

REPORT ON THE 1996 EXPLORATION

OF THE

DOROTHEA GOLD PROPERTY

Dorothea Township, Ontario

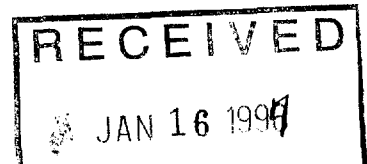
Poplar Point Claim Map G-116

Longitude 88*03'

Latitude 49*41'

November 05, 1996

Quadr. # 3.1397
2.16982
P. Lassila



42E12NE0233 2.16982 WALTERS

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FIGURES

- Figure 1: Donthea Gold Property Location Map
- Figure 2: Claim Map
- Figure 3: General Geology

MAPS

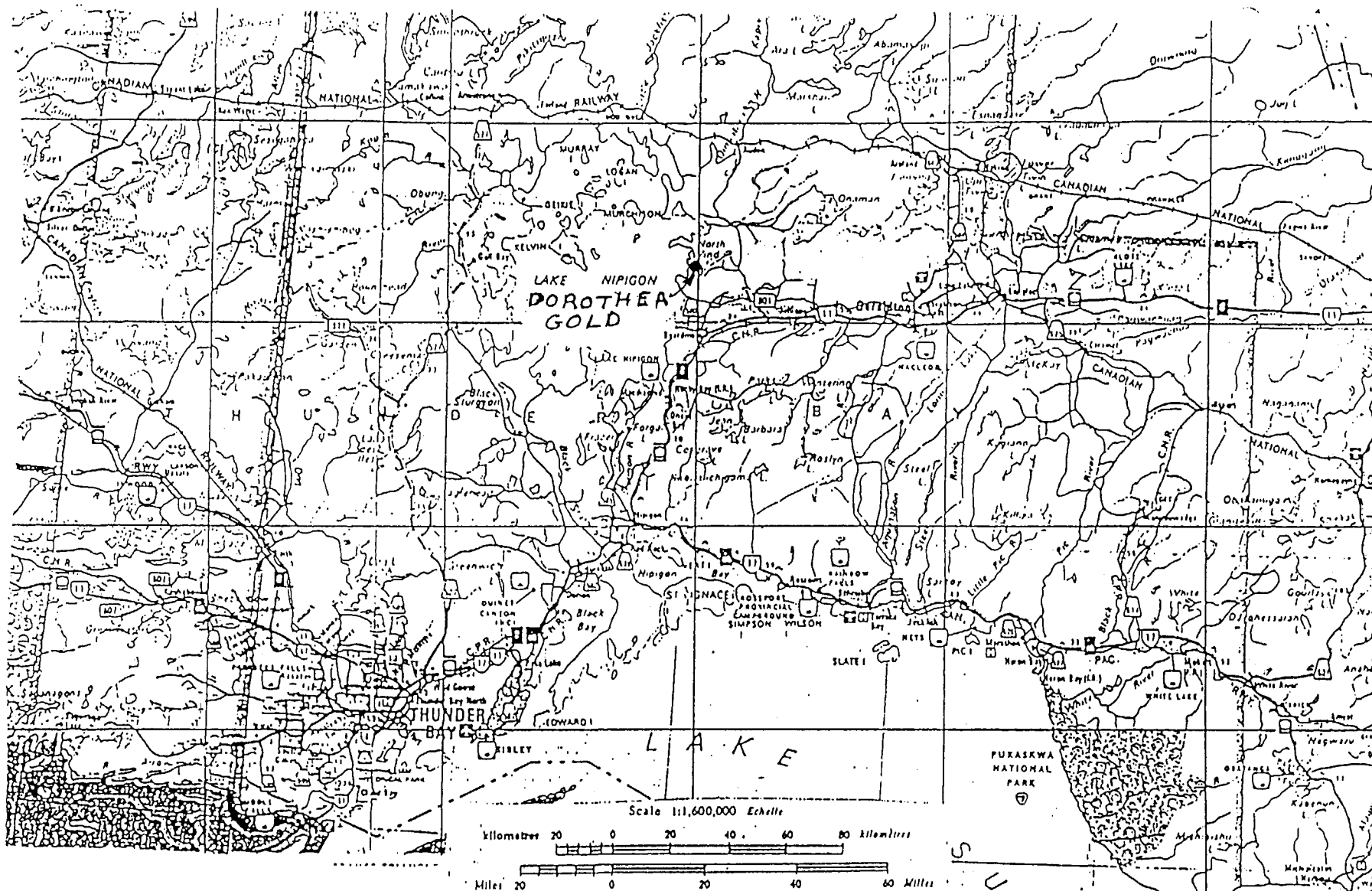
- Map 1: Prospecting and Bulldozer Stripped
Trench Location Map; Sketch
Trenches 20 and 21

SUPPORTING DOCUMENTS (at end of Report)

- a) List of assay sample data
- b) Assay result certificates
- c) Assay invoices
- d) Property ownership documents
- e) Lassila daily work log and work summary
- f) Costs Lists

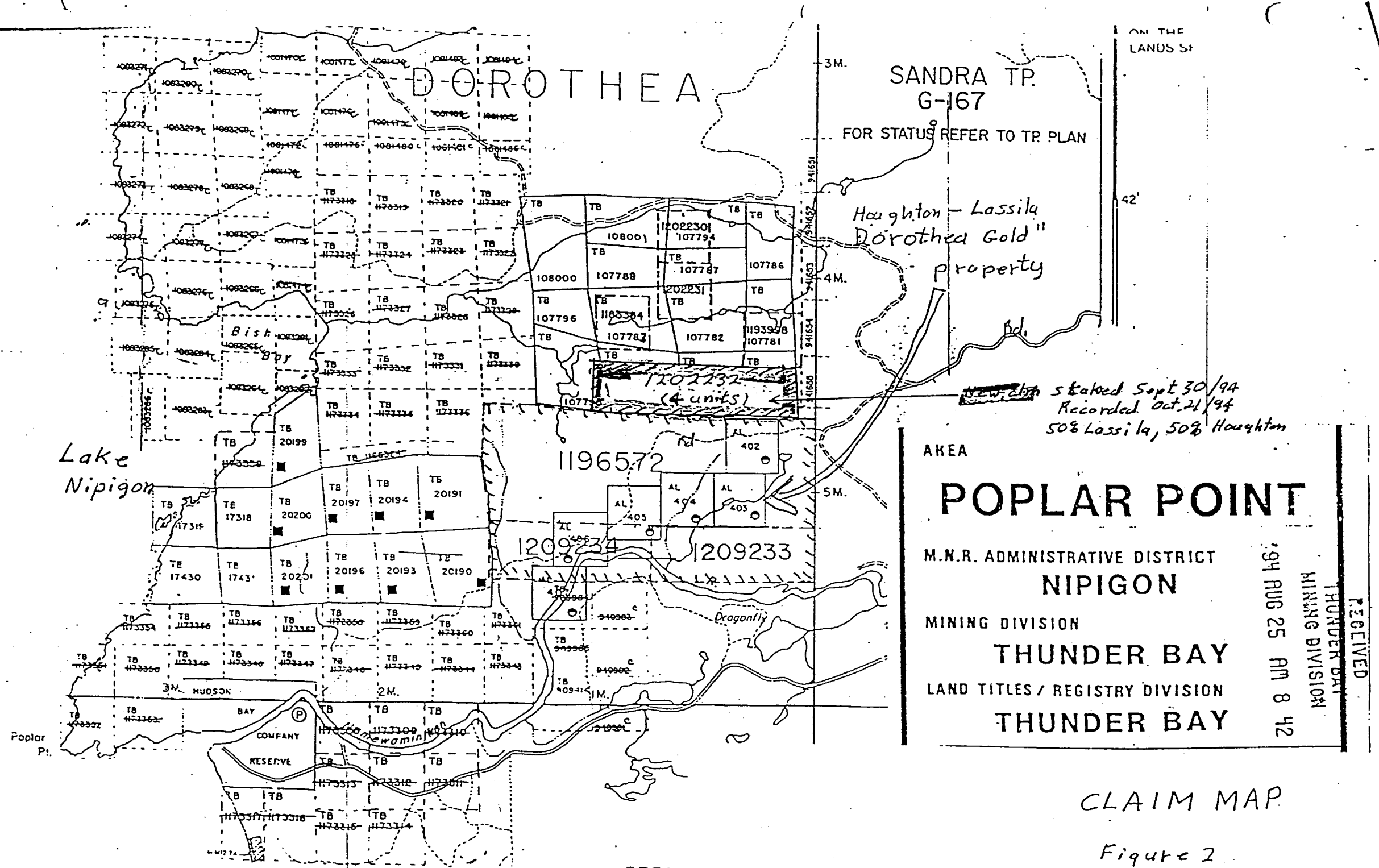


42E12NE0233 2.16982 WALTERS



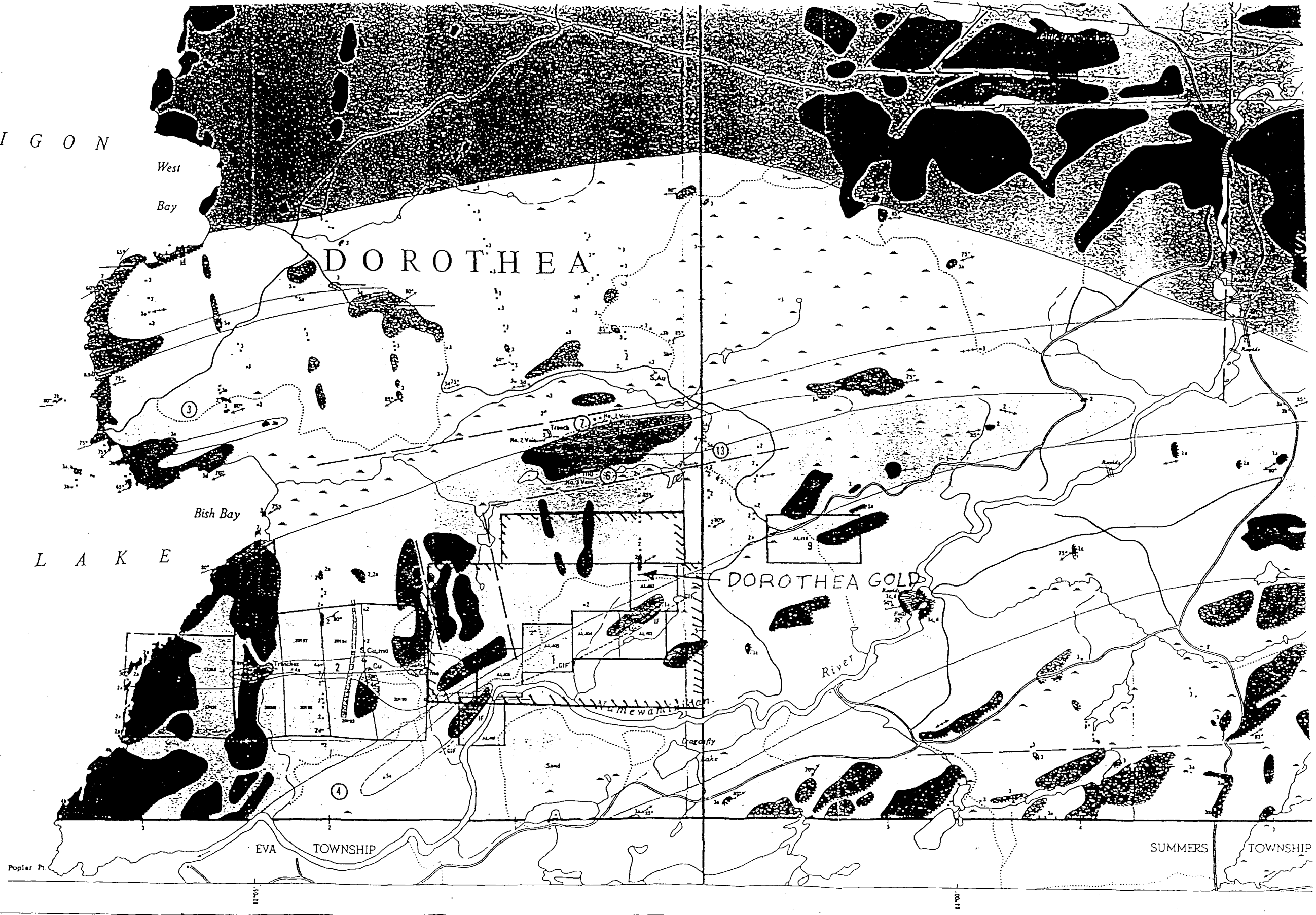
DOROTHEA GOLD PROPERTY
 LOCATION MAP
 Figure 1

BY USE
 OUVERT LE JOUR
 CANTON DE
 SECTION DE CANTON



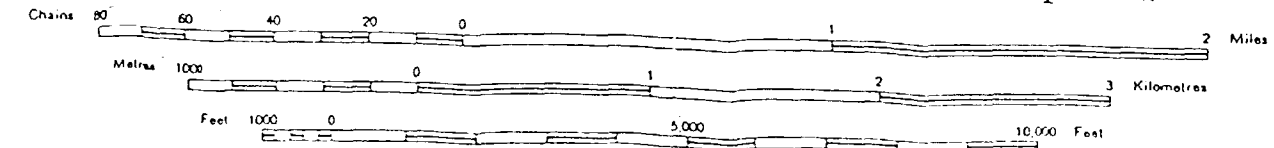
N I P I G O N

- PLEISTOCENE
Sand, gravel, clay.
- UNCONFORMITY
- PRECAMBRIAN^b
- LATE PRECAMBRIAN
(PROTEROZOIC)
- MAFIC INTRUSIVE ROCKS
- 7 Diabase.
- INTRUSIVE CONTACT
- 6 Porphyritic diabase.
- INTRUSIVE CONTACT
- EARLY PRECAMBRIAN
(ARCHEAN)
- MAFIC INTRUSIVE ROCKS
- 5 Unsubdivided.
 - 5a Diorite, quartz diorite.
 - 5b Gabbro.
 - 5c Mafic dikes.
- INTERMEDIATE TO FELSIC INTRUSIVE ROCKS
- 4a Granodiorite, quartz diorite.
 - 4b Quartz-feldspar porphyry.
 - 4c Feldspar porphyry.
- INTRUSIVE CONTACT
- METAVOLCANIC AND METASEDIMENTARY ROCKS^c
- MAFIC METAVOLCANICS
- 3 Unsubdivided.
 - 3a Amygdaloidal lava.
 - 3b Pillow lava.
 - 3c Volcanic breccia.
 - 3d Tuff and tuffaceous schists.
- INTERMEDIATE TO FELSIC METAVOLCANICS
- 2 Unsubdivided.
 - 2a Tuff-breccia, pyroclastic breccia, and derived schists.
 - 2b Massive and laminated lavas and tuffs associated with 2a.
 - 2c Quartz-feldspar porphyry.
 - 2d Feldspar porphyry.
- METASEDIMENTS
- 1a Polymictic conglomerate.
 - 1b Feldspathic sandstone.
 - 1c Quartzose and feldspathic sandstone, siltstone.
 - 1d Greywacke.
 - 1e Fissile siltstone, argillite, and slate.
 - 1g Limestone.
- IF Iron formation.
- | | |
|----------------|---------------------------|
| Ag Silver | Pd Palladium |
| asb Asbestos | q Quartz |
| Au Gold | S Sulphide mineralization |
| Cu Copper | spec Specularite |
| mo Molybdenite | |



Scale 1:31,680 or 1 Inch to 1/2 Mile

Map 2294



GENERAL GEOLOGY MAP
Figure 3

INTRODUCTION

As a followup of 1995 work, during which encouraging gold values were obtained, a 1996 program of additional prospecting and bulldozer stripping along extensions of the 1995 gold occurrences was planned for 1996.

Exploration was conducted by P. Lassila (author of this report) between Aug. 12 and Sept. 06, 1996.

Prospecting for "high potential" stripping locations was first carried out between Aug. 12 and 19, 1996. Bulldozer stripping with a D-6 Caterpillar Bulldozer was started on Aug. 19 but had to be terminated due to breakdown of the final drive in the bulldozer. Another bulldozer was not readily available in the Beardmore area and so the planned dozer work was not completed.

Prospecting was continued in several areas (Map 1). A Scintrex MP-2 Protron Magnetometer was used to delineate and define the magnetic iron formation to the south. Detailed prospecting within these magnetic parameters resulted in the discovery of several magnetite-hematite bearing outcrops. Here again several weeks of delay was encountered due to a magnetometer breakdown and waiting for repairs to be completed.

During the work a total of 15 grab samples for assay were taken; 10 samples during prospecting and 5 samples from the dozer stripped trenches #20 and 21.

This report records the work and describes the results.

LOCATION AND ACCESS

The property is located at Longitude 88*03', Latitude 49*41' (about 30 km north of Beardmore, Ontario) just east of Lake Nipigon. It lies in Dorthea Township. The east property boundary follows the north-south boundary between Dorothea Township and Sandra Township. It is also shown on the Poplar Point Claim Map, G-116.

The property may be reached by driving north from Highway 11 (at a point just east of Beardmore) along Highway 580 for about 8 km., then turn to the northeast along a gravel road until it crosses the Namewaminikan River on a Bailey Bridge. At the north end of the bridge, a dirt road leads some 7 km. to the southwest to the property area. Bulldozer roads lead you to the stripped areas on the property.

PROPERTY

The property consists of four claims: 1196572, 1209233, 1209234 comprising 12 units, 3 units and 3 units, respectively, for a total of 18 units. Claim 1202232 (4 units) was staked on September 30, 1994 (recorded October 21, 1994) as an addition to the original three claim property. Ownership of all four claims is distributed 50% to F. Houghton and 50% to P. Lassila.

PREVIOUS WORK

The general area has had considerable exploration activity for gold, copper and molybdenum, from the early 1930's to the late 1980's.

First recorded activity on the property itself, is found in Lairds 1936 O.D.M. report (p. 115) describing test pits on claim TB 19672 exposing "a rusty shear zone" 6 ft. wide with 6 in. to 12 in. of "siliceous vein matter" with "much arsenopyrite", yeilding 0.08 oz/t gold in a grab sample. These old Lawrence-McKirdy Syndicate pits were rediscovered by Houghton and Lassila after several days of searching. The

locations of the two old test pits was later bulldozer stripped and sampled for assay. It is marked as Tr. #6 on Map 2 in this report. Additional "showings" in this area, as a result of further stripping, returned several good assay results (between 0.1 and 0.2 oz/t Au.)

In 1988, Glen auden conducted mapping, IP surveying and diamond drilling. DDH No. VII (Line 36E, 5+50N) is of economic interest in that it intersected a 2m. thick quartz-carbonate vein with 5% pyrite and 10% arsenopyrite, from which two samples are reported to have returned 1800 ppb Au/30000 ppm As, and 1100 ppb Au/22000 ppm As. respectively. A 1994 search of the area in the vicinity of trenches 16, 17 and 18, resulted in the discovery of the drill hold location, perched on a flat area where a helicopter pad had been cut above a cliff face (Lassila 1995). A cursory examination of the nearby surface rock revealed only dark massive mafic flows. Bulldozer access to the projected surface area of the sulfide intersection appeared formidable and so no further work was completed at this time.

In 1994-1995 prospecting, bulldozer stripping and assay sampling was carried out at several locations in the property area (Lassila, 1994, 1995). This work resulted in the discovery of two zones with significant gold values. A carbonatized variable sheared alteration system with local quartz veins, pyrite and arsenopyrite (1994 trenches number 3, 5, 6 and 7) which returned gold values up to 0.174 oz/t. The second zone (Trench 10) returned values of 0.100, 0.220, 0.192 and 1.180 oz/t gold from small quartz-calcite veins in a volcanic shatter zone.

WORK PROGRAM

The 1996 work program (partially discussed under "Introduction") was completed between Aug. 12 and Sept. 19, 1996. It consisted of the following work:

- 1) 5 days prospecting for "high potential" bulldozer stripping locations.
- 2) 2 days bulldozer stripping, mapping and sampling.
- 3) Several days of additional prospecting; some utilizing a magnetometer for defining parimeters of the "southlying" magnetic iron formation.

Samples

A total of 15 grab samples taken for assay:
10 from prospecting locations
5 from Trenches 20 and 21

A pickup truck was used for daily transport between work-site and Beardmore.

GEOLOGY AND MINERALIZATION

The general geology of the area is represented in the 1975 mapping of Dorothea, Sandra and Irwin Townships by W.O. Mackasey (Map 2294; see Fig. 3). Additional geological detail is shown in the 1988 Glen Auden mapping over the property areas. This data is available in the M.N.D.M. assessment files.

Property Geology:

The property area is underlain by several geological formations or units. South to north they include:

- 1) Polymictic metaconglomerate in the southeast portion of the property.
- 2) Within the conglomerate a narrow (less than 50M.) band of cherty, magnetic iron formation which follows ENE along or close the north metaconglomerate contact with a northlying gabbroic intrusive.
- 3) A 100 m. to 200m. thick ENE trending dioritic to gabbroic intrusive, which extends across the south (at the west) to the central (at the east) portion of the property.
- 4) North of the mafic intrusive lies well fractured fine grain dacitic to rhyodacitic flows; commonly with pyrite fracture filling, and brittle felsic breccias, which host alteration systems within which the 1994 gold occurrence discoveries were made.
- 5) Medium grain, commonly pyritic, pinkish quartz diorite underlies the central west part of claim 1209234.
- 6) In the far west, fine grain mafic flows occur in the north part of claim 1209234 and south part of claim 1196572.

The 1996 prospecting results indicate that the "south-lying" iron formation lies immediately south of a fine grained mafic east-west trending sill. The formation consists of a 35m thick section of distinctly finely banded magnetite, hematite and argilitic wacke siltstone to sandstone, striking at about 070* and dipping north at -60*. Quartz veining with minor pyrite mineralization was found in greywacke at the south flank of iron formation. Of two samples taken the best assay return is 202 ppb, gold.

Trench 20.

A well sheared moderately to intensely carbonatized (ankerite) diorite to quartz diorite is exposed in trench 20. Quartz veinlets, occasional blebs of chalcopyrite and a few thin pyrite-sphalerite seamlets are found in the deformed-altered diorite. Best value from here is 70ppb Au, 56 8 ppm Cu and 400 ppm Zn.

Trench 21.

Foliated sericitized diorite with small subparallel quartz veins or veinlets are exposed in the partly completed trench 21. Best sample assayed 405 ppb gold.

General Comments:

The most significant 1996 prospecting result is the discovery of quartz veining float about 30 m. west of the 1995 trench # 10. From here 3 samples of 4 returned significant gold values of 14606 ppb Au, 2194 ppb Au and 2811 ppb Au respectively. Unfortunately planned bulldozer stripping of this location was not completed due to equipment breakdown problems.

RECOMMENDATIONS

Bulldozer stripping, followed by detailed assay sampling, should be completed east of trench #10 along the gold-bearing quartz-calcite veined zone. Similar stripping and sampling should also be conducted east and west of the alteration zone in the area of the 1995 trenches 6, 7 and 8. A budget of \$5000 should be sufficient to complete this work.

J. Lassile

REFERENCES

Mackasey, W.O.

1975: Geology of Dorothea, Sandra and Irwin Townships, District of Thunder Bay, Ontario.
Division Mines, GR122, 83p. Accompanied by Map 2294,
scale 1 inch to $\frac{1}{2}$ mile.

Lassila, P.

1994: Report on the Exploration of the Dorothea Gold Property, Dorothea Township, Ontario, Thunder Bay Division
O.G.S. Asses. Files, 8 p. Accompanied by three maps,
scale 1 cm. to 100 m.

1995: Report on the Exploration of the Dorothea Gold Property, Dorothea Township, Ontario, Thunder Bay Division.
O.G.S. Asses. Files, 8 p. Accompanied by geol. map,
scale 1 cm. to 100 m., and six trench sketches.

AUTHOR'S CERTIFICATION

I, Pentti Lassila, do hereby certify as follows:

- 1) That I am an independent consulting geologist and that I reside at 68 Alberry Crescent, Ajax, Ontario.
- 2) That I am a graduate of the University of North Dakota, U.S.A., 1968, with the degree of Honours B.Sc. in Geology.
- 3) That I have been practising my profession in minerals exploration since 1968.
- 4) That I have completed the exploration work described in the report, completed the enclosed maps, am author of this report and am responsible for its contents.

P. Lassila



Nov. 05, 1996

SUPPORTING DOCUMENTS

- a) List of assay sample data
- b) Assay result certificates
- c) Assay invoices
- d) Property ownership documents
- e) Lassila daily work log and work summary
- f) Costs list

LIST OF ASSAY

SAMPLE DATA

Sample Data

1996 Borothoa Gold Property Work

swastika Labs, Cert, # 6W-3442-RG1

All samples are grab samples

<u>Date</u>	<u>Location</u>	<u>No.</u>	<u>Description</u>	<u>Results</u>
Sept 12 r shipped to Swastika	25 m E of Tr #1	14366	6cm qv with minor py assoc shear zone	185 ppb Au
	25 m W of Tr 6 on Hillside	14367	qtz-carb veining (ankerite)	9 ppb Au
	Trench 20	14368	heavy carb ankerite alt of dior tr. py, seamlets 2cm or, cpy, sphal?	7 ppb Au 568 ppm Cu 400 ppm Zn
	Trench 21	14369	carb (ankerite) vein 10 cm	5 ppb Au
	Trench 21	14370	Qtz veinlets cutting heavy carb (ankerite) very locally up to 28 py	405 ppb Au
Sept 14 shipped to Swastika	Trench 20	14371	carb (ankerite) veining, few qtz stringers	45 ppb Au
	Trench 20	14372	Sheared carb zone qtz veinlets with assoc (28 py) few blebs cpy	86 ppb Au 444 ppm Cu 182 ppm Zn

Sample Data

1996 Dorothea Gold Property Work
 Swastika Labs, Cert. 6 W-3442-RG1
 All samples are grab samples

<u>Date</u>	<u>Location</u>	<u>No.</u>	<u>Description</u>	<u>Results</u>
shipped to Swastika Sept, 06	all 4 samples from 40m W of Tr. #10 qtz vein and qtz-calc vein float dug from steep hillside some minor py few specs cpy float is from very immediate vicinity	14373	8 cm white qv with some white calcite some very fn blebs of soft grey mineral	1) 14606 ppb Au 2) 8091 ppb Au 2nd sample check
		14374	5 cm qtz v no calc or py	80 ppb Au
		147375	2-4 cm qtz calc vein few blebs cpy	2194 ppb Au
		147376	5-6 cm qtz -calc vein, minor py along vein flanks	2811 ppb Au

sample Data

1996 Porothea Gold Property Work
Swastika Laboratories, Cert. # GW-4327-RGI
All samples are grab samples

<u>Date</u>	<u>Location</u>	<u>No.</u>	<u>Description</u>	<u>Results</u>
shipped to Swastika Oct 18/96	N. S Draw west part of property	14377	20cm Quartz (white) Vein	3 ppb Au
	same as No. 14377	14378	Quartz Vein as above	3 ppb Au
	South east part of property on S. side of Fe Fm	14379	small Qtz veinlets in matrix at S side of Fe Fm minor py	187 ppb Au
	About 20m west of #14379	14380	similar Qz as above	103 ppb Au

Various samples retained from earlier
work - old sampling from Porothea now
terminated for 1996.

J Fassila

ASSAY RESULT
CERTIFICATES



Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

*Dorothea
Trenches 20, 21*

Established 1928

Geochemical Analysis Certificate

6W-3442-RG1

Company: **P. LASSILA**

Date: SEP-12-96

Project:

Attm: **P. Lassila**

We hereby certify the following Geochemical Analysis of 7 Rock samples submitted SEP-05-96 by .

Sample Number	Au PPB	Au Check PPB	Au oz/ton	Cu PPM	Zn PPM
14366	185	-	-	-	- E of Tr. #1
14367	9	-	-	-	- W of Tr. #6
14368	70	-	-	568	400 ← Tr. 20
14369	5	-	-	-	-
14370	405	389	0.015	-	- } Tr. 20
14371	45	-	-	-	-
14372	86	-	-	444	182 } Tr. 20

Total 7 grab samples

All samples are grab samples

One assay ton portion used.

Certified by

P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244 FAX (705) 642-3300



Established 1928

Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Dorothed
Trench 10
(40mw)

Geochemical Analysis Certificate

6W-3533-RG1

Company: P.LASSILA
Project:
Attn: P.Lassila

Date: SEP-18-96

We hereby certify the following Geochemical Analysis of 4 Rock samples submitted SEP-12-96 by .

Sample Number	Au PPB	Au Check PPB	Au 2nd PPB	Au oz/ton	Au Check oz/ton	Au 2nd oz/ton
14373	14606	14949	8091	0.426	0.436	0.236
14374	80	-	-	-	-	-
14375	2194	2263	-	0.064	0.066	-
14376	2811	-	-	0.082	-	-

Total of 4 grab samples. "Localized" gv float.

One assay ton portion used.

Certified by _____

P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244 FAX (705) 642-3300



Established 1928

Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

*Dorothea Gold
Property
6W-4327-RG1*

Geochemical Analysis Certificate

Company: **P. LASSILA**
Project:
Attn: P. Lassila

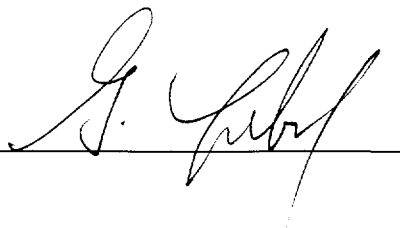
Date: OCT-25-96

We hereby certify the following Geochemical Analysis of 4 Rock samples submitted OCT-16-96 by .

Sample Number	Au	Au Check	
	PPB	PPB	
14377	3	-	} qv 14-5 draw
14378	3	-	
14379	187	202	} qvs 5 flunk of Fe fm (in wacke)
14380	103	-	

4 grab samples

One assay ton portion used.

Certified by 

P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244 FAX (705) 642-3300

ASSAY INVOICES

Dorothea Tr. #20,21

Swastika Laboratories
P.O. Box 10
Swastika, Ontario
POK 1T0

INVOICE

NO: 00037819
DATE 09/12/96
PAGE 1

SOLD TO:
P. LASSILA
68 ALBERY CRESCENT

SHIP TO:

Same

AJAX, ON L1S 2Y3

GST Number: R132862640

Proj #/P.O. # N/A

ITEM NO.	QUANTITY	UNIT	DESCRIPTION	G	P	UNIT PRICE	AMOUNT
	7		Au			8.00	56.00
	2		Cu			2.50	5.00
	2		Zn			1.50	3.00
	7		Sample Prep			3.50	24.50
			Cert #6W-3442-RG1				
			GST @ 7%				6.20
COMMENTS: Net 30 Days						TOTAL	94.70

Swastika Laboratories
P.O. Box 10
Swastika, Ontario
P0K 1T0

*Dorothou Prop
10m w of Tr 10*

INVOICE

NO 00037899
DATE: 09/19/96
PAGE: 1

SOLD TO:

P. LASSILA
68 ALBERY CRESCENT

SHIP TO:

Same

AJAX, ON L1S 2Y3

GST Number: R132862640

Proj #/P.O. # N/A

ITEM NO.	QUANTITY	UNIT	DESCRIPTION	G	P	UNIT PRICE	AMOUNT
	4		Au			8.00	32.00
	4		Sample Prep			3.50	14.00
			Cert #6W-3533-RG1				
			GST @ 7%				3.22
COMMENTS: Net 30 Days						TOTAL	49.22

Dorothea Property

Swastika Laboratories
P.O. Box 10
Swastika, Ontario
POK 1T0

INVOICE

NO: 00038359

DATE: 10/25/96

PAGE: 1

SOLD TO:

P. LASSILA
68 ALBERY CRESCENT

SHIP TO:

Same

AJAX, ON L1S 2Y3

GST Number: R132862640

Proj #/P.O. # N/A

ITEM NO.	QUANTITY	UNIT	DESCRIPTION	G	P	UNIT PRICE	AMOUNT	
	4		Au			8.00	32.00	
	4		Sample Prep			3.50	14.00	
			Cert #6W-4327-RG1					
			GST @ 7%				3.22	
<i>Paid</i>								
COMMENTS: Net 30 Days						TOTAL ▶	49.22	

PROPERTY OWNERSHIP DOCUMENTS

Claim No: TB 1196572
Status: Active

Due Date: 96/MAY/09
Work Required: 526

Recorded: 94-MAY-09
Staked: 94-MAY-03 12:30

Total Work: 4,274
Total Reserve: 0
Present Work Assignment: 1,010
Claim Bank: 0

Description of Claim:
POPLAR POINT (G-0116)
Claim Units: 12
Multiple Township: N

Claim Ownership

Percentage	Client#	Recorded Holder(s)
50.00	146058	HOUGHTON FRANKLIN ALFRED
50.00	157595	LASSILA PENTTI

Type	Date	Dollars	Description	
STAKER	94/MAY/09		RECORDED BY KINDLA RICHARD KEITH (E13035)	R9440.00165
STAKER	94/MAY/09		KINDLA RICHARD KEITH (152134) RECORDS 100.00 % IN THE NAME OF HOUGHTON FRANKLIN ALFRED (146058)	R9440.00166
TRAN	94/SEP/08		HOUGHTON FRANKLIN ALFRED (146058) TRANSFERS 50.00 % TO LASSILA PENTTI (157595)	T9440.00037
OTHER	95/FEB/20		GEOTECHNICAL WORK PERFORMED: 3600 APPROVED: 95-MAR-23	Q9540.00047
WORK	95/FEB/20	3,600	GEOTECHNICAL WORK APPLIED APPROVED: 95-MAR-23	W9540.00047
OTHER	95/FEB/20		PHYSICAL WORK PERFORMED: 1684 APPROVED: 95-MAR-09	Q9540.00048
WORK	95/FEB/20	674	PHYSICAL WORK APPLIED APPROVED: 95-MAR-09	W9540.00048

Reservation :

01 400' surface rights reservation around all lakes and rivers
02 Sand and gravel reserved
03 Peat reserved
04 Other reservations under the Mining Act may apply
09 Part mining rights only

*** End of Abstract ***

Status of claim is based on information currently on record.

95/MAR/29 08:39
CLM-21

MINISTRY OF NORTHERN DEVELOPMENT AND MINES
THUNDER BAY
FULL ABSTRACT

Page: 1

Claim No: TB 1209233
Status: Active

Due Date: 97/JUN/17
Work Required: 410

Recorded: 94-JUN-17
Staked: 94-JUN-06 15:00

Total Work: 1,990
Total Reserve: 0
Present Work Assignment: 0
Claim Bank: 0

Description of Claim:
DOROTHEA (G-0116)
Claim Units: 3
Multiple Township: N

Claim Ownership

Percentage	Client#	Recorded Holder(s)
50.00	157595	LASSILA PENTTI
50.00	146058	HOUGHTON FRANKLIN ALFRED

Type	Date	Dollars	Description	
STAKER	94/JUN/17		RECORDED BY KINDLA RICHARD KEITH (E13035)	R9440.00261
STAKER	94/JUN/17		KINDLA RICHARD KEITH (152134) RECORDS 100.00 % IN THE NAME OF HOUGHTON FRANKLIN ALFRED (146058)	R9440.00262
TRAN	94/SEP/08		HOUGHTON FRANKLIN ALFRED (146058) TRANSFERS 50.00 % TO LASSILA PENTTI (157595)	T9440.00037
OTHER	95/FEB/20		GEOTECHNICAL WORK PERFORMED: 1190 APPROVED: 95-MAR-23	Q9540.00047
WORK	95/FEB/20	1,190	GEOTECHNICAL WORK APPLIED APPROVED: 95-MAR-23	W9540.00047
WORK	95/FEB/20	800	PHYSICAL WORK APPLIED APPROVED: 95-MAR-09	W9540.00048

Reservation :

01 400' surface rights reservation around all lakes and rivers
02 Sand and gravel reserved
03 Peat reserved
04 Other reservations under the Mining Act may apply
05 Including land under water
07 Mining rights only

*** End of Abstract ***

Status of claim is based on information currently on record.

LASSILA DAILY WORK LOG
AND SUMMARY

Work Log, 1996
Dorothea Gold Property

Page 1 of 4

- Aug. 12 Lassila
\$100 Drive to Dorothea property and clear access road from fallen trees for truck.
- Aug. 13 Lassila
\$100 Prospect area near Trench 1 for possible bulldozer stripping targets; marked defor zone NE from Trench 1.
- Aug. 14 \$100 Prospect area, west along "scarp" from trench 6 and 7, spotted 2 locations for bulldozer stripping
- Aug. 15, 16, 17 other work
- Aug. 18 Lassila \$100
Koski \$100 Prospect with Koski far west area (west of Trench 16, 17) over Carb alteration zone - setup start area for bulldozer stripping.

Aug. 19 P Lassila \$100
John Koski
Dozer operator
Dozer + operator
\$561.75 D-6 Caterpillar bulldozer, strip trench at Trench 20 over quartz-carb zone heavy carb (on kerite) south into overburden, start Tr. 21 to north, but at 2:30 PM dozer final drive broke down.

This page	P Lassila	prospecting \$500	4 days
	J Koski	prospecting \$100	1 day
	Bulldozer	\$561.75	1 day

Dorothea Gold Property

- Aug. 20. Prospecting iron formation with magnetometer. Magnetometer broke down 2:00 PM. Defined and flagged magnetic zones; Mag. sent for repairs at Scintrex Co.
\$100
- Aug. 21. Rain (no work)
- Aug. 22 Mapped bulldozer stripped area (T₁, 20, 21) and took 5 samples for assay.
\$100
- Aug. 23 Prospect N-S draw area west of Trench 10. felsic volcs, marked area for hand stripping - digging on hillside, qv noted
\$100
- Aug. 24 Prospect E-W along N Boundary of clm., some oc, intermed. volcs
\$100
- Aug. 25 Prospect sides of N-S draw, at west part of property, found 20cm qv, 2 samples
\$100
- Aug. 26 Prospect S.E. over conglomerate area - nothing interesting found
100
- Aug. 27 Prospect N flank of mafic sill - very little oc off sill
- Aug. 28, 29, 30 To Thunder Bay
- 7 days prospecting = \$700

Work Log, 1996
Dorothea Gold Property

Aug. 31. draft prospecting map

Sept 04 With Frank Houghton took pumps and hose to Tr. 20 location to wash stripped area but couldn't find accessible water, wouldn't pump up high elevation from river

\$100 Lassila
\$100 Houghton

Sept 05 Detailed prospecting along slope west from trench 10, handstripping - digging located pieces of qtz vein in rubble about 30-40m west of trench 10, took 4 samples

\$100

Sept 06 Rain, no work

Sept 07-10 other work

Sept. 11 draft figures for report, photocopy site copies, set up assay data sheet from notes,

report
\$100

Sept 18, 19 Prospect iron fm area to south using magnetometer to delineate magnetic zone, found 25m to 30m wide banded hematite - magnetite iron formation, 2 samples taken from small qvs with minor assoc. py

\$200

P. Lassila	Prospecting	\$700	4 days
	Report	\$100	1 day
Houghton	\$150		1 day

Work Log, 1996
Dorothea Gold Property

Oct. 26, 27 Prepare Prospecting Map, Trinch
sketches, sample locations - ready
for final report

Oct. 28 Write, ¹⁹⁹⁶ report for Dorothea
property

Nov 07 Final Assembly of report
& maps (6 copies)

P. Lassila Totals

Report 5 days \$ 500

Prospecting 15 days \$ 1500

COST LIST

RECEIPT

Received on Oct. 6, 1996, \$ 100.00 from
P. Lassila for assistance provided on exploration work conducted
on the Dorothea Property.

1 work days x \$ 100 = \$ 100

Time Period: 1 day (Sept 04/96)

F. Houghton

Signature:

Frank Houghton

Dorthea



NELCO EQUIPMENT
757 425 ONTARIO INC.

BOX 207, BEARDMORE, ONTARIO P0T 1G0
TELEPHONE (807) 875-2170
(807) 875-2647

112. PENTTI LASSILA
Beardmore Ont

Your Order No.:

Date: *Sept 25/96*

Our Order No.:

INVOICE

Sales Tax No.:

No. *198*

DB DOZER SERVICES
7 hrs @ 75.00, Aug. 19
GST 122102965

525.00

36.75

\$561.75

Interest at the rate of 2 percent will be charged on all accounts over 30 days

Dorthea

TAX REG NO.		DATE <i>Aug 18</i> 19 <i>96</i>	
ORDER NO.		SOLD TO <i>PENTTI LASSILA</i>	
ADDRESS		SHIP TO	
ADDRESS		ADDRESS	
SUPPORT DATE		VIA	TERMS
1 DAY PROSPECTING			BALANCE <i>100.00</i>
PAID			
CASH			
TOTAL			<i>100.00</i>
SIGNATURE			

519259



Report of Work Conducted After Recording Claim

Mining Act

Transaction Number

A9640.645

Mining Claims

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used for correspondence. Questions about this collection should be directed to the Provincial Manager, Mining Lands, Ministry of Northern Development and Mines, Fourth Floor, 159 Cedar Street, Sudbury, Ontario, P3E 6A5, telephone (705) 670-7264.

2.16982

Instructions: - Please type or print and submit in duplicate.

- Refer to the Recorder.
- A separate
- Technical
- A sketch,



42E12NE0233 2.16982 WALTERS

900

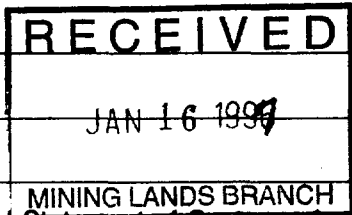
ment work or consult the Mining

this form.

Recorded Holder(s) P. Lassila 50% F. Houghton 50%	Client No. 157595 146058
Address P. Lassila, 68 Albery Cres., Ajax Ont L1S 2Y3 F. Houghton, PO Box 164 Beardmore Ont P0T 1G0	Telephone No. (905) 683 4424 (807) 875 2604
Mining Division Thunder Bay	Township/Area Ronothea Twp. Peplar Point dm Map
M or G Plan No. G-116	
Dates Work Performed From: Aug 12 1996	To: Nov, 05, 1996

Work Performed (Check One Work Group Only)

Work Group	Type	
Geotechnical Survey	Prospecting and report	5458 3333.00
Physical Work, Including Drilling	6 Bulldozer stripping	562
Rehabilitation		
Other Authorized Work		
Assays	6	196
Assignment from Reserve		



Total Assessment Work Claimed on the Attached Statement of Costs \$ **6216 3529.00**

Note: The Minister may reject for assessment work credit all or part of the assessment work submitted if the recorded holder cannot verify expenditures claimed in the statement of costs within 30 days of a request for verification.

Persons and Survey Company Who Performed the Work (Give Name and Address of Author of Report)

Name	Address
Pentti Lassila (author)	68 Albery Cres Ajax Ont, L1S 2Y3
F. Houghton	PO, Box 164 Beardmore, Ont, P0T 1G0
Nelco Equip.	Box 207 Beardmore, Ont, P0T 1G0
J. Koski	Beardmore, ont, P0T 1G0

(attach a schedule if necessary)

Certification of Beneficial Interest * See Note No. 1 on reverse side

I certify that at the time the work was performed, the claims covered in this work report were recorded in the current holder's name or held under a beneficial interest by the current recorded holder.	Date Nov. 12, 1996	Recorded Holder or Agent (Signature) P. Lassila
--	------------------------------	---

Certification of Work Report

I certify that I have a personal knowledge of the facts set forth in this Work report, having performed the work or witnessed same during and/or after its completion and annexed report is true.		
Name and Address of Person Certifying P. Lassila 68 Albery Cres, Ajax, Ont, L1S 2Y3		
Telephone No. (905) 683-4424	Date Nov 12 1996	Certified By (Signature) P. Lassila

For Office Use Only

Total Value Cr. Recorded 3529.00	Date Recorded	Mining Recorder M. G. W...	Received Stamp Thunder Bay Mining Division NOV 22 1996 RECEIVED
	Deemed Approval Date February 20/97	Date Approved	
	Date Notice for Amendments Sent		

Personal information collected on this form is obtained under the authority of subsection 6(1) of the Assessment Work Regulation 6/96. Under section 8 of the Mining Act, the information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to the Chief Mining Recorder, Ministry of Northern Development and Mines, 6th Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

Work Type	Units of Work <small>Depending on the type of work, list the number of hours/days worked, metres of drilling, kilometres of grid line, number of samples, etc.</small>	Cost Per Unit	Total Cost
Prospecting	17 days		2550
Report prep	5 days	16982	750
Batteries or strapping (D-6 caterpillar)	75/hrs x 75/hrs		562
Associated Costs (e.g. supplies, mobilization and demobilization).			
Shipping			20
Photocopying			40
Typing			33
Assays			196
Report Materials (6 copies)			
Transportation Costs			1065
5 pickup truck Ajax Beardmore Ajax plus 15 trips Beardmore to property			
Food and Lodging Costs			1000

RECEIVED
 JAN 16 1999
 MINING LANDS BRANCH

Total Value of Assessment Work ~~6216~~
\$ 3529.00

Calculations of Filing Discounts:

1. Work filed within two years of performance is claimed at 100% of the above Total Value of Assessment Work.
2. If work is filed after two years and up to five years after performance, it can only be claimed at 50% of the Total Value of Assessment Work. If this situation applies to your claims, use the calculation below:

TOTAL VALUE OF ASSESSMENT WORK x 0.50 = Total \$ value of worked claimed.

Note:

- Work older than 5 years is not eligible for credit.
- A recorded holder may be required to verify expenditures claimed in this statement of costs within 45 days of a request for verification and/or correction/clarification. If verification and/or correction/clarification is not made, the Minister may reject all or part of the assessment work submitted.

Thunder Bay
Mining Division

Certification verifying costs:

NOV 22 1996

I, P. Lossilo (please print full name), do hereby certify, that the amounts shown are as accurate as may reasonably be determined and the costs were incurred while conducting assessment work on the lands indicated on the accompanying Declaration of Work form as recorded holder I am authorized (recorded holder, agent, or state company position with signing authority) to make this certification.

Signature: P. Lossilo Date: Nov, 12, 1996

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used for correspondence. Questions about this collection should be directed to the Provincial Manager, Mining Lands, Ministry of Northern Development and Mines, Fourth Floor, 159 Cedar Street, Sudbury, Ontario, P3E 6A5, telephone (705) 670-7264.

- Instructions:**
- Please type or print and submit in duplicate.
 - Refer to the Mining Act and Regulations for requirements of filing assessment work or consult the Mining Recorder.
 - A separate copy of this form must be completed for each Work Group.
 - Technical reports and maps must accompany this form in duplicate.
 - A sketch, showing the claims the work is assigned to, must accompany this form.

Recorded Holder(s) P Lössila 50% F Haughton 50%	Client No. 157595 146058
Address P Lössila, 68 Albany Cres, Ajax, Ont, L5 2V3 F Haughton, PO Box 164, Beardmore Ont POT 160	Telephone No. (905) 683-4429 (807) 875-2604
Mining Division Thunder Bay	Township/Area Walters
M or G Plan No. G-171	
Dates Work Performed From: Sept. 07, 1996	To: Nov. 06, 1996

Work Performed (Check One Work Group Only)

Work Group	Type	
Strip 120 (PSTRIP)		
Geotechnical Survey		
Physical Work, Including Drilling	Bulldozer stripping	7706 \$7416.00
Rehabilitation		
Other Authorized Work	Prospecting	16310
Assays		369
Assignment from Reserve		

Total Assessment Work Claimed on the Attached Statement of Costs \$ ~~12585~~ 7416.00

Note: The Minister may reject for assessment work credit all or part of the assessment work submitted if the recorded holder cannot verify expenditures claimed in the statement of costs within 30 days of a request for verification.

Persons and Survey Company Who Performed the Work (Give Name and Address of Author of Report)

Name	Address
P. Lössila (author)	68 Albany Cres, Ajax, Ont, L5 2V3
F & M Contracting	PO Box 123 Beardmore ont POT 160
Frank Haughton	PO Box 146 Beardmore ont POT 160
Philip Haughton	Beardmore ont, POT 160
Donny Gordon	Beardmore ont, POT 160
Leroy Clarke	Beardmore ont, POT 160

(attach a schedule if necessary)

Certification of Beneficial Interest * See Note No. 1 on reverse side

I certify that at the time the work was performed, the claims covered in this work report were recorded in the current holder's name or held under a beneficial interest by the current recorded holder.	Date Nov. 15, 1996	Recorded Holder or Agent (Signature) P Lössila
--	-----------------------	---

Certification of Work Report

I certify that I have a personal knowledge of the facts set forth in this Work report, having performed the work or witnessed same during and/or after its completion and annexed report is true.		
Name and Address of Person Certifying Pentti Lössila 68 Albany Cres, Ajax, Ont, L5 2V3		
Telephone No. (905) 683-4429	Date Nov. 15, 1996	Certified By (Signature) P Lössila

For Office Use Only

Total Value Cr. Recorded 77416.00	Date Recorded December 22/96	Mining Recorder M. A. Weir	Received Stamp Thunder Bay Mining Division NOV 22 1996 RECEIVED
	Deemed Approval Date	Date Approved January 9/97	
	Date Notice for Amendments Sent		

119640.646

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units
	1122875	2
	1122876	4
Total Number of Claims		2

Value of Assessment Work Done on this Claim	Value Applied to this Claim
3500 6000 39185 6585	8085 4585 5331 8000
Total Value Work Done	Total Value Work Applied
\$7416.00 <u>12585</u>	\$7416.00 <u>12585</u>

Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
1415	
Total Assigned From	Total Reserve
1415	

Credits you are claiming in this report may be cut back. In order to minimize the adverse effects of such deletions, please indicate from which claims you wish to prioritize the deletion of credits. Please mark (✓) one of the following:

- Credits are to be cut back starting with the claim listed last, working backwards.
- Credits are to be cut back equally over all claims contained in this report of work.
- Credits are to be cut back as prioritized on the attached appendix.

In the event that you have not specified your choice of priority, option one will be implemented.

Note 1: Examples of beneficial interest are unrecorded transfers, option agreements, memorandum of agreements, etc., with respect to the mining claims.

Note 2: If work has been performed on patented or leased land, please complete the following:

I certify that the recorded holder had a beneficial interest in the patented or leased land at the time the work was performed.	Signature	Date
---	-----------	------

Personal information collected on this form is obtained under the authority of subsection 6(1) of the Assessment Work Regulation 6/96. Under section 8 of the Mining Act, the information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to the Chief Mining Recorder, Ministry of Northern Development and Mines, 6th Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

Work Type	Units of Work <small>Depending on the type of work, list the number of hours/days worked, metres of drilling, kilometres of grid line, number of samples, etc.</small>	Cost Per Unit	Total Cost
Prospecting	21 man days		3600
Assay	8 man days		1200
Blasting Sampling	10 man days		1250
Power Washing	5 man days		500
D-6 Bulldozer and operator	20 hours		1706
Associated Costs (e.g. supplies, mobilization and demobilization).			
	Assays		369
	Materials and Costs		640
	Rental Equipment		1500
	Transportation Costs		420
	Food and Lodging Costs		1400
Total Value of Assessment Work			12585 \$ 7416.00

Calculations of Filing Discounts:

1. Work filed within two years of performance is claimed at 100% of the above Total Value of Assessment Work.
2. If work is filed after two years and up to five years after performance, it can only be claimed at 50% of the Total Value of Assessment Work. If this situation applies to your claims, use the calculation below:

TOTAL VALUE OF ASSESSMENT WORK x 0.50 = Total \$ value of worked claimed.

Note:
 - Work older than 5 years is not eligible for credit.
 - A recorded holder may be required to verify expenditures claimed in this statement of costs within 45 days of a request for verification and/or correction/clarification. If verification and/or correction/clarification is not made, the Minister may reject all or part of the assessment work submitted.

Certification verifying costs:
 I, P. Lassila (please print full name), do hereby certify, that the amounts shown are as accurate as may reasonably be determined and the costs were incurred while conducting assessment work on the lands indicated on the accompanying Declaration of Work form as recorded holder I am authorized (recorded holder, agent, or state company position with signing authority) to make this certification.

Signature <u>P. Lassila</u>	Date Nov. 15, 96
--------------------------------	---------------------



January 24, 1997

Geoscience Assessment Office
933 Ramsey Lake Road
6th Floor
Sudbury, Ontario
P3E 6B5

Michael Weirmeir
Mining Recorder
435 James Street South
Suite B003
Thunder Bay, ON
P7E 6E3

Telephone: (705) 670-5853
Fax: (705) 670-5863

Dear Sir or Madam:

Submission Number: 2.16982

Status

Subject: Transaction Number(s): W9640.00645 **Approval**

We have reviewed your Assessment Work submission with the above noted Transaction Number(s). The attached summary page(s) indicate the results of the review. WE RECOMMEND YOU READ THIS SUMMARY FOR THE DETAILS PERTAINING TO YOUR ASSESSMENT WORK.

If the status for a transaction is a 45 Day Notice, the summary will outline the reasons for the notice, and any steps you can take to remedy deficiencies. The 90-day deemed approval provision, subsection 6(7) of the Assessment Work Regulation, will no longer be in effect for assessment work which has received a 45 Day Notice.

Please note any revisions must be submitted in DUPLICATE to the Geoscience Assessment Office, by the response date on the summary.

NOTE: This correspondence may affect the status of your mining lands. Please contact the Mining Recorder to determine the available options and the status of your claims.

If you have any questions regarding this correspondence, please contact Steve Beneteau by e-mail at beneteau_s@torv05.ndm.gov.on.ca or by telephone at (705) 670-5855.

Yours sincerely,

A handwritten signature in black ink, appearing to read "Ron C. Gashinski".

ORIGINAL SIGNED BY
Ron C. Gashinski
Senior Manager, Mining Lands Section
Mines and Minerals Division

Work Report Assessment Results

Submission Number: 2.16982

Date Correspondence Sent: January 24, 1997

Assessor: Steve Beneteau

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9640.00645	1196572	DOROTHEA, POPLAR POINT	Approval	January 23, 1997

Section:

9 Prospecting PROSP

Correspondence to:

Mining Recorder
Thunder Bay, ON

Resident Geologist
Thunder Bay, ON

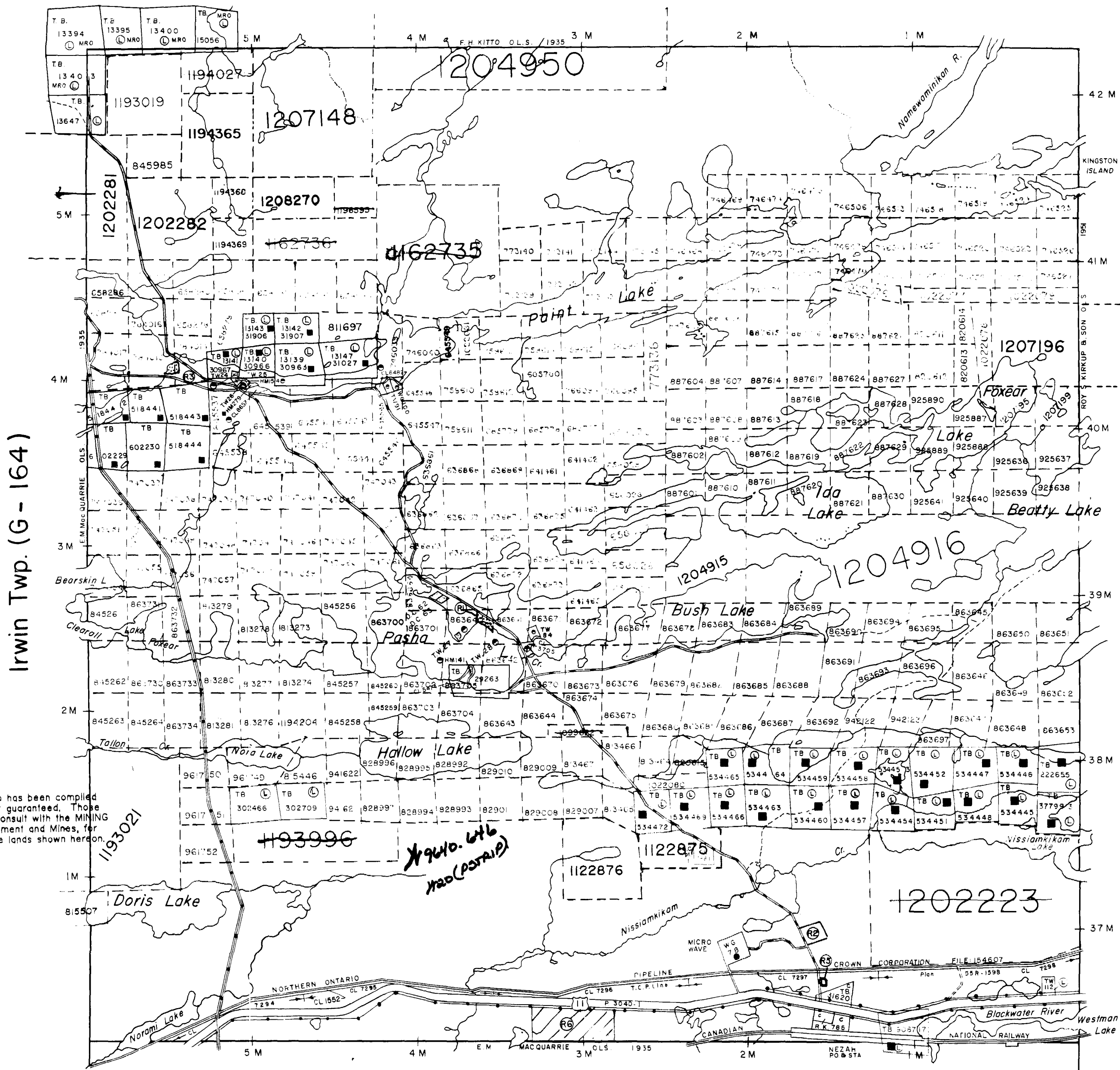
Assessment Files Library
Sudbury, ON

Recorded Holder(s) and/or Agent(s):

PENTTI LASSILA
AJAX, Ontario

FRANKLIN ALFRED HOUGHTON
BEARDMORE, Ontario

Elmhirst Twp.(G - 162)



Irwin Twp. (G - 164)

Leduc Twp. (G - 169)

Vincent Twp.(G - 163)

AREAS WITHDRAWN FROM DISPOSITION

S.R. - SURFACE RIGHTS M.R. - MINING RIGHTS

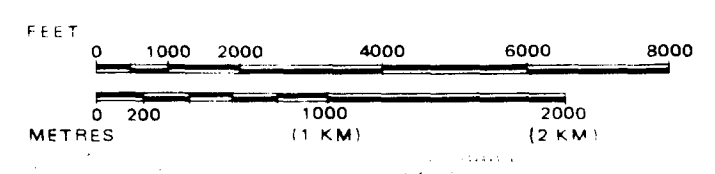
Description	Order No.	Date	Disposition	File
(R)	M/R RESERVE.	File 77094		
(RE)	SURFACE RIGHTS ONLY WITHDRAWN FROM STAKING ORDER W07/90 COMMUNICATION TOWER SITE FOR DOMTAR INC.	DATED 02/06/90		
(R3)	SURFACE RIGHTS ONLY WITHDRAWN FROM STAKING. SECTION 35/80. ORDER W-14/92 WASTE DISPOSAL SITE. DATED 08/11/92. FILE 188528			
(R5)	SURFACE RIGHTS ONLY WITHDRAWN FROM STAKING. SECTION 31(b). DATED 02/06/91. INTERCONNECT BASE STATION.			
(R6)	SURFACE RIGHTS ONLY WITHDRAWN FROM STAKING. ORDER W-TB-54/93 DATED 09/22/93. WASTE DISPOSAL SITE.			

THE SURFACE RIGHTS LYING WITHIN 40.25 m. OF THE CENTER-LINE OF THE TRANS-CANADA PIPELINE RIGHT-OF-WAY ARE WITHDRAWN FROM STAKING OUT, PROSPECTING, SALE OR LEASE BY ORDER W-01/91 CNT DATED SEPT. 20/91. SECTION 112 OF THE NATIONAL ENERGY ACT APPLIES TO THIS AREA.

LEGEND

- PATENTED LAND (P)
- CROWN LAND SALE (C.S)
- LEASES (L)
- LOCATED LAND (Loc)
- LICENSE OF OCCUPATION (L.O)
- MINING RIGHTS ONLY (M.R.O)
- SURFACE RIGHTS ONLY (S.R.O)
- ROADS
- IMPROVED ROADS
- KING'S HIGHWAYS
- RAILWAYS
- POWER LINES
- MARSH OR MUSKOG
- MINES
- CANCELLED
- PATENT SURFACE & MINING RIGHTS
- SURFACE RIGHTS ONLY
- LAND USE PERMITS FOR COMMERCIAL TOURISM, OUTPOST CAMPS

SCALE: 1 INCH = 40 CHAINS



TOWNSHIP OF
WALTERS
 M.N.R. ADMINISTRATIVE DISTRICT
NIPIGON
 MINING DIVISION
THUNDER BAY
 LAND TITLES / REGISTRY DIVISION
THUNDER BAY



February, 1981
 In Service Nov. 27, 1981
G-171

NOTICE - The information that appears on this map has been compiled from various sources and accuracy is not guaranteed. Those wishing to stake MINING CLAIMS should consult with the MINING RECORDER, Ministry of Northern Development and Mines, for additional information on the status of the lands shown hereon.

G-171

WALTERS TWP

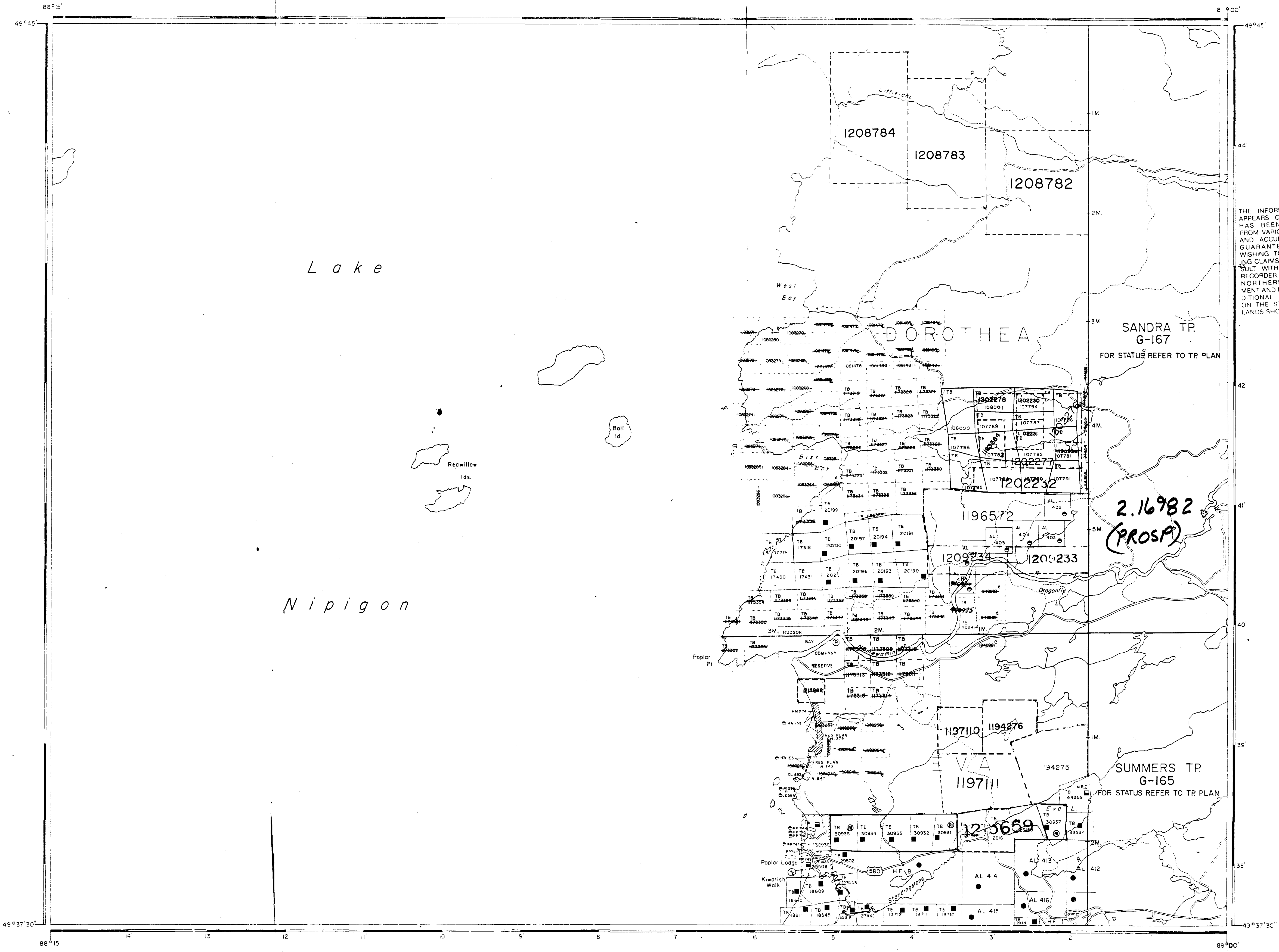
G-171

G-171

WALTERS TWP

G-171

MUNGO PARK POINT G-92



MARYJANE LAKE G-80

NOTES

Reserve flooding rights on Lake Nipigon to contour elevation 855 to Ont Hydro O.C dated 25th April 1930. File 12198 Also reserve 66' from 855 contour to Ont Hydro

AREAS WITHDRAWN FROM DISPOSITION

S.R. - SURFACE RIGHTS M.R. - MINING RIGHTS

The following are designated Summer Resort Locations and are not open for staking under Sec. 3 (c): V.42, V.249, V.278, V.298, V.279, V.744, V.745, P.746, P.747, P.748, P.749.

Sec. 36 W/D Order #W.74/70 S.R.O. Claim #s 29509 & 30936 See Poplar Point Landroll

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

MINING RIGHTS WITHDRAWN FROM STAKING UNDER W.T.B. 84 NON-RESERVE AREAS TO PREVENT ADVERSE EFFECTS ON THE WILD BIRDS AND BEES PROTECTION ACT CERTIFICATE OF A COMMITMENT

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
- LAND USE PERMITS FOR COMMERCIAL TOURISM/OUTPOST CAMPS

DISPOSITION OF CROWN LANDS

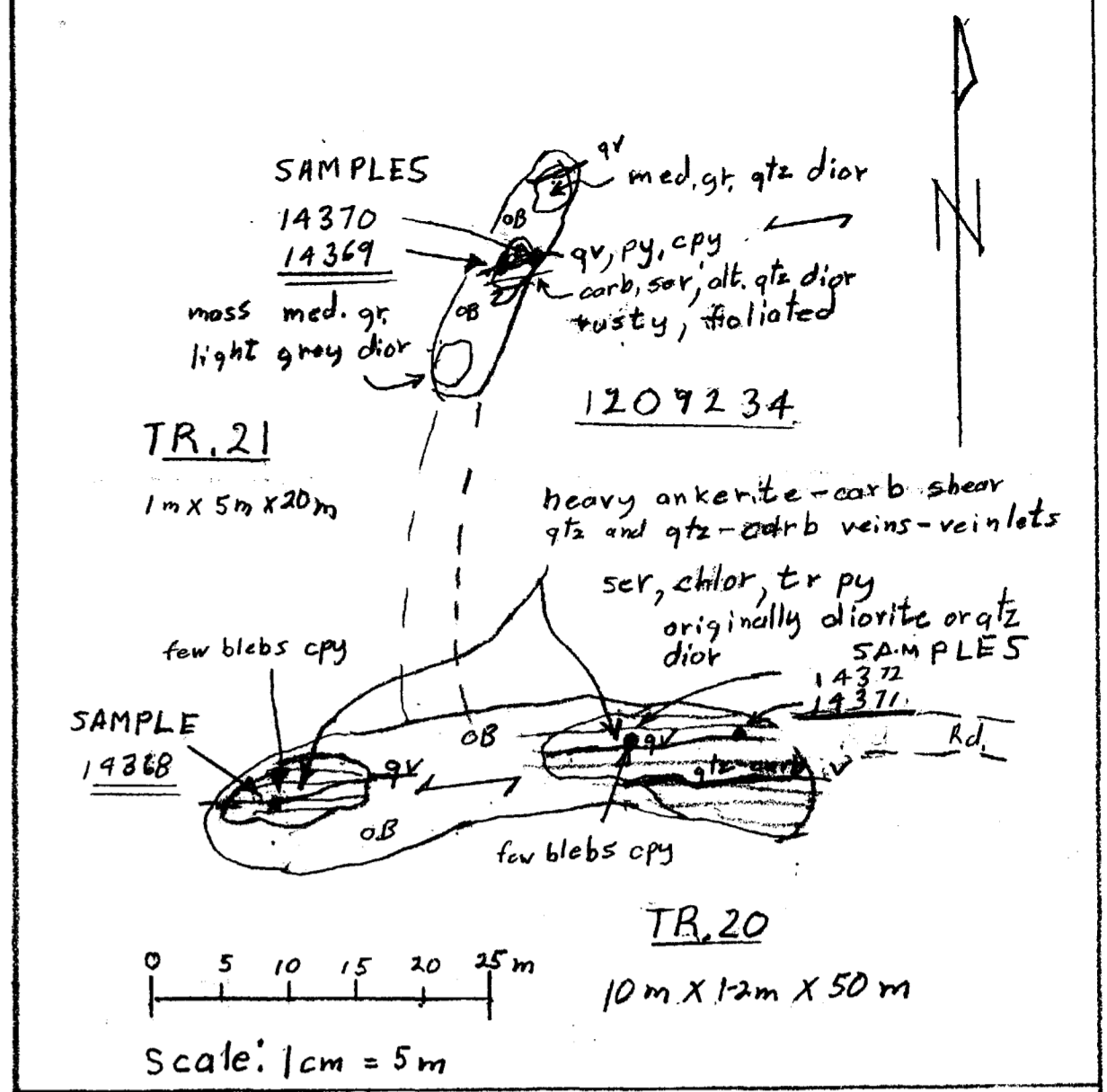
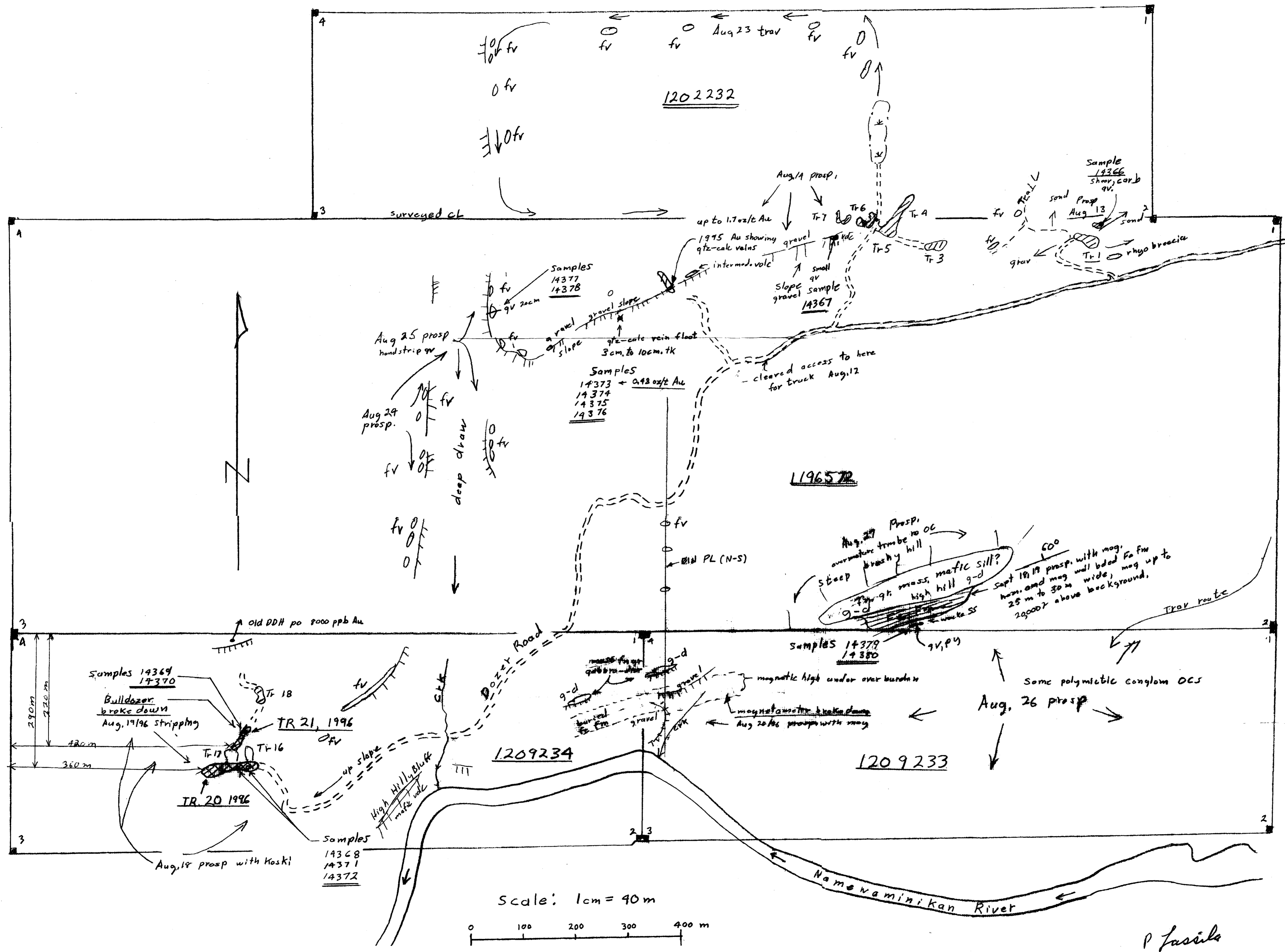
TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	●
" SURFACE RIGHTS ONLY	○
" MINING RIGHTS ONLY	◐
LEASE SURFACE & MINING RIGHTS	■
" SURFACE RIGHTS ONLY	◼
" MINING RIGHTS ONLY	◻
LICENCE OF OCCUPATION	◑
ORDER-IN-COUNCIL	OC
RESERVATION	○
CANCELLED	⊖
SAND & GRAVEL	⊙

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

AREA
POPLAR POINT
 M.N.R. ADMINISTRATIVE DISTRICT
NIPIGON
 MINING DIVISION
THUNDER BAY
 LAND TITLES / REGISTRY DIVISION
THUNDER BAY



Date FEBRUARY 1981
 Info Service Apr. 3, 1990
 Number
G-116



1996 BULLDOZER TRENCH SKETCH
Trenches #20 and #21
Dorothea Gold Property
By P. Lassila, Oct. 27, 1996

- LEGEND
- OB Overburden
 - fv Intermediate to felsic volcanics
 - mv mafic volcanics
 - g-d gabbroic to dioritic neck
 - dior diorite
 - qtz quartzitic
 - qv quartz vein
 - py pyrite
 - cpy chalcopyrite
 - Fe-fm iron formation
 - ← 14373 assay sample
 - foliation
 - TR 18 Old bulldozer trench
 - TR 20 1996 bulldozer trench
 - outcrop
 - bluff or steep topographic break
 - == access route

PROSPECTING AND BULLDOZER TRENCHING MAP
Dorothea Gold Property
Dorothea Twp, Ont
Lot. 49°41' Lot. 80° 03'
By: P. Lassila Oct. 27, 1996
MAP 1

