



52H09NE0005 2.15902 DOROTHEA

010

REPORT ON THE EXPLORATION

OF THE

RECEIVED
MAR 15 1995
MINING LANDS BRANCH

DOROTHEA GOLD PROPERTY

Dorothea Township, Ontario

Poplar Point Claim Map G-116

Longitude 88° 03'

Latitude 49° 41'

2.15902

November 25, 1994

Qual. #. 2.1397
P. Lassila
P Lassila



52H09NE0005 2.15902 DOROTHEA

010C

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INTRODUCTION

The Dorothea Gold Property exploration was initiated mainly as a follow-up to a report of gold discovered in a trench on the 1936 claim TB 19672 by Laird in his 1936 Department of Mines Report. These old discoveries sometimes lead to additional gold occurrences through prospecting and mechanical stripping. So a prospecting program, followed by bulldozer stripping and sampling for assay, was carried out on the property between June and late October 1994. On September 05, 1994 P. Lassila jointed F. Houghton as a 50% joint venture partner on the property.

The first phase of exploration was primarily prospecting for old trenches, mineral occurrences, shear structures and alteration zones. "Locations of Interest" were flagged for later mechanical stripping and assay sampling.

Due to unavailability of a bulldozer at the time, F. Houghton hired a skidder for the first stages of stripping. This was followed by some additional prospecting. The last stage, bulldozer stripping and assay sampling, was terminated on October 22 when the main access road became virtually impassable for our two wheel drive trucks. Due to wet very muddy conditions, attempts to repair the road with bulldozer simply turned it into muddy soup. After requiring bulldozer assistance to pull the trucks through a mudhole, it was decided to discontinue work, despite the fact that the stripped areas still remained to be mapped.

Pickup truck was used on a daily basis to travel to the property area from Beardmore. An ATV vehicle along an old bush road and walking completed the journey to the exploration locations.

Details of the daily work completed is provided in the Lassila and Houghton daily work logs ("Lassila daily work log and work summary", under "Supporting Documents").

In summary:

- 1) some eighteen locations were bulldozer stripped-trenched,
- 2) 48 hours of bulldozer stripping and trenching was conducted between October 08 and October 22, 1994

- 3) a total of 52 grab samples were taken for assay,
F. Houghton, 35 samples
P. Lassila, 17 samples
- 4) one VLF EM traverse of 0.35 line km. conducted.

Locations of the prospecting, trenching and sampling are shown on the maps provided. Assay data and related documents as well as other pertinent data are provided at the end of this report under "Supporting Documents".

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 Dorothea 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 AND THE 1994 FOLLOW-UP 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", yielding 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 to 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 search of the area in the vicinity of trenches 16, 17 and 18, resulted in the discovery of the drill hole location, perched on a flat area where a helicopter pad had been cut above a cliff face. 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. A thorough prospecting of this area is planned for next year.

GEOLOGY AND MINERAL OCCURRENCES

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 M.N.D.M. assessment files.

The Lassila-Houghton 1994 work was entirely of a prospecting nature, during which no

geological mapping was conducted.

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 200 m. 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 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) In the south central west, pinkish quartz diorite, commonly pyritic, was observed at several locations.
- 6) In the far west (claim 1209234) fine grain mafic flows occur in the north part of the prospecting area #7 shown on Map 2.

Several "zones of interest" were discovered by prospecting, later bulldozer stripping and sampling for assay.

The economically most important zone (several samples returned values 0.1 to 0.19 oz/t gold) lies in the area of trenches 3, 4, 5, 6 and 7 (Map 2). This area, which has only minor outcrop exposure, was extensively stripped-trenched with a bulldozer at shallow overburden locations. It is primarily underlain by dacitic to rhyodacitic well fractured, fine grained flows, which have

undergone substantial and complex alteration, including moderate to intense carbonatization, variable silicification including quartz veining and local minor to moderate shearing and pyritization which is generally associated with the silicification. The overall trend of this system still remains unclear but appears to vary from southeast to northeast. Best gold values were returned from quartz veined pyritic locations, but values are very erratic with no clear trend defined as yet.

More work here is required to:

- a) better determine the extent of the mineralized alteration systems
- b) detail the nature of the system (more stripping followed by power washing and detailed mapping)
- c) additional sampling to more clearly define the relationship of gold enrichment and alteration.

A second area of interest is a east-northeast striking, 30 m. wide, altered shear system, hosted by rhyolitic breccia in the location of Trench #1 (Map 2). Here, intense shearing, seritization, moderate carbonatization, associated pyritization and minor quartz veining, subparallel to shearing, has occurred. Unfortunately, grab samples from this zone returned very low gold values.

A third area of primary interest lies in the west on claim 1209234, at trenches #16 and #17. Here, a 10 m. wide carbonatized shear cuts east-west through pyritic quartz diorite exposed over a width of about 40 m. The diorite is bounded on the south by deep overburden and on the north by well fractured rhyodacite. Pyrite, a few blebs of chalcopyrite and occasional specks of molybdenum were observed in the diorite. Best assay is from pyritic carbonatized quartz diorite which returned 429 ppb gold.

Further investigation should be conducted along the east and west extension of this zone.

Judging from the results from the completed work, the best potential for gold enrichment on this property lies within alteration systems that occur in the fractured and brecciated rhyodacitic rocks.

Best assay returns (0.108 oz/t, 0.220 oz/t, 0.192 oz/t and 1.180 oz/t gold) were returned from quartz veining in a felsic volcanic shatter zone containing up to 5% pyrite and a few blebs of chalcopyrite in trench #10. More extensive exploration is certainly warranted here.

All the trenches still remain to be geologically mapped.

SUMMARY OF RESULTS AND CONCLUSIONS

The exploration work led to the discovery of two substantial carbonatized alteration systems which appear to be related to adjacent quartz veining and associated pyrite mineralization. Grab samples from quartz veining at several locations (trenches 3, 4, 6, 7 and 10) within or along these systems returned several gold values in the 0.1 to 1.2 oz/t range. Host rock is rhyodacitic flows and breccias.

Due to only partial exposure and muddy conditions in uneven subcrop, the characterization of these two zones could not be clearly defined. Power washing is planned for this area next year, to be followed by detailed mapping of the stripped areas.

At the location of Trench 10, a 5 cm. to 10 cm. wide quartz and quartz-calcite vein with varying amounts of associated pyrite and, locally, chalcopyrite, returned values up to 1.18 oz/t Au.

Samples from a shear zone in diorite and quartz diorite, in the west (Trenches 16 and 17) returned only low gold values (429 ppb Au the best value).

A 30 m. wide shear and alteration system in the northeast (Trench 1) returned disappointing values with only 110 ppb Au. from good looking pyritic quartz vein material.

Several other rusty or pyritic areas (Trenches 8, 9, 11, 12, 13, 14, 15) revealed no significant mineralized systems.

RECOMMENDATIONS

The discovery of gold-bearing quartz veining associated with alteration systems is encouraging. These areas (Trenches 3 to 7, and Trench 10) should be further prospected, especially to the west, along with bulldozer stripping. Locations of interest should be power washed to develop clear exposures from which geology, mineralogy and structure can be more readily determined. This is especially important in the gold-bearing locations.

The area in the vicinity of the old drill hole in the west (North of Trench 18) should be prospected in detail and, if feasible, bulldozer stripped at selected locations.

Prospecting should be carried out in the northwest which, as yet, has not been examined.

An budget total of \$15,000 should be enough to cover costs of:

- 1) prospecting
- 2) bulldozer stripping
- 3) assay and sampling costs
- 4) power washing
- 5) geological mapping of the trenches.



P. Lassila

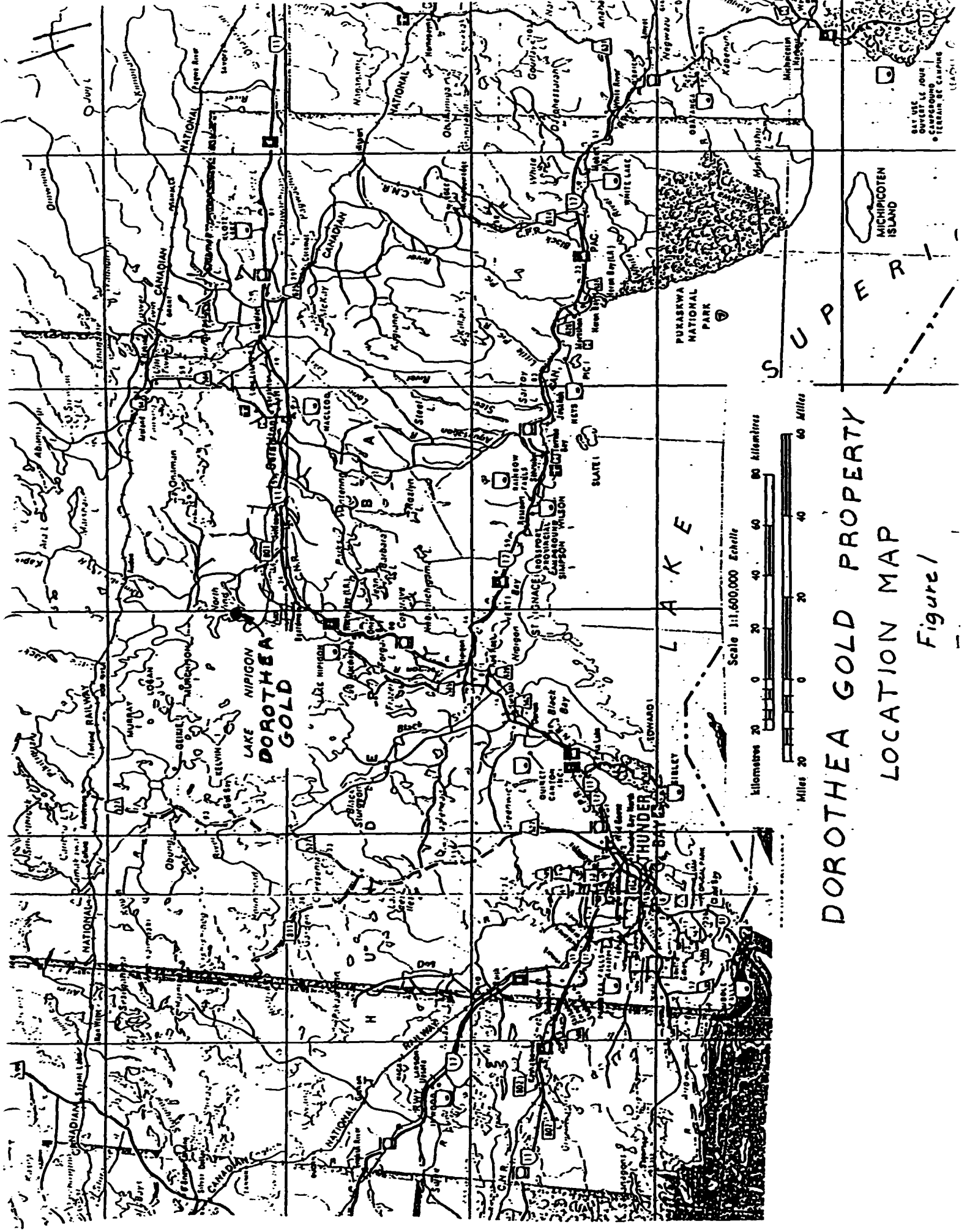
December 04, 1994

**(50% Property Owner and
Consulting Geologist)**

REFERENCES

Mackasey, W.O.

**1975: Geology of Dorothea, Sandra, and Irwin Townships, District of Thunder Bay; Ontario
Division of Mines, Geological Report 122, 81p. Accompanied by Map 2294, Scale
1 inch to 1/2 mile.**



DOROTHEA GOLD PROPERTY
LOCATION MAP

Figure 1

Laird 1938 rpt. Dept. of Mines

Lawrence-McKirdy Syndicate

The Lawrence-McKirdy Syndicate holds a group of 9 unsurveyed claims (T.B. 19,670 to 19,678) in Dorothea township, adjoining the Amorada property on the south. A considerable amount of trenching and test-pitting has been done at the main showing on claim T.B. 19,672 just south of the Amorada boundary. The most easterly test pit on the south slope of a high east-west ridge exposes a rusty shear zone in greenstone over a length of 25 feet and a width of 6 feet. The schist strikes N. 55° E. and dips 80° N. The zone is cut by an intricate network of ankerite stringers, and calcite segregations are common. Along the hanging-wall side of the "break" are irregular masses of quartz up to 6 inches in width. In the middle of the "break" is a lens of siliceous vein matter, 6 to 12 inches in width and 20 feet in length, which carries much arsenopyrite, as well as pyrite and galena. A grab sample of this material yielded 0.08 ounces of gold per ton.

20
25
02



clm 19672
silc material,
as py., py.,
0.08 oz/t Au

(shipped to Swastika Labs)

①

Oct 17/94

1994

P Lassila Samples

All Samples are grab samples Dorothea Gold; Clm # 1196572
OPAP # + 1209234

Date	Sample No.	Location	Description	Results ppb Au
Oct. 8	25768	Tr. 3	silicified rk weak carb 1-28 py qtz veinlets	5966 (0.174 026)
Oct. 8	25769	Tr. 3	5" qtz vein with seamlike clots of massive py, minor carb	370
Oct. 8	25770	Tr. 3	well silc carb false vlc with 1/2" white qv 18 py in qv + carb	17
Oct. 8	25771	Tr. 4	well silc carb false vlc 1-28 py few qtz seamlets	55
Oct 15	220252	Tr. 18	Fractured rhyo with qv, splashed cpy	82 (2540 ppm Cu)
Oct 15	220253	Tr. 18	Fractured carb rhyo tracepy	3
Oct 15	220254	Tr. 17	in thin (2mm) chlr seams	
			qtz Dior, 1/2" qv tracepy, cpy, mo	141
Oct 15	220255	Tr. 17	1" qtz - carb vein in carb qtz dior trace cpy	62
Oct 15	220256	Tr. 16	shear carb-silc rk with qv some and 2-48 py (rubble)	84
Oct 16	220257	Tr. 17	qtz-carb with 1-28 py (silc. Dior)	429
Oct 16	220258	Tr. 17	Silc. Dior, 18 py	51 (1090 ppm Cu)
Oct 16	220259	Tr. 8	1/8 cpy cherty rhyo with 2-58 py	89

Shipped to Swastika, Oct 26, 1994
 - All Samples are grab samples

P. Lassila Samples ⁽²⁾
 Dorothea Gold; C/m 1196572
 + C/m 1202232

Date	Sample No.	Location	Description	Results
Oct. 22	220202	Tr. #11	fractured dacite 1" qtz vein mass clots py few splashes py	144 ppb Au 8980 ppm Cu
Oct. 22	220203	Tr #5	intermed vblc 2-4% py, some qv veinlets	10 ppb Au
Oct. 22	220204	Tr. #7	4" qv, 2% py	209 ppb Au
Oct. 22	220206	Tr #1	Altered qtz Dior weak carb 5% olots disem. py	72 ppb Au
Oct 22	220208	Tr #1 "min" qtz vein.	'marbled' fractured qtz with 5-8% py 6" vein	110 ppb Au

Total 17 grab samples

Swastika Cert. 4W - 2590-RG1
 4W 2716-RG1



Swastika Laboratories

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Established 1928

Assaying - Consulting - Representation

Geochemical Analysis Certificate

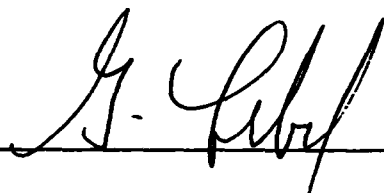
4W-2590-RG1

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

Date: OCT-21-94

We hereby certify the following Geochemical Analysis of 12 Rock samples submitted OCT-18-94 by .

Sample Number	Au PPB	Au check PPB	Au oz/ton	Cu PPM
25768	5966		0.174	- Tr 3
25769	370	336		- Tr 3
25770	17			- Tr 3
25771	55			- Tr 4
220252	82			2540 Tr 18
220253	3			- Tr 18
220254	141			- Tr 17
220255	62			- Tr 17
220256	34	41		- Tr 16
220257	439	429		- Tr 17
220258	51			1090 Tr 17
220259	89			- Tr 8

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

Geochemical Analysis Certificate

4W-2716-RG1

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

Date: NOV-01-94

We hereby certify the following Geochemical Analysis of 5 Rock samples submitted OCT-27-94 by .

Sample Number	Au PPB	Au Check PPB	Cu PPM	
220202	144	134	8980	Tr #11 Qv cp4, py
220203	10	-	-	Tr #5 Qv veins, py
220204	209	192	-	Tr #7 rusty Qv
220206	72	-	-	Tr #1 carb py
220208	110	-	-	Tr #1 Main Qv

Certified by

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

Telephone (705) 642-3244

FAX (705) 642-3300



Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Established 1928

Geochemical Analysis Certificate

4W-4050-RG1

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

Date: DEC-07-94

We hereby certify the following Geochemical Analysis of 5 Rock samples submitted DEC-02-94 by .

Sample Number	Au	Au Check	Au	Au Check
	PPB	PPB	oz/ton	oz/ton
220246	3429	3703	0.100	0.108
220248	7543	5897	0.220	0.172
220249	6583	-	0.192	-
220250	40457	38537	1.180	1.124

The above 4 ^{grab} samples are the last 1994 samples taken. They are all from Trench 10 (Map 2), about 20 m west of the earlier 1994 gold discovery in this location. All samples consist of quartz veining and splay stringering in a shatter zone of felsic volcanics.

P. Lassila
Jan. 21, 1995

Certified by *J. Leby*

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

INVOICE

NO 31256
DATE 10-24-94
PAGE 1 of 1

SOLD TO

SHIP TO

P. Lassila
General Delivery
Beardmore, Ontario
POTIGO

Same

GST Number: R132862640

ITEM NO	QUANTITY	UNIT	DESCRIPTION	G	P	UNIT PRICE	AMOUNT
12		Code 3	Au	3			96.00
2		Code 1	Cu	3			5.00
12		Code 4	Sample Prep	3		3.000	36.00
			Cert #4W-2590-RG1				
			Transportation Charges	4			16.05
			3-GST @ 7 %, Excluded				9.59
			4-GST @ 7 %, Included			1.05	
<i>Paid \$162.64</i>							
COMMENTS:						TOTAL	162.64
Net. 30 Days							

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

INVOICE

NO 31376
DATE 11-04-94
PAGE 1 of 1

SOLD TO

SHIP TO

P. Lassila
General Delivery
Beardmore, Ontario
POTIGO

Same

GST Number: R132862640

ITEM NO	QUANTITY	UNIT	DESCRIPTION	G	P	UNIT PRICE	AMOUNT
5		Code 1	Au	3		8.000	40.00
1		Code 1	Cu	3		2.500	2.50
5		Code 4	Sample Prep	3		3.000	15.00
			Cert #4W-2716-RG1				
			3-GST @ 7 %				4.03
<i>Paid Nov 18/94 61.53 #112</i>							
COMMENTS:						TOTAL	61.53
Net 30 Days							

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

INVOICE

NO 31756
DATE 12-07-94
PAGE 1 of 1

SOLD TO

P. Lassila
General Delivery
Beardmore, Ontario
POTIGO

SHIP TO:

Same

GST Number: R132862640

ITEM NO.	QUANTITY	UNIT	DESCRIPTION	G	P	UNIT PRICE	AMOUNT
	5	Code 1	Au	3		8.000	40.00
	5	Code 4	Sample Prep	3		3.000	15.00
			Cert #4W-4050-RG1				
			Transportation Charges	4			12.30
			3-GST @ 7 %, Excluded				3.85
			4-GST @ 7 %, Included			0.80	
COMMENTS:						TOTAL	71.15
Net 30 Days							

GREYHOUND COURIER EXPRESS

GREYHOUND LINES OF CANADA LTD.

a Dial Corp company

GST: R102200136

CONSIGNEE ACCT. NO.	SERVICE OPTIONS		
	STATION TO STATION <input type="checkbox"/>	DOOR TO DOOR <input type="checkbox"/>	NBO <input type="checkbox"/>

DESTINATION STATION (LABEL)
EXPRESS RECEIPT (NON-NEGOTIABLE)

DESTINATION STATION - CITY SWASTIKA ONT		CONSIGNEE ACCT. NO. 13200089125	TIME 1510G	DATE SHIPPED MONTH 9 DAY 17 YEAR 1974
CONSIGNEE SWASTIKA LABORATORIES LTD.		CONSIGNEE PHONE NO.	DIMENSIONS 3 Pieces L <input type="checkbox"/> IN. W <input type="checkbox"/> CM. H <input type="checkbox"/> CM.	PICKUP DRIVER DELIVERY
STREET ADDRESS 1 CAMERON AVE		POSTAL CODE R6K 1T0	TARIFFACTUAL WT. 42 <input checked="" type="checkbox"/> LBS. <input type="checkbox"/> KG.	EXPRESS CHARGE \$ 15 00
NO. PCS. 3	DESCRIPTION BOXES	CUST. REFERENCE NO.	MISC.	
SHIPPER'S NAME Pentti Lassila		LIABILITY LIMITED TO \$ 50.00 FOR LOSS OR DAMAGE HOWSOEVER OCCASIONED UNLESS A GREATER VALUE DECLARED AT TIME OF SHIPPING.		PICKUP CHARGE
STREET ADDRESS PO Box 164, Brantmore Ont		TELEPHONE NO.		DELIVERY CHARGE
ORIGIN - CITY	PROV.	POSTAL CODE	SHIPPER'S SIGNATURE <i>Pentti Lassila</i>	G.S.T. 1 05
				TOTAL COLLECT \$ 16 05

of
Northern Development
and Mines

Application to Record Staked Mining Claim(s) Mining Act

Received Stamp
MINING DIVISION
RECEIVED
OCT 21 1994 P.M.
7 | 8 | 9 | 10 | 11 | 12 | 3 | 4 | 5

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

Please Print Using Ink or Type

Name of Applicant PHILIP HOUGHTON	Transaction No. R9440-489
Address: Street, City/Town/Village, Province, Postal Code Box 164 BEARDMORE ONT POT 160	Licence No. E 32853 / 146061
Name and Address for Service in Ontario: (Required if Applicant Resides Outside of Ontario)	Telephone No. (807) 875-2604

Name of Recorded Holder: T60 R9440-490 FRANK HOUGHTON 50%	Telephone No. 875-2604	Client No. 146058
<input type="checkbox"/> same as above or PENITE LASSELLA 50%	(905) 687-4429	157595
Address: Street, City/Town/Village, Province, Postal Code FRANK HOUGHTON BOX 164 BEARDMORE ONT POT 160		
Name and Address for Service in Ontario: (Required if Recorded Holder Resides Outside of Ontario) P. LASSELLA 68 ALBERT CRESCENT AJAX ONT L1S 2Y3		

Mining Division		Township(s) or Area(s) (Show Plan No.)		Staking			Office Use
Claim Number	Tag Number	No. of 16 Ha. Units Per Claim	Description of Staking in Subdivided Township (Lot No., Concession No., Section of Lot)	Post No.	Date	Time	
1	1202232	4		Commenced #1	SEPT 30 1994	10 AM	
				Completed #4	SEPT 30/94	4 PM	
				Commenced			
				Completed			
				Commenced			
				Completed			
				Commenced			
				Completed			
				Commenced			
				Completed			
				Commenced			
				Completed			
				Commenced			
				Completed			

RECORDED
OCT 21 1994
 Receipt _____

GST # R124668666

MINISTRY OF
NORTHERN DEVELOPMENT
AND MINES

10-21-94 #2576

#1202232
1X 40.80
CLAIM 2-6 40.80
18
TOTAL 40.80
CHECK 40.80
CHANGE 0.00

ITEM 1
1949 11:37 AM

Claim No: TB 1202232
Status: Active

Due Date: 96/OCT/21 | Recorded: 94-OCT-21
Work Required: 1600 | Staked: 94-SEP-30 16:00

Total Work: 0 | Description of Claim:
Total Reserve: 0 | POPLAR POINT (G-0116)
Present Work Assignment: 0 |
Claim Bank: 0 | Claim Units: 4
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/OCT/21		RECORDED BY HOUGHTON PHILIP FRANKLYN (E32853) R9440.00489
STAKER	94/OCT/21		HOUGHTON PHILIP FRANKLYN (146061) R9440.00490 RECORDS 50.00 % IN THE NAME OF HOUGHTON FRANKLIN ALFRED (146058)
STAKER	94/OCT/21		HOUGHTON PHILIP FRANKLYN (146061) R9440.00491 RECORDS 50.00 % IN THE NAME OF LASSILA PENTTI (157595)

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

*** End of Abstract ***

①

Work Log.

1994

Lassila OPAP # OP94-260
"Dorothea Gold" Property,
Dorothea Twp.

Aug 22 Prospecting east. hillside area; found shear zone and some small mineralized qtz veins not much outcrop to the west - need bulldozer work to obtain better exposure for viewing and sampling. (Location ① on map)

Aug 31 Wrote letter to Ed. Solonyka for request to transfer up to \$5000 1994, OPAP funds to explore "Dorothea Gold" property. (50% F. Houghton, 50% P. Lassila ownership) Request was accepted.

Sept. 6 (Truck inoperable) Planned joint venture Houghton-Lassila exploration of Dorothea Gold; Photocopy airphoto & enlarge for field work; copies of MNR AEM survey over area; copies of geology map, old claims, Laird reported showings (1986 map). set up priorities of areas to be investigated. Also forwarded notarized transfer of 50% interest to P. Lassila to mining recorder.

Sept. 11 prospecting west of location ① just south of claim boundary. Found few outcrops near boundary - one with carbonatization of felsic rocks. Flagged area for bulldozer stripping. All sand hill to south toward road. One small outcrop near road - fractured rhyolite. (wet day) (Location 2)

Sept. 14 prospecting area near ^{old} road to southwest - marked few ^{old} locations for dozer stripping - fractured to brecciated felsic rocks with up to 38 py observed. (Location 3)

9 days

②

Work Log

1994 OPAP # OP94-260
P. Lassily; "Dorothea Gold" Property
Dorothea Twp.

sept. 15

prospecting further SW close to old road
sand & swampy to SW, sandy upland to NW
Location 4

sept. 16

prospecting east along E W claim line
(south boundary claim 1196527), turn north
then west back to old road. Mainly sand
and swamp; some felsic fractured flows
to the NW part of traverse. no samples
(Traverse A on map)

Sept. 17

prospecting south from old road and then
back north. Found gabbroic outcrops about
 $\frac{1}{2}$ way south along traverse. no samples.
(Traverse B on map)

*

Sept. 18

Day off; rain

Sept. 19

prospecting both sides of NNW draw — hard
day, mountainous rough ^{and overmature timber} country — much OC —
all felsic volcanics — mainly fractured with py.
few small qtz veinlets — nothing interesting, no samples
(Location 5)

sept. 20

other work

sept. 21

prospecting traverse to south along ^{east} claim line
then back north. no outcrop except
some polymictic conglomerate exposures
at south end of traverse (Traverse C)
(wet day) no samples

sept. 22

prospecting traverse to south and back up
to north. Zone of gabbroic rocks
half south along trav., few small
qtz veinlets, one outcrop iron formation.
no samples (Traverse D)

sept. 23

rain flogged ^{bulldozer} access route from east
clm boundary west to ^{MS} draw, by-passing
wet areas; $\frac{2}{3}$ day. Made prospecting sketch map in PM $\frac{1}{3}$ day
MAP #1

8 days

(3)

work Log

1994

OPAP # OP94-260
"Dorothea Gold" property
Dorothea Twp.

Oct. 3 prospected north central part of property, discovered "Hillside Zone"
- qtz. veining with py and minor cpy.
took 4 samples (location 6)

Oct. 4 rain examine, describe, record and ship
in AM Lassila-Houghton samples AM.
P.M. prospect hillside on south side of location #3. Fractured felsic volcs. one OC minor diorite — ~~to be~~ flagged for bulldozer trenching. (location 7)

Oct. 8 stripping with bulldozer in east hillside area: Exposed qtz and silicified rock with py mineralization; also silicified carbonatized alteration zone with py mineralization, some gvs.
(Tr 3, Tr 4)

(Report) work Oct. 9 snowing; compiled daily work log from field notes. Made sketch to update prospecting.

Also made claim map, Location Map, & photocopied Scopes
Oct. 10-13 other work for report purposes

Oct. 14 bulldozer trenching to 1½ m. deep at gossan zone. red-rusty broken rubble in fractured to brecciated felsic volc. with up to 5% py. (Tr 8)
also stripping along dozer route (Tr 9, Tr 11, Tr 12)
- felsic fractured rocks with py.
(took 1 sample)

5 days field work
(1 day report work)

5 days

④

Work log

1994 OPAP #OP94-260
P. Lassila; "Dorothea Gold"
Dorothea Twp.

Oct. 15 bulldozer stripping at west hill zone
Fractured rhyodacite with py, minor qvs,
diorite shear located. (Tr 17, Tr 18)
(took 5 samples)

Oct. 16 bulldozer stripping at west hill zone
over carbonatized diorite, partly
mineralized with py, few small clots
cpy, few splashes mo. (Tr 16, Tr 17)
(took 3 samples)

Report
work

Oct. 18

rain. described, recorded, & shipped
rock samples for assay with
F. Houghton
Lassila 12 samples
Houghton 17 samples
made sample description list for OPAP

Report
work

Oct 19

(Rain day)
Made sketch map of prospecting
areas (Oct 9 - Oct 17 update),
also put on bulldozer stripped areas
to date, put on sample locations.

Oct. 20

prospecting west hill zone, found felsic
volcanics, mainly fractured rk. some py (Location 7)
also located old drill site above cliff (helicopter pad).

Oct. 21

VLF traverse 350 m hipchained, compass
flagged (Line 0100) N-S across old road
in NE
prospected NE corner of property, found
large shear system (065°) in rhyo-beeccia.
small qvs, carb, sericite, flagged for Dozer trenching.
(Location # 8) ?

5 days field work
2 days report work

⑤ Work Log: 1994 Lassila OPAP # OP94-260
"Dorothea Gold" Property
Dorothea Twp

Oct. 22 Bulldozer stripping Large shear zone
in N. E. Heavy shearing with sericite,
minor carbonatization; qtz-diorite with py
qtz - with 2-10% py assoc. (Tr. #1)

walked out bulldozer from property
- raining & sleet in PM
- access road with truck has bad
mudholes - got stuck - dozer pulled truck out
- can't fix the road with dozer due to
very muddy wet conditions.

End Field work.

took 4 samples 1 at Tr #11, 1 at Tr #5
1 at Tranch #7, 1 at Tr #1

Report
work

Oct. 25 Made Location Map 3 of
all the Bulldozer stripping Locations
Dotted VLF Map #4
Updated all data on Map 2

Recorded, listed, described, packaged
last batch of samples to be
shipped to Swastika with
Frank Houghton's samples
Marked Locations on Map 2.

Work Log. Lussila OPAP 0994-260
"Dorothea Gold" Property

Nov. 25 Write report, Assemble (cut & glue)
Maps (5 copies - 2 OPAP,
2 Asses. Credit, 1 Lussila, 1 Houghton)

Nov. 26. Review & make corrections
- check all data, - assays, costs
maps, dates, etc. - make
sure all aspects are properly
included in all 6 copies of
report. Assemble everything.
(Only report copies remain to
be photocopied).

see work Summary next page

1994 Lassila OP94-260

"Dorothea Gold" Property
Dorothea Twp.

P. Lassila Work Summary

	<u>days</u>
Prospecting: Aug. 22	1
Sept. 6, 11, 14, 15, 16, 17	
19, 21, 22, 23	10
Oct. 3, 4, 20, 21	4
Total	15
Supervise Bulldozer: Oct. 8, 14, 15, 16, 22	5
Trenching (also prospect stripped areas)	20
Report work Oct. 9, 18, 19, 25	
Nov. 25, 26	6
	26 days

Dorothea Gold Property

1994 P. Lassila Exploration Costs

<u>Aug 23 - Oct 22</u>	<u>Replacement Cost</u>	<u>10 falls flagging</u>	<u>27.00</u>
<u>Aug 22 - Oct 22</u>	" "	<u>Market Pans</u>	<u>10.00</u>
<u>Aug 22 - Nov 27</u>	" "	<u>Drafting Materials</u>	<u>20.00</u>
<u>Nov 27</u>	<u>Municipality of Beardmore</u>	<u>Photocopying</u>	<u>73.25</u>
		<u>(Sweeping rpt forms)</u>	
<u>Nov 25</u>	<u>F. Haughton</u>	<u>barilla partition Bulldozer Costs</u>	<u>1500.00</u> ⊕
<u>Nov 18</u>	<u>Smartika labs</u>	<u>assays</u>	<u>51.53</u> *
<u>Nov 24</u>	<u>Smartika labs</u>	<u>Assays</u>	<u>162.24</u> *
<u>Dec 07</u>	<u>Smartika labs</u>	<u>Assays</u>	<u>71.15</u> *
<u>Aug 16 - Nov 26</u>	<u>26 days food and accommodation</u>	<u>at Beardmore Pit</u>	<u>1090.00</u> *
			<u>264.00</u> "
<u>(Project 2)</u>	<u>Total Dorothea Gold</u>	<u>Property Expenses</u>	<u>3329.17</u>

⊕ - sep. assess rpt. - Physical ~~Assess~~ Work

* - sep. assess rpt. - Assays

" - 20% applicable

Reçu de / Received from Frank Houghton Nov 1 1994

Three thousand eight hundred 100 Dollars
+ eighty four 10.

Dorothea Gold Inc. 187

\$ 3884.10 No. _____

No. d'enrg. taxe _____
 Tax Reg. No: _____

Alber Equipment



NELCO EQUIPMENT
 757425 ONTARIO INC.

BEARDMORE, ONTARIO POT 1G0
 TELEPHONE (807) 875-2170

FRANK HOUGHTON + PENTI LARSILAY
 BEARDMORE ONT POT 1G0

Date: OCT 26/94

Your Order No.:

INVOICE

Our Order No.:

No. 187

Sales Tax No.:

OCT 22

DOROTHEA GOLD PROPERTY

STRIPPING - D6 DOZER SERVICES

54 hrs @ \$65

3510.00

FLOAT CHARGES

120.00

3630.00

GST 122102965

254.10

\$ 3884.10

Thank You

Houghton - ~~Mortaba~~ ("Dorothea Gold")

Date	Tractor hrs.	operator hrs. - <u>LYLE HOLT</u>
Oct 8/94 10-6 = 8 hrs.	8 hrs.	8 hrs.
Oct 12/94 10:30-4:30	6 hrs.	7 hrs. (1-hr. grease + checks oil levels.)
Oct 13/94 4: -6:	9 hrs.	9 hrs.
Oct 14/94 10:50-6:30	8 hrs.	8 hrs.
Oct 15/94 9:30-6:	8.5 hrs.	8.5 hrs.
Oct 16/94 12: -6:	6 hrs.	8 hrs. (2 hrs. Repairs to exhaust system)
Oct 24/94 9:30-6:	8.5 hrs.	8.5 hrs.

Total hrs 54
Caterpillar
D & C Bulldozer

\$50/hr + GST

57

Lyle Holt. General Delivery

Beardmore, Ont.

POT 160

\$15/hr + GST

15 + 50 = Total 65/hr

MR. PENTTI LASSILA
68 ALBANY CRES.
AJAX, ON L1B 2Y3

116
Nov 27 1994

PAY TO THE ORDER OF F. Houghton \$ 93.17
ninety-three / 17 / 100 DOLLARS

THE BANK OF NOVA SCOTIA
BEARDMORE, ONTARIO P0T 1G0

For photocopy cards
of Maps for M.B.M. Assoc.

(S. Holden Reproductions)

116 11 50 18 7 00 21 88 5 13 25

P. Lassila

SRC

SHEL/DON REPRODUCTION CENTRE LTD.
SUITE 107 - WEST ARTHUR PLACE
1265 EAST ARTHUR STREET
THUNDER BAY, ONTARIO P7E 6E7
PHONE (807) 623-1371
FAX (807) 623-5800

NAME Frank Houghton DATE Nov 25 1994

ADDRESS _____

QUANTITY	DESCRIPTION	AMOUNT
6	36x48 bond	200
3	36x48 blue-line	900
<i>paid cash</i>		
TOTAL		81.00
GST. R104978184		5.69
SUB-TOTAL		
PST		6.48
GRAND TOTAL		93.17

CLERK	CASH	C.O.D.	CHARGE	ON ACCT	MISC. RETD.	PWD OUT
-------	------	--------	--------	---------	-------------	---------

SYSTEMS BUSINESS FORMS LTD. - 1-72850

101541

Receipt

Nov. 25, 1993

This is to acknowledge that
I, F. Houghton, received \$1500 from
P. Lassilo for payment of Part
of the Bulldozer work completed between
Oct. 8, 1994 and Oct. 22, 1994 on the
"Dorothea Gold" Property, Dorothea Twp., Ont.

F. Houghton
~~Frank Houghton~~

ON THE
LANDS IN

SANDRA TR.
G-167

DOROTHEA

FOR STATUS REFER TO TR PLAN

42'

Houghton - Lassila
Dorothea Gold
Property

Staked Sept. 30/94
Recorded Oct. 21/94
508 Lassila, 508 Houghton

AREA

POPLAR POINT

M.N.R. ADMINISTRATIVE DISTRICT
NIPIGON

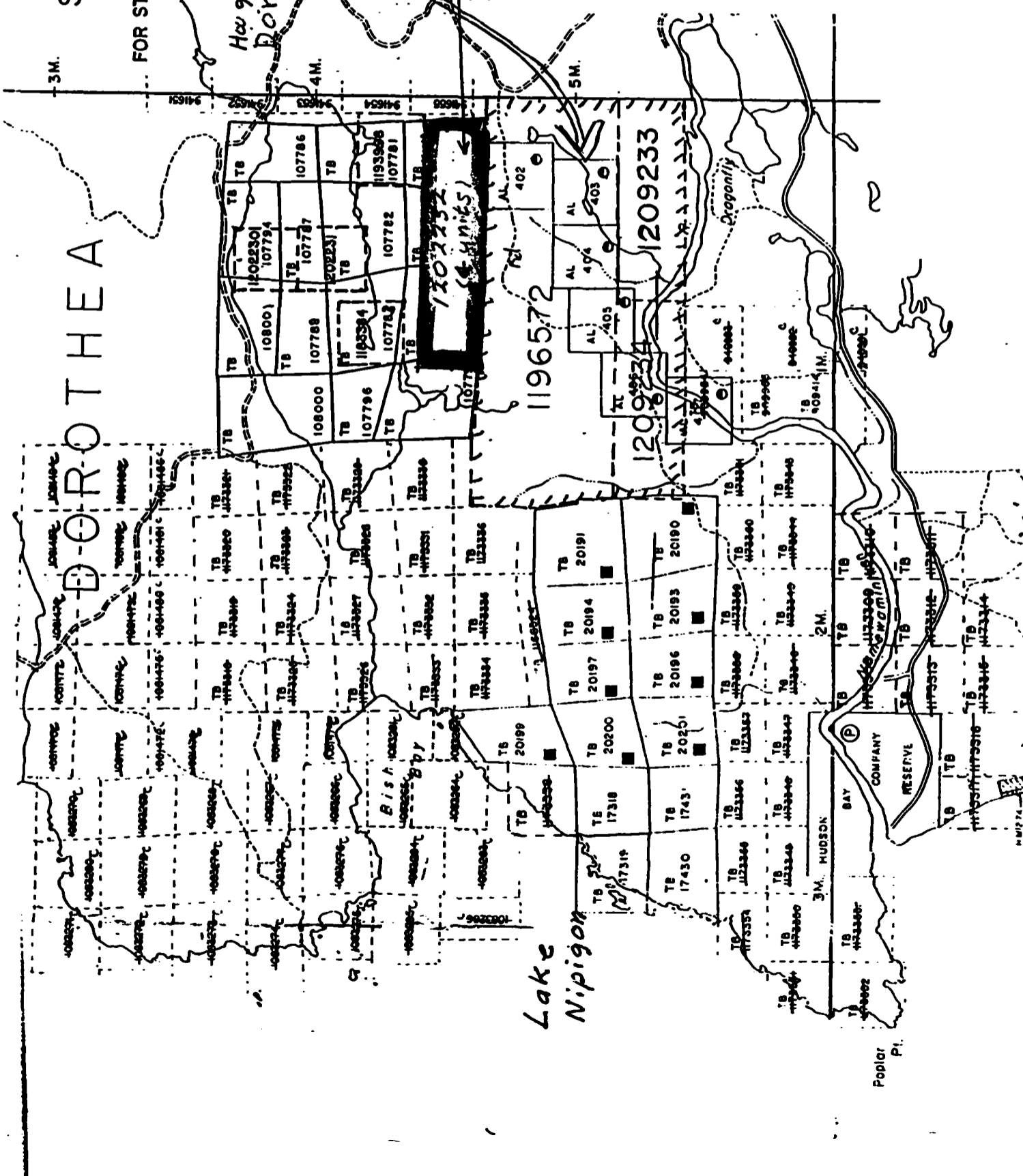
MINING DIVISION
THUNDER BAY
LAND TITLES / REGISTRY DIVISION
THUNDER BAY

RECEIVED
THUNDER BAY
MINING DIVISION

94 AUG 25 AM 8 42

CLAIM MAP

Figure 2



Poplar
Pt.

Transfer of Unpatented Mining Claim(s)

Mining Act

Transaction No. **19440-37**

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

I, **Frank A Houghton** (client number **146058**) the recorded holder of **100** % interest, in consideration of **one** dollars or other valuable consideration paid to me, hereby transfer **50** % interest in (**3**) mining claim(s) numbered: **1196572, 1209234, 1209233**

(claim numbers must be listed separately; attach schedule if required)
in **Claim No. 10618 (G-116)** to **Pentti Lassila** as transferee (specify township or area)

Transferee's Address **68 Albery Cres., Ajax Ont**
Transferee's Telephone No. **(905) 683-4429**
Transferee's Client Number **157595**

Dated at **BEARDMORE** this **6** day of **AUGUST** **1994**

Signature of Witness **[Signature]**
Signature of Transferor **[Signature]**

Note: 1. The transfer must not be dated and executed before the date of recording of the mining claim.
2. If the transferee is not a resident of Ontario, show here the name of the person who is a resident of Ontario upon whom service may be made.

Name _____
Residence in Ontario _____
Mailing Address in Ontario _____

Affidavit of Subscribing Witness

I, **ANA GODIHO**, of the **TOWNSHIP** of **BEARDMORE**, in the **DISTRICT** of **THUNDER BAY** make oath and say (or affirm):

1. I was personally present and did see the attached instrument signed and executed by **FRANK HOUGHTON** one of the parties of the instrument.
2. The attached instrument was executed at **BEARDMORE MUNICIPAL OFFICE**
3. I know the above-mentioned party.
4. I am a subscribing witness to the attached instrument.

Sworn (or affirmed) before me at **MUN. OFF.** in the **TOWNSHIP** of **BEARDMORE** this **6** day of **SEP** **1994**

Signature of Witness **[Signature]**
Commissioner/Notary Public **[Signature]**

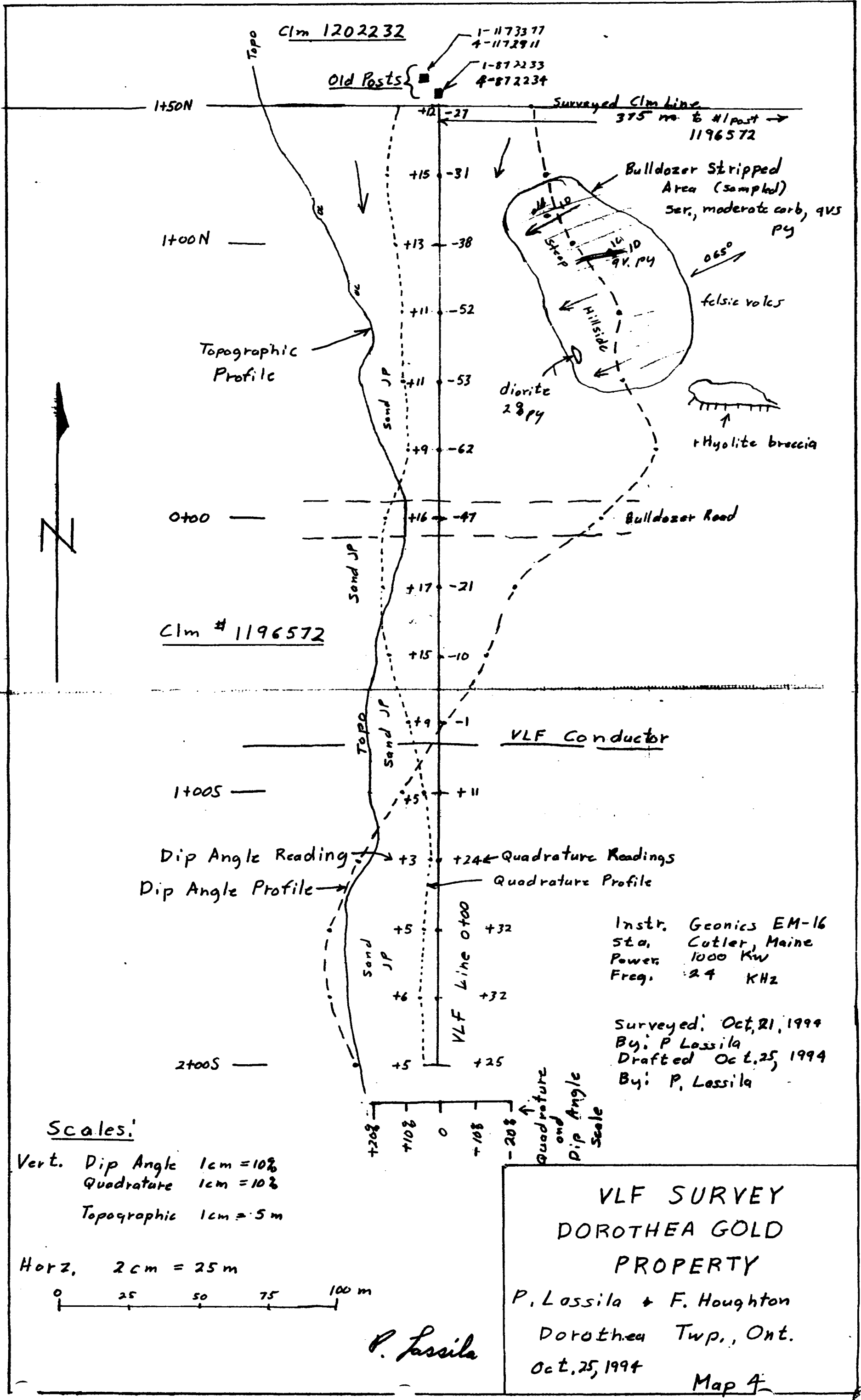
- Note: 1. The subscribing witness must be a person other than the transferee.
2. The commissioner or notary public must be a person other than the transferee.
3. The signature and affidavit of a subscribing witness is not required if the transferor is a corporation and the corporate seal is affixed over the signature of an officer of the corporation on the transfer document.

For Office Use Only

RECEIVED
THUNDER BAY
MINING DIVISION

SEP 8 AM 10 36

RECORDED
SEP 8 1993
Receipt



Scales:

Vert. Dip Angle 1cm = 10%
 Quadrature 1cm = 10%
 Topographic 1cm = 5m

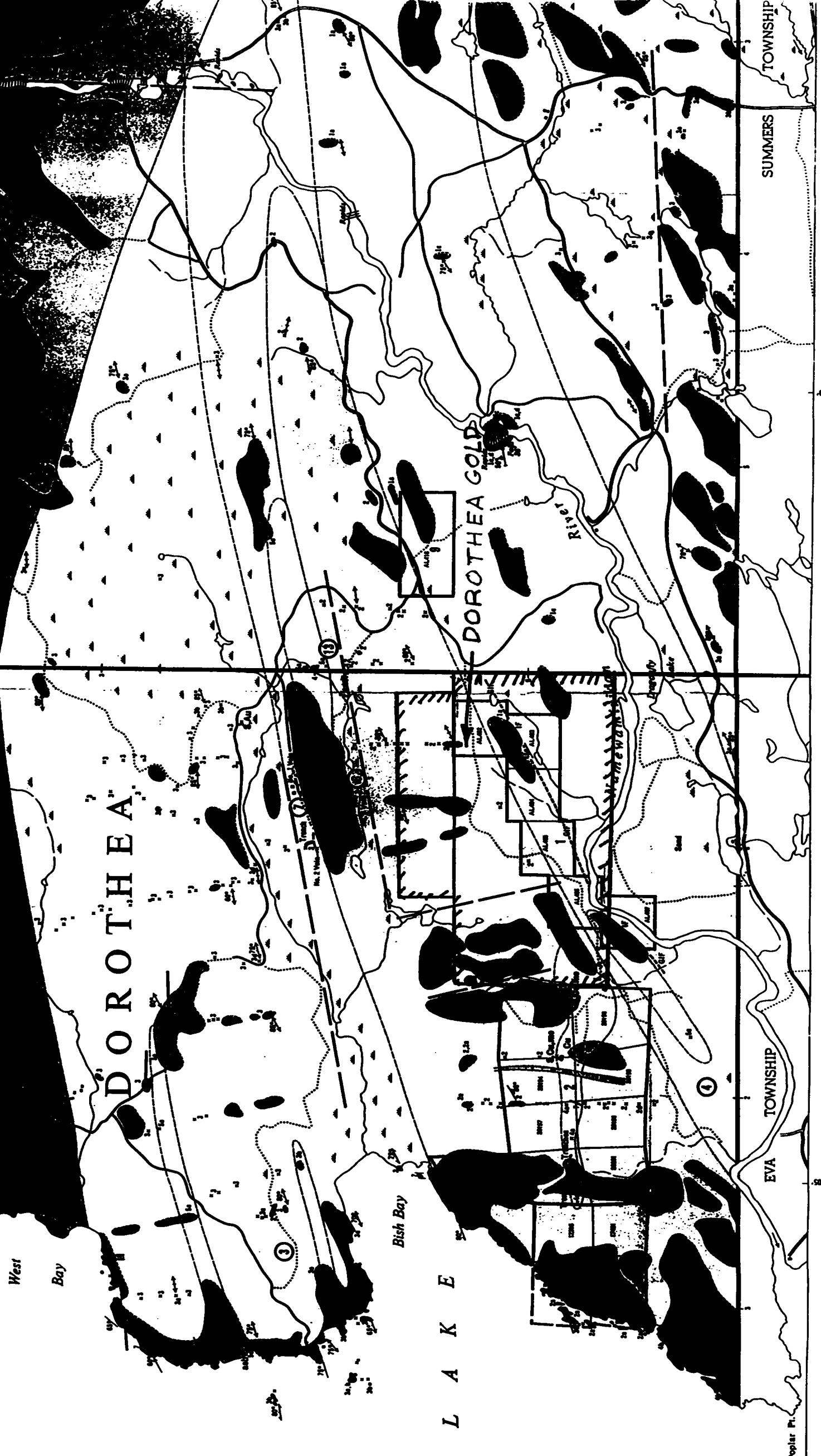
Horz. 2cm = 25m

0 25 50 75 100 m

VLF SURVEY
DOROTHEA GOLD
PROPERTY
 P. Lassila & F. Houghton
 Dorothea Twp., Ont.
 Oct. 25, 1994
 Map 4

P. Lassila

N I P I G O N

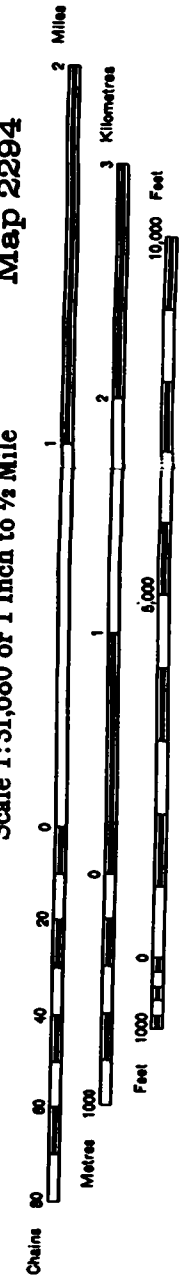


- PLEISTOCENE**
Sand, gravel, clay.
- UNCONFORMITY**
- PRECAMBRIAN^b**
LATE PRECAMBRIAN (PROTEROZOIC)
MAFIC INTRUSIVE ROCKS
- 7 Diabase.
- INTRUSIVE CONTACT**
- 6 Porphyritic diabase.
- INTRUSIVE CONTACT**
- EARLY PRECAMBRIAN (ARCHEAN)**
MAFIC INTRUSIVE ROCKS
- 5 Unsubdivided.
 - 5a Diorite, quartz diorite.
 - 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**
MAFIC METAVOLCANICS
- 3 Unsubdivided.
 - 3a Amygdaloidal lava.
 - 3b Pillow lava.
 - 3c Volcanic breccia.
 - 3d Tuff and tuffaceous schists.
- INTRUSIVE CONTACT**
- 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	spc	Specularite
me	Molybdenite		

Scale 1:31,680 or 1 Inch to 1/4 Mile

Map 2284



GENERAL GEOLOGY MAP

Figure 3



Report of Work Conducted After Recording Claim
Mining Act

Transaction Number
W9540-47

2.15902

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, P2E 6A5, telephone (705) 670-7264.

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



52H09NE0005 2.15902 DOROTHEA

900

Recorded Holder(s) <i>F. Houghton, Box 164 Beardmore Ont. P0T 1G0</i>		Client No. <i>146058</i>
<i>P. Lassila, 68 Albany Cres., Ajax Ont. L1S 2Y3</i>		<i>157525</i>
Address		Telephone No. <i>683-4429</i>
Mining Division <i>Thunder Bay</i>	Township/Area <i>Dorothea Twp., Poplar Point Map</i>	M or G Plan No. <i>G-116</i>
Dates Work Performed	From: <i>Aug 22, 1994</i> (Field work)	To: <i>Oct. 25/94</i> (P. Lassila work)

Work Performed (Check One Work Group Only)

Work Group	Type
<i>W10 PROSP</i>	<i>Prospecting</i>
Geotechnical Survey	
Physical Work, including Drilling	
Rehabilitation	
Other Authorized Work	SECTION 18 ONLY
Assays	<i>(295)</i>
Assignment from Reserve	

RECEIVED
MAR 13 1995
MINING LANDS BRANCH

Total Assessment Work Claimed on the Attached Statement of Costs \$ *5190*

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
<i>P. Lassila (author)</i>	<i>68 Albany Cres. Ajax, Ont. L1S 2Y3</i>

(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 <i>Feb. 03, 1995</i>	Recorded Holder or Agent (Signature) <i>P. Lassila</i>
--	------------------------------	---

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 <i>Pentti Lassila, 68 Albany Cres., Ajax, Ont. L1S 2Y3</i>		
Telephone No. <i>(905) 683-4429</i>	Date <i>Feb. 03, 1995</i>	Certified By (Signature) <i>P. Lassila</i>

For Office Use Only

Total Value Cr. Recorded <i>5190</i>	Date Recorded	Mining Recorder <i>M. G. Wain</i>	Received Stamp <i>95 FEB 20 02 33 96</i>
Deemed Approval Date <i>May 24/95</i>	Date Approved	MINING DIVISION THUNDER BAY RECEIVED	
Date Notice for Amendments Sent			



Ministry of
Northern Development
and Mines
Ontario

Ministère du
Développement du Nord
et des mines

Statement of Costs
for Assessment Credit

État des coûts aux fins
du crédit d'évaluation

Mining Act/Loi sur les mines

Transaction No./N° de transaction

W9540-47

2.15902

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used to maintain a record and ongoing status of the mining claim(s). Questions about this collection should be directed to the Provincial Manager, Minings Lands, Ministry of Northern Development and Mines, 4th Floor, 159 Cedar Street, Sudbury, Ontario P3E 6A5, telephone (705) 670-7264.

Les renseignements personnels contenus dans la présente formule sont recueillis en vertu de la Loi sur les mines et serviront à tenir à jour un registre des concessions minières. Adressez toute question sur la collecte de ces renseignements au chef provincial des terrains miniers, ministère du Développement du Nord et des Mines, 159, rue Cedar, 4^e étage, Sudbury (Ontario) P3E 6A5, téléphone (705) 670-7264.

1. Direct Costs/Coûts directs

Type	Description	Amount Montant	Totals Total global
Wages Salaires 26 days X 150	Labour Main-d'oeuvre	3900	
	Field Supervision Supervision sur le terrain		3900
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert- conseil	Type Assays	295	
			295
Supplies Used Fournitures utilisées	Type Flagging		
	Markers		
	Drafting materials		
	Photocopying	130	
			130
Equipment Rental Location de matériel	Type		
Total Direct Costs Total des coûts directs			4325

2. Indirect Costs/Coûts indirects

** Note: When claiming Rehabilitation work indirect costs are not allowable as assessment work. Pour le remboursement des travaux de réhabilitation, les coûts indirects ne sont pas admissibles en tant que travaux d'évaluation.

Type	Description	Amount Montant	Totals Total global
Transportation Transport	Type Truck	264	
			264
Food and Lodging Nourriture et hébergement	26 days X 40	1040	1040
Mobilization and Demobilization Mobilisation et démobilisation			
Sub Total of Indirect Costs Total partiel des coûts indirects			1304
Amount Allowable (not greater than 20% of Direct Costs) Montant admissible (n'excédant pas 20 % des coûts directs)			865
Total Value of Assessment Credit (Total of Direct and Allowable indirect costs)		Valueur totale du crédit d'évaluation (Total des coûts directs et indirects admissibles)	5190

Note: The recorded holder will be required to verify expenditures claimed in this statement of costs within 30 days of a request for verification. If verification is not made, the Minister may reject for assessment work all or part of the assessment work submitted.

Note: Le titulaire enregistré sera tenu de vérifier les dépenses demandées dans le présent état des coûts dans les 30 jours suivant une demande à cet effet. Si la vérification n'est pas effectuée, le ministre peut rejeter tout ou une partie des travaux d'évaluation présentés.

Filing Discounts

1. Work filed within two years of completion is claimed at 100% of the above Total Value of Assessment Credit.
2. Work filed three, four or five years after completion is claimed at 50% of the above Total Value of Assessment Credit. See calculations below:

Total Value of Assessment Credit	Total Assessment Claimed
	x 0.50 =

Remises pour dépôt

1. Les travaux déposés dans les deux ans suivant leur achèvement sont remboursés à 100 % de la valeur totale susmentionnée du crédit d'évaluation.
2. Les travaux déposés trois, quatre ou cinq ans après leur achèvement sont remboursés à 50 % de la valeur totale du crédit d'évaluation susmentionné. Voir les calculs ci-dessous.

Valueur totale du crédit d'évaluation	Evaluation totale demandée
	x 0,50 =

Certification Verifying Statement of Costs

I hereby certify:
that the amounts shown are as accurate as possible and these costs were incurred while conducting assessment work on the lands shown on the accompanying Report of Work form.

that as Recorded Holder I am authorized
(Recorded Holder, Agent, Position in Company)

to make this certification

Attestation de l'état des coûts

J'atteste par la présente :
que les montants indiqués sont le plus exact possible et que ces dépenses ont été engagées pour effectuer les travaux d'évaluation sur les terrains indiqués dans la formule de rapport de travail ci-joint.

Et qu'à titre de Recorded Holder je suis autorisé
(titulaire enregistré, représentant, poste occupé dans la compagnie)

à faire cette attestation.

Signature J. Jassibe Date Feb, 03, 1995



Ministry of
Northern Development
and Mines

Ontario

Report of Work Conducted After Recording Claim

Mining Act

Transaction Number

W9540-48

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) <i>F. Houghton, Box 164, Beardmore, Ont. POT 160</i>		Client No. <i>146058</i>
Address <i>P. Lassila, 68 Albany Cres, Ajax, Ont. L1S 2Y3</i>		<i>157595</i>
		Telephone No. <i>(905) 683 4429</i>
Mining Division <i>Thunder Bay</i>	Township/Area <i>Dorothea Twp., Poplar Point Map</i>	M or G Plan No. <i>G-116</i>
Dates Work Performed	From: <i>Oct, 04, 1994</i>	To: <i>Oct, 22, 1994</i>

Work Performed (Check One Work Group Only)

Work Group	Type
Geotechnical Survey	<i>W20 PSTRIP</i>
Physical Work, Including Drilling	<i>Bulldozer stripping and trenching with</i>
Rehabilitation	<i>Caterpillar D6 Bulldozer</i>
Other Authorized Work	
Assays	
Assignment from Reserve	<i>See receipt → + hrs worked</i>

Total Assessment Work Claimed on the Attached Statement of Costs \$ ~~35710~~ *\$3884*

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
<i>P. Lassila (Author)</i>	<i>68 Albany Cres, Ajax Ont. L1S 2Y3</i>
XXXXXXXXXXXXXXXXXXXX	<i>1</i>
<i>Nelco Equipment</i>	<i>Beardmore, Ont. POT 160</i>
<i>Lyle Holt (Dozer Operator)</i>	<i>General Delivery, Beardmore, Ont. POT 160</i>

(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 <i>Feb, 03/95</i>	Recorded Holder or Agent (Signature) <i>P. Lassila</i>
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Certification of Work Report *See W9540-46+47 for 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 <i>Pentti Lassila 68 Albany Cres, Ajax, Ontario L1S 2Y3</i>		
Telephone No. <i>(905) 683-4429</i>	Date <i>Feb, 03, 1995</i>	Certified By (Signature) <i>P. Lassila</i>

For Office Use Only

Total Value Cr. Recorded <i>3884</i>	Date Recorded <i>Feb 20/95</i>	Mining Recorder <i>M.C. Weber</i>	Received Stamp <i>RECEIVED THUNDER BAY MINING DIVISION 95 FEB 20 PM 2 37</i>
	Deemed Approval Date	Date Approved <i>Mar 9/95</i>	
	Date Notice for Amendments Sent		



Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des mines

**Statement of Costs
for Assessment Credit**

**État des coûts aux fins
du crédit d'évaluation**

Transaction No./N° de transaction
W9540-48

Mining Act/Loi sur les mines

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used to maintain a record and ongoing status of the mining claim(s). Questions about this collection should be directed to the Provincial Manager, Minings Lands, Ministry of Northern Development and Mines, 4th Floor, 159 Cedar Street, Sudbury, Ontario P3E 6A5, telephone (705) 670-7264.

Les renseignements personnels contenus dans la présente formule sont recueillis en vertu de la Loi sur les mines et serviront à tenir à jour un registre des concessions minières. Adresser toute question sur la collecte de ces renseignements au chef provincial des terrains miniers, ministère du Développement du Nord et des Mines, 159, rue Cedar, 4^e étage, Sudbury (Ontario) P3E 6A5, téléphone (705) 670-7264.

1. Direct Costs/Coûts directs

Type	Description	Amount Montant	Totals Total global
Wages Salaires	Labour Main-d'oeuvre		
	Field Supervision Supervision sur le terrain		
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert- conseil	Type D 6 Caterpillar		
	Bull dozer		
	operator	3884	3884
Supplies Used Fournitures utilisées	Type		
Equipment Rental Location de matériel	Type		
Total Direct Costs Total des coûts directs			3884

2. Indirect Costs/Coûts indirects

** Note: When claiming Rehabilitation work Indirect costs are not allowable as assessment work.
Pour le remboursement des travaux de réhabilitation, les coûts indirects ne sont pas admissibles en tant que travaux d'évaluation.

Type	Description	Amount Montant	Totals Total global
Transportation Transport	Type		
Food and Lodging Nourriture et hébergement			
Mobilization and Demobilization Mobilisation et démobilisation			
Sub Total of Indirect Costs Total partiel des coûts indirects			0
Amount Allowable (not greater than 20% of Direct Costs) Montant admissible (n'excédant pas 20 % des coûts directs)			
Total Value of Assessment Credit (Total of Direct and Allowable Indirect costs)		Valeur totale du crédit d'évaluation (Total des coûts directs et indirects admissibles)	3884

Note: The recorded holder will be required to verify expenditures claimed in this statement of costs within 30 days of a request for verification. If verification is not made, the Minister may reject for assessment work all or part of the assessment work submitted.

Note : Le titulaire enregistré sera tenu de vérifier les dépenses demandées dans le présent état des coûts dans les 30 jours suivant une demande à cet effet. Si la vérification n'est pas effectuée, le ministre peut rejeter tout ou une partie des travaux d'évaluation présentés.

Filing Discounts

1. Work filed within two years of completion is claimed at 100% of the above Total Value of Assessment Credit.
2. Work filed three, four or five years after completion is claimed at 50% of the above Total Value of Assessment Credit. See calculations below:

Total Value of Assessment Credit	Total Assessment Claimed
	× 0.50 =

Remises pour dépôt

1. Les travaux déposés dans les deux ans suivant leur achèvement sont remboursés à 100 % de la valeur totale susmentionnée du crédit d'évaluation.
2. Les travaux déposés trois, quatre ou cinq ans après leur achèvement sont remboursés à 50 % de la valeur totale du crédit d'évaluation susmentionné. Voir les calculs ci-dessous.

Valeur totale du crédit d'évaluation	Évaluation totale demandée
	× 0,50 =

Certification Verifying Statement of Costs

I hereby certify:
that the amounts shown are as accurate as possible and these costs were incurred while conducting assessment work on the lands shown on the accompanying Report of Work form.

that as Recorded Holder I am authorized
(Recorded Holder, Agent, Position in Company)

to make this certification

Attestation de l'état des coûts

J'atteste par la présente :
que les montants indiqués sont le plus exact possible et que ces dépenses ont été engagées pour effectuer les travaux d'évaluation sur les terrains indiqués dans la formule de rapport de travail ci-joint.

Et qu'à titre de _____ je suis autorisé
(titulaire enregistré, représentant, poste occupé dans la compagnie)

à faire cette attestation.

Signature P. Jassila Date Feb. 03, 1995

'95 FEB 03 PM 37
 MINERAL INVESTMENT
 THOMAS BARR
 REGISTRAR

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

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

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

Our File: 2.15902
Transaction #W9540.00047

March 27, 1995

Mining Recorder
Ministry of Northern Development & Mines
435 James Street South
Suite B003
Thunder Bay, Ontario
P7E 6E3

Dear Mr. Weirmeir:

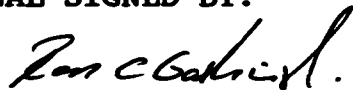
**SUBJECT: APPROVAL OF ASSESSMENT WORK CREDITS ON MINING CLAIMS
1196572 ET AL. IN POPLAR POINT AREA**

Assessment work credits have been approved as outlined on the original report of work form for this submission. The credits have been approved under Section 9, Prospecting, Mining Act Regulations.

The approval date is March 23, 1995. Please indicate this approval on the claim record sheets.

If you have any questions regarding this correspondence, please contact Bruce Gates at (705) 670-5856.

ORIGINAL SIGNED BY:

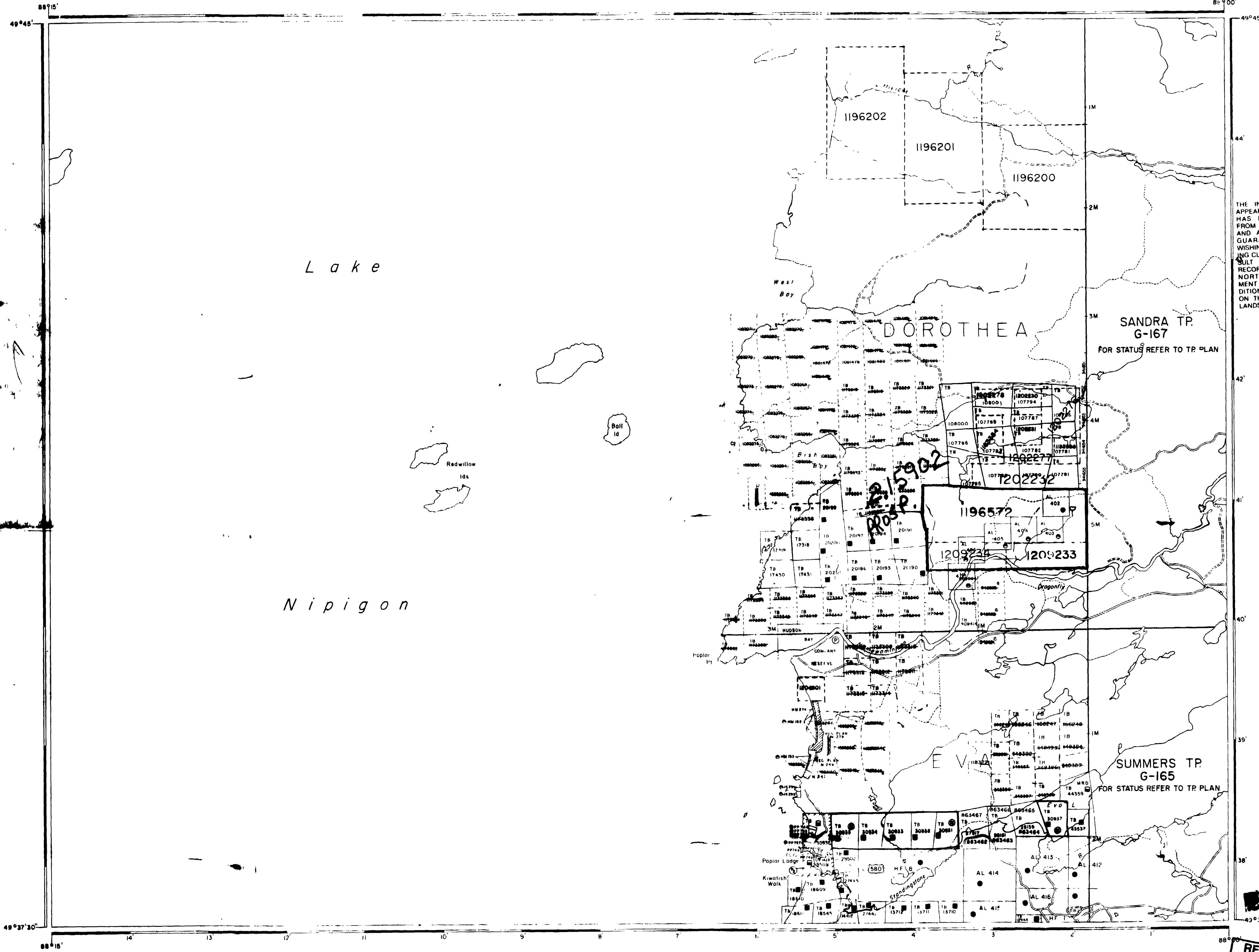


Ron C. Gashinski
Senior Manager, Mining Lands Section
Mining and Land Management Branch
Mines and Minerals Division

 BIG/jl
Enclosure:

cc: Resident Geologist
Thunder Bay, Ontario

✓ Assessment Files Library
Sudbury, Ontario



NOTES

Reserve flooding rights on Lake Nipigon to contour elevation 855' to Ont Hydro O.C dated 25th April 1950. 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. 31 (c)
 M242, M249, M279
 JK298, JK279
 PP744, PP745, PP746, PP747, PP748, PP749.

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

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPIL'D 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 HEREO

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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 SHORE LINE
- 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 1912 VESTED IN ORIGINAL PATENTEES BY THE PUBLIC LANDS ACT R.E.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

Ministry of Natural Resources
 Land Management Branch
 Ontario

Date: FEBRUARY 1981
 No. Service: Apr 3, 1990
 Number: **G-116**

RECEIVED
 MAR 15 1985
 MINING LANDS BRANCH



1202232



1196572

1209234

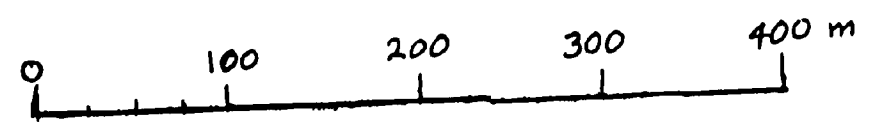
1209233

Namewaminikan River

P. Lassila
Prospecting
Completed up to Sept 23, 1994

P. Lassila

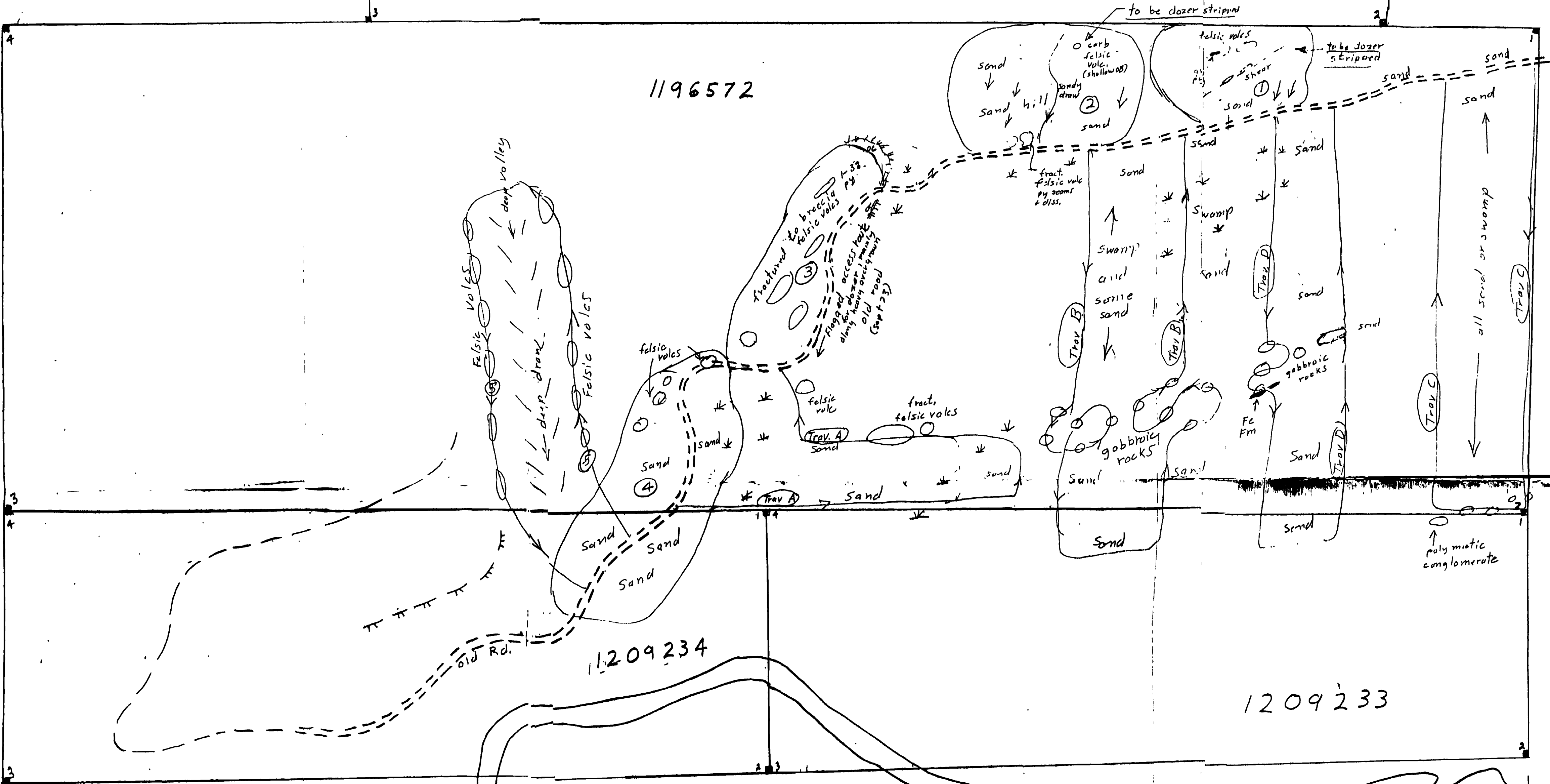
Scale: 1 in. = 100m



PROSPECTING MAP
(P. Lassila work up to Sept. 23, 1994)
**DOROTHEA GOLD
PROPERTY**
Lassila and Houghton
Sept 23, 1994

Dorothea Twp.
Sandra Twp.

MAP #1

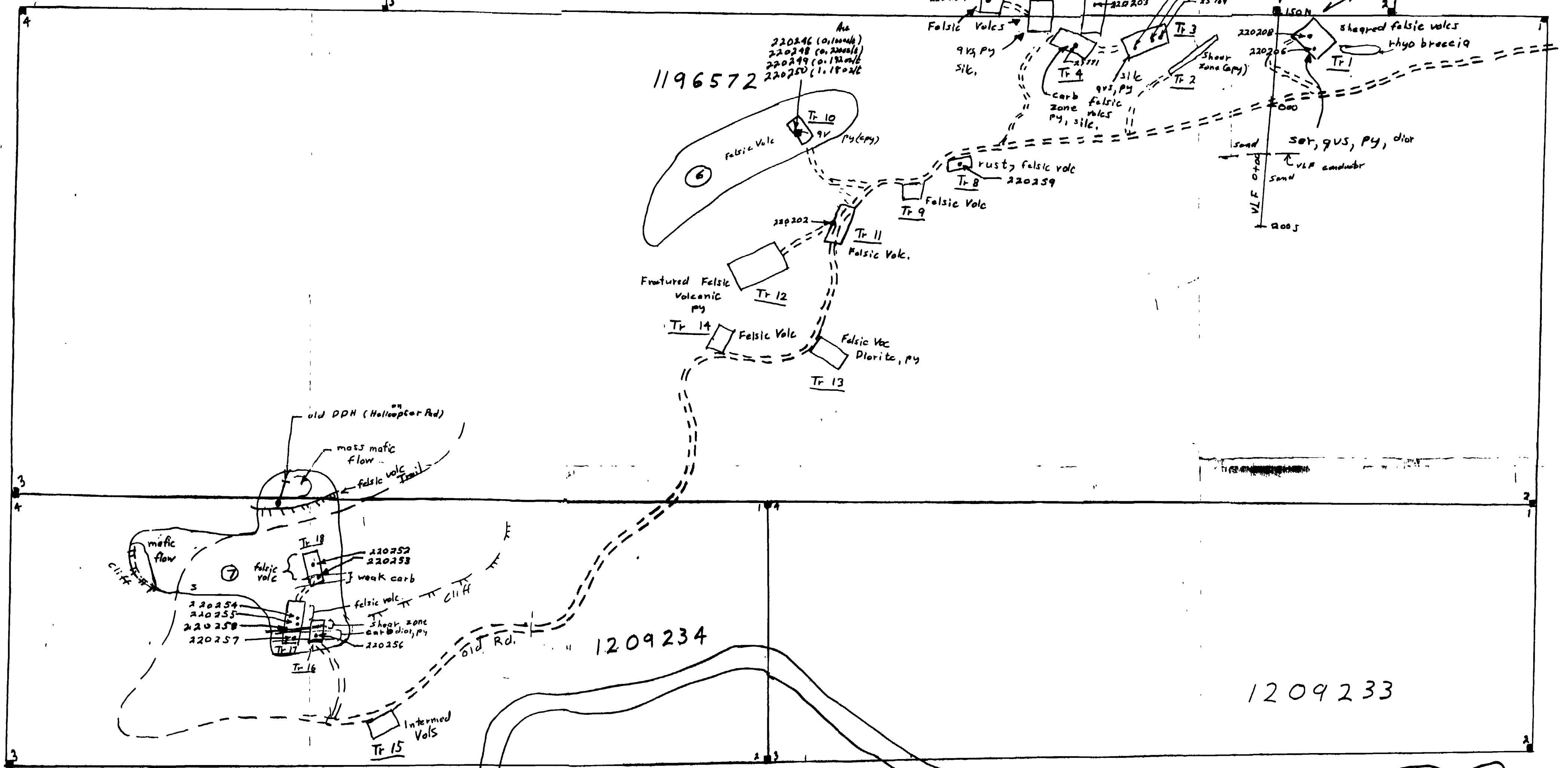


1202232

1196572

1209234

1209233



Prospecting Area #6 (see daily log)

220256 assay sample

Tr 17

Bulldozer stripped Trench #17

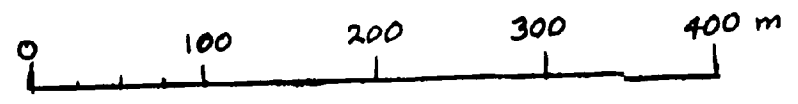
==== Bulldozer Route

Also shows sample locations

Data compiled (updated) Oct. 9, Oct. 19, Oct. 23

P. Lassila Prospecting and Bulldozer stripping Completed between Sept. 24, 1994 and Oct. 22, 1994

Scale: 1 in. = 100 m



PROSPECTING, BULLDOZER STRIPPING AND SAMPLING DOROTHEA GOLD PROPERTY (Lassila and Houghton)

Dorothea Twp Sandra Twp

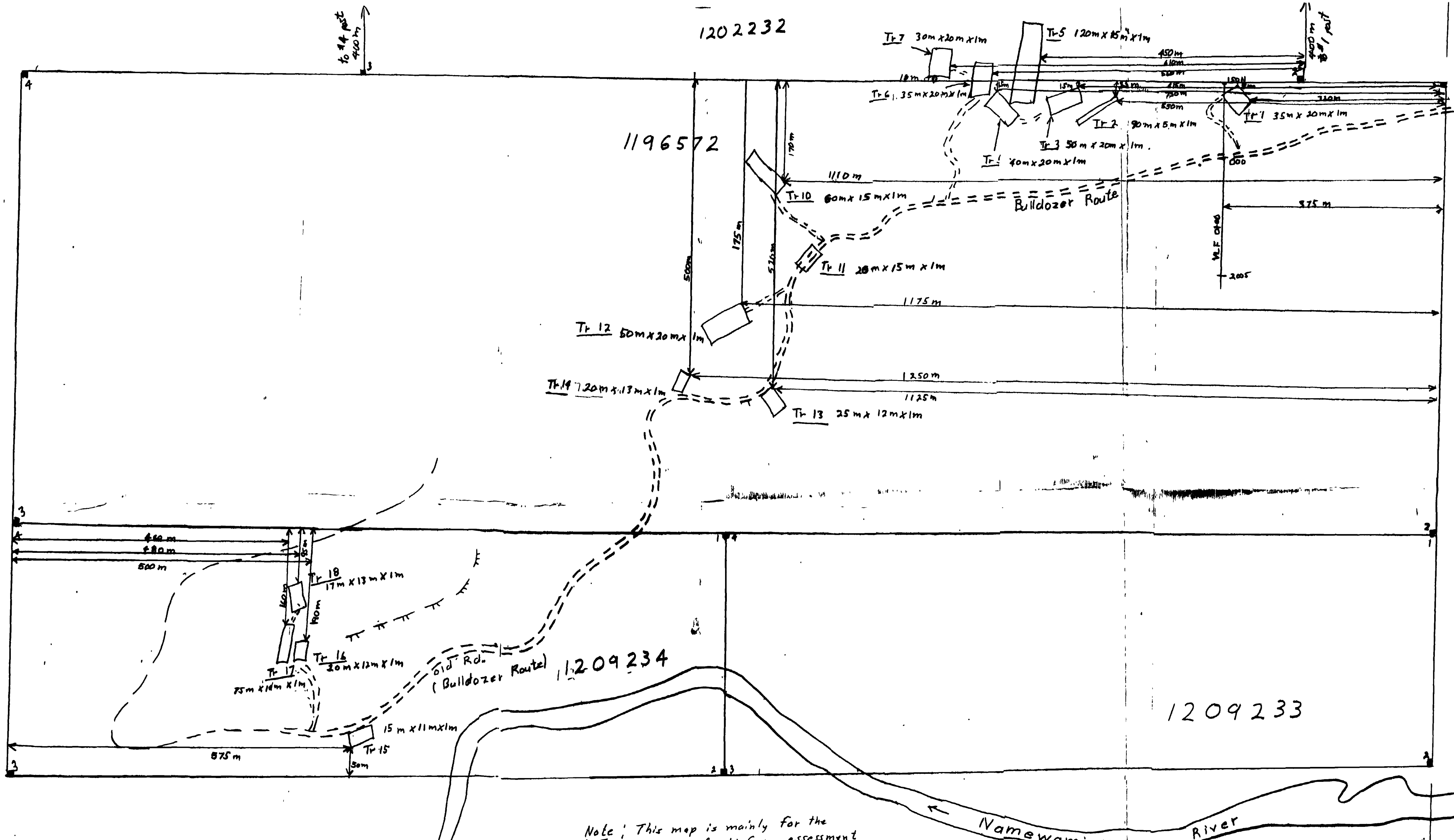
MAP 2





230

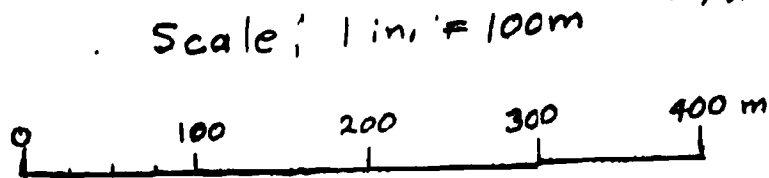
SPH010005 2 1982 DOROTHEA



Tr 18 17m x 13m x 1m
 Bulldozer stripped area
 at location # 18, with dimensions
 marked, and distances to claim posts.

Note: This map is mainly for the
 purpose of satisfying assessment
 credit requirements.

P. Lassila



P. Houghton

BULLDOZER STRIPPED
 TRENCH SIZES AND LOCATIONS
 DOROTHEA GOLD
 PROPERTY
 Lassila and Houghton

Dorothea Twp
 Sandra Twp
 MAP #3