010

GEOLOGICAL SURVEY

SALO MATHESON TOWNSHIP PROPERTY

Porcupine Mining Division
District of Cochrane
Ontario

June 1990

C.G. CHERITON Ph.D.

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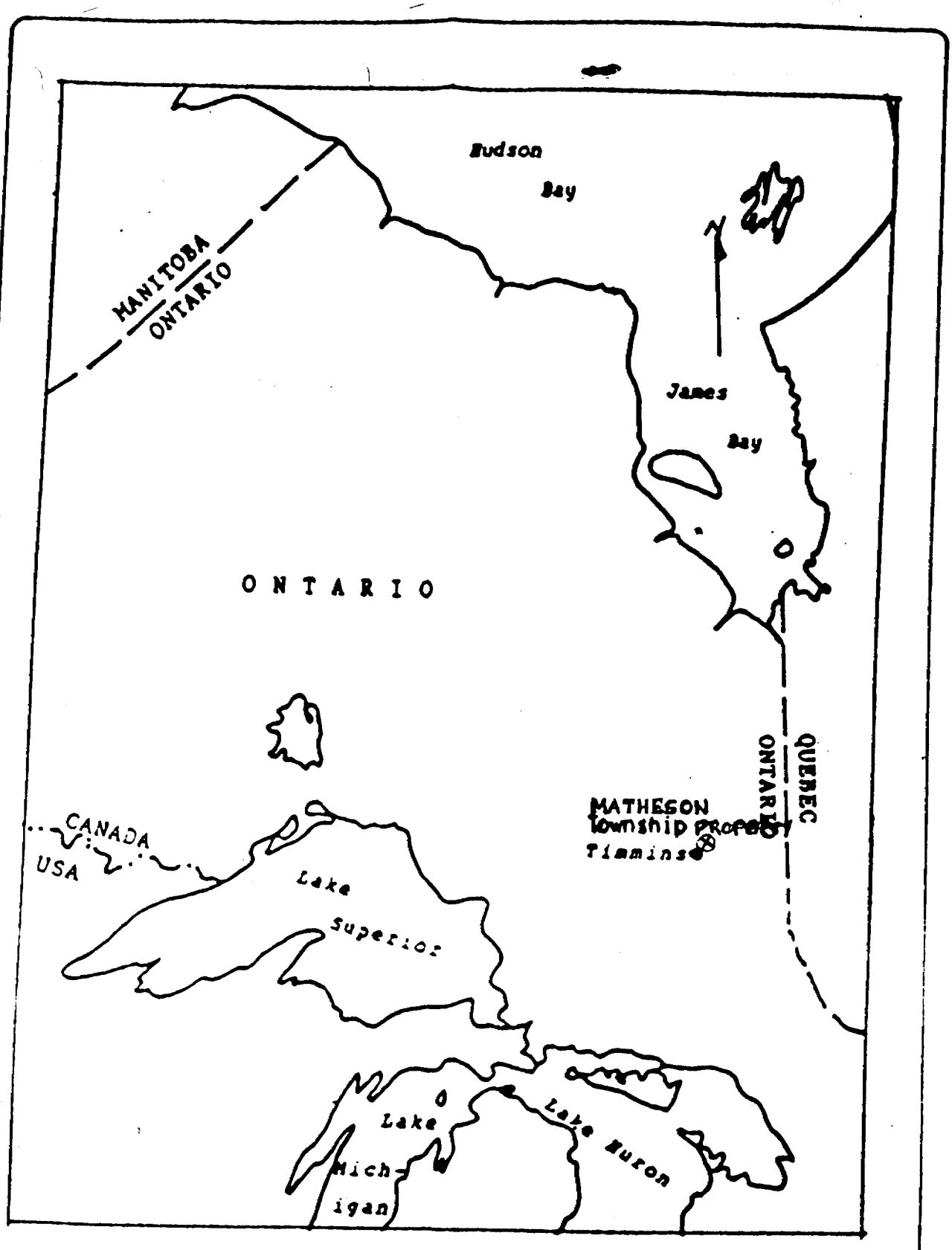
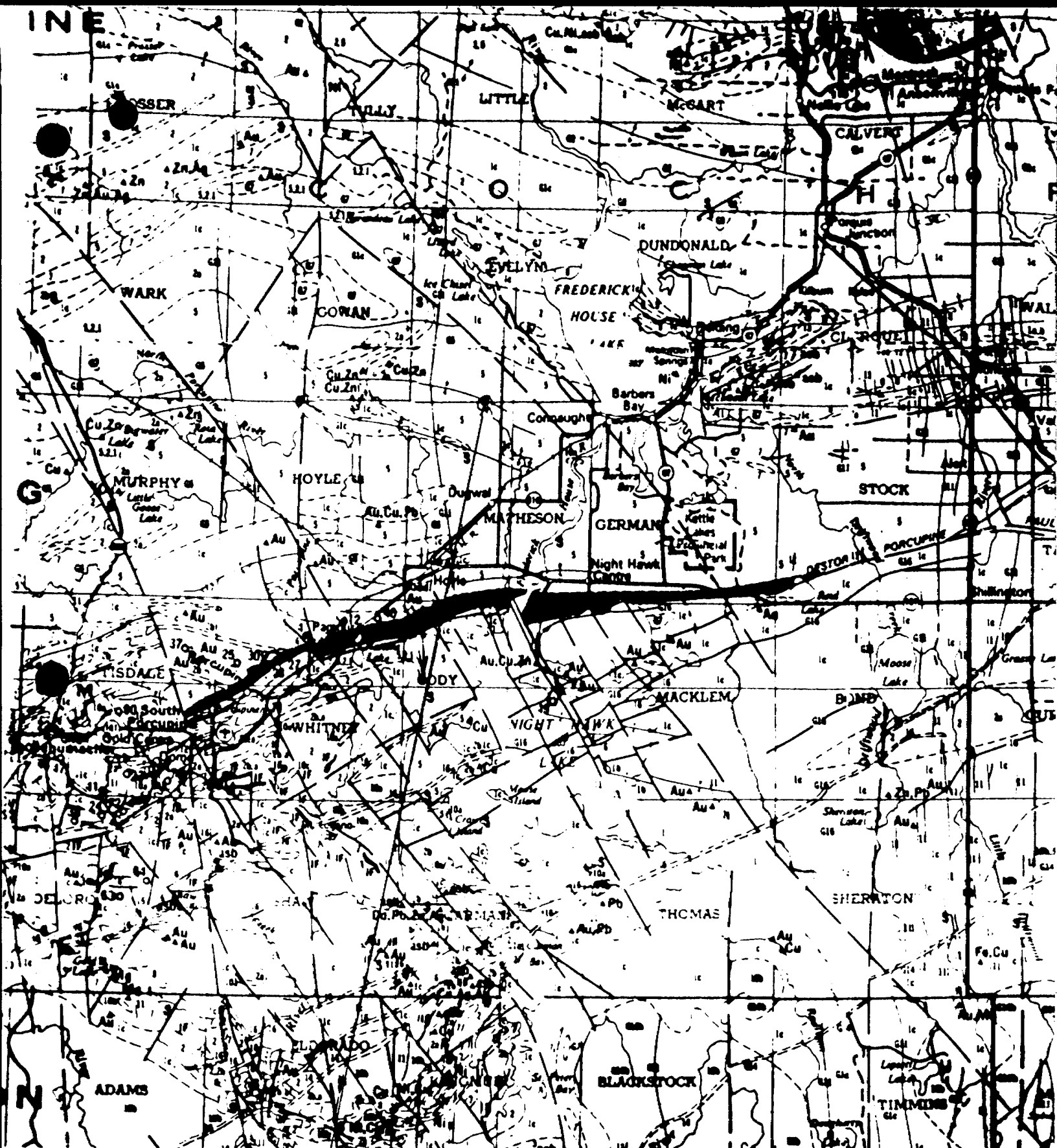


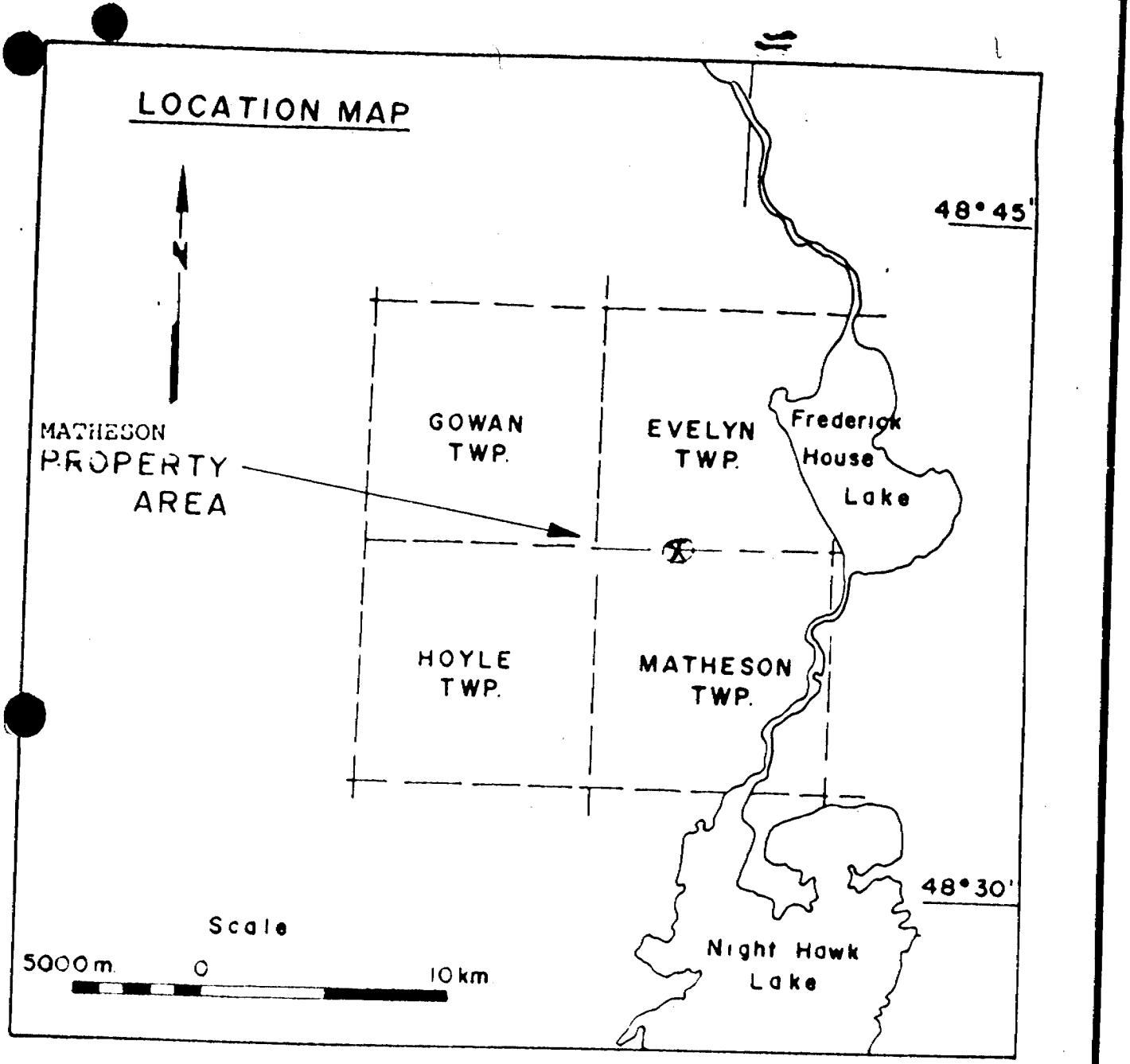
Figure I

Location of the Timmins Area of Ontario and of Matheson Township property area.

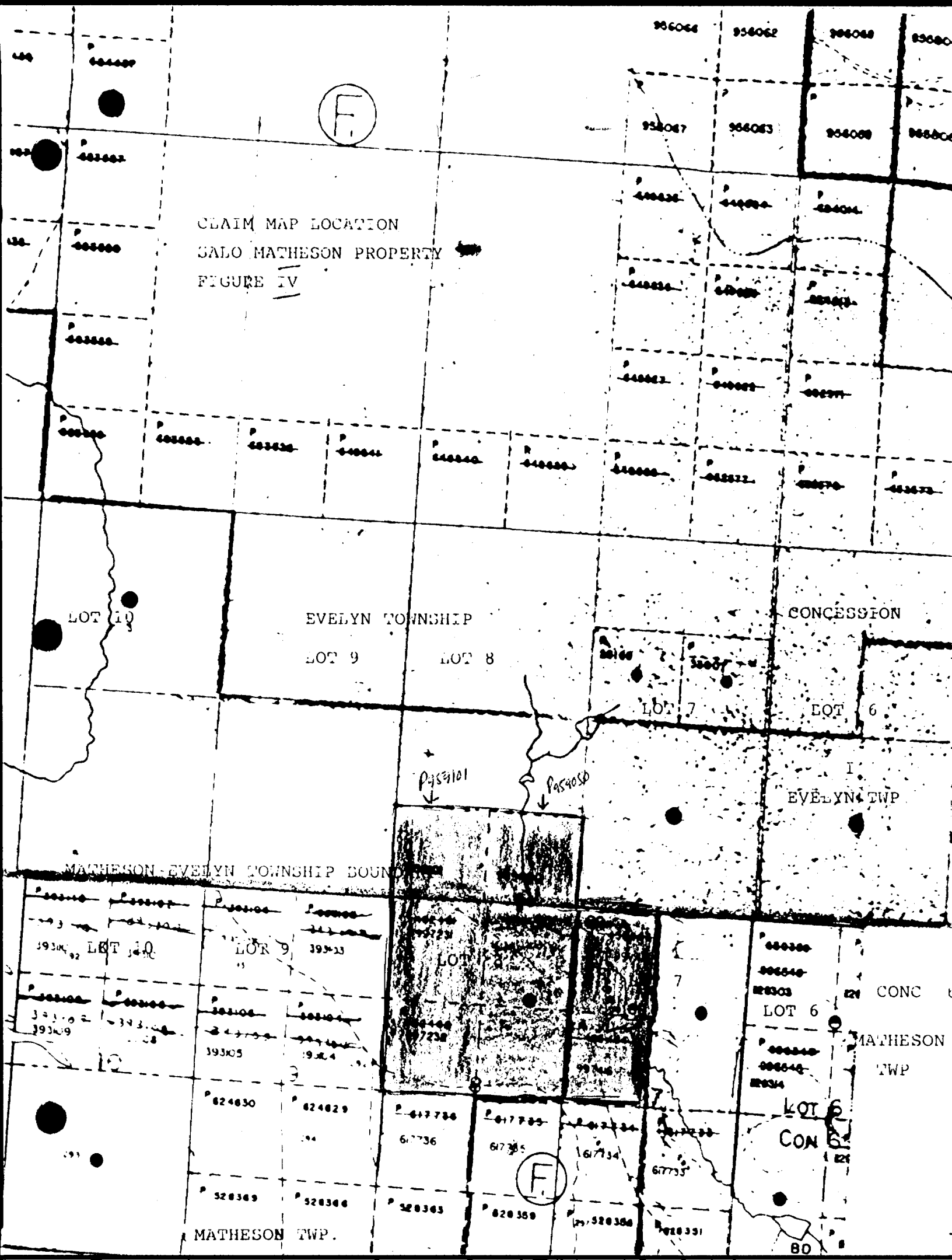


SALO MATHESON PROPERTY

GEOLOGICAL LOCATION MAP
FIGURE II



TOWNSHIP LOCATION MAP FIGURE III


CLAIM MAP LOCATION
SALO MATHESON PROPERTY
FIGURE IV
LOT 10
EVELYN TOWNSHIP
LOT 9
LOT 8
CONCESSION
LOT 7
LOT 6
EVELYN TWP
MATHESON-EVELYN TOWNSHIP BOUND
LOT 10
LOT 9
LOT 8
7
CONC
LOT 6
MATHESON
TWP
LOT 6
CON 6
MATHESON TWP.
80

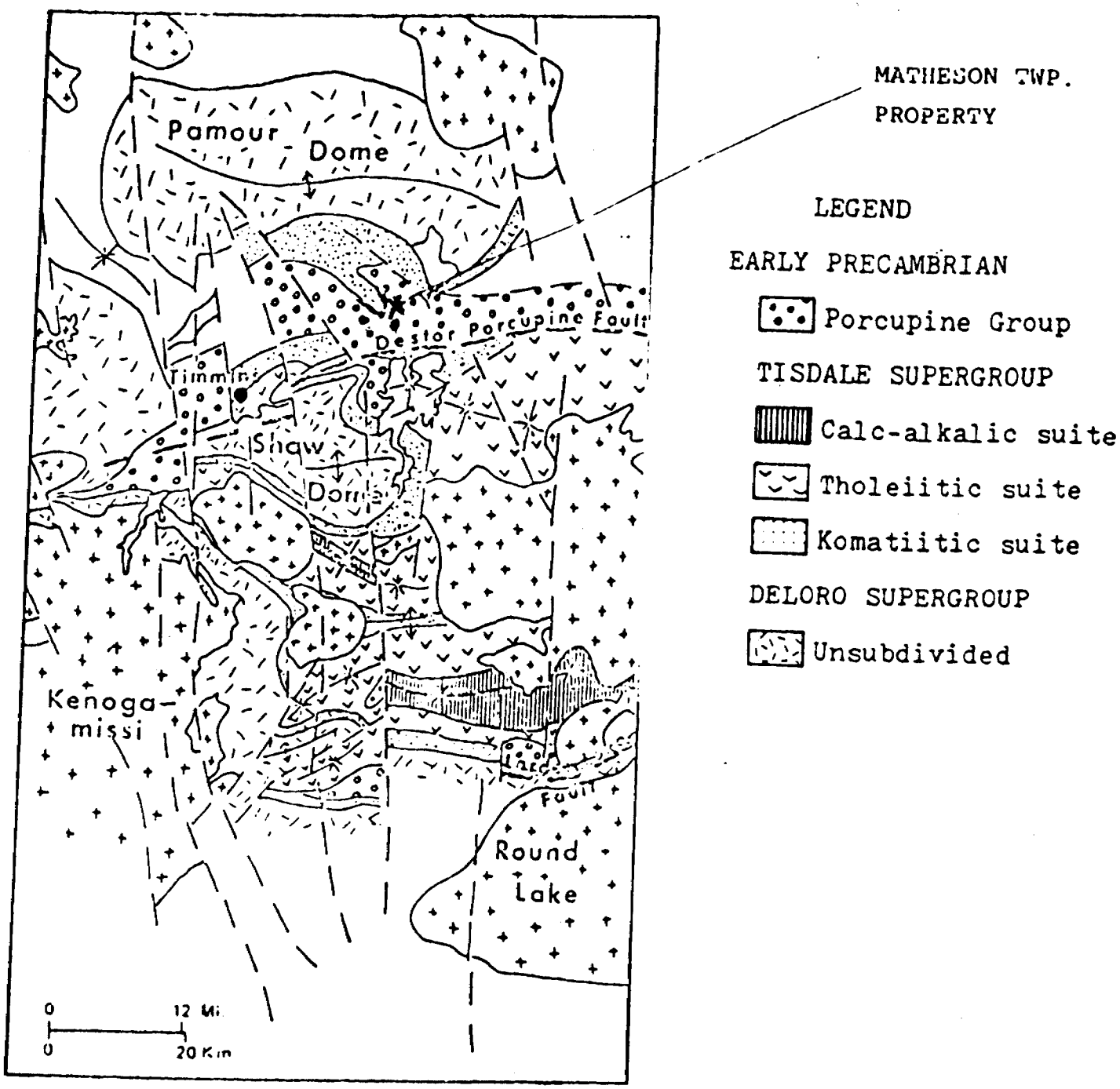


FIGURE V

Regional Stratigraphy of the Timmins-Matachewan Area
(after Pyke, 1978)

INTRODUCTION

During June of 1990 a geological survey was completed from June 9, 1990 to June 30, 1990 on the 6 contiguous, unpatented mining claims and patented 1/4 lot knownas the Salo Matheson Township Property in the mid-north area of Matheson Township and mid-south area of Evelyn Township.

PURPOSE

The purpose of the survey was to try and locate bedrock outcropping, glacial floats and to identify the lithological units, location of structural features and to locate favorable areas for gold. In this area gold mineralization is associated with narrow quartz or quartz carbonated veining in meta-volcanic rocks, sulphide mineralization associated with zones of carbonatization within structural features, such as faults, shear zones and fractures.

METHOD

The entire property was traversed by the pace and compass method using the Matheson - Evelyn Township line and Airphotos for control. Traverse lines were kept at approximately 100 metres between lines. Mapping is shown at a scale of 1-5000.

LOCATION

The Salo Matheson Township Property is located in the North 1/2 of Lot 8, the north west 1/4 of Lot 7, Concession 6 Matheson Township and in the south 1/2 of Lot 8, Concession I Evelyn Township. The property contains unpatented mining claims and a patent 1/4 lot (surface and mineral rights) and straddles the Matheson-Evelyn Township boundary, Porcupine Mining Division, District of Cochrane, Ontario. The property is approximately 26km (16 miles) north east of the core of the City of Timmins.

ACCESS

Access to the property is gained from Highway 610 which branches off Highway 101 at Hoyle east of Timmins. From Highway 610, an all-weather gravel road known as the Ice Chest Road, runs north through the central portion of Matheson and Evelyn Townships. From this road about 3 1/2 miles north the old dump road branches off to the west and joins a 4x4 road at the dump which runs north to the property. Alternatively the property may be reached by the Matheson Evelyn Township Boundary Winter Road from the Ice Chest Road by skidoo in the winter or ATV in the summer.

PROPERTY AND OWNERSHIP

The Salo Matheson Township Property consists of 6 contiguous unpatented mining claims and a patent (mineral and surface rights) 1/4 lot in the mid south section of Evelyn Township and the mid-north section of Matheson Township as follows:

Claim No.	Lot and Concession	Township
P997415	N 1/2 of NW 1/4 Lot 7-Conc. 6	Matheson Township
P997416	S 1/2 of NW 1/4 Lot 7-Conc. 6	Matheson Township
P997231	N 1/2 of NW 1/4 Lot 8-Conc. 6	Matheson Township
P997232	S 1/2 of NW 1/4 Lot 8-Conc. 6	Matheson Township
P997050	S 1/2 of SW 1/4 Lot 8-Conc. 1	Evelyn Township
P997101	S 1/2 of SE 1/4 Lot 8-Conc. 1	Evelyn Township
Patent	NE 1/4 of Lot.8-Conc.6	Matheson Township

The above mining claims are recorded in the names of Mr. Arvo Salo, 5 Colville Street, Virginiatown, Ontario P0K 1X0. The surface rights of the patent are registered in the name of Fern and Alyce Lapierre, General Delivery, Connaught, Ontario P0N 1A0. The patent mineral rights are registered and held 50% by Arvo Salo, 25% by Fern Lapierre and 25% by Alyce Lapierre.

TOPOGRAPHY

Local relief is flat generally less than 10 feet. The area is a flat clay plain. A slightly higher area of ground is located near the north end of the patent ground. A small stream meanders through the eastern part of the property forming a small and a large beaver pond located respectively in the north east end of the patent and on the eastern unpatented claims No's P997415 and P997416. It is part of the Porcupine River drainage system and merges about 4 miles downstream with the Porcupine River which flows into Nighthawk Lake. Poor drainage of slightly lower lying areas results in a large part of the property being muskeg and swamp which has developed on sand, gravel and clay. In many places the clay is impervious, prohibiting drainage and keeping the water table on top of the clay. The bogs support the growth of black spruce and tag alders. There are patches of poplar and balsam where the water saturation of the land is less intensive.

OVERBURDEN

Overburden is glacial and in the area of the claims is generally about 50' to 60' as established by overburden drilling by St. Joe Canada. Since the surface topography is flat the thickness is directly related to and variable with the bedrock topography.

REGIONAL GEOLOGY

The Timmins area is underlain by Archean rocks of the Abitibi greenstone belt. The Abitibi belt is composed of mafic to felsic volcanic complexes and associated intrusive bodies flanked by linear bands of metavolcanic and meta-sedimentary rocks. (Deptuck, Squair, Wierzbicki, 1982).

Metavolcanic rocks of the Timmins area are divided into two groups (super groups) - the older Deloro Group and overlying Tisdale Group. Porcupine Group metasedimentary rocks also occur and are time equivalent to the upper portions of the Deloro Group and the entire Tisdale Group (Pyke, 1980).

The Deloro Group rocks are a calc-alkalic series consisting of predominantly andesite and basalt in the lower portions and dacitic flows and dacitic to rhyolitic pyroclastics towards the top. Tholeiitic rocks are prominent only at the base of the group. Exposures of Deloro Group rocks are confined to structures such as the Shaw Dome and Pamour Dome or to the margins of granitic plutons which have domed the surrounding rocks. (Pyke 1978). The entire sequence is 4500 - 5000 metres thick.

The beginning of the Tisdale Group is marked by a major change in volcanism. Komatiitic rocks occur at the base of the sequence. These are overlain by a thick succession of tholeiitic basalts. The uppermost rocks of the group are of calc-alkalic affinity and consist primarily of dacitic volcaniclastics. The entire succession is approximately 5000 metres thick.

Porcupine Group metasediments form a turbidite sequence of approximately 3000 metres in thickness. The meta-sediments consist primarily of intercalated greywacke and siltstone with lesser amounts of conglomerate. (Pyke, 1980;1982.).

Along with the metavolcanics and metasediments, ultramafic intrusive rocks and quartz-feldspar porphyry bodies are present. The ultramafic intrusives appear to occur as sills predominantly within the Deloro Group. Several sub-volcanic, quartz-feldspar porphry bodies are present within a restricted stratigraphic interval (on or near the contact of the Deloro and Tisdale Groups). These porphyries may represent extrusive rhyolitic domes. (Pyke, 1978,1982)

The major structural feature of the area is the Destor-Porcupine Fault, located 10 km. to the south. This lineament extends from the Kapuskasing Structure in the west to the Grenville front east of Val d'Or - a distance of approximately 450 kilometres. In the Noranda area, the fault merges with the Cadillac Break which is an eastward extension of the Larder Lake Break. The Pipestone Fault a north branch of the Destor Porcupine, and whose definition and westward

TABLE VI

Table of Lithological Units MATHESON Township

10 Mafic Intrusives
Diabase

9 Kapuskasing Metamorphic Complex

8 Intermediate to Felsic Intrusives

7 Migmatites

6 Mafic to Ultramafic Intrusives

Metavolcanics and Metasediments

5 Metasediments

4 Metavolcanics

3 Felsic Metavolcanics
- a tuff and pyroclastic flows
- b breccia
- c dikes
- d massive flows
- e pillow flows
- f porphyritic flows
- g graphitic horizon
- h carbonated

2 Intermediate Metavolcanics
- a tuff and pyroclastic flows
- b breccia
- c dikes
- d massive flows
- e pillow flows
- f porphyritic flows
- g graphitic horizon
- h carbonated

1 Mafic Metavolcanics
- a tuff and pyroclastic flows
- b breccia
- c dikes
- d massive flows
- e pillow flows
- f porphyritic flows
- g graphitic horizon
- h carbonated

extension is difficult to ascertain may be an important structure also in the Matheson Twp. area.

Gold deposits within the Timmins area appear spatially and genetically related to carbonatized portions of the komatiitic suite of volcanic rocks forming the basal portion of the Tisdale Group. Furthermore, a structural control is probable as most economically viable deposits occur in proximity to, and north of the Destor-Porcupine Fault. (Pyke, 1978).

PREVIOUS EXPLORATION

Due to heavy overburden, previous exploration has been directed mainly to geophysical evaluation of the geological environment near a prominent airborne magnetic anomaly trending east-west across Hoyle Twp. and into Matheson Twp. as far east as Lot 6, Concession V.

1952: Dominion Gulf conducted an airborne magnetic survey and carried out a ground magnetic survey on thirty-one claims south of the property. The magnetic anomaly was interpreted as an anticlinal structure consisting of Keewatin lavas, or as multiple basic intrusives. Overburden was thought to average about 15m over the anomaly.

1964: Dominion Gulf completed a VLF-EM and fluxgate magnetic survey south of the property area. Nine conductive zones with weak magnetic association were located and a detailed geophysical survey was recommended. (File T-530).

1963 - 65: Hollinger Consolidated Gold Mines completed an EM survey on thirty six claims covering the Dominion Gulf ground south of the property. Seven conductors were located and three were drill tested totalling 427m. The conductors were explained by graphitic sediments. (File T-971).

1965: Keevil Mining Group performed magnetic and EM surveys over fourteen claims in northwestern Matheson and northeastern Hoyle Twp. west of the property and located two conductors with no associated magnetic anomalies. Graphitic slate was interpreted as the source. (File T-965).

1965: Jayco Mines carried out magnetometer and EM surveys east of the property. The survey located weak bedrock conductors under thick overburden. (File T-1180).

1966: Hollinger Consolidated carried out diamond drilling 400 metres south the property on a ground EM target. The conductor was explained by the presence of graphitic slate in the core. (File T-971).

1979: Asarco completed six overburden drill holes located in the southwest and southeast parts of the old Hollinger claims south of the property. The overburden averaged about 24m. No analyses were submitted.

EXERPT VII

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE Oct 28.29 1982
SHIFT HOURS ______ TO ______
TOTAL HOURS ______
CONTRACT HOURS ______

HOLE NO. A-82-14 LOCATION 27+75E 6+50 N
GEOLOGIST R. H[illegible] DRILLER [illegible] BIT NO [illegible] BIT FOOTAGE 0-19.5
MOVE TO HOLE 7:45→8:30 Oct 28
DRILL 8:30-9:00, 11:15→11:30 Oct 28 / 8:00-10:15 Oct 29
MECHANICAL DOWN TIME 9:00→11:15; 11:30→rest of day Oct 28 [illegible] pulley tapering pin.
DRILLING PROBLEMS
OTHER Travel 7:30→7:45 Oct 28 / 7:15-7:30 (to site), 7:30→7:45 (in rig) Oct 29
MOVE TO NEXT HOLE

DEPTH IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO	DESCRIPTIVE LOG
1–20			01, 02, 03, 04, 05, 06	

Spruce bush
0-1.0 mucky organics
1.0-9.0 Clay
1.0-8.5 - gray, soft, smooth
8.5-9.0 - slight grit
- fine sand, gray beige

9.0-10.8 Till
- gritty clay matrix, grey
- lots fine sand
9.0-10.2 - cobbly - 75% V/S, 15-20% Gr, Tr-5% Lime
(9.4-9.6 - Boulder - granitic, coarse grain, quartz rich)
10.2 - 10.8 - pebbly - 60-75% V/S, 15-20% Gr, 5-10% Lime
(10.8 - 11.8 Boulder - granitic, coarse grain, Granite)

11.8 - 17.8 Till
- fine sand matrix, grey beige
11.8-12.1 - pebbly, very compact - 80-85% V/S, 0-15% Lime, 0-5% Gr
(12.1 - 12.7 Sand)
- fine grain
- grey beige
12.7 - 14.1 - pebbly - 80-85% V/S
10-15% Lime
0-5% Gr
14.1 - 15.6 - cobbly - 90-95% V/S
- 5-10% Lime
0-5% Gr
(15.6-16.2 Boulder)
- grey green - fine grain
- lots of pyrite ≤1%
- intermediate mafic V/S
16.2 - 17.8 - cobbly - 90-95% V/S
5-10% Lime
0-5% Gr

17.8 - 19.5 . BEDROCK
- surface soft, grinded to clay - yellow-green
- very weathered
- quartz phenocrysts - present in clay.
- Greywacke.

T.2510

EXERPT VIII

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE 26 29 1983

SHIFT HOURS ____ TO ____

TOTAL HOURS ____

CONTRACT HOURS ____

HOLE NO. AL-83-15 LOCATION L 23+95 6+04 N

GEOLOGIST [illegible] DRILLER P. [illegible] BIT NO. [illegible] BIT FOOTAGE 19.5-36.3

MOVE TO HOLE 10:15 - 10:45

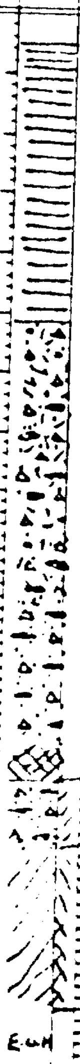
DRILL 10:45 -> 12:45

MECHANICAL DOWN TIME ____

DRILLING PROBLEMS ____

OTHER ____

MOVE TO NEXT HOLE ____

DEPTH IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO	DESCRIPTIVE LOG
				Spruce & poplar bush
				0-0.5 organics -> muskeg.
				0.5-5.1 Clay
				0.5-2.4 - beige to grey beige - hard, smooth
				2.4-4.0 - grey - soft, smooth
				4.0-5.1 - accompanied by silt - grey beige.
				5.1-10.1 Till - gritty clay matrix - grey - lots of fine sand - grey beige
				5.1-6.1 - pebbly - 70-75% V/S, 15-20% Gr, 5-10% Lime
				6.1-8.3 cobbly - 50-60% V/S, 25-30% Gr, 10-15% Lime
				8.3-9.0 - more gritty clay - pebbly - 75-80% V/S, 15-20% Gr, 5-10% Lime
			01	9.0-10.1 - cobbly - 60-65% V/S, 30-35% Gr, 5-10% Lime
			02	10.1-14.0 - fine sand matrix - grey-beige - very compact - cobbly - 90-95% V/S, 5-10% Lime, 0.5% Gr
	E.O.H			(12.2-12.8 Boulder -> granitic)
				14.0-16.8 - Bedrock - grey-green - very fine grain - pyrite streaks associated with quartz veins - shistose. - intermediate mafic volcanic.

T.2510

1979: Texasgulf drilled eleven overburden holes on the old Hollinger property south of the property. The overburden averaged about 27m., No analyses were submitted.

1982: St. Joe Canada Inc. completed magnetometer, IP and Max-Min geophysical surveys over the property and to the east and west drilled several overburden holes and diamond drill holes. (File T-2510).

GEOLOGY OF THE PROPERTY

The property lies on the centre of an east trending syncline. Locally Faults trend to the north west and diabase dykes trend to the north.

During the mapping of the property no outcrop areas were located. In the south area of the patent however a glacial rock float of approximately 2 tons was located. The rock was assessed as an intermediate volcanic (andesite) fine grained with quartz stringers. The location is indicated on the map enclosed.

The only real evidence we have of the bedrock geology is from overburden drilling by St. Joe Canada in 1982. (File T-2510). Overburden hole Al 82-14 was drilled on the property and encountered altered grey-wacke. AL 82-15 was drilled just off the property to the west and encountered intermediate mafic volcanics. Both of these overburden logs are included in this report and hole locations are plotted on the geological map.

A geophysical interpretation of the bedrock geology was done by Terraquest Ltd. in Feb. 88 (File T-3063) from magnetic and electromagnetic data obtained from a Airborne Mag and VLF-EM survey. Considerable displacement is evidenced and several NE trending faults were interpreted. The rock units are interpreted as grey-wacke and metavolcanic intercalations. The Terraquest Report exerpt and Interpretation Map are included with this report.

CONCLUSION

The property does not have any outcrop exposure. Metasedimentary rocks with intercalated metavolcanics underlay the property area. Considerable faulting and displacement is evident. Quartz veining and fine pyrite were encountered in the overburden drilling. Weak electomagnetic conduction is evident which may be associated with stratigraphic or structural origins. The property covers a favorable geological environment for hosting gold mineralization.

RECOMMENDATIONS

Since the Salo Matheson Township property is extensively covered by overburden and it is near the Destor-Porcupine structure with Komatiite rocks known on strike then more geophysical work is warranted.

1. Complete detailed magnetometer surveys to expand the known data.

2. Turam type electromagnetic surveys.

3. Follow with induced polarization surveys specifically on the ends of conductive zones from the Turam surveys.

4. Drill all significant anomalies.

Respectfully submitted,

C.G. CHERITON P.Eng. Ontario

Dated at Kirkland Lake this 30th day of June 1990.

CERTIFICATION

This is to certify that:

1. I C.G. CHERITON am a registered professional engineer, certified in the province of Ontario.

2. I am temporarily resident at the Parker Motel, P.O. Box 353, Kirkland Lake, Ontario P2N 3J1.

3. I hold a Ph.D. in Economic Geology from Harvard University 1953 and have had considerable experience for 40 years in mineral exploration in New Brunswick, Pine Point, & Yellowknife N.W.T., Arizona and Sonora, Mexico as well as the Kirkland Lake district.

4. I have inspected the property on June 30th, 1990 and confirm the data as presented in this report.

5. I do not have, and nor do I expect to receive any interest or equities in the Salo-Matheson Township property.

C.G. CHERITON Ph.D.

REFERENCES

Timmins - Kirkland Lake Geological Compilation Map
Scale 1:253,440

OGS Preliminary Geological Map - P-2089 Scale 1:15,840

1965 Jayco Mines Ltd. EM and Mag Surveys File T-1180

1963,64,65,66 Hollinger Mines Ltd. EM and Diamond Drilling File T-971

1964 G.Lonn EM and Mag Surveys File T-1157

1965 Keevil Mining Group Mag and EM Surveys File T-965

1952-1964 Dominion Gulf Company Airborne Mag - Ground EM and Mag Surveys File T-530

1982 St. Joe Canada, EM and Mag Surveys, Overburden drilling and Diamond Drilling File T-2510

1988 Terraquest ltd. - Airborne VLF-EM and Mag Surveys for A. Salo File T-3063

EVELYN TOWNSHIP

MATHESON TOWNSHIP

MATHESON EVELYN TOWNSHIP BOUNDARY LINE

SPRUCE
TAG ALDERS
P-959101
POPLAR - BALSAM
TAG ALDERS
MUSKEG

P-959050
SPRUCE
TAG ALDERS
MUSKEG

CONC I

MATHESON EVELYN TOWNSHIP BOUNDARY LINE

VERY LOW AREA OPEN
BEAVER POND
HIGHER GROUND
POPLAR BALSAM

CLEARING
TRAIL
POPLAR BALSAM
P-997231
SPRUCE BALSAM MUSKEG
15
14

LOW GROUND
SPRUCE
TAG ALDER BALSAM
CLEARING
HIGHER GROUND
P

P-997415
TAG ALDERS
MUSKEG
BEAVER POND
CONC. 6

SPRUCE POPLAR
P-997232
BALSAM
MUSKEG

SPRUCE
TAG ALDERS
POPLAR BALSAM

P-997416
SPRUCE BALSAM
MUSKEG
GRASSY SWAMPY
TAG ALDERS
MATHESON CREEK

LOT 8
TO ICE CHEST DUMP ROAD VIA
LOT 7
TO PORCUPINE RIVER

SALO
MATHESON PROPERTY

NTS - 42A 11

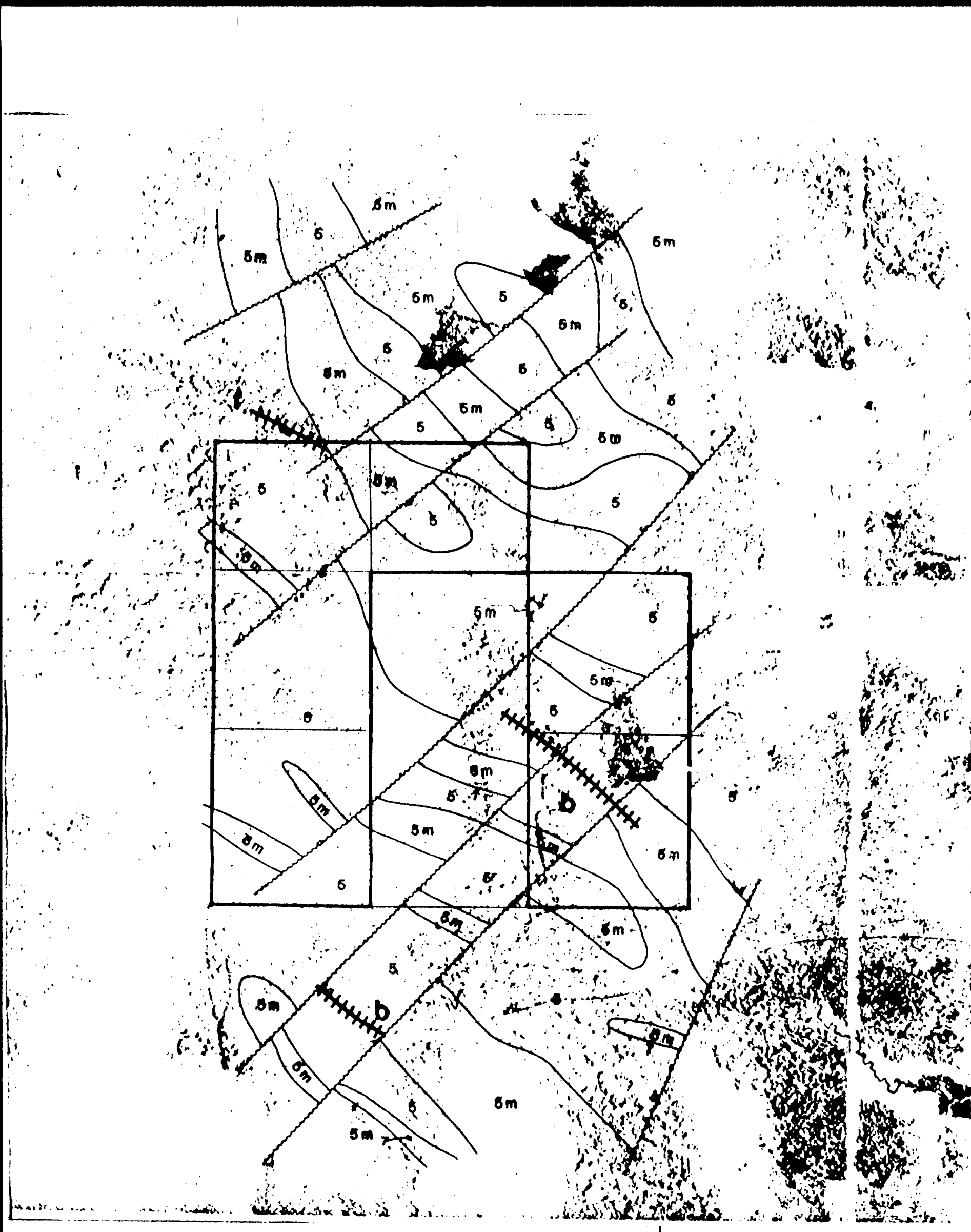
GEOLOGICAL SURVEY
SCALE 1-5000

LEGEND

- CLAIM POST LOCATED
- CLAIM POST NOT LOCATED
- DIRECTION OF TRAVERSE
- SWAMP
- --- LIMITS OF LOW WET AREA OR CLEARING
- BUILDING
- PATENT LAND SURFACE + MINERAL RIGHTS
- • OVERBURDEN DRILL HOLE
- X GLACIAL ROCK FLOAT
- =:= BUSH ROAD 4X4

REGISTERED PROFESSIONAL ENGINEER
C. G. CHERITON
PROVINCE OF ONTARIO

2.13427



LITHOLOGY

- 5m — Magnetic Unit Within 5
- 5 — Greywacke

VLF Transmitter
NAA Cutler, 24.0 kHz
Azimuth 108

LEGEND

Terrain Clearance 100 meters
Line Spacing 100 meters

INTERPRETATION

- Contact
- Fault
- Property Boundary

VLF-EM Conductor Axes

- normal quadrature
- reverse quadrature
- total field only

See text for classification of VLF-EM conductor axes

MR. A. J. SALO

INTERPRETATION

MATHESON, EVELYN TOWNSHIPS
ONTARIO

N.T.S. NO	42A/11	DRAWING NO	A-739.3-4
SCALE	1:10,000	DATE	February 1988

TERRAQUEST LTD.
TORONTO CANADA

Ministry of Northern Development and Mines
Ontario

2.13427

DOCUMENT No. W 9006.60408

42A11NE0401 2.13427 EVELYN

900

Mini[illegible]ct

Report of Work
(Geophysical, Geological and Geochemical Surveys)

Mining Lands Section, Mineral Development and Lands Branch

Type of Survey(s): GEOLOGICAL

Mining Division: TIMISKAMING

Township or Area: MATHESON - EVELYN TWPS

Recorded Holder(s): ARVO J. SALO 2.13427.

Prospector's Licence No.: A-46680

Address: BOX 303 VIRGINIATOWN. ONT

Telephone No.: 634-2613

Survey Company: C. G. CHERITON.

Name and Address of Author (of Geo-Technical report): BOX 353, KIRKLAND LAKE. ONT.

Date of Survey (from & to): From 5 6 90 To 30 6 90 (Day | Mo | Yr)

Credits Requested per Each Claim in Columns at right

Special Provisions		Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	Geophysical - Electromagnetic	
	Geophysical - Magnetometer	
For each additional survey: using the same grid: Enter 20 days (for each)	Geophysical - Other	
	Geological	20
	Geochemical	
Man Days Complete reverse side and enter total(s) here	Geophysical - Electromagnetic	Days per Claim
	Geophysical - Magnetometer	
	Geophysical - Other	
	Geological	
	Geochemical	
Airborne Credits Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	Days per Claim
	Magnetometer	
	Other	
Total miles flown over claim(s).		

Date: 6-30-90 Recorded Holder or Agent (Signature):

Mining Claims Traversed (List in numerical sequence)

Mining Claim Prefix	Mining Claim Number	Mining Claim Prefix	Mining Claim Number	Mining Claim Prefix	Mining Claim Number
P	997415 (m)				
P	997416 (m)				
P	997231 (m)				
P	997232 (m)				
P	~~997650~~ (c)		959050		AMENDMENT
P	~~997401~~ (c)		959101		ATTACHED.

RECORDED
JUL - 4 1990

RECEIVED
JUL 06 1990
MINING LANDS SECTION

Total number of mining claims covered by this report of work: 6

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in this Report of Work, having performed the work or witnessed same during and/or after its completion and annexed report is true.

Name and Address of Person Certifying: C. G. CHERITON BOX 353 KIRKLAND LAKE ONT

Telephone No.: 567-9246

Date: 6-30-90

Certified By (Signature): C. G. Cheriton P.Eng ONT.

For Office Use Only

Total Days Cr. Recorded: 120

Date Recorded: JULY 4TH/90

Mining Recorder: S. White Mining Recorder

Date Approved as Recorded: 20 July 90

Provincial Manager, Mining Lands: [signature]

Received Stamp: RECEIVED JUL 4 1990 @ 12:50 pm

2.13427

ONTARIO GEOLOGICAL SURVEY ASSESSMENT FILES OFFICE
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MAP SYMBOLOGY

Aerial Cableway; Boundary (International, Interprovincial, District, Township, Indian Reserve, Approximate, Lot, Concession, Approximate, Park Boundary); Bridge; Road, Railroad; Building; Chimney; Cliff, Pit, Pile; Contours (Interpolated, Approximate, Depression); Control Points (Horizontal, Vertical); Culvert; Falls; Fence, Hedge, Wall; Feature Outline; Flooded Land; Lock; Marsh or Swamp; Mast; Mine Head Frame; Outcrop

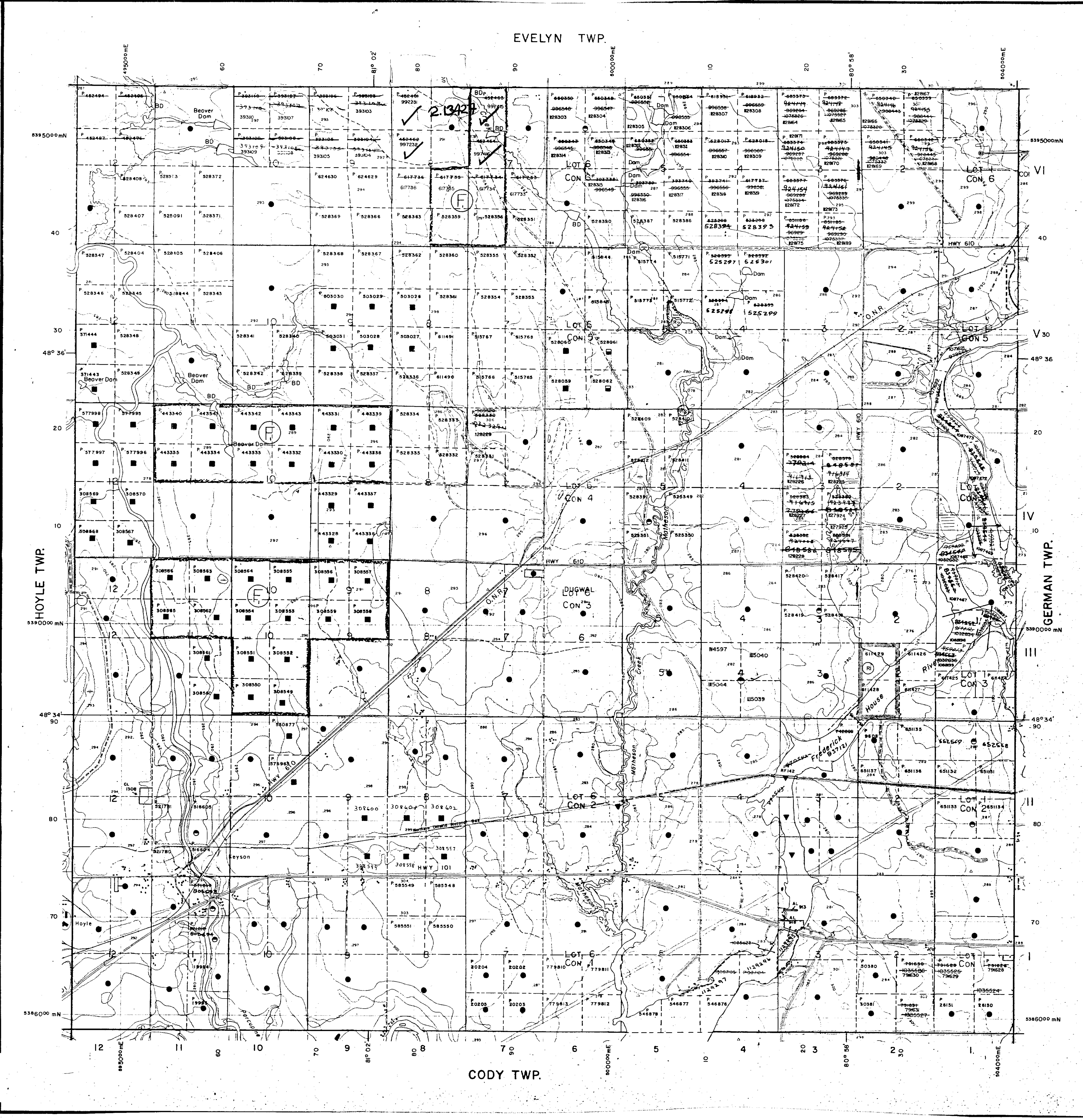
Pipeline (above ground); Railroad (Single Track, Double Track, Abandoned, Turntable); Road (Highway, County, Township); Access road; Trail, Bush Road (portage, alley); Rapids; Reservoir; River, Stream, Canal; Rock; Shoal; Spot Elevation; Tower; Transmission Line (Poles, Pylons); Tunnel; Utility Poles; Wharf, Dock, Pier; Wooded Area

AREAS WITHDRAWN FROM DISPOSITION

M.R.O. – MINING RIGHTS ONLY
S.R.O. – SURFACE RIGHTS ONLY
M.+S. – MINING AND SURFACE RIGHTS

Description	Order No.	Date	Disposition	File

42A11NE0481 2.13427 EVELYN 200



LEGEND

HIGHWAY AND ROUTE No.; OTHER ROADS; TRAILS; SURVEYED LINES: TOWNSHIPS, BASE LINES, ETC.; LOTS, MINING CLAIMS, PARCELS, ETC.; UNSURVEYED LINES: LOT LINES; PARCEL BOUNDARY; MINING CLAIMS ETC.; RAILWAY AND RIGHT OF WAY; UTILITY LINES; NON-PERENNIAL STREAM; FLOODING OR FLOODING RIGHTS; SUBDIVISION OR COMPOSITE PLAN; RESERVATIONS; ORIGINAL SHORELINE; MARSH OR MUSKEG; MINES; TRAVERSE MONUMENT

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	●
" , SURFACE RIGHTS ONLY	◐
" , MINING RIGHTS ONLY	○
LEASE, SURFACE & MINING RIGHTS	■
" , SURFACE RIGHTS ONLY	◧
" , MINING RIGHTS ONLY	□
LICENCE OF OCCUPATION	▼
ORDER-IN-COUNCIL	OC
RESERVATION	⊛
CANCELLED	⊗
SAND & GRAVEL	⊙

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6, 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 380, SEC. 63, SUBSEC. 1.

SCALE 1:20 000
GRID ZONE 17

NOTES

FLOODING RIGHTS ON THE FREDERICK HOUSE RIVER TO 903' CONTOUR RESERVED TO H.E.P.C.

MINING AND SURFACE RIGHTS WITHDRAWN FROM (R1) PROSPECTING, STAKING, SALE OR LEASE, SECTION 36 THE MINING ACT RSO 1980

(R2) FLOODING RIGHTS RESERVED TO DUCKS UNLIMITED. (FILE #48906.00057) OCTOBER 31, 1988

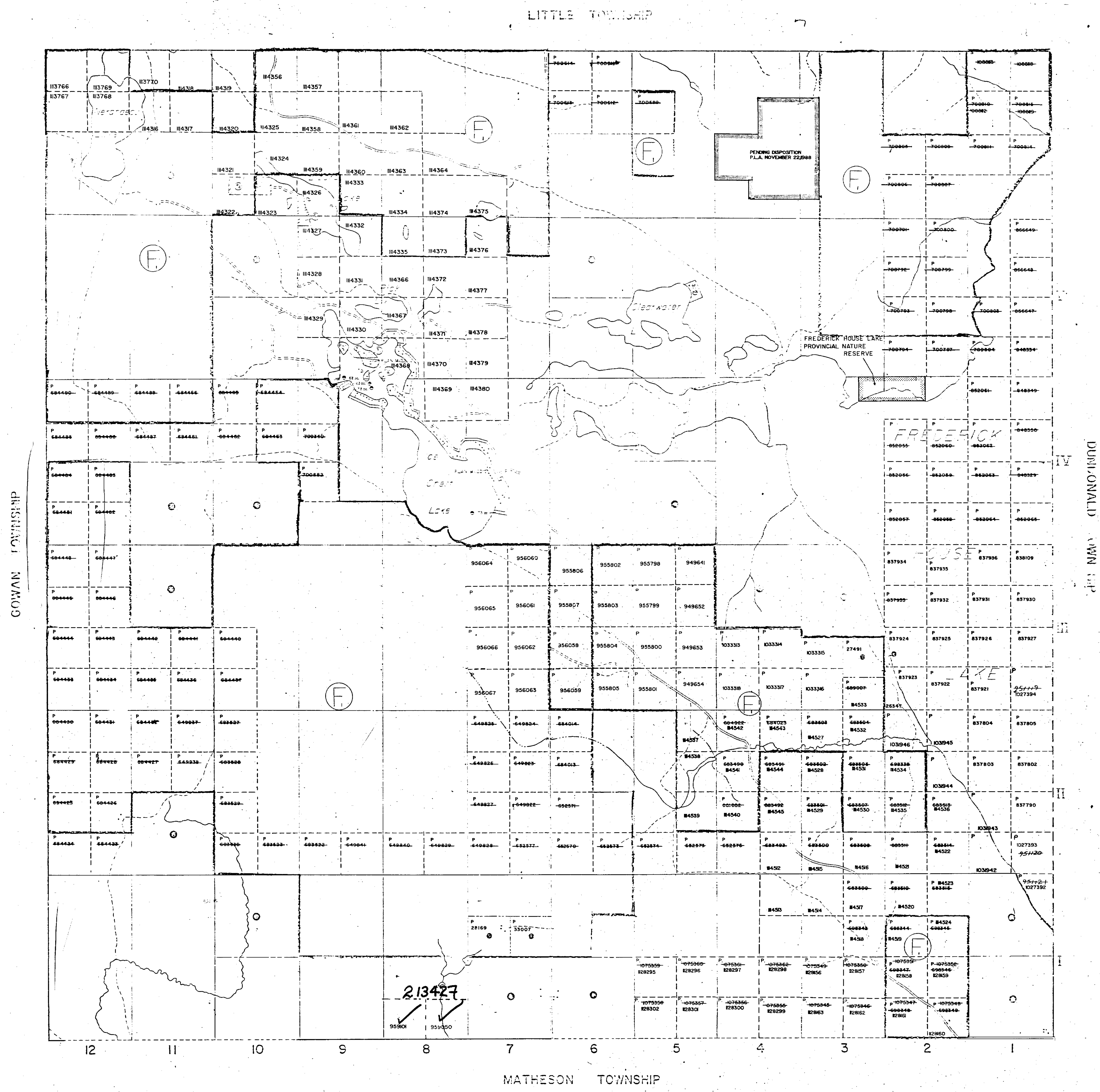
(F) THIS TWP. IS SUBJECT TO FOREST ACTIVITIES IN 1990. FURTHER INFORMATION AVAILABLE ON FILE.

RECEIVED FEB 22 1990

TOWNSHIP
MATHESON
M.N.R. ADMINISTRATIVE DISTRICT
TIMMINS
MINING DIVISION
PORCUPINE
LAND TITLES / REGISTRY DIVISION
COCHRANE

Ontario — Ministry of Natural Resources — Land Management Branch

ORIGINAL COMPILATION JULY 1984 — Number G-3982
REVISED



SCALE 1:20 000

NOTES

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TOWNSHIP

EVELYN

M.N.R. ADMINISTRATIVE DISTRICT

TIMMINS

MINING DIVISION

PORCUPINE

LAND TITLES / REGISTRY DIVISION

COCHRANE

Ministry of Natural Resources

Ministry of Northern Development and Mines

Ontario

DATE OCTOBER, 1955

Checked Nov. 27/86

G-3910

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