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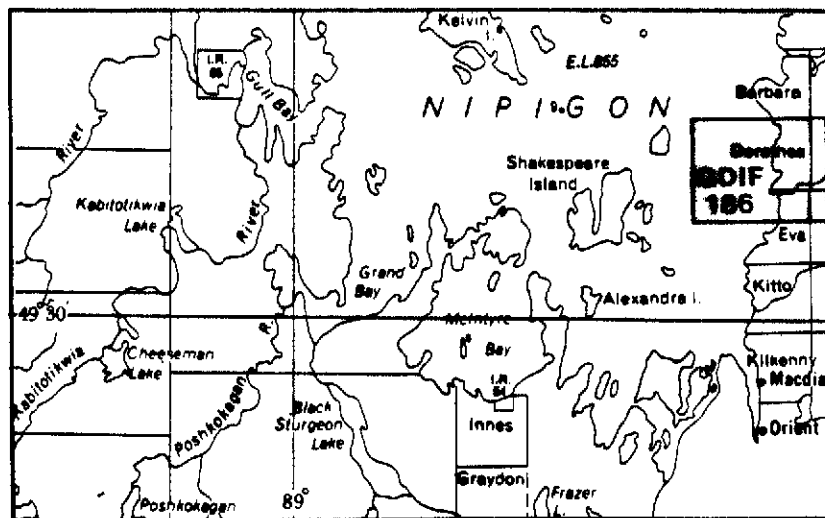
ONTARIO GEOLOGICAL SURVEY  
GEOLOGICAL DATA INVENTORY FOLIO

GDIF 186

# POPLAR POINT AREA (DOROTHEA TOWNSHIP)

DISTRICT OF THUNDER BAY

Compiled by the Staff of  
the Resident Geologist's Office  
Thunder Bay



LOCATION MAP

Scale 1:1 013 760 or 1 inch to 16 miles

NTS Number 52 H/09 NE

Mining Claim Map Number G116 (M-1702)

This project was funded equally by the governments of Canada and Ontario under the Northern Ontario Rural Development Agreement (NORDA).

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Ontario Geological Survey

1984: Poplar Point (Dorothea Township), District of Thunder Bay; Ontario Geological Survey, Geological Data Inventory Folio 186, compiled by the staff of the Resident Geologist's Office, Thunder Bay, 24 pages and 2 maps.

Original Compilation by: A. A. Speed, P. Perry

Date	Page Revised	Revised by

Date	Page Revised	Revised by

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## ACCOMPANYING MAPS

Property Location Map - 1 map

Exploration Data Map - 1 map

Map Scale 1: 31 680 or 1 inch to ½ mile

## CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

<b>CONVERSION FROM SI TO IMPERIAL</b>			<b>CONVERSION FROM IMPERIAL TO SI</b>		
<i>SI Unit</i>	<i>Multiplied by</i>	<i>Gives</i>	<i>Imperial Unit</i>	<i>Multiplied by</i>	<i>Gives</i>
<b>LENGTH</b>					
1 mm	0.039 37	inches	1 inch	<b>25.4</b>	mm
1 cm	0.393 70	inches	1 inch	<b>2.54</b>	cm
1 m	3.280 84	feet	1 foot	<b>0.304 8</b>	m
1 m	0.049 709 7	chains	1 chain	20.116 8	m
1 km	0.621 371	miles (statute)	1 mile (statute)	<b>1.609 344</b>	km
<b>AREA</b>					
1 cm <sup>2</sup>	0.155 0	square inches	1 square inch	<b>6.451 6</b>	cm <sup>2</sup>
1 m <sup>2</sup>	10.763 9	square feet	1 square foot	<b>0.092 903 04</b>	m <sup>2</sup>
1 km <sup>2</sup>	0.386 10	square miles	1 square mile	2.589 988	km <sup>2</sup>
1 ha	2.471 054	acres	1 acre	0.404 685 6	ha
<b>VOLUME</b>					
1 cm <sup>3</sup>	0.061 02	cubic inches	1 cubic inch	<b>16.387 064</b>	cm <sup>3</sup>
1 m <sup>3</sup>	35.314 7	cubic feet	1 cubic foot	0.028 316 85	m <sup>3</sup>
1 m <sup>3</sup>	1.308 0	cubic yards	1 cubic yard	0.764 555	m <sup>3</sup>
<b>CAPACITY</b>					
1 L	1.759 755	pints	1 pint	0.568 261	L
1 L	0.879 877	quarts	1 quart	1.136 522	L
1 L	0.219 969	gallons	1 gallon	<b>4.546 090</b>	L
<b>MASS</b>					
1 g	0.035 273 96	ounces (avdp)	1 ounce (avdp)	28.349 523	g
1 g	0.032 150 75	ounces (troy)	1 ounce (troy)	<b>31.103 476 8</b>	g
1 kg	2.204 62	pounds (avdp)	1 pound (avdp)	<b>0.453 592 37</b>	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	<b>907.184 74</b>	kg
1 t	1.102 311	tons (short)	1 ton (short)	<b>0.907 184 74</b>	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	<b>1016.046 908 8</b>	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	<b>1.016 046 908 8</b>	t
<b>CONCENTRATION</b>					
1 g/t	0.029 166 6	ounce (troy)/ ton (short)	1 ounce (troy)/ ton (short)	34.285 714 2	g/t
1 g/t	0.583 333 33	pennyweights/ ton (short)	1 pennyweight/ ton (short)	1.714 285 7	g/t

### OTHER USEFUL CONVERSION FACTORS

1 ounce (troy)/ton (short)	20.0	pennyweights/ton (short)
1 pennyweight/ton (short)	0.05	ounce (troy)/ton (short)

One gram (g) per tonne is equivalent to one part per million (1 ppm).

NOTE—Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

# DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this area. If no reference data was found the appropriate box is marked 'no'; if reference data was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

SOURCES OF DATA		Data	Initial
1	Resident Geologist's Office Files	YES	P. APR./84
2	Assessment Files Research Office, Toronto	YES	P. APR./84
3	ODM General Index; 7 volumes	YES	P. APR./84
4	Catalogue of Airborne Geophysical Surveys (ODM)	NO	P. APR./84
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	YES	P. APR./84
6	ODM Industrial Mineral Reports	NO	P. APR./84
7	Bibliography of Post Precambrian Theses - Karrow (ODM MP 1)	NO	P. APR./84
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)	NO	P. APR./84
9	Newspaper Clippings File	YES	P. APR./84
10	GSC Index to Publications	YES	P. APR./84
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	YES	P. APR./84
12	OGS Index Maps	YES	P. APR./84
13	Source Mineral Deposit Records (O.G.S.)		
14	Author - Subject Articles File	YES	P. APR./84
15	Miscellaneous Papers: ODM & OGS	YES	P. APR./84
16	ODM Geological Circulars: OGS Study Series	NO	P. APR./84
17	ODM Preliminary Reports: ODM Bulletins	YES	P. APR./84
18	ODM - OGS Open File Reports	YES	P. APR./84
19	OGS Northern Ontario Engineering Geology Terrain Studies	YES	P. APR./84
20	OGS Aggregate Resources Inventory Papers	NO	P. APR./84
21	OGS Mineral Potential Maps	YES	P. APR./84

# METALS AND MINERALS REFERENCES LIST

Δ anh. . . . . Anhydrite	Δ fu. . . . . Fuchsite	Δ Ni. . . . . Nickel	Δ st. . . . . Stone
Δ ank. . . . . Ankerite	Δ gn. . . . . Galena	Δ Nb. . . . . Niobium	Δ talc. . . . . Talc
Δ anna. . . . . Annabergite	Δ gt. . . . . Garnet	Δ Pd. . . . . Palladium	Δ Te. . . . . Tellurium
Δ ap. . . . . Apatite	Δ goe. . . . . Goethite	Δ peat. . . . . Peat	Δ td. . . . . Tetrahedrite
Δ arg. . . . . Argentite	▲ Au. . . . . Gold	Δ pent. . . . . Pentlandite	Δ th. . . . . Thorite
Δ As. . . . . Arsenic	Δ gf. . . . . Graphite	Δ Pt. . . . . Platinum	Δ Th. . . . . Thorium
Δ asp. . . . . Arsenopyrite	Δ gl. . . . . Gravel	Δ py. . . . . Pyrite	Δ thuc. . . . . Thucholite
Δ asb. . . . . Asbestos	Δ gyp. . . . . Gypsum	Δ pyl. . . . . Pyrochlore	Δ ti. . . . . Titanite
Δ ba. . . . . Barite	Δ hem. . . . . Hematite	Δ pyrl. . . . . Pyrolusite	Δ Ti. . . . . Titanium
Δ be. . . . . Beryl	Δ il. . . . . Ilmenite	Δ po. . . . . Pyrrhotite	Δ tour. . . . . Tourmaline
Δ Bi. . . . . Bismuth	Δ Fe. . . . . Iron	Δ q. . . . . Quartz	Δ trap. . . . . Trap rock
Δ bn. . . . . Bornite	▲ IF. . . . . Iron Formation	Δ qcv. . . . . Quartz carbonate vein	▲ W. . . . . Tungsten
Δ brn. . . . . Brannerite	Δ jas. . . . . Jasper	Δ ra. . . . . Radioactive minerals	Δ uran. . . . . Uraninite
Δ bruc. . . . . Brucite	Δ kaol. . . . . Kaolinite (kaolin)	Δ RE. . . . . Rare Earths	Δ U. . . . . Uranium
Δ Cd. . . . . Cadmium	Δ ky. . . . . Kyanite	Δ sd. . . . . Sand	Δ verm. . . . . Vermiculite
Δ calc. . . . . Calcite	Δ Pb. . . . . Lead	Δ sgl. . . . . Sand and gravel	Δ Y. . . . . Yttrium
Δ carb. . . . . Carbonate	Δ lim. . . . . Limonite	Δ ss. . . . . Sandstone	Δ Zn. . . . . Zinc
Δ cel. . . . . Celestite	Δ Li. . . . . Lithium	Δ scap. . . . . Scapolite	Δ zr. . . . . Zircon
Δ cc. . . . . Chalcocite	Δ mgst. . . . . Magnesite	Δ shee. . . . . Scheelite	
Δ cp. . . . . Chalcopyrite	Δ mag. . . . . Magnetite	Δ serp. . . . . Serpentine	
Δ ch. . . . . Chert	Δ mc. . . . . Malachite	Δ sh. . . . . Shale	
Δ clay. . . . . Clay	Δ Mn. . . . . Manganese	Δ sid. . . . . Siderite	
Δ Co. . . . . Cobalt	Δ mb. . . . . Marble	Δ si. . . . . Silica	
Δ cob. . . . . Cobaltite	Δ mar. . . . . Marcasite	▲ Ag. . . . . Silver	
Δ cb. . . . . Columbite	Δ ma. . . . . Marl	Δ sl. . . . . Slate	
Δ Cu. . . . . Copper	Δ mi. . . . . Mica	Δ sm. . . . . Smaltite	
Δ cor. . . . . Corundum	Δ ml. . . . . Millerite	Δ sod. . . . . Sodalite	
Δ dol. . . . . Dolomite	Δ mo. . . . . Molybdenite	Δ spec. . . . . Specularite	
Δ ep. . . . . Epidote	▲ Mo. . . . . Molybdenum	Δ sp. . . . . Sphalerite	
Δ ery. . . . . Erythrite	Δ mon. . . . . Monazite	Δ spd. . . . . Spodumene	
Δ fel. . . . . Feldspar	Δ ne. . . . . Nephelite (nepheline)	Δ staur. . . . . Staurolite	
Δ fl. . . . . Fluorite (fluorspar)	Δ nc. . . . . Niccolite	Δ stib. . . . . Stibnite	

Solid triangles indicate metal and mineral occurrences shown on the accompanying maps.

# MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
A	Jensen Option (Cross, Harold, Meridian Mining and Explorations)	Ag			Regional Geologist's Assessment Files, Thunder Bay
B	Leitch Gold Mines Limited Deposit	Au, Ag, W		ODM, MRC 13, p. 271-272	OGS 1936, AR VOL. 45, Pt. 2 (past producer)
C	Amorada Prospect (Nortoba, Woods-Tyson)	Au, Ag		ODM, MRC 13, p. 264-265 ODM, MRC 7, p. 69-70	OGS 1936, AR VOL. 45, Pt. 2
D	Amorada Prospect (Nortoba, Woods-Tyson)	Au, Ag, Mo		ODM, MRC 13, p. 264-265 ODM, MRC 7, p. 69-70	OGS 1936, AR VOL. 45, Pt. 2
E	Montmorr Occurrence (Montgomery, T., Erie Canadian Mines)	Au			Resident Geologist's Assessment Files, Thunder Bay
F	Tom Johnson Occurrence	Au		ODM, MRC 13, p. 298	OGS 1975, GR 122
G	Lawrence - McKirdy Occurrence	Au		ODM, MRC 13, p. 298	OGS 1936, AR VOL. 45, Pt. 2
H	H. A. Montgomery Occurrence (P. E. Hopkins)	Au		ODM, MRC 13, p. 298	
I	Lake Nipigon Central Prospect	I. F. (Fe)		ODM, MRC 11, p. 377, 409	OGS 1936, AR VOL. 45, Pt. 2
J	Wilport Occurrence	Au		ODM, MRC 13, p. 300	OGS 1936, AR VOL. 45, Pt. 2



# TYPE OF WORK

Numbers below represent the year in which the work was done; e.g., 68 for 1968.

EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE THUNDER BAY	COMPANY/AUTHOR (file number)	GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY	MINE REPORT	PROPERTY REPORT
1.	Camel Resources Limited (Sand River Mines Property)	80 <sup>1</sup>		80								80							
2.	Candore Exploration Limited (see also Nortoba Mines, Tyson-Hopkins Joint Venture)				65	65													
3.	Cross, Harold (Jensen Option)				62														
4.	Cryderman, J. R.-Ventures Ltd. (Mining Corporation of Canada see also Wilport Mines)	61 <sup>2</sup>		61 <sup>2</sup>	62 <sup>2</sup> 63 <sup>3</sup>			29 <sup>2</sup>				61 <sup>2</sup>	61 <sup>2</sup>						
5.	Hopkins, P. E. (see also Tyson-Hopkins Joint Venture, Montgomery Property)	59		59															
6.	Kimberley Copper Mines Limited							59											
7.	Leitch Gold Mines Limited (Erie Canadian Mines)							36										50	
8.	Mead Mining Corporation Ltd. (Nortoba Mines Limited)				62	62													

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																	
		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIO-METRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIO-METRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY	MINE REPORT	PROPERTY REPORT
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE THUNDER BAY	COMPANY/AUTHOR (file number)																		
	9. Meridian Mining & Exploration Company Limited (Umex)			71	71	70													70
10. Montgomery, T. (Erie Canadian Mines) (see also Hopkins, P. E.)			37			37												37	
11. Montmorr Gold Mines Limited (Erie Canadian Mines)			57	58	57	57					58							37	
12. Nortoba Mines Limited (Northwind Exploration, Elliot and Montgomery, Amorada, Tyson-Hopkins Joint Venture)			57	58	57	57					58							37	
13. Springer Sturgeon Gold Mines-Brennan Kenty Lake Nipigon Group <sup>3</sup> (see also Nortoba)																			34 <sup>3</sup>
14. Tyson-Hopkins Property <sup>4</sup> (Canpac-Tombill-Gunnex <sup>4</sup> Joint Venture)		67	71	67							71								
15. Wilport Mines Limited (Erie Canadian Mines)		71																	30

Filed 52 H 9/SE.  
 Filed 42 E 12/NW.  
 Filed under "The Sturgeon River Gold Area".

4. Gunnex operators.

# DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name		Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden (feet)	Total Length of Hole (feet)	Mineralization Noted in Log	Assay Data Included for
1	Candore Exploration Ltd.		C65-1	June/65	0°	-45°	21	264	mo, py	Au, Mo
2	"	"	C65-2	"	0°	-45°	2.5	149	py	Au
3	"	"	C65-3	"	0°	-45°	4	121	py	Au
4a	"	"	C65-4	"	0°	-45°	9	151	py	Au, Mo
b	"	"	C65-5	July/65	0°	-60°	6	107	mo	Mo
5a	"	"	C65-6	"	0°	-45°	16	261	mo, py	Au, mo
b	"	"	C65-7	"	0°	-60°	15	341	mo, cp, sp	Au, mo
6a	"	"	C65-8	"	0°	-45°	14.4	260	mo, py	Au, mo
b	"	"	C65-9	"	0°	-60°	14	182	mo	Mo
7a	"	"	C65-10	"	0°	-45°	24	225	mo	Mo
b	"	"	C65-11	"	0°	-60°	20	247	mo	Mo
8	"	"	C65-14	Aug./65	0°	-45°	5	260	mo	Mo
9	"	"	C65-12	July/65	0°	-45°	41	345		Mo, Au
10	"	"	C65-13	"	0°	-45°	39	188	mo, py	Mo
11	"	"	C65-15	Aug./65	0°	-45°	32	221	mo	Mo
12	"	"	C65-16	"	0°	-45°	51	222	mo	Mo
13	"	"	C65-17	"	0°	-45°	74	211	mo	Mo

DRILLHOLE SUMMARY		Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden (feet)	Total Length of Hole (feet)	Mineralization Noted in Log	Assay Data Included for
Map Drilling Location Number										
14	Cross, Harold	1	Jan./65	160°	-44°	40	794	py		
15	"	2	Feb./65	340°	-45°	20	291.5	py		
16	"	3	"	160°	-45°	7	177	py		
17	"	4	"	160°	-45°	5	141	py		
18	Cryderman, J. R.	F-3	July/63	180°	-45°	29.5	249	py, po	Au	
19	"	V-2	April/62	180°	-40°	40	503	py, po	Au	
20	"	V-3	"	180°	-40°	36	381	py	Au	
21	"	V-4	"	180°	-40°	24	641	py	Au	
22	Mead Mining Corporation Limited	L200	Jan./62	180°	-45°	11	249.6	py		
23	"	L201	"	0°	-45°	5	257	py		
24	"	L202	"	180°	-45°	11	501	py	Au	
25a	"	L203	Feb./62	0°	-45°	61	499.6	py, cp	Au	
b	"	L204	"	180°	-45°	11	506	py	Au	
26a	"	L205	"	180°	-45°	--	478			
b	"	L206	"	0°	-45°	2	527	py	Au	
27	Meridian Mining and Exploration Company Limited	E--1	Nov./71	315°	-45°	21	203	py, sp, gn		

GDIF FORM NO. 3

DRILLHOLE SUMMARY		Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden (feet)	Total Length of Hole (feet)	Mineralization Noted in Log	Assay Data Included for
Map Drilling Location Number										
28	Meridian Mining and Exploration Company Limited	E--2	Nov./71	315°	-45°	18	209	py		
29	Nortoba Mines Limited	E100	Sept./58	0°	-45°	--	632	py, po, cp, Mo		
30	"	E101	"	0°	-50°	--	545	py, po, cp, Mo		
31a	"	E102	Oct./58	180°	-45°	--	100	py	Au	
b	"	E103	"	210°	-45°	--	100	py	Au	
c	"	E104	"	150°	-45°	--	164	py, po, cp	Au	
32a	"	E105	"	0°	-45°	--	101	py, cp	Au	
b	"	E106	"	30°	-45°	--	102	cp, py	Au	
33a	"	E107	"	180°	-45°	--	293	py, cp, po	Au	
b	"	E108	"	180°	-45°	30	110	py, po	Au	
c	"	E109	"	180°	-45°	--	99		Au	
34a	"	E110	"	180°	-45°	85	400	py, cp, mag, po	Au	
b	"	E111	"	0°	-45°	98	327			
35	"	E112	Nov./58	180°	-57°	--	346	mo, py		
36	"	E113	"	180°	-50°	--	114			
37a	"	E114	June/59	180°	-45°	--	115	py, po	Au	
b	"	E115	"	180°	-55°	--	95			

<b>DRILLHOLE SUMMARY</b>		Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for

# AIRBORNE GEOPHYSICAL SURVEY DATA

No.	By For	Type of Survey	Flight Altitude	Flight Line Direction	Flight Line Spacing

<b>GEOCHEMICAL SURVEY DATA</b>		<b>Reference</b>
<b>Map Sample Site Reference Number</b>	<b>Type of Survey</b>	<b>By</b>
<b>Analysis For</b>		<b>Reference</b>
1	Hand Auger	Gunnex Limited (Tyson-Hopkins Property)
Mo, Cu		Regional Geologist's Assessment Files, Thunder Bay



# MISCELLANEOUS DATA

## AGE DATING

Site	Method	Material	Reference	Result

Large empty rectangular area for additional notes or data.

# NEWSPAPER CLIPPINGS FILE

NOTE: A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office. Thunder Bay

Candore Exploration Limited

Leitch Gold Mines Limited

Gunnex Mines Limited

Nortoba Mines Limited

Sand River Mines Limited

Tombill Mines Limited

Meridian Mining & Exploration Company Limited

# ODM GENERAL INDEX SEARCH

Words searched: Amorada, Bish Bay, Brennan-Kenty Option, Cryderman, J. R., Dorothea Township, Eva Township, Leitch Gold Mines, Montgomery, T., Montmorr Mines, Northwind Exploration, Nortoba, Poplar Point.

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# ODM GENERAL INDEX SEARCH

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4-7	<p>Leitch Gold Mine, Eva Township Production Statistics See Annual Report, Part 1, Volumes 59 to 73.</p> <p>Leitch Gold Mines, Ltd. Operations, Exploration See Annual Report, Part 1, Volumes 50 to 53. Part 2, Volumes 54 to 69. Volumes 70 to 73.</p>			
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	Gold	GR122		35- 36
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	Summary of field work, 1967 by W. O. Mackasey	MP011		31, 35
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Words searched: Continued.....6

Index Volume	Listing:	Report Volume	Part	Page
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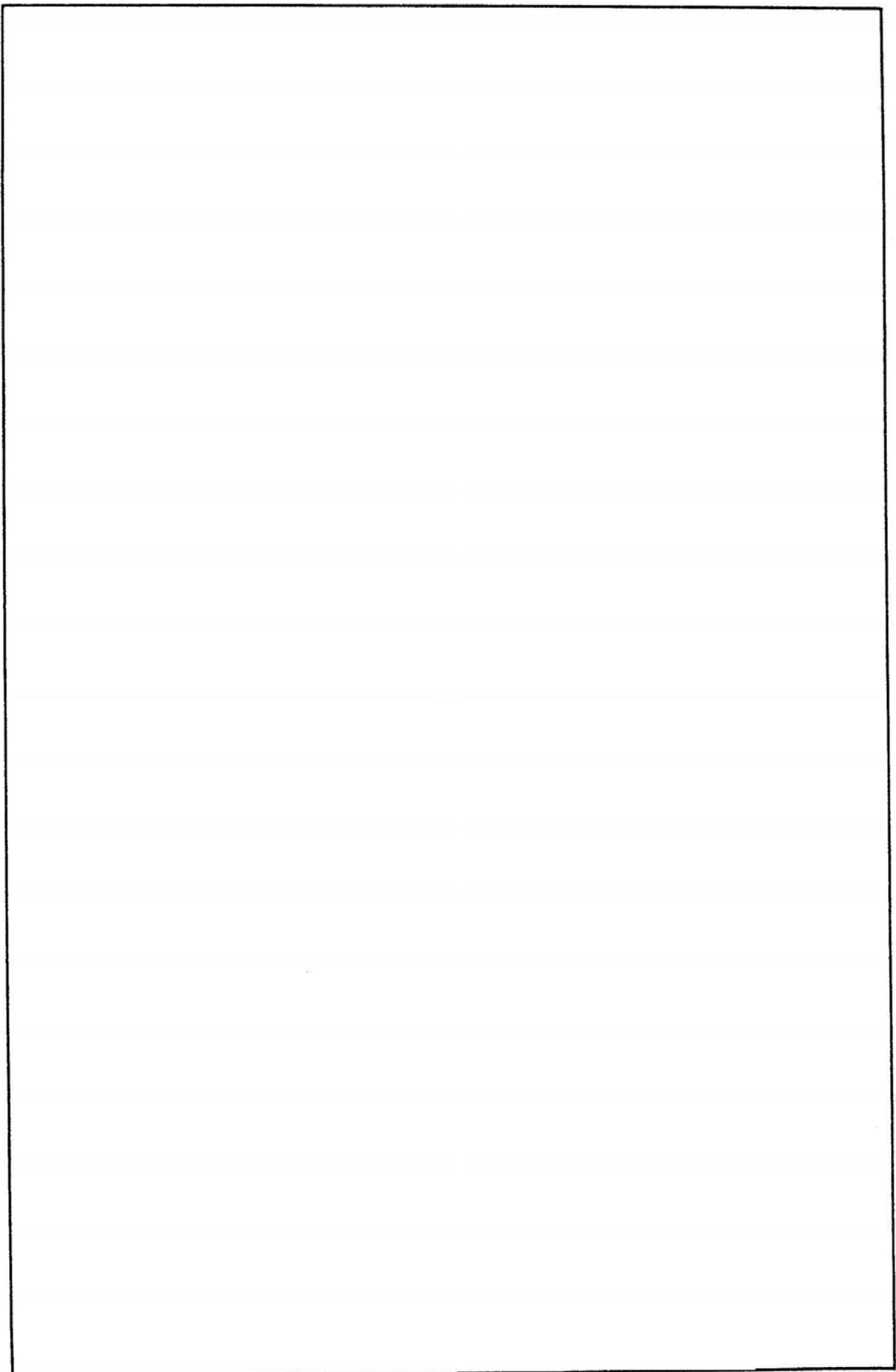
<b>SELECTED REFERENCES</b>		Date	Reference	Map Scales and/or Report Pages
Author	Title			
Pye, E. G., et al	<p><u>REGIONAL GEOLOGICAL COMPILATION MAPS</u></p> <p>Tashota-Geraldton Sheet, Thunder Bay and Cochrane Districts, Ontario Geological Compilation Series. Associated maps; P 241, 257, 267, 274.</p> <p><u>GEOLOGICAL REPORTS AND MAPS</u></p> <p>On the Geology and Economic minerals of the North-west coast of Lake Superior and adjoining country from Pigeon River to Black Bay, Black Sturgeon River, Nipigon River and Lake Nipigon. Accompanied by map 78.</p> <p>Report on the country between Lake Superior and the Albany River.</p> <p>Iron Ranges east of Lake Nipigon.</p> <p>Iron Ranges east of Lake Nipigon. Accompanied by map 170.</p> <p>Summary work on a survey and geological examination of Lake Nipigon, Ontario.</p> <p>Two Gold Mines in Northwestern Ontario; in Summary of Field Work, 1965, Ontario Department of Mines, edited by J. E. Thomson.</p> <p>Lake Nipigon Sheet, Ontario.</p>	1966	ODM, colour map 2102	1 inch to 4 miles
Bell, R.		1870	GSC, Report of Progress 1866-1869, Pt. IX	
Bell, R.		1872	GSC, Report of Progress 1871-1872, Pt. III	
Coleman, A. P.		1907	OBM, Annual Report 1907, Vol. XVI, Pt. 1	
Coleman, A. P.		1908	OBM, Annual Report Vol. XVII	
Dowling, D. B.		1899	GSC, Summary Report Vol. XI 1898, Pt. A	pp. 94-99
Ferguson, S. A.		1965	ODM, Preliminary Report 1963-1965.	pp. 22-23
GSC		1935	GSC, Map 308A	1 inch to 8 miles

		<b>SELECTED REFERENCES</b>			Map Scales and/or Report Pages
	Jameson, J. F.	1934	Namewaminikan, Sturgeon River Area, District of Thunder Bay, Ontario. Map 1934C.	ODM, Map 1934C	1 inch to 2 miles
	Laird, H. C.	1936	The Western part of the Sturgeon River Area (Sturgeon River-Beardmore Section). Accompanied by map 42A.	OBM, 1936 Annual Report 45, Pt. 2	
	Langford, G. B.	1928	Geology of the Beardmore-Nezah Gold Area, Thunder Bay District. Accompanied by map 37K.	ODM, 1928 Annual Report 37, Pt. IV	
	Mackasey, W. D.	1969	Eva and Summers Townships; in Summary of Field Work, 1969, by the Geological Branch, edited by E. G. Pye.	ODM, Miscellaneous Paper 32	pp. 25-27
	Mackasey, W. D.	1970	Eva Township, District of Thunder Bay, Ontario.	ODM, Map P-601	4 inches to 1 mile
	Mackasey, W. D.	1970	Summers Township, District of Thunder Bay, Ontario.	ODM, Map P-601	4 inches to 1 mile
	Mackasey, W. D.	1975	Geology of Dorothea, Sandra and Irwin Townships, District of Thunder Bay. Accompanied by map 2244. Associated map P-479.	ODM, Geological Report 122	
	McInnes, W.	1895	Geological Examination of Lake Nipigon, Ontario.	GSC, Annual Report Vol. VII, Pt. A	pp. 48-51
	OBM	1915	Part of Thunder Bay District showing the Kowkash Gold Area.	OBM, Map 24c, Annual Report 24, Pt. 1	1:50,000
	Parks, A.	1902	The Country East of Lake Nipigon and River.	GSC, Summary Report 1901, Vol. XIV, Pt. A	pp. 105-109

Author		Date	SELECTED REFERENCES		Map Scales and/or Report Pages
			Title	Reference	
Sutcliffe, R. H.	1981	Geology of the Wabigoon-Quetico Subprovince Boundary in the Lake Nipigon Area, District of Thunder Bay; in Summary of Field Work, 1981, Ontario Geological Survey, edited by J. Wood, O. L. White, R. B. Barlow and A. C. Colvine.	OGS, Miscellaneous Paper 100		
Sutcliffe, R. H.	1982	Precambrian Geology of the Wabigoon-Quetico Sub-province Boundary, Shakespear Island Sheet, N.T.S. 42 H/9, Thunder Bay District, Ontario.	OGS, Map P-2529	1:50,000	
Tanton, T. L.	1918	Canadian Northern Railway between Nipigon and Longuelac, Northern Ontario. Associated map 1836.	GSC, Summary Report 1917, Pt. E	pp. 1-6	
Tanton, T. L.	1934	Sturgeon River Area, Thunder Bay District, Ontario.	GSC Map 312A	1 inch to 2 miles	
Thurston, P. C.	1983	Lakehead-Atikokan Compilation Project; in Summary of Field Work, 1983, by the Ontario Geological Survey, edited by J. Wood, O. L. White, R. B. Barlow and A. C. Colvine.	OGS, Miscellaneous Paper 116		
Wilson, A. W. G.	1910	Geology of the Nipigon Basin, Ontario. Accompanied by map 8A.	GSC, Memoir 1		
GSC	1966	<u>GEOPHYSICAL REPORTS AND MAPS</u> Shakespear Island, Ontario. Aeromagnetic Survey Series.	GSC, Map 2128G	1 inch to 1 mile	
GSC	1974	High Resolution Aeromagnetic Map, 52 H 9/a, Jellicoe Area.	GSC, Map 20115G	1:25,000	

SELECTED REFERENCES		Map Scales and/or Report Pages	Reference
GSC - OGS	1978	1:250,000	OGS, OFR 5249
Springer, J. S.	1978	1:250,000	OGS, Map P-1528
Mollard, D. G. Mollard, J. D.	1980	1:100,000	NOEGTS 26
Zoltai, S. C.	1965		Canadian Journal of Earth Science, Vol. 2, p. 247-269.
Zoltai, S. C.	1966		Ontario Dept. of Lands and Forests, Map S2-65

**NOTES AND ADDENDA**



POPLAR POINT (DOROTHEA TOWNSHIP)

88° 15'

88° 00'

49° 45'

49° 45'

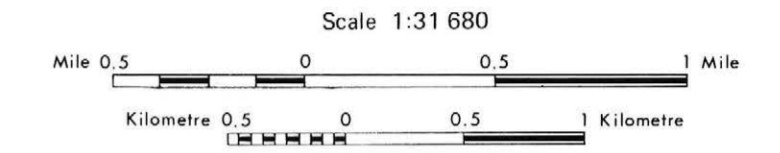


Ministry of Natural Resources  
Hon. Alan W. Pope  
Minister  
John R. Sloan  
Deputy Minister

ONTARIO GEOLOGICAL SURVEY  
PROPERTY LOCATION MAP  
GEOLOGICAL DATA INVENTORY FOLIO 186  
( Map 1 of 2 )

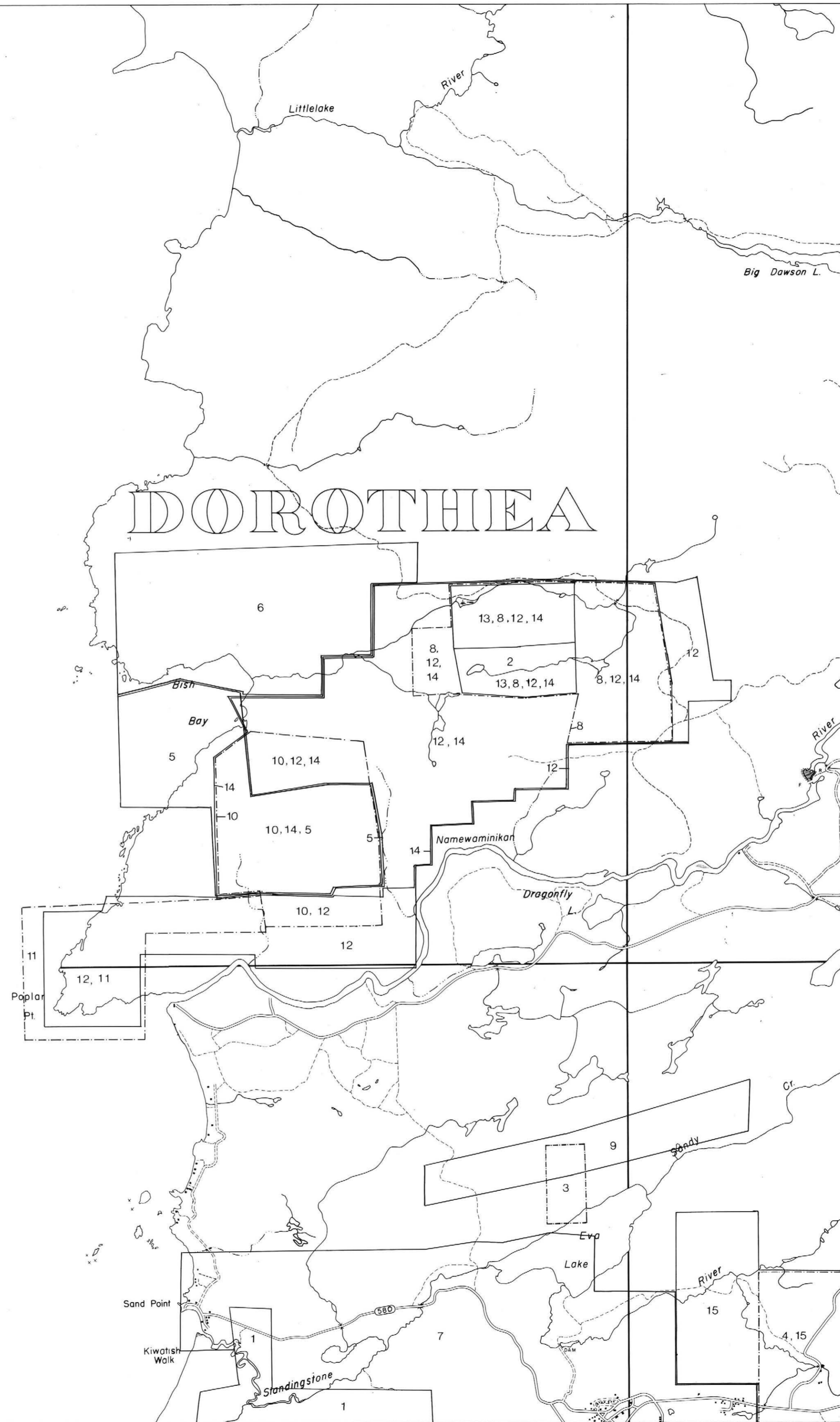
# POPLAR POINT AREA (DOROTHEA TOWNSHIP)

DISTRICT OF THUNDER BAY



Lake

## DOROTHEA



Nipigon

### EXPLORATION DATA FILE AREAS

- Reference number is always inside work area outlined. See listing in text pages.
- Small area of exploration.
- 

49° 37' 30"

49° 37' 30"

88° 15'

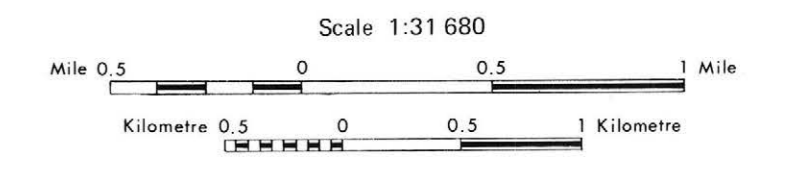
88° 00'



88°15' 88°00' 49°45' 49°37'30"

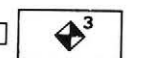

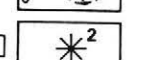
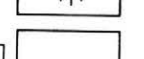
# POPLAR POINT AREA (DOROTHEA TOWNSHIP)

DISTRICT OF THUNDER BAY

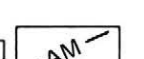
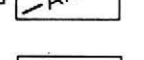
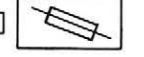
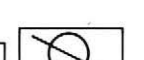
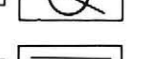


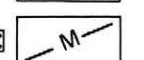

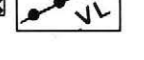


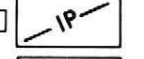



TYPES OF DATA SHOWN ON THIS MAP

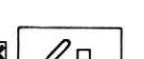
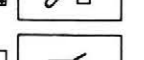
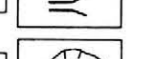




**GEOCHEMICAL AND GEOCHRONOLOGICAL DATA**

-  Geochemical sample site, with reference number
-  Area of geochemical sampling, with reference number
-  Age dating material sampling site, with reference number
- 

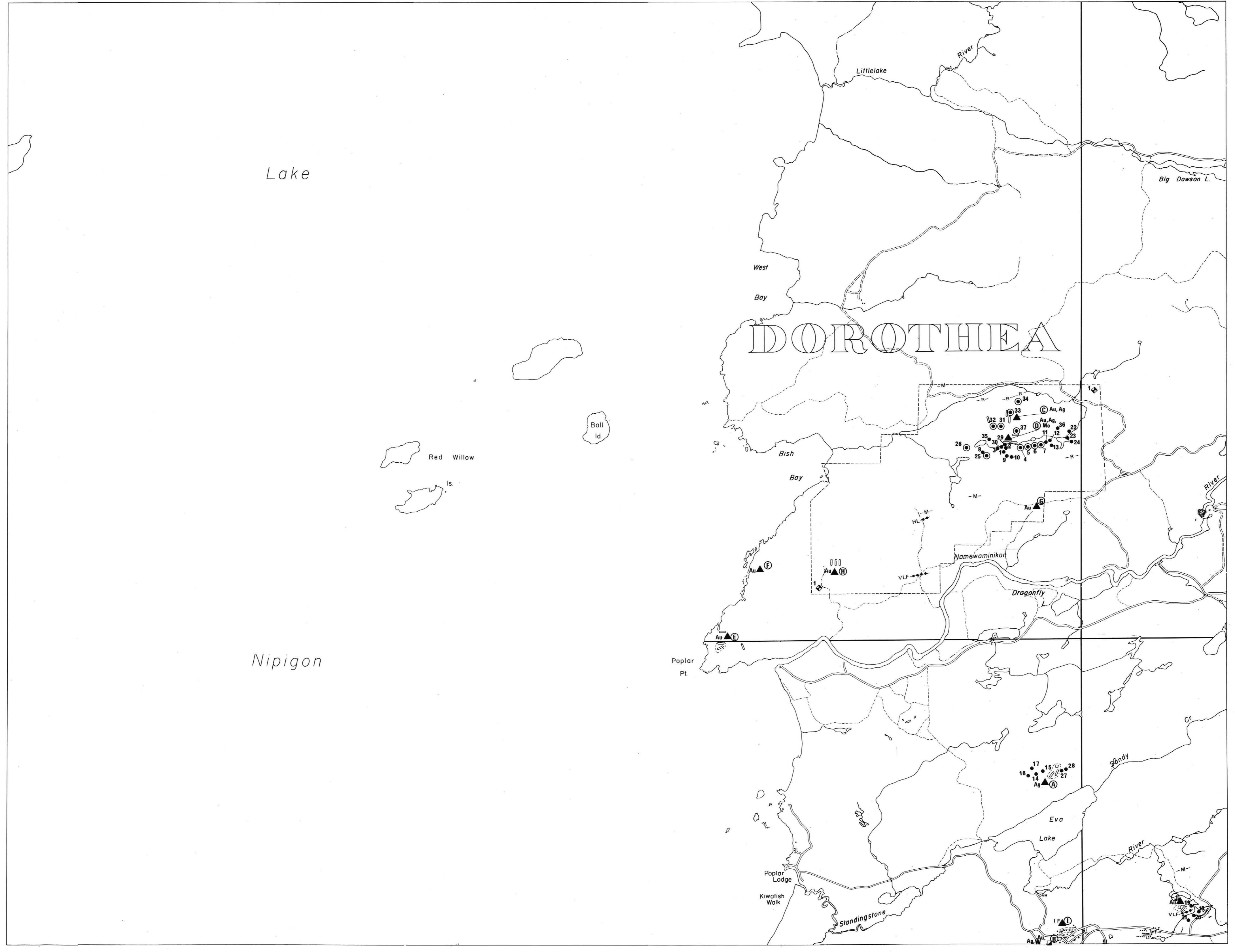
**GEOPHYSICAL ANOMALIES**

-  Airborne Magnetometer Anomaly
-  Airborne Electromagnetometer Anomaly  
Length of anomaly along flight line
-  Airborne Electromagnetometer Anomaly  
Location of anomaly along flight line
-  Airborne Electromagnetometer Anomaly  
Conductor Axis: definite, probable, possible
-  Airborne Radiometric Anomaly
-  Ground Magnetometer Anomaly
-  Ground Electromagnetometer Anomaly  
(VL - Vertical Loop; HL - Horizontal Loop;  
VLF - Very low freq; Turam; JEM -  
Crone EM - 16)
-  Ground Radiometric Anomaly
-  Induced Polarization Anomaly
-  Self Potential Anomaly
-  Audio-frequency magnetometer anomaly  
(total intensity)
-  Resistivity Anomaly
-  Gravity Anomaly
- 

**MISCELLANEOUS DATA**

-  Trenching, pit
-  Adit
-  Open pit
-  Area of trenching, pit
-  Rock quarry
-  Sand and/or gravel pit
- 


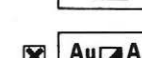
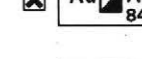
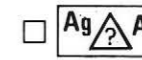
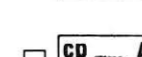
NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.



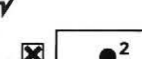
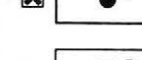

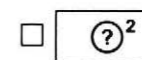
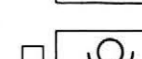
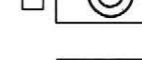
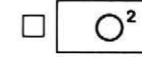
**GEOLOGICAL AND MINING SYMBOLS**

TYPES OF DATA SHOWN ON THIS MAP

**MINERAL OCCURRENCES**

-  Mineral occurrence at surface, with reference letter
-  Mineral occurrence with shaft, depth given with reference letter
-  Mineral occurrence reported but exact location uncertain, with reference letter
-  Mineralized float with reference letter
- 

**DRILL HOLES**

-  Location of single drill hole, with reference number
-  Location of closely spaced group of drill holes, with reference number
-  Drill hole, exact location uncertain, with reference number.
-  Property with underground drill holes in this general area, with reference number
-  Property with drill holes which have not been plotted on map, with reference number
-  Reverse Circulation Drill Hole; Churn drilling, with reference number
- 

49°37'30" 88°15' 88°00' 49°37'30"