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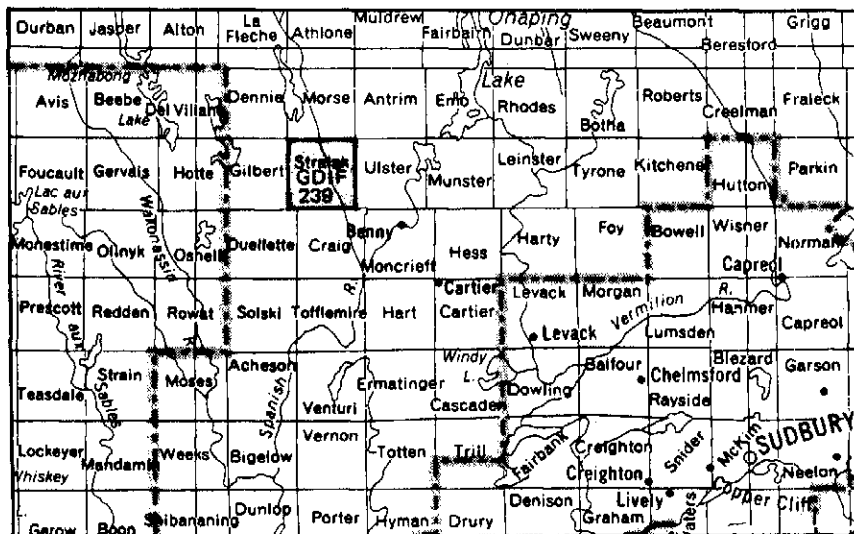
Ministry of
Natural
Resources

ONTARIO GEOLOGICAL SURVEY
GEOLOGICAL DATA INVENTORY FOLIO
GDIF 239

STRALAK TOWNSHIP

DISTRICT OF SUDBURY

Compiled by the Staff of
the Resident Geologist's Office
Sudbury



LOCATION MAP

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

NTS Number 41 I/13

Mining Claim Map Number M 1143

STATEMENT: This inventory is unedited. Discrepancies may occur for which the Ontario Geological Survey does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows:

Ontario Geological Survey

1985: Stralak Township, District of Sudbury; Ontario Geological Survey, Geological Data Inventory Folio 239, compiled by the staff of the Resident Geologist's Office, Sudbury, 16p., and 2 maps.

Original Compilation by: de Gagne, Ronn February 22, 1985

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:

CONVERSION FROM SI TO IMPERIAL			CONVERSION FROM IMPERIAL TO SI		
<i>SI Unit</i>	<i>Multiplied by</i>	<i>Gives</i>	<i>Imperial Unit</i>	<i>Multiplied by</i>	<i>Gives</i>
LENGTH					
1 mm	0.039 37	inches	1 inch	25.4	mm
1 cm	0.393 70	inches	1 inch	2.54	cm
1 m	3.280 84	feet	1 foot	0.304 8	m
1 m	0.049 709 7	chains	1 chain	20.116 8	m
1 km	0.621 371	miles (statute)	1 mile (statute)	1.609 344	km
AREA					
1 cm ²	0.155 0	square inches	1 square inch	6.451 6	cm ²
1 m ²	10.763 9	square feet	1 square foot	0.092 903 04	m ²
1 km ²	0.386 10	square miles	1 square mile	2.589 988	km ²
1 ha	2.471 054	acres	1 acre	0.404 685 6	ha
VOLUME					
1 cm ³	0.061 02	cubic inches	1 cubic inch	16.387 064	cm ³
1 m ³	35.314 7	cubic feet	1 cubic foot	0.028 316 85	m ³
1 m ³	1.308 0	cubic yards	1 cubic yard	0.764 555	m ³
CAPACITY					
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	4.546 090	L
MASS					
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)	31.103 476 8	g
1 kg	2.204 62	pounds (avdp)	1 pound (avdp)	0.453 592 37	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	907.184 74	kg
1 t	1.102 311	tons (short)	1 ton (short)	0.907 184 74	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	1016.046 908 8	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	1.016 046 908 8	t
CONCENTRATION					
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	R.D.
2	Assessment Files Research Office, Toronto	N.A.	R.D.
3	ODM General Index; 9 volumes	Yes	R.D.
4	Catalogue of Airborne Geophysical Surveys (ODM)	Yes	R.D.
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	No	R.D.
6	ODM Industrial Mineral Reports	No	R.D.
7	Bibliography of Post Precambrian Theses - Karow (ODM MP 1)	N.A.	R.D.
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)	Yes	R.D.
9	Newspaper Clippings File	Yes	R.D.
10	GSC Index to Publications	Yes	R.D.
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	Yes	R.D.
12	OGS Index Maps	Yes	R.D.
13	Source Mineral Deposit Records (O.G.S.)	No	R.D.
14	Author - Subject Articles File	Yes	R.D.
15	Miscellaneous Papers: ODM & OGS	Yes	R.D.
16	ODM Geological Circulars: OGS Study Series	Yes	R.D.
17	ODM Preliminary Reports: ODM Bulletins	No	R.D.
18	ODM - OGS Open File Reports	Yes	R.D.
19	OGS Northern Ontario Engineering Geology Terrain Studies	Yes	R.D.
20	OGS Aggregate Resources Inventory Papers	No	R.D.
21	OGS Mineral Potential Maps	Yes	R.D.
22	Theses on File, Sudbury	Yes	R.D.
23	Aerial Photographs on File	Yes	R.D.

METALS AND MINERALS REFERENCES LIST

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

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

MINERAL OCCURRENCES			Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
Map Ref. Letter	Name(s)	Mineralization			
A	Stralak Township Occurrence	py, gf			O.G.S. Rpt. 206 (1981) Chart B, Fig. 18

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 SUDBURY	COMPANY/AUTHOR (file number)	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 RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY
1	Mining Corp. of Canada Ltd.	65										65	65				
2	Rio Tinto Exploration Ltd.							81	81								
3	Tex Sol Exploration Ltd.							72	72								

DRILLHOLE SUMMARY		Assay Data Included for	Mineralization Noted in Log	Total Length of Hole	Thickness of Overburden	Initial Dip of Hole	Bearing Azimuth	Date Drilled	Company Drillhole Number
Map Drilling Location Number	Company Name								

AIRBORNE GEOPHYSICAL SURVEY DATA

No.		By For	Type of Survey	Flight Altitude Feet	Flight Line Direction	Flight Line Spacing
2		Aerodat Limited Rio Tinto Can. Expl.	Airborne Electromagnetic Airborne Magnetic	225	N/S	200 metres
3		Questor Surveys Tex-Sol Explorations Ltd.	Airborne Electromagnetic Airborne Magnetic	150	Normal S	1/8 mi.

GEOCHEMICAL SURVEY DATA	Type of Survey	Analysis For	By	Reference
	Map Sample Site Reference Number			

MISCELLANEOUS DATA

AGE DATING

Site	Method	Material	Reference	Result

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.

Tex-Sol Explorations Ltd.

Northern Miner Feb.15, 1973
Feb.19, 1973
July 1, 1976

ODM GENERAL INDEX SEARCH

Words searched: BENNY LAKE AREA GREENSTONE
 CHEVRON STANDARD LTD. MINING CORP. OF CAN. LTD.
 JEAN DESCARREAUX & ASSOCIATES LTD. PYRITE
 ESKERS PYRRHOTITE
 GLACIAL DEPOSITS RIO TINTO CANADIAN EXPL.
 GRAPHITE STRALAK TOWNSHIP

Index Volume	Listing:	Report Volume	Part	Page
8	BENNY LAKE AREA Summary of Field Work, 1973 Summary of Field Work, 1974	MP56 MP59		111-117 132-138
9	ESKERS Cartier Area, Sudbury and Algoma Dist.	NOTS94		9
3	MINING CORP. OF CANADA LTD. Capital; officers; operations 1926 1927 1928 1929 1930 1931 1932	36 37 38 39 40 41 42	1 1 1 1 1 1 1	164 171 172 154 116 106 105
9	MINING CORP. OF CANADA LTD. Sudbury Area, Sudbury, Dist.	ASR7		80
3	PYRRHOTITE Nickeliferous pyrrhotite, Sudbury and Algoma Dist.	38	7	67
6	RIO TINTO CANADIAN EXPLORATIONS Incorporated Name changed	65 66	1 1	35 37
9	RIO TINTO CANADIAN EXPLORATIONS Sudbury Area, Sudbury, Ont.	MP91		63
3	STRALAK TOWNSHIP Cartier Stralak Area, report on mineral deposits by F. F. Osborne	38	7	52-68

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page

SELECTED REFERENCES		Date	Author	Reference		Map Scales and/or Report Pages
				Title		
				REGIONAL GEOLOGICAL COMPILATION MAPS		
	Card, K. D.	1965		Cartier Sheet, Districts of Sudbury and Algoma	O.D.M. Map P.287	1"=2 mi.
	Card, K. D., Innes, D. G.	1976		Benny Area, Gilbert-Bluewater Lake Sheet	O.D.M. Map P.1106	1"=1/4 mi.
		1976		Benny Area, Stralak-Bannerman Lake Sheet	O.D.M. Map P.1107	1"=1/4 mi.
		1976		Benny Area, Geneva-Munster Lakes Sheet	O.D.M. Map P.1108	1"=1 mi.
		1980		Bluewater Lake, Sudbury District	O.G.S. Map 2434	1"=1/2 mi.
	Card, K. D., Lumbers, S. B.	1974-75		Sudbury-Cobalt Area Geological Compilation (Revised)	O.G.S. Map 2361	1"=1mi.
				GEOPHYSICAL MAPS		
	Gupta, V. K. and Wadge, D. R.	1981		Bouguer Gravity and Generalized Geological Map Sudbury-Onaping Lake Area, Districts of Sudbury and Algoma	O.G.S. Map P.2482	1:100,000
	O.D.M.-G.S.C.	1960		Aeromagnetic Map, Pogamasing, Ontario	Map 1525G	1"=1 mi.
		1965		Aeromagnetic Map, Sudbury, Ontario	Map 7067G	1"=4 mi.
	O.G.S.-G.S.C.	1978		Uranium Reconnaissance Program Airborne Gamma Ray- Spectrometer Survey Sudbury Sheet	Map P.1610	1:250,000
	Dept. of Energy, Mines and Resources	1975		SURFICIAL, PLEISTOCENE, TERRAIN ENGINEERING Topographic Map, Pogamasing, Ontario		1:50,000

SELECTED REFERENCES		Reference	Map Scales and/or Report Pages
Gartner, J. F.	1980	Map 5000	1:100,000
Innes, D. G. and Jost, M.	1977	O.G.S. Map P.1062	1"=16 mi.
Meyn, H. D. and Howarth, J. R.	1977	O.G.S. Map P.1246	1"=16 mi.
Springer, J.	1977	O.G.S. Map P.1512	1:250,000
Springer, J., Robertson, J. A., and Vos, M. A.	1982	OFR5327, Map 2393	1"=16 mi.
Adlington, R.	1981	O.G.S. Map P.2136	1"=4 mi.
Burwasser, G. J.	1976	O.D.M. OFR5185	

SELECTED REFERENCES			Map Scales and/or Report Pages
Author	Date	Title	
Card, K. D. and Innes, D. G.	1981	Geology of the Benny Area, District of Sudbury	O.G.S. Rept.206 Card 002 0101915
Milne, V. G., Hewitt, D. F., and Card, K. D.	1974	Summary of Field Work, 1974	O.D.M. MP59 pp.132-138
Milne, V. G., White, O. L., Barlow, R. B., Robertson, J. A. and Colvine, R. C.	1980	Summary of Field Work, 1980	O.G.S. MP96 p.136, 137
O.D.M.-O.G.S.	1976	Index to Geoscience Data, Mining Corp. of Canada Ltd.	OFR5210 P.A4
Osborne, E.	1929	Cartier-Stralak Areas	O.D.M. AR VOL.38, pt.7, Map 38(H) P.52-68 1"=1 mi.
Thomson, J. E.	1960	Uranium and Thorium Deposits at the base of the Huronian System in the District of Sudbury	O.D.M. CR1 Chart A 1"=6 mi.
Bedell, F. G.	1906	JOURNALS, ARTICLES, THESES, TECHNICAL REPORTS The Sudbury Mining District. Ph.D. UK	MP2
Boyle, R. W.	1976	Mineralization Processes in Archean Greenstone and Sedimentary Belts	G.S.C. Paper 75-15 Sudbury File 2-3 p.29-31
Cunningham-Dunlop, P. K.	1954	Structural Geology of Ontario Pyrite Deposits, Ontario. M.Sc. UT	MP2

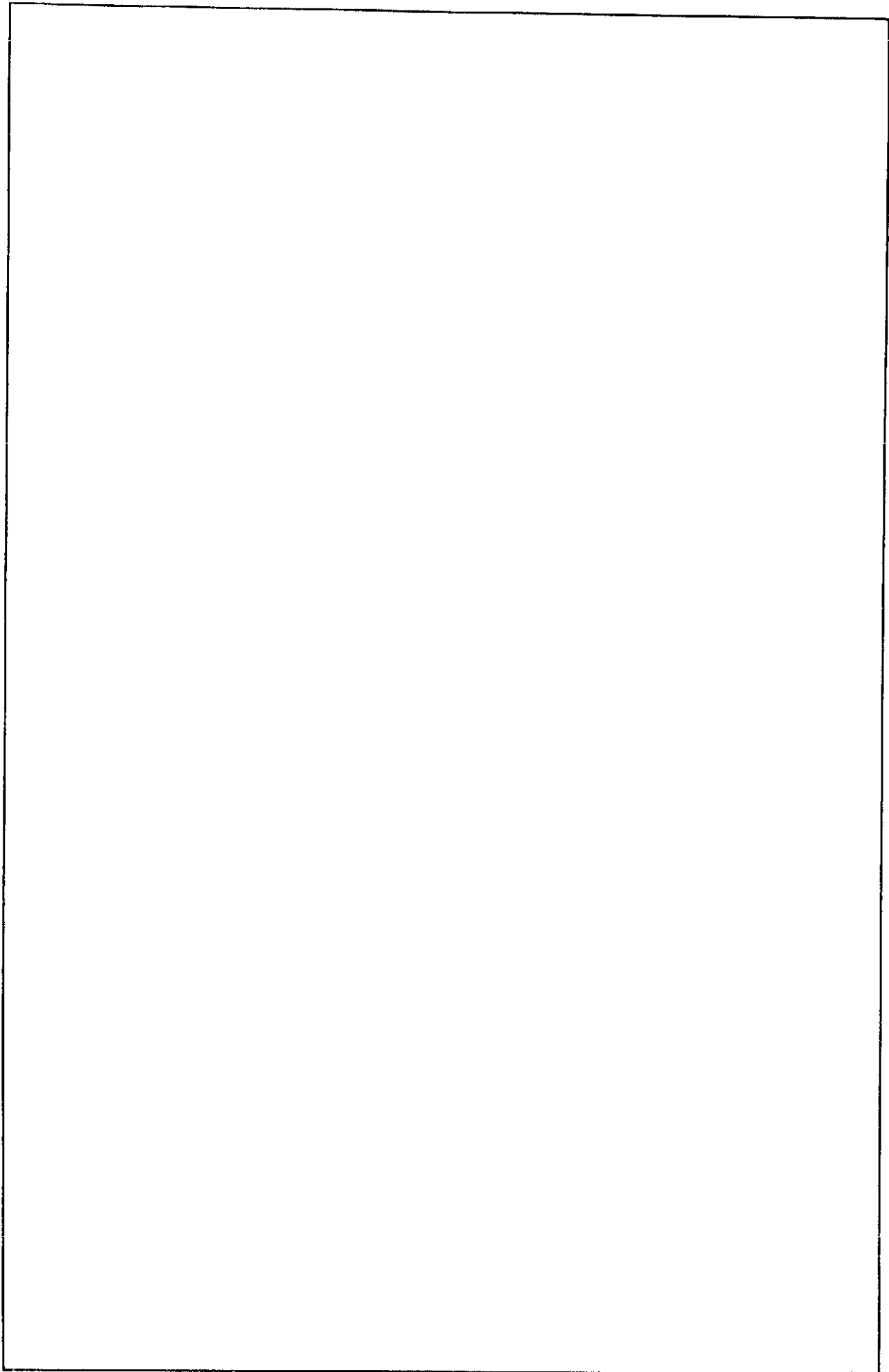
SELECTED REFERENCES		Date	Reference	Map Scales and/or Report Pages
		Author	Title	
Guthrie, A. E.	1980	Ontario Theses File	Volcanic Stratigraphy of the Geneva Lake Greenstone Belts, Ontario. M.Sc. Western	

NOTES AND ADDENDA

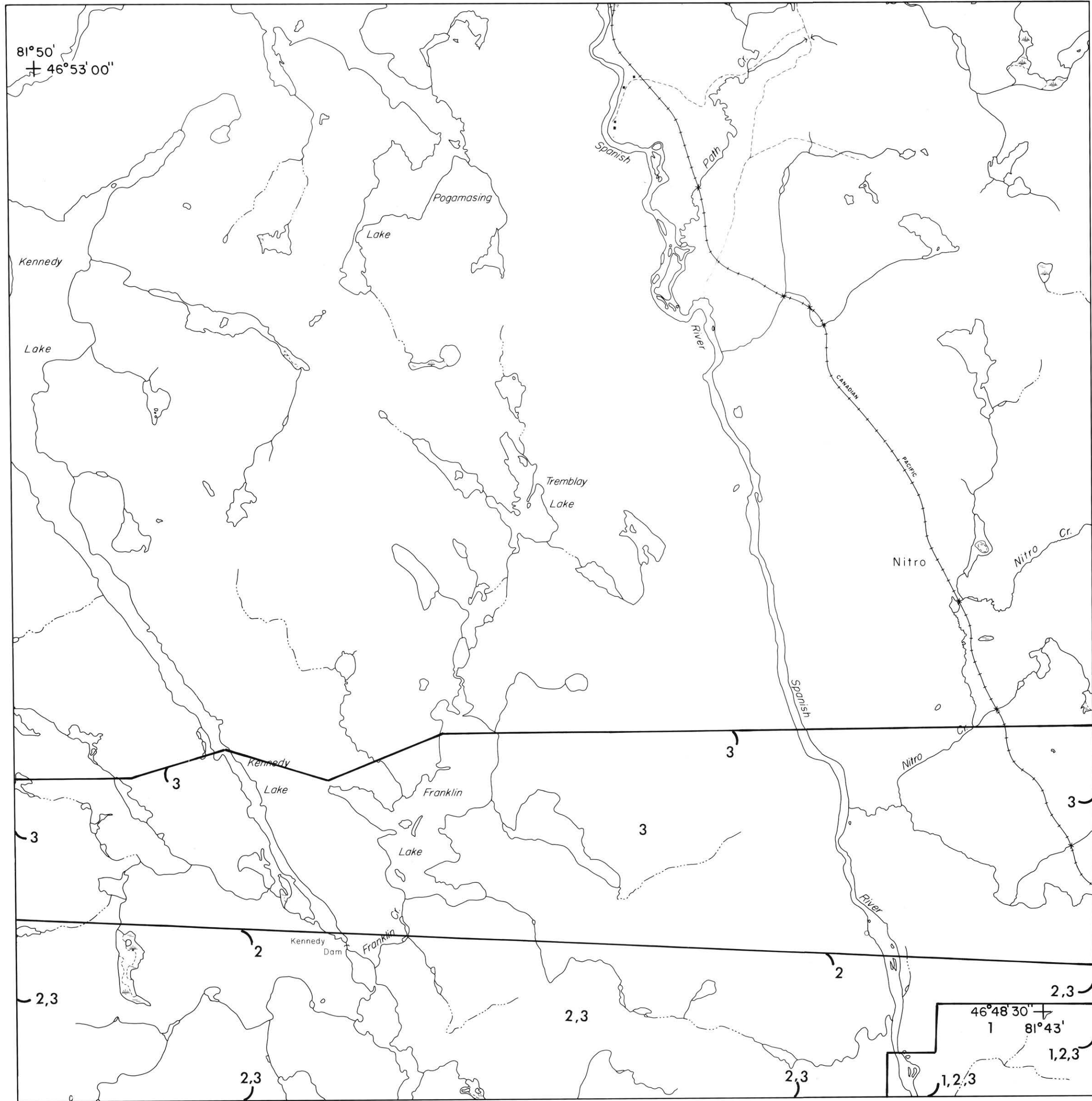
Index to Aerial Photographs

Scale 1"= $\frac{1}{4}$ mile

Year	Roll	Line	Number
1973	27	4636	28-34
	26	4635	183-189
	25	4634	228-234
1959	66	4634	21-27
	66	4633	68-24
	6	4632	114-120



STRALAK TOWNSHIP

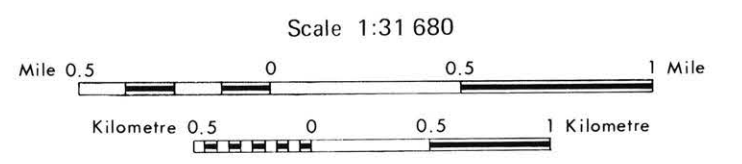


Ministry of Natural Resources
 Hon. Michael Harris
 Minister
 Mary Mogford
 Deputy Minister

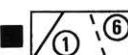
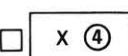
ONTARIO GEOLOGICAL SURVEY
 PROPERTY LOCATION MAP
 GEOLOGICAL DATA INVENTORY FOLIO 239
 (Map 1 of 2)

STRALAK TOWNSHIP

DISTRICT OF SUDBURY



EXPLORATION DATA FILE AREAS

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

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

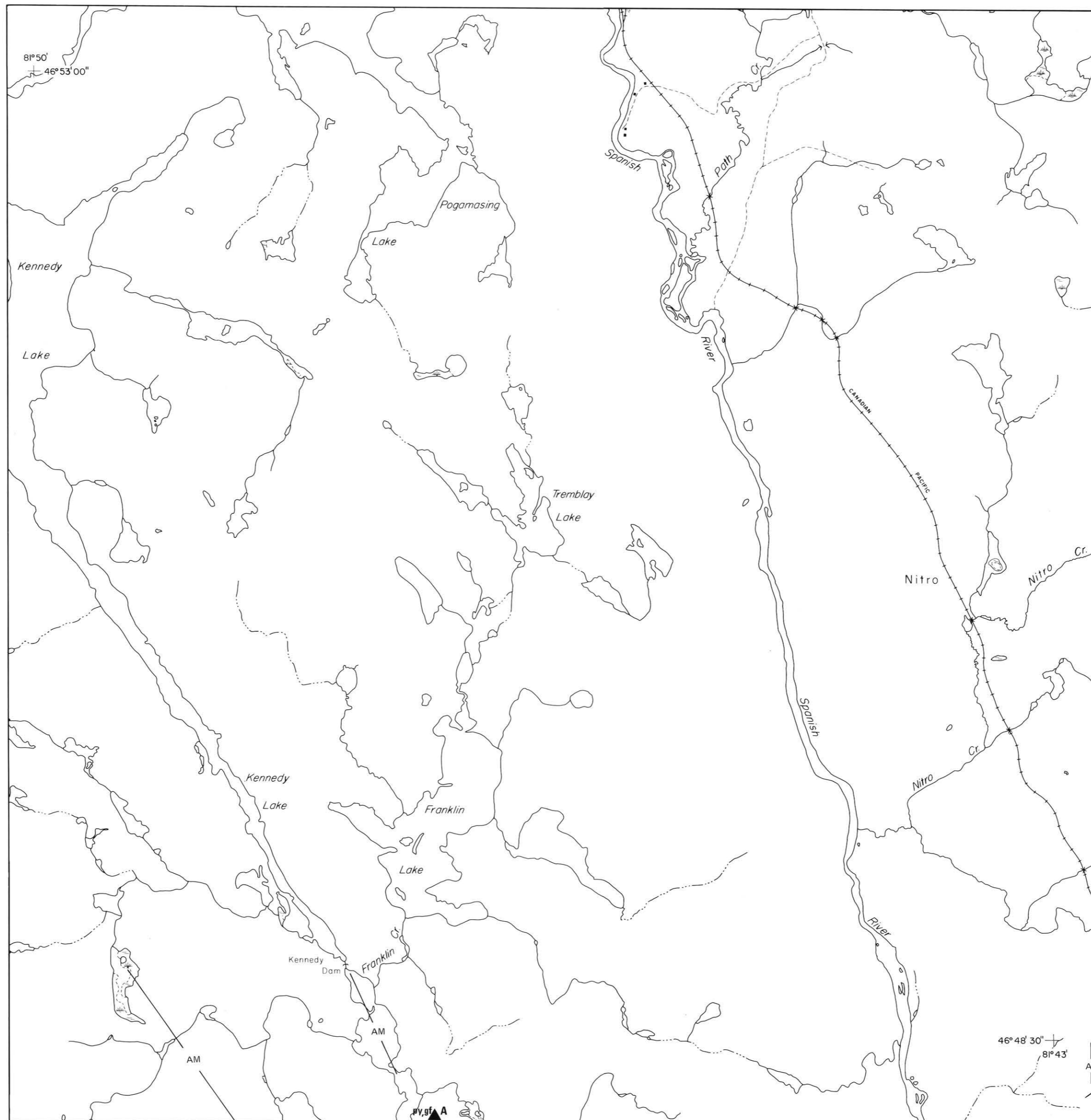
GEOPHYSICAL ANOMALIES

- 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
- Geochemical Anomaly

MISCELLANEOUS DATA

- Trenching, pit
- Adit
- Open pit
- Multiple Pits
- Rock quarry
- Sand and/or gravel pit

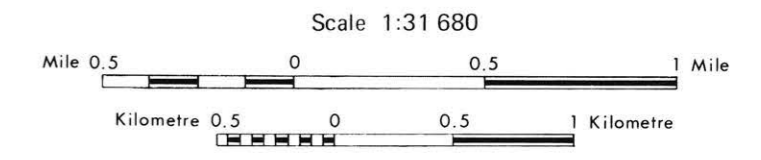
NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.



ONTARIO GEOLOGICAL SURVEY
EXPLORATION DATA MAP
GEOLOGICAL DATA INVENTORY FOLIO 239
 (Map 2 of 2)

STRALAK TOWNSHIP

DISTRICT OF SUDBURY



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