
"A Discussion of Sudbury Geology and Sulphide Deposits",
Miscellaneous Paper 30, 1969
by J. E. Thomson

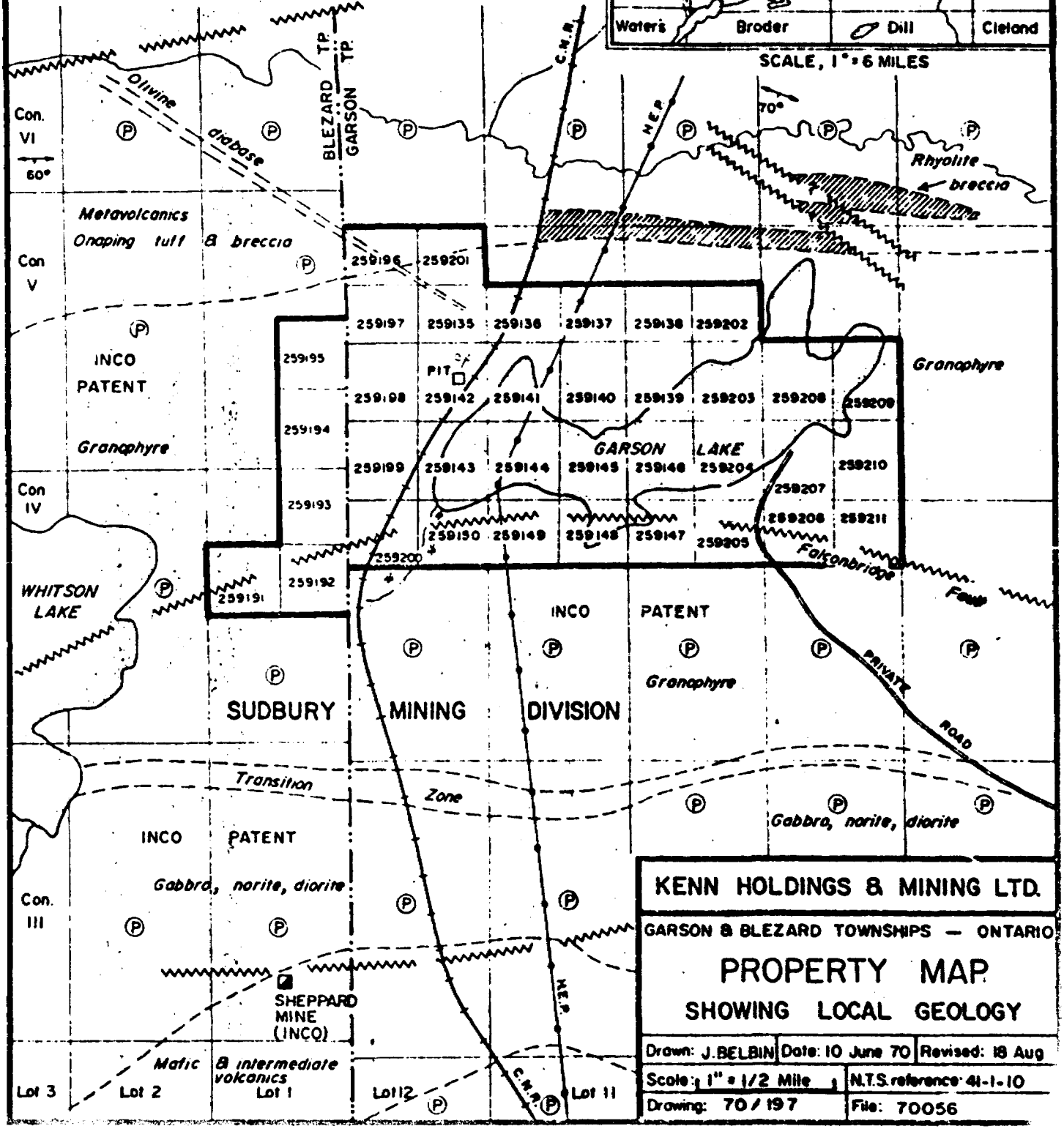
DRAWN BY J.A. BELBIN
EXPLORATION DRAFTING SERVICE
TORONTO 863-0899

All information shown has been derived from sources believed to be reliable but its accuracy can not be guaranteed J.A. BELBIN

G.H.D. CONSULTANTS LIMITED



SCALE, 1" = 6 MILES



KENN HOLDINGS & MINING LTD.

GARSON & BLEZARD TOWNSHIPS — ONTARIO

PROPERTY MAP
SHOWING LOCAL GEOLOGY

Drawn: J.BELBIN	Date: 10 June 70	Revised: 18 Aug
Scale: 1" = 1/2 Mile		N.T.S. reference: 41-I-10
Drawing: 70 / 197		File: 70056

APPENDIX I

Garson Township

CLAIM NUMBER	LOT	CONCESSION
S 259135	N 1/2 Lot 12	5
S 259136	N 1/2 Lot 11	5
S 259137	N 1/2 Lot 11	5
S 259138	N 1/2 Lot 10	5
S 259139	S 1/2 Lot 10	5
S 259140	S 1/2 Lot 11	5
S 259141	S 1/2 Lot 11	5
S 259142	S 1/2 Lot 12	5
S 259143	S 1/2 Lot 12	5
S 259144	S 1/2 Lot 11	5
S 259145	S 1/2 Lot 11	5
S 259146	S 1/2 Lot 10	5
S 259147	N 1/2 Lot 10	4
S 259148	N 1/2 Lot 11	4
S 259149	N 1/2 Lot 11	4
S 259150	N 1/2 Lot 12	4
S 259196	N 1/2 Lot 12	5
S 259197	N 1/2 Lot 12	5
S 259198	S 1/2 Lot 12	5
S 259199	S 1/2 Lot 12	5
S 259200	N 1/2 Lot 12	4
S 259201	N 1/2 Lot 12	5
S 259202	N 1/2 Lot 10	5
S 259203	S 1/2 Lot 10	5
S 259204	S 1/2 Lot 10	5
S 259205	N 1/2 Lot 10	4
S 259206	N 1/2 Lot 9	4
S 259207	S 1/2 Lot 9	5
S 259208	S 1/2 Lot 9	5
S 259209	S 1/2 Lot 9	5
S 259210	S 1/2 Lot 9	5
S 259211	N 1/2 Lot 9	4

Blezard Township

CLAIM NUMBER	LOT	CONCESSION
S 259191	N 1/2 Lot 1	4
S 259192	N 1/2 Lot 1	4
S 259193	N 1/2 Lot 1	4
S 259194	S 1/2 Lot 1	5
S 259195	S 1/2 Lot 1	5

APPENDIX II

OPERATING INSTRUCTIONS

FLUXGATE MAGNETOMETER

MODEL MF-2

SCINTREX LIMITED
222 Snidercroft Road · Concord, Ontario, Canada

MODEL MF-2 FLUXGATE MAGNETOMETER

OPERATION OF THE INSTRUMENT:

1. Remove all ferro-magnetic objects from the operator's person, e.g. keys, coins, buttons etc. (zippers should be non-magnetic).

2. Attach carrying strap to the instrument. For light carrying the upper buttons can be used and the strap carried around the neck. In rough terrain, and for long carrying, it is advisable to attach the strap to one upper button around the shoulder to the lower button on the other side of the instrument.

3. If rechargeable batteries are to be used, attach battery charger to the instrument, and the plug itself to the operator [illegible].

4. Switch "M" (see Fig. 1) to the first position - BAT. Meter needle should come to rest within the red arc. If not, replace or recharge the batteries.

5. Latitude Adjustment (Backing):

   Set Range Switch (2) to 100K position, M in Switch to Positive ("+"), Latitude Switch (3), to 0 gammas and Fine Control (4) fully in the direction of "CAL" arrow.

The bucking is then zero, and the magnetometer will read the vertical component of the magnetic field with 1% accuracy. The MF-2, with calibrated latitude control as an option, has Latitude switch steps of 10,000 gammas ± 0.5%, thus the reading can be taken on more sensitive ranges and the total value of vertical component calculated by adding the meter reading to the value of the latitude switch. In order to [illegible] ranges, it is necessary to [illegible] to zero the meter reading. First, set the Latitude switch (3) to the latitude field value [illegible] Control to obtain zero. Next set the Range switch to desired range, and reading on the meter, if necessary, to obtain a zero reading.

6. The only requirement for [illegible] MF-2, is [illegible] instrument is [illegible] (1) battery [illegible] the "test" position of the switch.

7. Calibration

This instrument is factory calibrated and full tests [illegible] only misuse (i.e. dropping, [illegible] improper [illegible]) can affect the calibration. Therefore, it is not necessary to re-calibrate in the field. However, should re-calibration become necessary, for any reason, the instrument should be returned to the manufacturer.

3. All parts, except the user-replaceable batteries and [illegible], are guaranteed for a period of one year in the event of malfunction will be repaired free of charge, by return prepaid to the manufacturer's address. Should the instrument become damaged thru misuse, there the batteries have leaked (especially if not removed), if these prove to be in good order, return the instrument to your supplier, or directly to the manufacturer, for prompt repair.

*** WARNING: Always remove the external batteries when the unit is being stored or shipped. These units with internal rechargeable batteries, should be re-charged after each daily use, if possible, and at least one every six months should the unit remain in storage.

9. The charging of rechargeable batteries should be carried out using the accompanying charging unit. The procedure being:

a) Turn the magnetometer main switch to OFF.

*** N.B.*** This applies to instruments with external batteries only.

b) the charger cord to plug (6).

c) Plug charger into 120VAC 50 to 60 Hz.

d) The charger pilot light will indicate that the batteries are being charged and will go off when they are fully charged.

e) If charging is to be done from a 28 to 42V D.C. source, connect the D.C. cable to the charger, and proceed as above.

f) Should the source of charging power be 220 volts A.C., an internal adjustment to the charger is necessary.

10. Regional Latitude Settings

Normally, each unit is preset for the Northern Hemisphere, pre-setting for the Southern Hemisphere will be done at the factory, at no charge at the time and at no extra cost. However, should the unit be required for use in both Hemispheres, re-setting instructions will be supplied on request.

FIELD PROCEDURES

1. Select a base control station, the choice of location being governed by the following considerations:

a) General magnetic level (i.e. not in valleys if possible).

b) Accessibility, in relation to the area being surveyed.

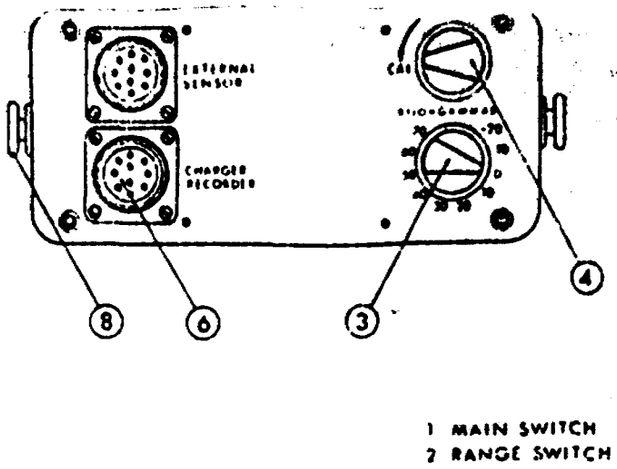
2. Set the magnetometer to read between 0 and 200 gammas. (For the sake of convenience in recording and to avoid negative readings, an arbitrary value of 100 to 1000 gamma may be added to all readings).

3. For effective diurnal control, control stations should be permanently marked, and readings should be taken at the same height and location each time. A simple method is to have the top of the control station picket at about waist height. Rest the probe end of the magnetometer on this picket while taking the reading. In barren country, a mound, large rock or some similar object, can be marked and used as a substitute for pickets.

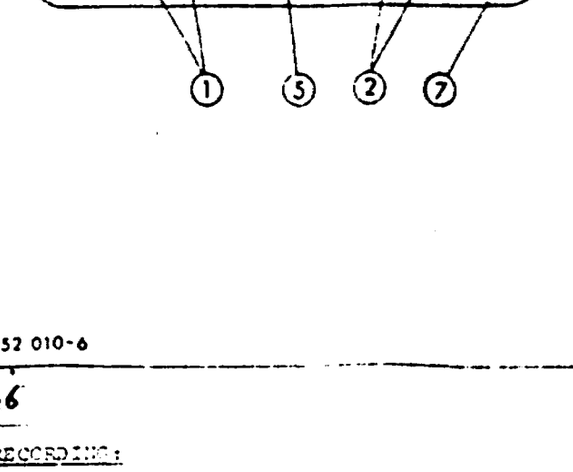
4. Normal magnetometer survey procedures should be adhered to for the remainder of the survey.

5. Powerful magnets should be kept more than 1 foot away from the MF-2 instrument.

6. During winter operation, external batteries (if used) should be kept in a pocket or under a parka. (Only use batteries with low steel content e.g. Eveready).



1 MAIN SWITCH
2 RANGE SWITCH
3 LATITUDE SWITCH
4 LATITUDE FINE CONTROL
5 LEVEL
6 CHARGER & RECORDER PLUG
7 UPPER BUTTON
8 LOWER BUTTON



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RECORDING:

Using [illegible] the Esterline Angus Model 1171B or TOA Electronics Model EPR-2T, the MF-2 magnetometer can be used to record diurnal changes, etc. These recorders are battery or AC operated and the input impedance of 2 Megohms will produce an error of only .3%.

The sensitivity output of the MF-2 is [illegible] 10 kilo-ohm resistor at the range switch will yield deflection of the meter.

The highest sensitivity, a recording span of plus minus 50 gammas can be obtained by setting the MF-2 range switch to 1000 gamma, and the recorder range to 5mV.

The recorder should be placed at least at a distance of 10 feet to avoid a magnetic disturbance. A recorder cable 752 025 can be obtained to secure the proper connection.

HEMISPHERE SETTING

To convert the polarity setting from the Northern to the Southern hemisphere or vice versa, only a screw driver 1/4" (6mm) wide is required.

1) Place the instrument flat on a table.
2) Remove the four screws at the corners of bottom plate.
3) Pull bottom plate carefully off the instrument.
4) The position of the white connector plug on the top plate of the Latitude switch (3) is determining the setting. The notch of the plug facing the "N" on the top plate indicates the setting for the Northern hemisphere. Pull the plug carefully, (do not pull and bend the wires), turn and insert plug again when notch faces exactly "S".
5) When assembling the instrument make sure that the gasket ring is placed properly between the bottom plate and the tubing.

ASSESSMENT WORK DETAILS

Type of Survey: Magnetometer

A separate form is required for each type of survey

Township or Area: Garson Township

Chief Line Cutter or Contractor: Harold V. Barry (Name)

1265 Arvo Road, Sudbury, Ontario (Address)

Party Chief: Clarence Marchand (Name)

190 Woolner Ave. Apt. 1217, Toronto 167 (Address)

Consultant: GHD Consultants Limited (Name)

209 - 185 Bay Street, Toronto, 116. Ont. (Address)

Geological field mapping by: ______ (Name)

______ (Address)

COVERING DATES

Line Cutting: August 1970

Field: January & April 1971

Instrument work, geological mapping, sampling etc.

Office: April 1971

INSTRUMENT DATA

Make, Model and Type: Scintrex MF - 2

Scale Constant or Sensitivity: See data attached (to follow)

Or provide copy of instrument data from Manufacturer's brochure.

Magnetic ~~Radiometric~~ Background Count: 850

Number of Stations Within Claim Group: 1800

Number of Readings Within Claim Group: 1800

Number of Miles of Line cut Within Claim Group: 30. 88

Number of Samples Collected Within Claim Group: ______

CREDITS REQUESTED	20 DAYS per claim	40 DAYS per claim	Includes (Line cutting)
Geological Survey	☐	☐	
Geophysical Survey	☐	☒	Show Check ✓
Geochemical Survey	☐	☐	

DATE April 8, 1971 SIGNED [signature]

Graham H. Duff

for Kenn Holdings and Mining Limited

Performance and coverage credits do not app[ly t]o airborne surveys

SPECIAL PROVISION CREDITS for PERFORMANCE & COVERAGE

MINING CLAIMS TRAVERSED

List numerically

S. 259191 - 195

259196 - 211

259135 - 150

41I10SW0020 BLEZARD0013 81 GARSON

900

RECEIVED

APR 13 1971

PROJECTS SECTION

TOTAL CLAIMS 37

Send in Duplicate to:

FRED W. MATTHEWS
SUPERVISOR PROJECTS SECTION
DEPARTMENT OF MINES &
NORTHERN AFFAIRS
WHITNEY BLOCK
QUEEN'S PARK
TORONTO, ONTARIO

ASSESSMENT WORK BREAKDOWN

Your file: No. 2,459

1. FIELD WORK

Type of Work	Name & Address	Dates Worked	Number of 8 hour days
Mag Survey - C. Marchand,	Penetanguishene	Dec. 18-Dec. 22/70	5
		Jan. 4 - Jan 14/71	11
		Jan. 18-Jan 30/71	10
Mag Survey - G. Ellsworth,	152 Golfdale Rd. Toronto, Ont.	Dec. 18-Dec. 22/70	5
		Jan. 4 - Jan 14/71	11
		Jan. 18-Jan 30/71	11
		April 16-April 17/71	2
		April 20-April 27/71	8
Mag Survey - R. Vincent,	11 Crescent Place, Toronto	April 16-April 17/71	2
		April 20-April 27/71	8

2. CONSULTANTS

Name & Address	Dates Worked (specify in field or office)	Number of 8 hour days
G. Ellsworth, 152 Golfdale Rd., Toronto,	June 15, 17, 18/71	1 1/2
T.W. Dent, 36 Castle Frank Rd., Toronto	June 17, 18/71	1

3. DRAUGHTSMAN, TYPING, OTHERS (specify)

Name & Address	Type of Work	Dates Worked	Number of 8 hour days
J. Bolbia, 150 Cosburn Ave.,	Drafting	January & April, 1971	6 1/2

TOTAL 8 HOUR TECHNICAL DAYS 87

4. LINE-CUTTING

Name	Address	Dates Worked	Number of 8 hour days
H. V. Barry,	1265 Arvo St, Sudbury (contractor)		40 (estimated)

TOTAL 8 HOUR LINE-CUTTING DAYS 40

ASSESSMENT WORK BREAKDOWN

1. Type of Survey Magnetometer — S 259141 - ½; 259143 - ¾; 259144 - X; 259145 - X; 259146 - ½; 259148 - ¼

2. Township or Area Gareon and Blezard Twps.

3. Numbers of Mining Claims Traversed by Survey

S 259135 to S 259150 inclusive

S 259191 to S 259211 inclusive — Claims not covered - 2 claims

4. Number of Miles of Line Cut 30.88 Flown

*5. Number of Stations Established 1,797

*6. Make and type of Instrument Used Scintrex MF-2

*7. Scale Constant or Sensitivity 10 gammas

*8. Frequency Used and Power Output

9. Summary of Assessment Credits (details on reverse side)

Total 8 hour Technical Days (Include Consultants, Draughting etc.) 87

Total 8 hour Line-Cutting Days 40

Calculation

87	x 7 =	609	+	40	=	649	÷	37	=	17.5
Technical				Line-cutting				Number of claims		Assessment credits per claim

The dates listed on this form represent working time spent entirely within the limits of the above listed claims [X] Check

If otherwise, please explain Except for office work. The survey was difficult to complete due to ice conditions on the lake, and because of instrument breakdown (many stations had to be redone). Because of the high cost of field work, full office time was not charged.

Dated: February 23, 1972

Signed: [signature]
for Kenn Holdings & Mining Ltd.

Note: (A) * Complete only if applicable.
(B) Complete list of names, addresses and dates on reverse side.
(C) Submit separate breakdown for each type of survey.
(D) Submit in duplicate.

ASSESSMENT WORK BREAKDOWN

Your file: No. 2,459

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Type of Work	Name & Address	Dates Worked	Number of 8 hour days
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		Jan. 4 - Jan 14/71	11
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3. DRAUGHTSMAN, TYPING, OTHERS (specify)

Name & Address	Type of Work	Dates Worked	Number of 8 hour days
J. Bolbin, 150 Cosburn Ave.,	Drafting	January & April, 1971	6 1/2

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Name	Address	Dates Worked	Number of 8 hour days
H. V. Barry,	1265 Arvo St, Sudbury (contractor)		40 (estimated)

TOTAL 8 HOUR LINE-CUTTING DAYS 40

Rec. Rec. Head office Sudbury,
Apr. 12/72.

AREA CODE 416
TELEPHONE – 965-6918

2.459

WHITNEY BLOCK
QUEEN'S PARK
TORONTO 182, ONT.

ONTARIO

DEPARTMENT OF MINES AND NORTHERN AFFAIRS

April 7, 1972

Mr. Joseph A. Stocking
Mining Recorder
118 Cedar Street
Sudbury, Ontario

Dear Sir:

Re: Mining Claims S. 259135 et al
Blezard and Garson Twps. File 2.459

The Geophysical (Magnetometer) assessment work credits as listed with my Notice of Intent dated March 16, 1972 have been approved as of the date above. Please inform the recorded holder and so indicate on your records.

Yours very truly,

Fred W. Matthews
Supervisor
Projects Section

OJ/mh

cc: Kenn Holdings & Mining Ltd
Suite 209 - 185 Bay St.
Toronto 116, Ontario

cc: G.H.D. Consultants Ltd
Suite 209 - 185 Bay St.
Toronto, Ontario

Attn: T.W. Dent

cc: Resident Geologist ✓
1540B La Salle Blvd
Sudbury, Ontario

Re. Head Office

APR 13 1971

ONTARIO

THE MINING ACT REPORT OF WORK

PROJECTS SECTION
A separate form required for each type of work to be recorded.

23

To the Recorder of Sudbury Mining Division

I, Kenn Holdings and Mining Limited A 37259
name of Recorded Holder Miner's Licence

Suite 209 - 185 Bay Street, Toronto 116, Ontario
Post Office Address

do hereby report the performance of 40 1/4.80 days of Magnetometer type of work

not before reported to be applied on the following contiguous claims

Claim No.	Days	Claim No.	Days	Claim No.	Days
		SEE ATTACHED PINK FORM			

All the work was performed on Mining Claim (s) Bryard
(In the case of geological and/or geophysical survey (s) where more than 18 claims are involved attach a schedule)

READ CAREFULLY: THE FOLLOWING INFORMATION IS REQUIRED BY THE MINING RECORDER.

For Manual Work, Stripping or Opening up of Mines, Sinking Shafts or Other Actual Mining Operations – Names and addresses of the men who performed the work and the dates and hours of their employment.
For Diamond and other Core Drilling - Footage, No. and angle of holes and diameter of core. Name and address of owner or operator of drill. Dates when drilling was done. Signed core log and sketch in duplicate.
For Compressed Air or Other Power Driven or Mechanical Equipment
Type of drill or equipment. Names and addresses of men engaged in operating equipment and the dates and hours of their employment.
For Power Stripping - Type of equipment. Name and address of owner or operator. Amount expended. Dates on which work was done. Proof of actual cost must be submitted within 30 days of recording.
With each of the above types of work sketches are required to show the location and extent of the work in relation to the nearest claim post. In the case of diamond or other core drilling the sketch must be submitted in duplicate.
For Geological and Geophysical Survey - The names and addresses of men employed as well as dates. Type of instrument used in the case of geophysical survey. Reports and maps in duplicate must be filed with the Minister within 60 days of recording.
For Land Survey - the name and address of Ontario Land surveyor.

The Required Information is as Follows: (Attach a list if this space is insufficient)

Report and Maps being forwarded to Toronto.

Date April 8, 1971

G. H. Duff for Kenn Holdings and Mining Limited
Signature of Recorded Holder or Agent

The Mining Act
Certificate Verifying Report of Work

I, Graham H. Duff

209 - 185 Bay Street, Toronto 116, Ontario
(Post Office Address)

hereby certify:

1. That I have a personal and intimate knowledge of the facts set forth in the report of work annexed hereto, having performed the work or witnessed same during and/or after its completion.

2. That the annexed report is true. to follow

SUDBURY
RECEIVED
APR 19 1971
7 8 9 10 11 12 1 2 3 4 5 6

Dated April 8 1971

Graham H. Duff
Signature

A

S 2591 91

THE PENALTY FOR MAKING A FALSE STATEMENT IN THIS REPORT AND/OR CERTIFICATE IS $500, OR SIX MONTHS IMPRISONMENT OR BOTH

Assessment work Details

ASSESSMENT ...

Type of Survey	Magnetometer
	A separate form is required for each type of survey
Township or Area	Garson Township
Chief Line Cutter or Contractor	Harold V. Barry (Name)
	1265 Arvo Road, Sudbury, Ontario (Address)
Party Chief	Clarence Marchand (Name)
	190 Woolner Ave. Apt. 1217, Toronto 167 (Address)
Consultant	GHD Consultants Limited (Name)
	209 - 185 Bay Street, Toronto, 116. Ont. (Address)
Geological field mapping by	(Name)
	(Address)

COVERING DATES

Line Cutting	August 1970
Field	January & April 1971
	Instrument work, geological mapping, sampling etc.
Office	April 1971

INSTRUMENT DATA

Make, Model and Type	Scintrex MF - 2
Scale Constant or Sensitivity	See data attached (to follow)

Or provide copy of instrument data from Manufacturer's brochure.

Magnetic ~~Radiometric~~ Background Count	850
Number of Stations Within Claim Group	1800
Number of Readings Within Claim Group	1800
Number of Miles of Line cut Within Claim Group	30.88
Number of Samples Collected Within Claim Group	

CREDITS REQUESTED

	20 DAYS per claim	40 DAYS per claim	Includes (Line cutting)
Geological Survey	☐	☐	
Geophysical Survey	☐	■	Show Check ✓
Geochemical Survey	☐	☐	

DATE April 8, 1971 SIGNED

... and Mining Limited

Perform... do not apply to airborne surveys

... FOR CREDIT ... PERFORMANCE & COVERAGE

MINING CLAIMS TRAVERSED
List numerically

S. 259191 - 195
259196 - 211
259135 - 150

RECEIVED
APR 13 1971
PROJECTS SECTION

TOTAL CLAIMS 37

Send in Duplicate to:

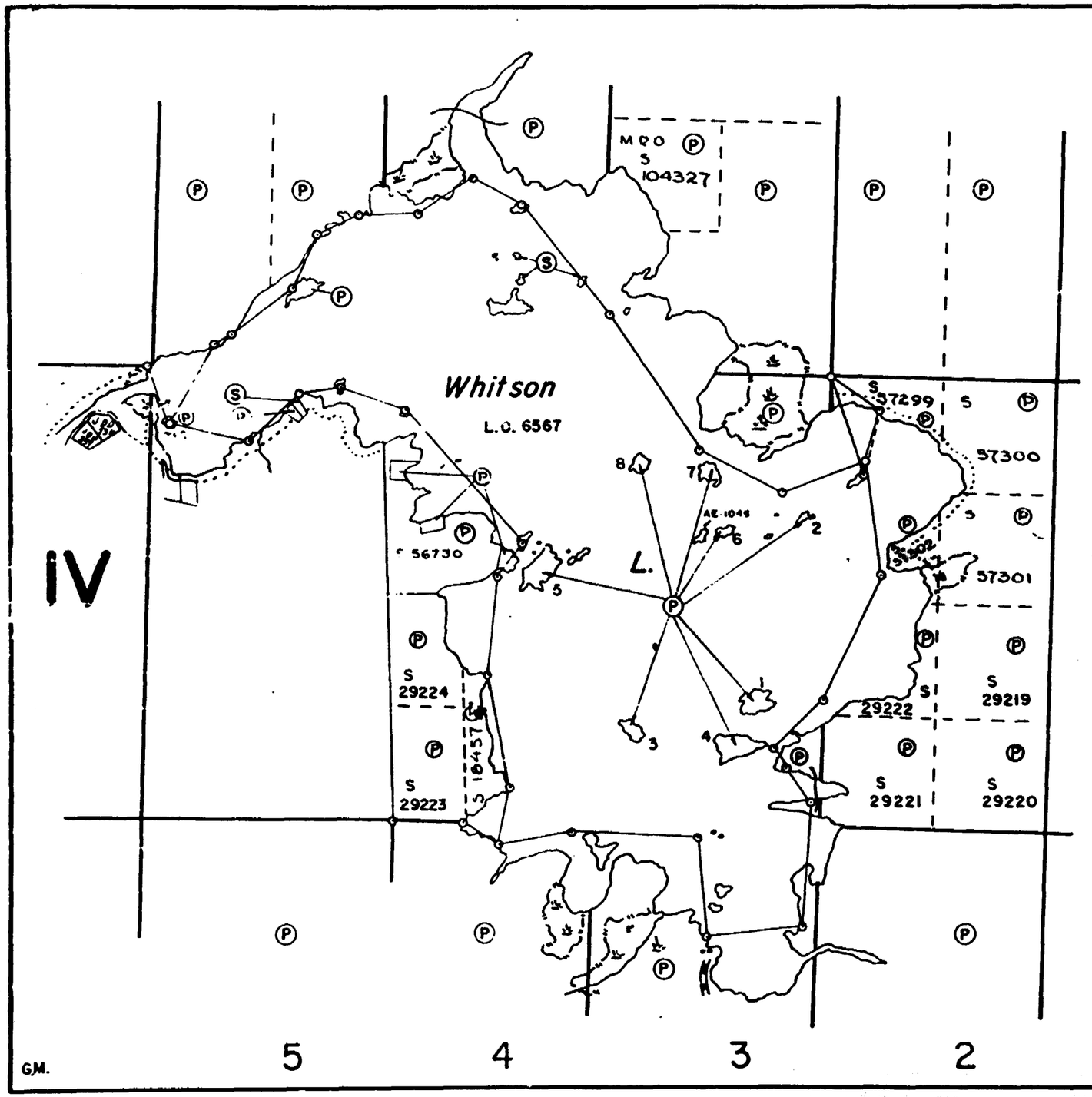
FRED W. MATTHEWS
SUPERVISOR-PROJECTS SECTION
DEPARTMENT OF MINES & NORTHERN AFFAIRS
WHITNEY BLOCK
QUEEN'S PARK
TORONTO, ONTARIO

KENN HOLDINGS AND MINING LIMITED - THE MINING ACT REPORT OF WORK

SCHEDULE "A"

CLAIM NO.	DAYS
259191	40
259192	40
259193	40
259194	40
259195	40
259196	40
259197	40
259198	40
259199	40
259200	40
259201	40
259202	40
259203	40
259204	40
259205	40
259206	40
259207	40
259208	40
259209	40
259210	40
259211	40

CLAIM NO.	DAYS
259135	40
259136	40
259137	40
259138	40
259139	40
259140	40
259141	40
259142	40
259143	40
259144	40
259145	40
259146	40
259147	40
259148	40
259149	40
259150	40



PART OF THE TOWNSHIP OF
BLEZARD
DISTRICT OF SUDBURY
SUDBURY MINING DIVISION
SCALE: 1-INCH = 20 CHAINS

LEGEND

PATENTED LAND	(P)
CROWN LAND SALE	(S)
LICENSE OF OCCUPATION	L.O.
ROADS	
MARSH OR MUSKEG	

NOTES

L.O. 6567 - BEING ALL LAND UNDER WATER OF WHITSON L. ASS'GD. TO INTERNATIONAL NICKEL CO. OF CANADA

WHITSON L. WITHDRAWN FROM STAKING

FLOODING RIGHTS RESERVED TO 963·80 FEET ON WHITSON L. - REF. FILE - 82639

400' Surface Rights Reservation around all Lakes and Rivers.

SURVEY BY A.D. ESTE O.L.S. — JULY 5, 1947.

TOPOGRAPHY BY FOREST RESOURCES INVENTORY

SEE PLAN NO. — M-670 —

N

THE TOWNSHIP
July 6/71 OF Kenn Holdings (Mng) Ltd 1971

BLEZARD

DISTRICT of SUDBURY

SUDBURY MINING DIVISION M-670

SCALE 1 INCH TO 40 CHAINS

HANMER TWP

Whitson L.O. 536

L.

GARSON TWP

KAYSIDE TWP

McKIM TWP

City Of Sudbury

VI

V

IV

III

II

I

12 11 10 9 8 7 6 5 4 3 2 1

Capreol Twp. (M.699)

THE TOWNSHIP
OF
Claim Map

GARSON

M.831

DISTRICT OF
SUDBURY

SUDBURY
MINING DIVISION 2.459

SCALE: 1-INCH 40 CHAINS

VI

V

IV

III

II

I

Falconbridge Twp (M.799)

Neelon Twp. (M.886)

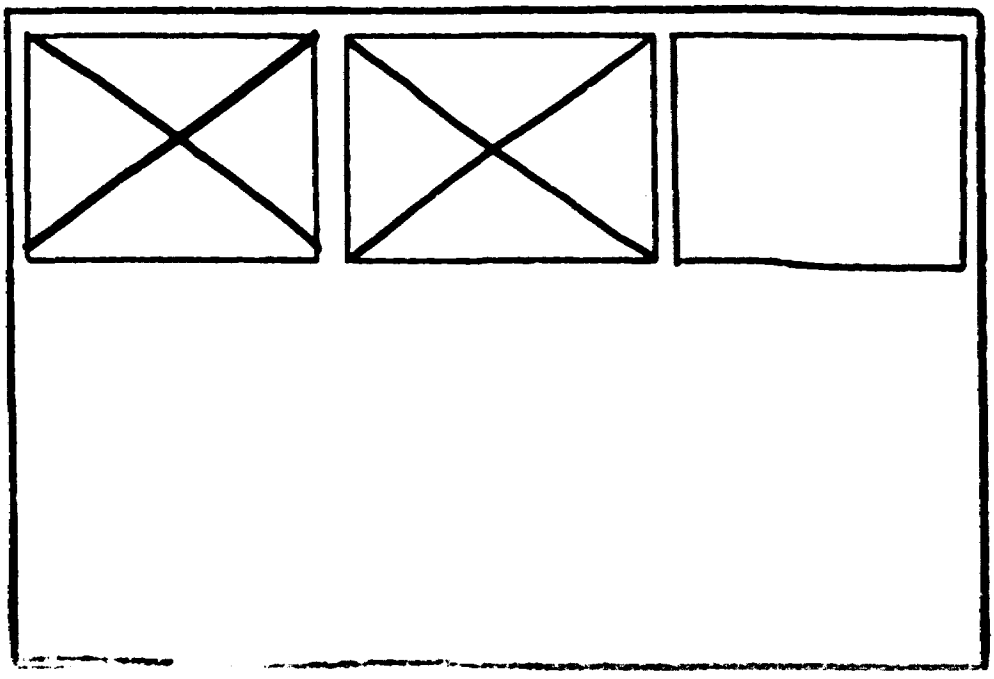
12 11 10 9 8 7 6 5 4 3 2 1

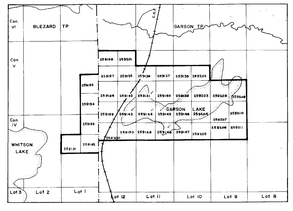
SEE ACCOMPANYING MAP(S) IDENTIFIED AS

BLEZARD-0013-B1 #1 (FRAME 1)

#1 (FRAME 2)

LOCATED IN THE MAP CHANNEL IN THE FOLLOWING SEQUENCE (X)





LOCATION MAP
Scale 1" = 1/2 Mile

LOCATION MAP
Scale 1" = 6 Miles

BLEZARD TWP

GARSON TWP

N BASE LINE

N BASE LINE

GARSON LAKE

(AST)

NOTE:
Readings marked with a black dot were taken with a new instrument, starting on APRIL 23, 1971.


GARSON LAKE
N. BASE LINE
S. BASE LINE
BLEZARD TWP
GARSON TWP
LOCATION MAP
Scale 1" = 6 Miles
NOTE:
Readings marked with a black dot were taken with a new instrument, starting on APRIL 23, 1971.
BASE LINES - 4.41 MILES
CROSS LINES - 26.47 MILES
KENN HOLDINGS & MINING LTD.
GARSON & BLEZARD TOWNSHIPS - ONTARIO
MAGNETOMETE R SURVEY
R. BLUCHER
FEB 71
70058
1" = 200'
DHD CONSULTANTS LIMITED
TORONTO CANADA
T. W. DENT
BLEZARD-0013-B1 #1