42A01SE2014 2.23912 EBY 010

2.23912

PLINKY PROPERTY

WEST GROUP
EBY TOWNSHIP
NTS 42 A/1
80°10′W 48°04′N

Prepared By: Eric Marion

RECEIVED
JUL 19 2002
GEOSCIENCE ASSESSMENT
OFFICE

DAYS WORKED

DRILLING + RELATED

JUNE 17, 2002 - 10 h
JUNE 18, 2002 - 9 h
JUNE 19, 2002 - 10 h
JUNE 20, 2002 - 9 h
JUNE 21, 2002 - 10 h
JUNE 22, 2002 - 9½ h
JUNE 23, 2002 - 8 h
JUNE 24, 2002 - 10½ h
JUNE 25, 2002 - 2 h
JUNE 26, 2002 - 10 h
JUNE 28, 2002 - 10½ h
JUNE 29, 2002 - 8 h

July 18/2002

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Days Worked....i

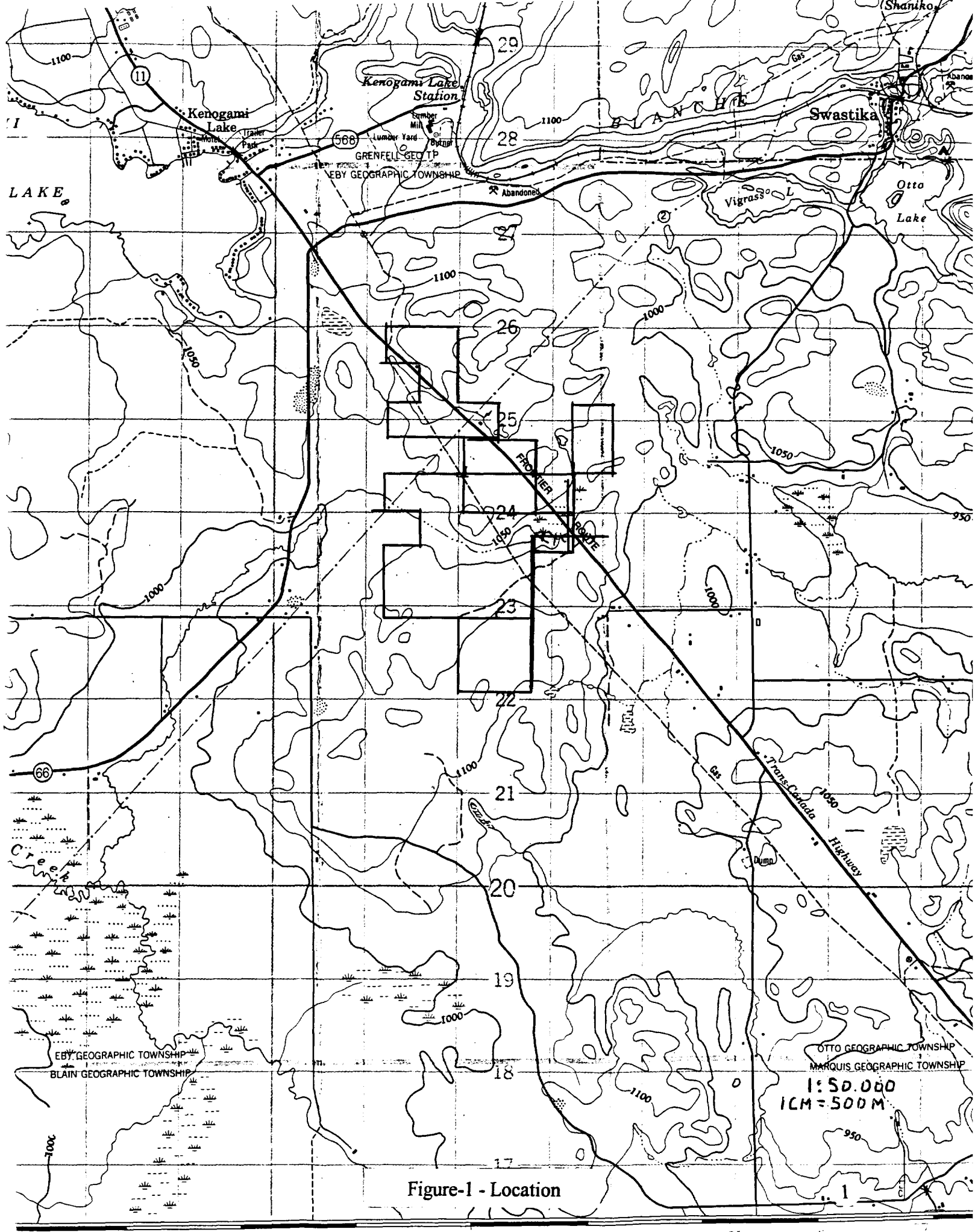
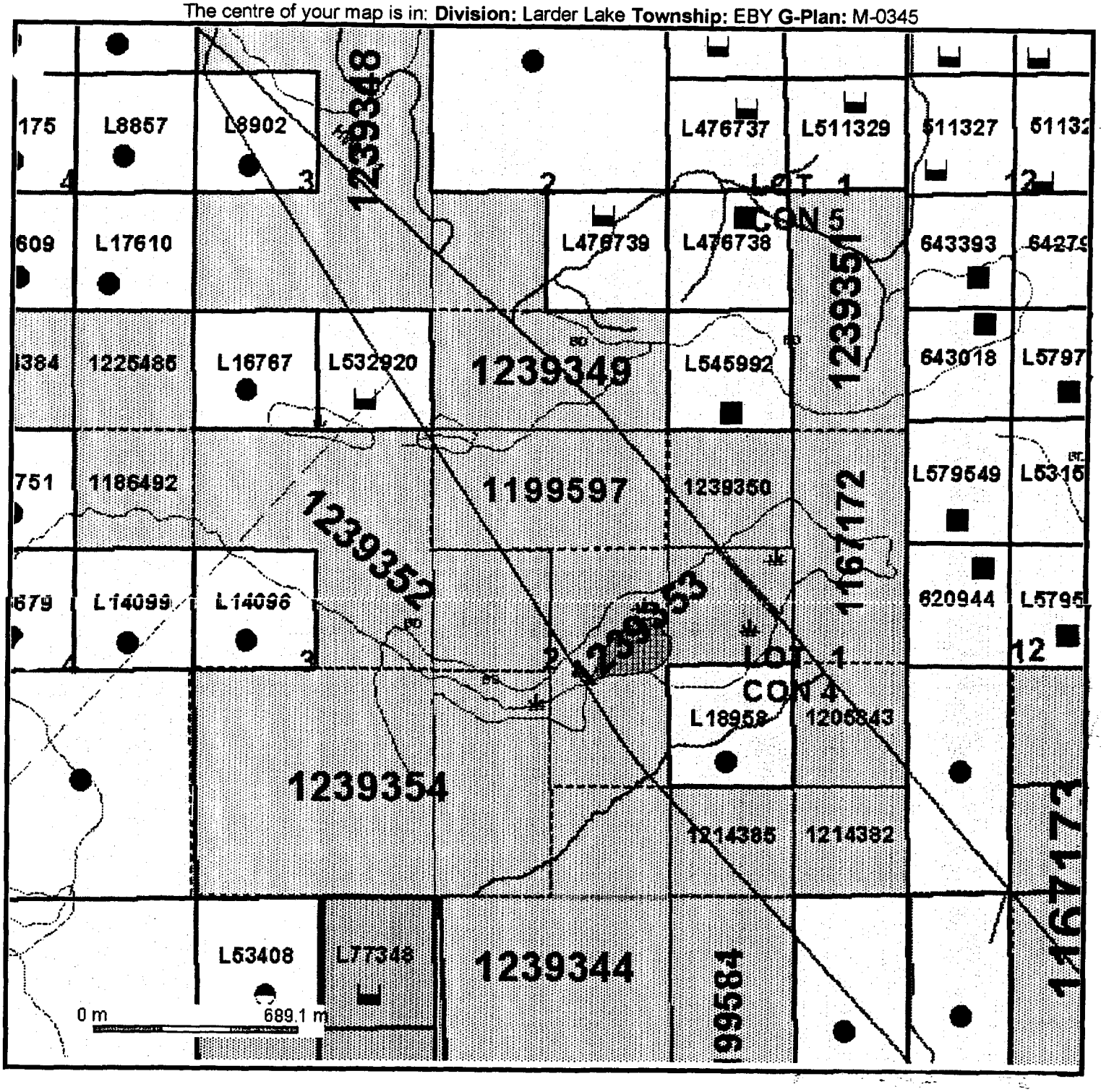


Figure-1 - Location



Current To : MARCH 17,2002

Figure-2 Claim Map

PROPERTY LOCATION

The property is located in the Larder Lake mining division approximately 12 kilometers south-west of Kirkland Lake. The claim group sits midway in the eastern end of the township, and abutts to the N/S Eby-Otto Twp. line in Eby Township. This area is in the Kirkland Lake Geologist District and can be found on NTS-42 A/1 with the geographic center being at approximately 80°10'W and 48°04'N.

ACCESS

Heading south on Hwy.#11 from the intersection of Hwy.#66 and the trans-Canada Hwy.#11 at Kenogami for 4 kilometers will bring you to the approximate geographic center of the group. The many small hunting roads hydro transmission lines and gas pipelines give improved access to many areas.

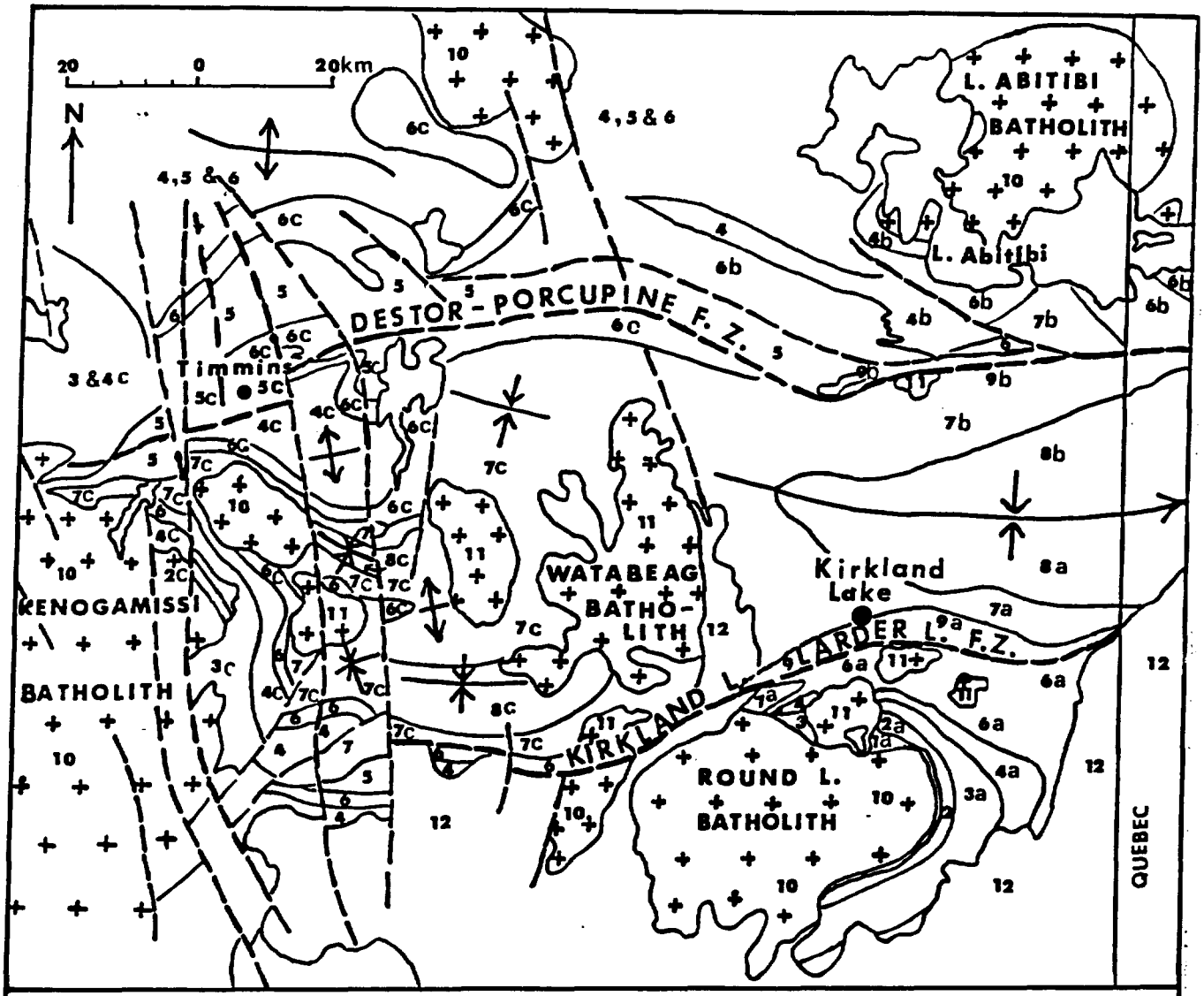
CLAIMS

This property consists of eight contiguous staked mining claim blocks totalling 29 claim units recorded on Plan M-345 of Eby Township, which is a subdivided township. The claims and descriptions are as follows:

CL#1239344— Lot 2, Con.3 N1/2. + Lot 2, Con.4 S1/2-SE1/4
CL#1239348— Lot 3, Con.5 N1/2{no SW1/4} + Lot 3,Con.5 N1/2 of S1/2
+ Lot 2, Con.5 S1/2-NW1/4
CL#1239349— Lot 2, Con.5 S1/2 of S1/2
CL#1239350— Lot 1, Con.4 N1/2-NW1/4
CL#1239351— Lot 1, Con.5 E1/2 of S1/2
CL#1239352— Lot 3, Con.4 N1/2(no SW1/4) + Lot 2, Con.4 N1/2-SW1/4
CL#1239353— Lot 1, Con.4 N1/2-SW1/4 + Lot 2, Con.4 N1/2-SE1/4
+ Lot 2, Con.4 S1/2-NE1/4
CL#1239354— Lot 3, Con.4 S1/2 + Lot 2, Con.4 W1/2 of S1/2

GENERAL GEOLOGY

This area lies within the Abitibi Greenstone Belt , a region of predominantly volcanic rocks and related interflow sediments at the south-central region of the Superior Province. Several eras of intrusion and deformation have affected most of the lithologies present. Major structural deformation zones, (locally the Larder-Cadillac Deformation Zone), parallel each other east to west across the belt and seem to have acted as a control over gold deposition. The Abitibi Belt is host to many large gold (and base metal) deposits on both the Ontario and Quebec sides of the border along these structural trends, and has an exploration history going back well into the 1800's. A band of altered mainly fluvial sediments, folded and upturned to a near vertical position, coincide with the main trend of this structure less than eight hundred meters to the north of the claim group. The Round Lake Batholith, a large Archaen aged granitic intrusive occurs about 2.5 kilometers to the south.



LEGEND

Proterozoic

Keeweenawan diabase (not shown)

12 Cobalt Group

Archean

Matachewan diabase (not shown)

Granitic rocks

11 Granodiorite, monzonite, quartz monzonite, syenite

10 Massive to gneissic quartz diorite, tonalite, trondhjemite

Upper Supergroup

9 9a* Timiskaming Group, 9b** Destor-Porcupine Complex

8 8a, 8n, Blake River Group, 8c*** Blake River (Upper Fm., Tisdale Group)

7 7a, 7b, Kinojevis Group, 7c Kinojevis Group, (Middle Fm., Tisdale Group)

6 6a Larder Lake Group, 6b Stoughton Roquemaure Group, 6c Lower Fm., Tisdale Group

5 5c Porcupine Group

Lower Supergroups

4 4a Skead Group, 4b Hunter Mine Group, 4c Upper Fm., Deloro Group

3 3a Catherine Group, 3c Middle Fm., Deloro Group

2 2a Wabewawa Group, 2c Lower Fm. Deloro Group

1 1a Pacaud tuffs****

*a refers to Kirkland Lake Area, south limb of synclinorium (Jensen 1978c, 1979).
**b refers to Kirkland Lake Area, north limb of synclinorium (Jensen 1976, 1978b).
***c refers to Timmins Area (Pyke, 1980).
**** (Goodwin, 1965).

Figure-3 - General Geology

CLAIM GEOLOGY

The claim group lies along the northwestern contact of the Otto Stock, a syenitic intrusive complex which displays some large scale zoning features. The stock is almost circular with a diameter of about 12 kilometers. The majority of the rock north of the stock would be mafic to intermediate tholeiitic volcanic and interflow sediments with lesser komatiitic flows, previously mapped as Skead Group volcanics. A band of felsic tuffs and agglomerates with some inter-layered chemical sediments and iron formation parallel the contact of the stock and cut across the claim group in an arc .On the southern end of the claims,#3 post region of CL# 1239344, in an old drill hole, an un-sampled 90 meter wide band of amphibolite gneiss (+some altered gabbro) well mineralized with magnetite, pyrrhotite and odd chalcopyrite is logged as occurring between the sediments and the stock. Recent work by the O.G.S and the resident geologist's office, 1700 meters to the north-east of this hole along Hwy. 11, has documented anomalous gold, platinum, palladium and copper values in an amphibolite rock that may be the north-eastern extension of the zone intersected in the drill hole. This feature does not outcrop in the region of the drill hole or along strike on the claims. The western end of the claims(most of CL#1239354) cover a previously mapped gabbroic intrusive which exhibits layering or zoning of fine and coarser grained phases. Some epidote associated with quartz veins and some minor pyrites were noted on an outcrop at what would be the northern end of this unit

Several faults which parallel the Larder-Cadillac Deformation Zone cross the claim group. A fault at the north end of the group has been defined as a splay of the LCDZ, and locally displays deformation, quartz veining and intense carbonate alteration. Flow tops and pillow facings in the area generally face to the northwest on the claim group. Many small syenitic bodies outcrop in the area, some with considerable pyrite mineralization. An interesting area of exposed quartz-chert pebble conglomerate of the Skead Group lies about 200 meters north-west of the #2 post of CL# 1239354. Generally, much chloritization, carbonitization, sulfidization and quartz veining occurs on the claim group.Historic records note gold values on different parts of the area, but field work by the author has failed to positively locate these workings and duplicate the previous assays. Most "pit"-like workings encountered in the general areas of where early prior workings should be were slumped and filled to the point of not being samplable without complete re-digging,(possible next program ?)

PREVIOUS WORK

Core drilling, geophysical surveys, trenching, mapping ,sampling and geological studies have been conducted in the search for gold.There is quite a sizable sum of exploration activity submitted as assessment work for the area surrounding these claims; also a fair amount of prospecting has been done on these claims and indeed there are ongoing programs on contiguous claim areas, but a comprehensive compilation and correlation of this information is beyond the scope and intent of this report. With the exception of the most recent prior claim holders whom defined new features, most of the earlier reported programs were concentrated on previously defined target areas and neglected the intervening areas where poor outcrop exposure hampered prospecting. An extensive study of the available data was undertaken by the author and no doubt will serve as an irreplaceable guide and basis for further exploration in the area.

No.	Date	Property/Prospector Name	Type of Exploration	Significant Results
(1)	1930-48	Todora Kirkland/ Macassa	geol., 11 ddhs, 121 ft. shaft	Cpy, Mo, Au in qtz., up to 13.39% Cu
(2)	1938	A. Johnson	3 pits	up to 0.1 to 0.3 oz. Au/ton
(3)	1945	Sylvanite	trenches	trace to 0.023 oz. Au/ton
(4)	1955-57	Mr. Ahola	2 shafts, trenches, 1 ddh	up to 0.2 oz. Au/ton in tuff and qtz. veins
(5)	1965-69	M. Fishkin	3 ddhs	cpy + abund. py, cpy in south hole
(6)	1965-66	Keevil	geol., mag, EM, 3 ddhs	8 conductors, iron fm with 15%-80% sulphides 0.005 oz. Au/ton in sludge
(7)	1978-80	P. Harrington	5 ddhs	-
(8)	1980	KLIP	1 OVB hole	3,200 ppb Au in basal till
(9)	1980	Noranda	mag and EM, 1 ddh	3 short, strong conductors, up to 0.016 oz. Au/ton over 1 m
(10)	1980-84	J. Reed	geol., mag, EM, 3 ddhs	0.005 oz. Au/ton in grab, up to 0.01 oz. Au/ton over 1.5 m in core
(11)	1984-86	F. Rivard	trenching, 2 ddhs	up to 0.04 oz. Au/ton in grabs
(12)	1971	T GUTARIE	TRENCHING	UP TO 0.180Z IN GRABS 1.8% ZN IN GRABS
(13)	1944	A LUMSDEN	SHAFT 40'	SHAFT IN RED PORP. DYKE PINK QZ VEIN AT BOTTOM

LEGEND

PROTEROZOIC

ALKALIC INTRUSIVE ROCKS

7 — *7a Coarse-grained syenite, syenite porphyry, pegmatite. 7b Mafic syenite, syenite contaminated by country rocks. 7c Medium-grained syenite, sanidedikes.*

INTRUSIVE CONTACT

ARCHEAN

MAFIC INTRUSIVE ROCKS (MATACHEWAN OR NIPISSING)

6 — *6 Diabase.*

INTRUSIVE CONTACT

FELSIC INTRUSIVE ROCKS (ALGOMAN)

5 — *5a Granite, porphyritic granite, granodiorite. 5b Granosantic gneiss. 5c Syenite and trachyte. 5d Mafic syenite and mafic trachyte.*

INTRUSIVE CONTACT

EARLY MAFIC AND ULTRAMAFIC ROCKS (HAILEYBURIAN, EARLY ALGOMAN, AND KEEWATIN)

4 — *4a Serpentinite, peridotite. 4b Gabbro, diorite.*

INTRUSIVE CONTACT

METASEDIMENTS (TIMISKAMING AND KEEWATIN)

3 — *3a Conglomerate. 3b Quartzite, greywacke. 3c Tuff, agglomerate, minor amounts of trachyte agglomerate, breccia.*

UNCONFORMITY AND INTERBEDDING

FELSIC METAVOLCANICS (KEEWATIN)

2 — *2a Rhyolite, dacite. 2b Iron formation, silicic tuff, agglomerate. 2c Dacite porphyry, amygdaloidal and spherulitic dacite.*

MAFIC METAVOLCANICS AND METASEDIMENTS

1 — *1 Undivided mafic volcanics. 1a Basalt, andesite. 1b Chlorite mafic tuff, agglomerate. 1c Altered (bleached, carbonatized) volcanic and sedimentary rocks. 1d Amphibolite, garnet-epidote amphibolite, amphibolite gneiss. 1e Andesite porphyry, amygdaloidal and spherulitic dacite. 1g Biotite-garnet-pyroxene amphibolite.*

SYMBOLS

- *Glacial striae.*
- *Area of bedrock outcrop.*
- *Bedding, top unknown: (inclined, vertical).*
- *Lava flow: top (arrow) from pillows shape and packing.*
- *Schistosity: (horizontal, inclined, vertical).*
- *Gneissosity, (horizontal, inclined, vertical).*
- *Geological boundary, observed.*
- *Geological boundary, position interpreted.*
- *Fault: (observed, assumed). Sawt indicates down throw side, arrows indicate horizontal movement.*
- *Lineament.*
- *Drag folds with plunge.*
- *Anticline, syncline, with plunge.*
- *Drill hole: (vertical, inclined).*
- *Vein, vein network. Width in inches.*
- *Shaft: depth in feet.*
- *Major road. Provincial highway number encircled where applicable.*
- *Other road.*
- *Trail, portage or winter road.*
- *Building.*

0 1/4 1/2 Mile

0 500 Metres

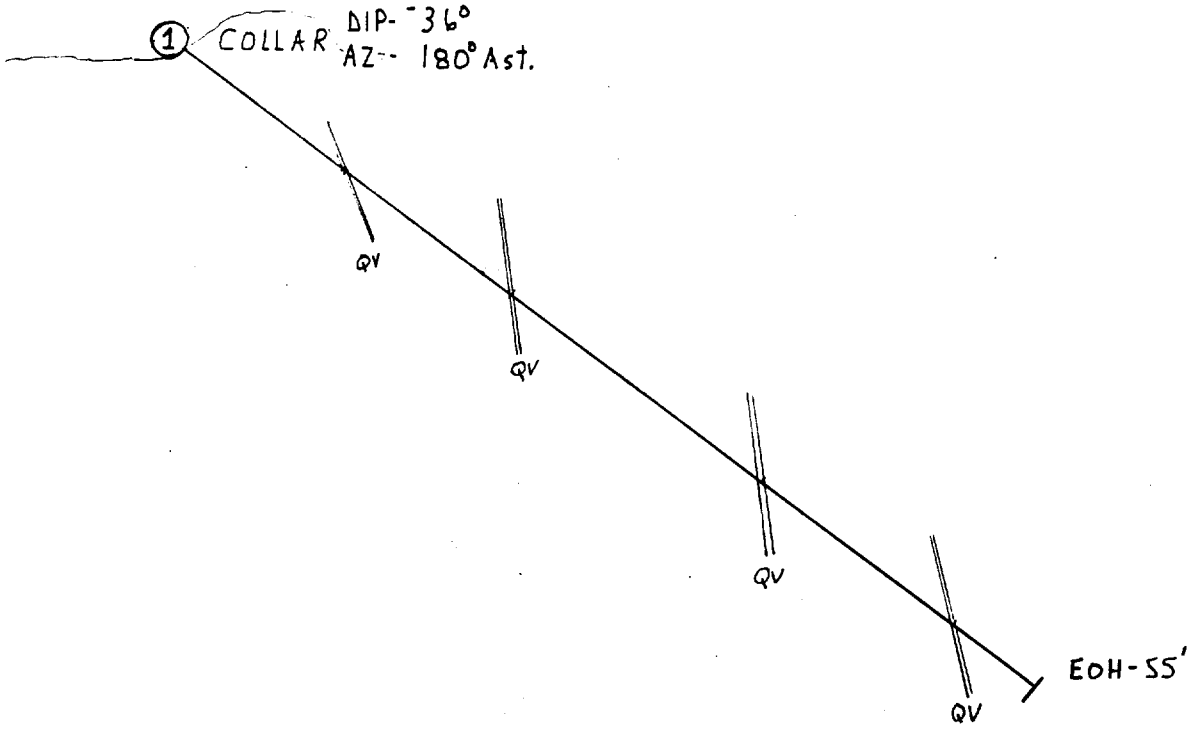
1 inch = 1/4 mile

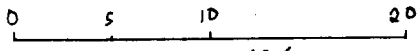
FIGURE 4

PROPERTY GEOLOGY AND EXPLORATION

(After OGS Map 2239)

DRILL HOLE SECTION - FACING EAST
EDH-1





1 INCH = 10'
1 : 120
QV - QUARTZ VEIN

Figure-5 -Drill Section

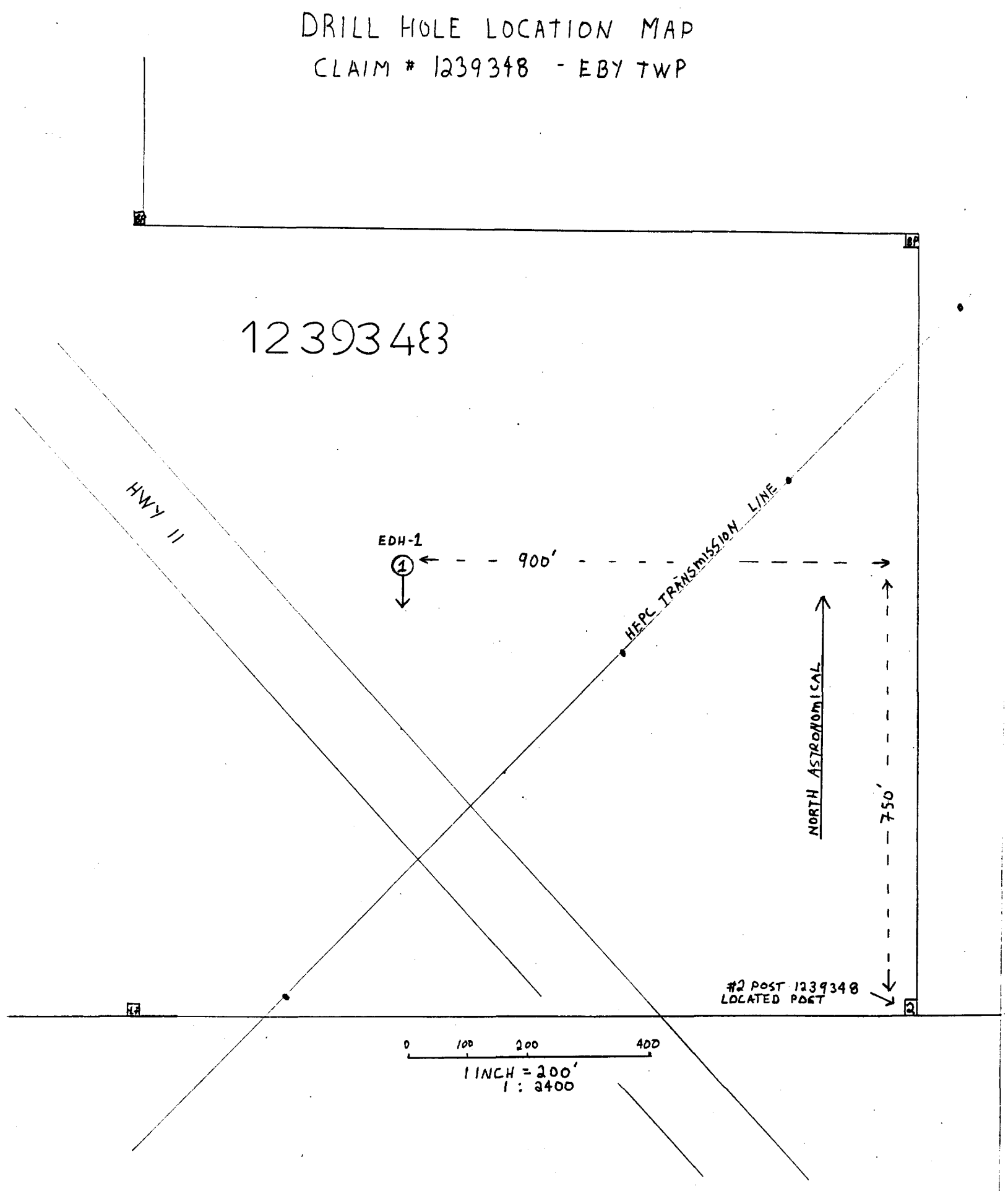


Figure-6- Drill Hole Location

PRESENT WORK

During the month of June, a core hole was drilled on CL# 1239348 to sample an area of intense carbonate alteration with many cross-cutting quartz veins . This hole was done using an old "Pack Sack" type diamond drill. The hole went to a completion depth of 55 feet.

RESULTS \ CONCLUSIONS

The rock cored in this hole is all of the same altered lithology. Very little visible pyrite mineralization was noted throughout. The heavy carbonate alteration, fracturing and quartz-calcite stockwork would tend to indicate proximity to a hydrothermal source ,possibly fault controlled. Further work to define sulphide mineralization should be done as gold values are likely associated with pyritic areas in this environment.

Ministry of Northern Development and Mines / Ministère du Développement du Nord et des Mines — Ontario

Diamond Drilling Log / Journal de forage au diamant

Complete this form and related sketch in duplicate. / Remplir en deux exemplaires la présente formule et le croquis annexé

Fill in on every page / Remplir ces cases à chaque page

Hole No. / Forage n° : EDH-1 — Page No. / Page n° : 1

Drilling Company / Compagnie de forage: ERIC MARION	Collar Elevation / Élévation du collier	Bearing of hole from true North/Position du forage par rapport au nord vrai: 180° Az +	Total Footage / Avancement total du forage: 55'	Dip of Hole at / Inclinaison du forage au: Collar/collier -36°	Address/Location where core stored / Adresse/endroit où la carotte est stockée: 126 DUNCAN AVE KIRKLAND LAKE	Map Reference No. / N° de référence sur la carte: NTS 42A/1
Claim No. / N° de concession minière: 1239348						
Date Hole Started / Date de commencement du forage: JUNE 17/02	Date Completed / Date d'achèvement: JUNE 24/02	Date Logged / Date d'inscription au journal: JUNE 30/02	Logged by / Inscrit par: ERIC MARION	Ft./Pi		Location (Twp. Lot, Con. or Lat. and Long.) / Emplacement (canton, lot, concession, ou latitude et longitude): EBY TWP LOT 2, CONS, S½, NW¼
Exploration Co., Owner or Optionee / Compagnie d'exploration, propriétaire ou titulaire d'option: ERIC MARION		Date Submitted / Date de dépôt: JULY 18/02	Submitted by (Signature) / Déposé par (signature): [signature]	Ft./Pi		Property Name / Nom de la propriété: PLINKY PROPERTY

Footage/Avancement From/De	To/À	Rock Type / Type de roche	Description (Colour, grain size, texture, minerals, alteration, etc.) / Description (Couleur, granulométrie, texture, minéraux, transformation, etc.)	Planar Feature Angle*/Angle des caractéristiques planes	Core Specimen Footage †/Longueur en pieds des carottes prélevées	Your Sample No. / N° d'échantillon du prospecteur	Sample Footage/Niveau de prélèvement de l'échantillon (en pieds) From/De	To/À	Sample Length / Longueur de l'échantillon	Assays †/Analyses minéralurgiques
0	55	INTENSELY ALTERED MAFIC VOLCANIC?	HEAVILY CARBONITIZED, CREAMY GREY GREEN VARIED GRAINED ½mm TO 3 MM RELICT GRAIN SIZE, MAFIC VOLCANIC ROCK, DOZENS OF 3 TO 10 mm CROSS-CUTTING CALCITE AND QUARTZ VEINS AT VARIOUS ANGLES TO CORE DOMINANT SET AT 40° TO 50° TO CORE ANGLE, CORE SOFT WITH AVERAGE HARDNESS OF ± COPPER POINT.		SLUDGE	EDH1-1	0	15	15'	
					SLUDGE	EDH-1-2	15	30	15'	
					SLUDGE	EDH1-3	30	43	13'	
					SLUDGE	EDH1-4	43	55	12'	
			10½' - 11' - 6" QZ VEIN AT 30° TO CA							
			22½' - 9" QZ VEIN AT 95° TO CA							
			38'-38'8" - 8" QZ BRECCIA VEIN AT 95° TO CA							
			50' - 2" BANDED QZ VEIN AT 90° TO CA							
			8' - 6" FeCg RUSTED AREA, QUARTZY							
			23' - 9" FeCg " " "							
			38'8" 8" FeCg " " "							
	55'	EOH								

0204 (03/91)

*For features such as foliation, bedding, schistosity, measured from the long axis of the core.
*Exemples de caractéristiques : foliation, schistosité, stratification. L'angle est mesuré par rapport à l'axe longitudinal de la carotte.

† Additional credit available. See Assessment Work Regulation.
† Des crédits supplémentaires sont offerts. Consulter les règlements relatifs aux travaux d'évaluation.
Nota : Dans cette formule, lorsqu'il désigne des personnes, le masculin est utilisé au sens neutre.

Work Report Summary

Transaction No: W0280.01178 **Status:** APPROVED
Recording Date: 2002-JUL-18 **Work Done from:** 2002-JUN-17
Approval Date: 2002-AUG-08 **to:** 2002-JUN-30

Client(s):

164694 MARION, ERIC JOSEPH

Survey Type(s):

PDRILL

Work Report Details:

Claim#	Perform	Perform Approve	Applied	Applied Approve	Assign	Assign Approve	Reserve	Reserve Approve	Due Date
L 1239348	$2,538	$2,538	$2,400	$2,400	$0	0	$138	$138	2003-JUL-18
	$2,538	$2,538	$2,400	$2,400	$0	$0	$138	$138	

External Credits: $0

Reserve:

$138 Reserve of Work Report#: W0280.01178

$138 Total Remaining

Status of claim is based on information currently on record.

42A01SE2014 2.23912 EBY 900

Ministry of Northern Development and Mines

Ministère du Développement du Nord et des Mines

Ontario

GEOSCIENCE ASSESSMENT OFFICE
933 RAMSEY LAKE ROAD, 6th FLOOR
SUDBURY, ONTARIO
P3E 6B5

Tel: (888) 415-9845
Fax:(877) 670-1555

Date: 2002-SEP-17

ERIC JOSEPH MARION
126 DUNCAN AVENUE
KIRKLAND LAKE, ONTARIO
P2N 1Y5 CANADA

Submission Number: 2.23912
Transaction Number(s): W0280.01178

Dear Sir or Madam

Subject: Approval of Assessment Work

We have approved your Assessment Work Submission with the above noted Transaction Number(s). The attached Work Report Summary indicates the results of the approval.

At the discretion of the Ministry, the assessment work performed on the mining lands noted in this work report may be subject to inspection and/or investigation at any time.

If you have any question regarding this correspondence, please contact LUCILLE JEROME by email at lucille.jerome@ndm.gov.on.ca or by phone at (705) 670-5858.

Yours Sincerely,

Ron Gashinski
Senior Manager, Mining Lands Section

Cc: Resident Geologist

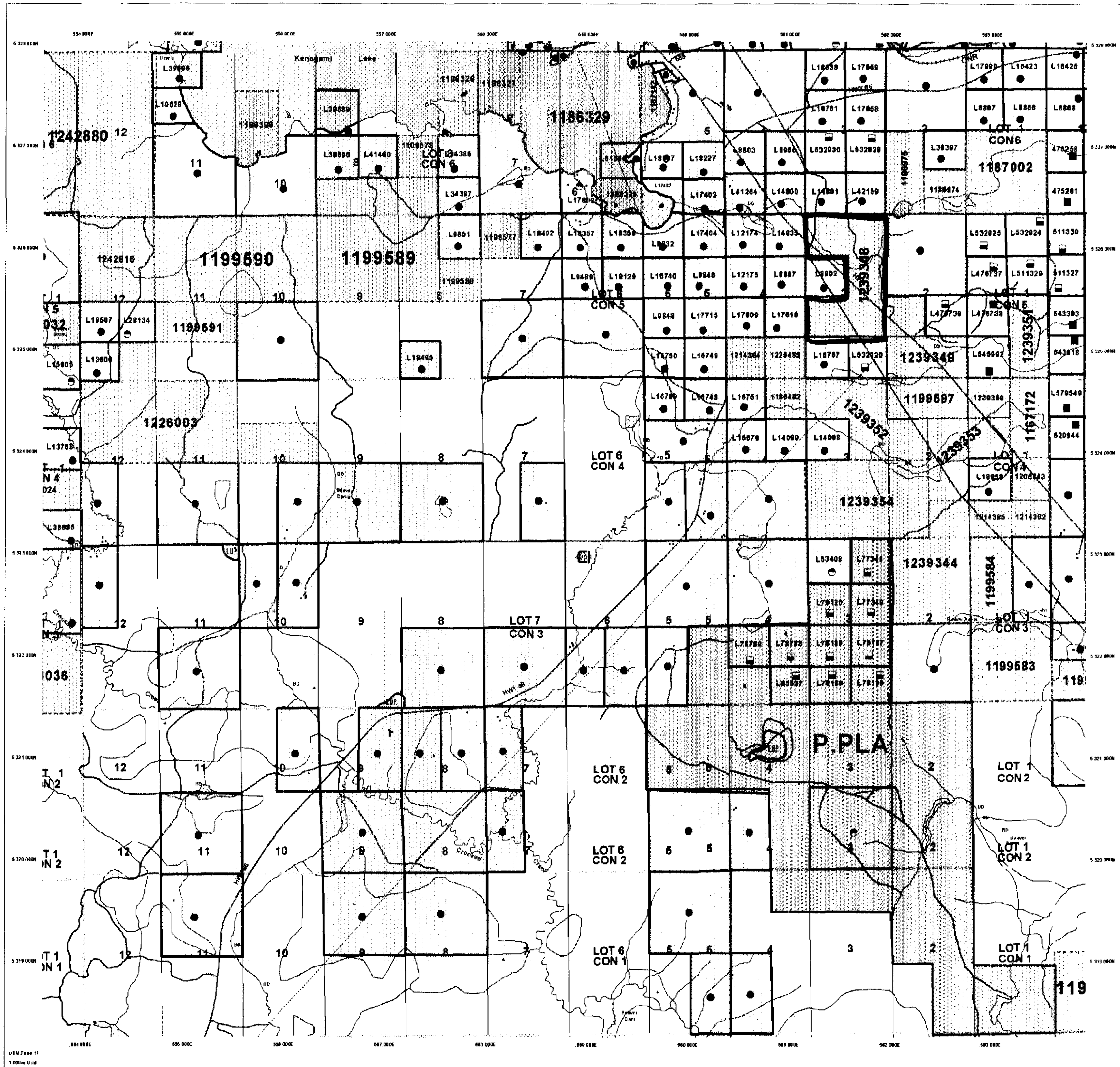
Eric Joseph Marion
(Claim Holder)

Assessment File Library

Eric Joseph Marion
(Assessment Office)

200

42A01SE2014 2.23912 EBY



General Information and Limitations

MINISTRY OF NORTHERN DEVELOPMENT AND MINES
PROVINCIAL MINING RECORDER'S OFFICE

MINING LAND TENURE MAP

Date / Time of Issue	Aug 7 2002		10:41h Eastern
TOWNSHIP / AREA			**PLAN**
EBY			**M-0345**

ADMINISTRATIVE DISTRICTS / DIVISIONS

Mining Division	Larder Lake
Land Titles/Registry Division	TIMISKAMING
Ministry of Natural Resources District	KIRKLAND LAKE

TOPOGRAPHIC

Administrative Boundaries
Township
Concession, Lot
Provincial Park
Indian Reserve
Cliff, Pit and Pile
Contour
Contour / Approx. Auxiliary Depression
Shaft
Mine Headframe
Railway
Road
Trail
Natural Gas Pipeline
Hydro Line
Communication Line
Wooded Area
Monument / Cadastral Horiz. Survey Horiz. Control

LAND TENURE

Freehold Patent
- Surface And Mining Rights
- Surface Rights Only
- Mining Rights Only

Leasehold Patent
- Surface And Mining Rights
- Surface Rights Only
- Mining Rights Only

Licence Of Occupation
- Use Not Specified
- Surface And Mining Rights
- Surface Rights Only
- Mining Rights Only

Land Use Permit
Order In Council
Water Power Lease Agreement

1234567 Mining Claim

LAND TENURE WITHDRAWALS

1234 Areas Withdrawn from Disposition

Mining Act Withdrawal Types
- Wsm Surface and Mining Rights Withdrawn
- Ws Surface Rights Only Withdrawn
- Wm Mining Rights Only Withdrawn

Order In Council Withdrawal Types
- W'sm Surface and Mining Rights Withdrawn
- W's Surface Rights Only Withdrawn
- W'm Mining Rights Only Withdrawn

Ns IMPORTANT NOTICES

LAND TENURE WITHDRAWAL DESCRIPTIONS

Identifier	Type	Date	Description
4054	Wsm	Jan 1 2001	400 FT SURFACE RIGHTS RESERVATION ALONG THE SHORES OF ALL LAKES & RIVERS
P.PLA	Ws	Jan 23 2002	Pending Application Sec. 30(b) and 29(2), Surface Rights Only.
P.PLA	Wsm	Jan 23 2002	Pending Application Sec. 30(b) and 29(2), Surface Rights Only.
P.PLA	Ws	Jan 23 2002	Pending Application Sec. 30(b) and 29(2), Surface Rights Only.

IMPORTANT NOTICES

Areas under which special regulations, limitations or conditions exist that affect normal prospecting, staking and mineral development activities.

2.23912
PDRILL