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Ministry of  
Northern Development  
and Mines

René Fontaine  
Minister  
George Tough  
Deputy Minister

ONTARIO GEOLOGICAL SURVEY  
GEOLOGICAL DATA INVENTORY FOLIO  
GDIF 282

# HYMAN 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

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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

NTS Number 41 I/5

Mining Claim Map Number M 945

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Date	Page Revised	Revised by	Date	Page Revised	Revised by

## 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 cooperation 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	M.C.
2	Assessment Files Research Office, Toronto	N.A.	M.C.
3	ODM General Index; 9 Volumes	Yes	M.C.
4	Catalogue of Airborne Geophysical Surveys (ODM)	Yes	M.C.
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	Yes	M.C.
6	ODM Industrial Mineral Reports	Yes	M.C.
7	Bibliography of Post Precambrian Theses - Karrow (ODM MP 1)	No	M.C.
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)	Yes	M.C.
9	Newspaper Clippings File	Yes	M.C.
10	GSC Index to Publications	Yes	M.C.
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	Yes	M.C.
12	OGS Index Maps	Yes	M.C.
13	Source Mineral Deposit Records (O.G.S.) Mineral Occurrences File	Yes	M.C.
14	Author - Subject Articles File	Yes	M.C.
15	Miscellaneous Papers: ODM & OGS Mineral Occurrences File	Yes	M.C.
16	ODM Geological Circulars: OGS Study Series, Reports	Yes	M.C.
17	ODM Preliminary Reports: ODM Bulletins	No	M.C.
18	ODM - OGS Open File Reports	Yes	M.C.
19	OGS Northern Ontario Engineering Geology Terrain Studies	Yes	M.C.
20	OGS Aggregate Resources Inventory Papers	N/A	M.C.
21	OGS Mineral Potential Maps	Yes	M.C.
22	Theses on File, Sudbury	Yes	M.C.
23	Aerial Photographs on File, Sudbury	Yes	M.C.

# METALS AND MINERALS REFERENCES LIST

Δ anh.....	.Anhydrite	Δ fu.....	.Fuchsite	▲ Ni.....	.Nickel	Δ st.....	.Stone
Δ ank.....	.Ankerite	▲ 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	Δ Au.....	.Gold	Δ pent.....	.Pentlandite	Δ th.....	.Thorite
Δ As.....	.Arsenic	Δ gf.....	.Graphite	Δ Pt.....	.Platinum	▲ Th.....	.Thorium
Δ asp.....	.Arsenopyrite	Δ gl.....	.Gravel	▲ py.....	.Pyrite	Δ thuc.....	.Thucholite
Δ zsb.....	.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	▲ po.....	.Pyrrhotite	Δ tour.....	.Tourmaline
Δ Bi.....	.Bismuth	Δ Fe.....	.Iron	Δ q.....	.Quartz	Δ trap.....	.Trap rock
Δ bn.....	.Bornite	Δ IF.....	.Iron Formation	Δ qcv.....	.Quartz carbonate vein	Δ W.....	.Tungsten
Δ bran.....	.Brannerite	Δ jas.....	.Jasper	▲ ra.....	.Radioactive minerals	Δ uran.....	.Uraninite
Δ bruc.....	.Brucite	Δ kaol.....	.Kaolinite (kaolin)	Δ RE.....	.Rare Earths	▲ 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
▲ cc.....	.Chalcocite	Δ mgst.....	.Magnesite	Δ shee.....	.Scheelite	▲ S.....	.Sulphide
▲ 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	Δ Ag.....	.Silver		
Δ cb.....	.Columbite	Δ ma.....	.Marl	Δ cl.....	.Slate		
▲ Cu.....	.Copper	Δ mi.....	.Mica	Δ sm.....	.Smaltrite		
Δ cor.....	.Corundum	Δ ml.....	.Millerite	Δ sod.....	.Sodalite		
Δ dol.....	.Dolomite	Δ mo.....	.Molybdenite	Δ spec.....	.Specularite		
Δ ep.....	.Epidote	Δ Mo.....	.Molybdenum	▲ sp.....	.Sphalerite		
Δ ery.....	.Erythrite	Δ mon.....	.Monazite	Δ spd.....	.Spodumene		
Δ fel.....	.Feldspar	Δ ne.....	.Nephelite (nepheline)	Δ staur.....	.Stauriolite		
Δ fl.....	.Fluorite (fluor spar)	Δ nc.....	.Nicolite	Δ stib.....	.Stibnite		

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

<b>MINERAL OCCURRENCES</b>				Additional References and/or Remarks
Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	
A	Agnew Lake Mine	U	U6 SMDR 401	GR1, pp.22-24
B	East Bay Occurrence	PY,CP, U,Th	U24 SMDR 403	MRC9, pp.74,75  MRC9, p.76 MDC25, pp.106,107
C	Keba Prospect (Gauthier)	po,cp	-	MRC12, p.250
D	Kordol (Main) Prospect	Ni,Cu	Ni6	MRC12, pp.250,251
E	Kordol Prospect	Ni,Cu	-	Gr. 34, p.31 O.D.M. Map P.133 O.D.M. Map 2055
F	Kordol Prospect	Ni,Cu	-	O.D.M. Map P.133 O.D.M. Map 2055
G	Kordol Prospect	Ni,Cu	-	O.D.M. Map P.133 O.D.M. 2055
H	John Creek Bay Occurrence	U	U7 SMDR 404	O.D.M. Map P.133 O.D.M. Map 2055
I	Chemical Research Corp.Occurrence	U	U29	MRC9, pp.76,77 MDC25, p.105
J	Richore Occurrence	U	U14 SMDR 405	O.D.M. Map 2055  O.D.M. Map 2055



MINERAL OCCURRENCES		Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
K	Pond Occurrence	Cu26	MRC12, p.278	GR34, p.31 O.D.M. Map 2055 O.D.M. P.133
L	Yellowknife Bear Occurrence	U30	MRC9, p.85	O.D.M. Map P.133 O.D.M. Map 2055
M	Lot 12, Con. I Occurrence	-	-	

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

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 RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY	MINE DEMATERED	PRODUCTION	SHAFT SINKING	
1 EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE SUDBURY COMPANY/AUTHOR (file number) 69 Agnew Lake Mines Ltd. (Agnew Lake Mine, Kerr Addison Mines, Uranertz Exploration and Mining Ltd., Anglo American Corp. of Canada Ltd., Quebec Mattagami Minerals Ltd., Canadian Thorium Corp. Ltd., New Thurbois Mines Ltd.)	69			54 <sup>1</sup> 55 <sup>1</sup> 65 <sup>2</sup> -69	69	68 -70 75 -79											74 -75	77 <sup>3</sup> -83	67 <sup>4</sup> -68	
2 Agnew Lake Uranium Mines Ltd.	55																			
3 Amex Exploration Inc. ((Canadian Nickel Co. Ltd.)				76						74										
4 Arcadia Nickel Corp. Ltd. (Keba Prospect)				55																
5 Baranouri Uranium Mines Ltd.				55																
1 By New Thurbois Mines 2 By Quebec Mattagami Minerals & Kerr Addison Mines 3 Bacterial leaching 4 Vertical, 3411'																				

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

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 RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY	MINE DEMATERED	PRODUCTION	SHAFT SINKING		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE SUDBURY																					
COMPANY/AUTHOR (file number)																					
6 Broulan Reef Mines Ltd.			69																		
7 Buchy, H.			70 73																		
8 Canadian Thorium Corp. Ltd. (Quebec Mattagami Minerals Ltd., New Thurbois Mines Ltd.)	55				55		67														
9 Carmont Mines Ltd. (Camisso, A.)	69		69		69		69						69								
10 Chemical Research Corp. (Canada) Ltd., (Newlund Mines Ltd.)	54		53 <sup>5</sup> 54										53 <sup>5</sup> 54								
11 Cominco Ltd. (Tammenen, T.)	81	81	81	83																	
12 Consolidated Morrison Ltd. (Cominco Ltd.)	77		77 78 82							74											
5 No Data																					

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

TYPE OF WORK		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
13	EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE SUDBURY COMPANY/AUTHOR (file number) East Bay Gold Ltd. (Monteagle Minerals Ltd., Imperial Oil Enterprises Ltd., Milner, G. N.)	67		67 68 69	67 -70	67 69								67			
14	Falconbridge Nickel Ltd. (Keba Prospect)	53							53				53				
15	Kerr Addison Mines Ltd. (Agnew Lake Mines Ltd., Amax Exploration Inc., Quebec Mattagami Minerals Ltd., Rose, E. A.)	77			65 66 67 68 69 71	68								76 77			
16	Kordol Explorations Ltd., (Kordol Prospect)	59		-59	59 60	60		59 60	59			59	60 <sup>4</sup>				
17	Monteagle Minerals Ltd. (East Bay Gold Ltd., Milner, G. N., Imperial Oil Enterprises Ltd.)	68			69	70		69 70									
18	Newlund Mines Ltd., (Chemical Research Co. Ltd.)	68			68									68			
19	New Thurbois Mines Ltd., Que-Mattagami Minerals Ltd.)	55			55	55											

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

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 RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY	
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE SUDBURY																	
COMPANY/AUTHOR (file number)																	
20 Noranda Mines Ltd. (John Creek Bay Occurrence)	52 54		-54	54	54						52 <sup>6</sup>		54				
21 Quebec Mattagami Minerals Ltd. (New Thurbois Mines Ltd., Kerr Addison Mines Ltd.)	66			66	66		66										
22 Richore Gold Mines Ltd. (Vezina, Y.)	69		69 <sup>7</sup>	69	69		69				68		69				
23 Rose, E. A.	73 75 76				75								73 <sup>5</sup> 76				
24 Spanish Basin Mines Syndicate Ltd., Nairn Copper Co. Ltd., Keba Prospect)			28 <sup>5</sup> -29	28 <sup>5</sup> -29													
25 Yellowknife Bear Mines Ltd.				-68 <sup>5</sup>													
6 No Anomaly 7 Bulk Sampling																	

DRILLHOLE SUMMARY		Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
Map Drilling Location Number										
1	Amex Explorations Inc.	54028	1976	289	45	8	351	py	-	
1a	(Canadian Nickel)	54038	1976	289	87	7	220	py, cp	-	
2		54033	1976	155	45	90	650	py	-	
3		54034	1976	289	50	44	141	py	-	
3a		54035	1976	289	55	43	271	py	-	
4		54039	1976	244	45	4	286	po	-	
5		54040	1976	335	45	4	490	hem, py	-	
5a		54041	1976	335	45	8.3	432	py, ra	-	
6	Arcadia Nixkel Corp. Ltd.	3	1955	180	45	26	300	po, cp	-	
7		2	1955	180	45	10	300	po, cp	-	
8	Baranouri Uranium Mines Ltd.	1	1955	N45W	45	17	1000	py, hem, ra	-	
8a		2	1955	S45E	40	20	1000	py	-	
9		3	1955	N45W	45	4	502	-	-	
10		4	1955	N45W	45	17	409	-	-	
11	Broulan Reef Mines Ltd.	BHY-1A	1969	-	90	5	535	py	-	
11a		BHY-1B	1969	-	90	4	227	-	-	
11b		BHY-1D	1969	-	90	2	364	-	-	
11c		BHY-1E	1969	132	75	4	754	py, gn	-	
12	Cominco Ltd.	H83-1	1983	140	45	11	197	py, cp	-	
13		H-83-2	1983	320	45	6	147	py	-	
14		77-1	1977	330	87	4	777	-	-	
15	Consolidated Morrison Explorations Ltd.	77-4	1977	345	75	100	777	py, cp, po, gf	-	
16		77-5	1977	360	75	4	1287	py, po, cp	-	
17		77-6	1977	180	60	44	268	cp, py	-	
18		77-7	1977	180	60	48	241	gt	-	
19		77-8	1977	270	70	13	462	py, ra	-	
20		77-9	1977	290	70	85	897	py, ra, gt	-	
21		77-3	1977	330	80	6	1207	py, po	-	
22		77-2	1977	330	80	4	712	-	-	
23		77-10	1977	250	75	4	168	-	-	
24		78-A1	1978	345	80	32	3146	hem, ra, py, po	-	
25	Consolidated Morrison Explorations (Cominco Ltd.)	HY-82-1	1982	320	45	3M	41M	py	-	
26		HY-82-2	1982	320	45	2M	33M	py, mag	-	

GDIF FORM NO. 3

DRILLHOLE SUMMARY		Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
Map Drilling Location Number	Map Drilling Location Number									
27		Consolidated Morrison Explorations Ltd. (Cominco Ltd.)	HY-82-3	1982	320	45	0M	61M	py, cp	-
28		East Bay Gold Ltd.	1	1967	N35W	30	3	312	py, ra	U, Th
28a		(Monteagle Minerals)	2	1967	N35W	60	3	158	py, cp, ra	U, Th
29		(Imperial Oil Enterprises)	3	1967	N30W	30	0	129	ra, py, cp	U, Th
29a			4	1967	N30W	64	10	225	ra	-
30			5	1967	S40E	45	15	260	-	-
31			M1	1969	S30E	50	6	1250	py, po, cp, ra	U, Th
31a			M2	1969	S30E	70	7	1580	py, po, cp, ra	U, Th
32			M4	1969	180	75	4	1898	po, py, ra	-
33			M8	1969	180	55	6	491	po, py, gn	-
34			M3	1969	S30E	75	2.5	426	po, py	-
34a			M5	1969	S30E	85	5	554	py, sp	-
34b			M6	1969	S12E	85	4	1919.5	py, cp, po	-
34c			M9	1969	N45W	52	6	1198	py, po	-
35			M7	1969	S30E	53	4	1050	ra, gn, po, py, cp	-
36		Kerr Addison Mines	67-7A	1967	N10W	85	-	602-1325	wedged from 67-	7
37			67-E17A	1967	-	90	-	998-1234	wedged from 67	E-17
38			65-1	1965	346	45	12	963	py, cp, po	-
38a			66-10	1966	346	72	7	142	py, ra	-
38b			66-10A	1966	Wedged	959'	1018'	59	-	-
39			67-1	1967	N15W	75	14	1754	py	-
40			67-2	1967	N10W	75	14	2778	py	-
41			65-2	1965	351	54	41	751	py, po	-
42			65-4	1965	344	45	34	443	-	-
42a			65-8	1965	344	70	13	1095	-	-
43			65-3	1965	346	44	43	190	-	-
44			65-5	1965	340	45	54	339	cp	-
44a			65-6	1965	350	45	46.5	278	-	-
45			65-7	1965	348	43.5	57	363	-	-
45a			65-9	1965	348	69	49	480	cp, po	-
45b			65-10	1965	-	90	45	1080	py, ra	-

DRILLHOLE SUMMARY		Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
Map Drilling Location Number										
45c		Kerr Addison Mines	65-10A	1965	Wedged	916-1056		140	py,ra	-
45d			65-10B	1965	Wedged	410-730		320	-	-
46			67-9	1967	-	90	25	1226	-	-
47			66-1	1966	-	90	69	1261	py,cp	-
47a			66-1A	1966	Wedged	1096-1228		132	-	-
47b			66-1B	1966	Wedged	1204-1428		224	-	-
47c			66-2	1966	N	87	65	266	-	-
47d			66-3	1966	N	80	69	1135	cp,ra	-
48			66-4	1966	N05W	75	24	147	-	-
48a			66-5	1966	N05W	80	21	1082	-	-
48b			66-5A	1966	Wedged	674-841		167	py,cp	-
49			66-E1	1966	360	45	0	136.8	py	-
49a			66-E2	1966	345	45	0	132	-	-
49b			66-E3	1966	355	45	0	113	-	-
50			66-E4	1966	N	70	10	1000	-	-
51			66-E5	1966	335	55	0	52	py	-
51a			66-E11	1966	335	50	0	114.3	-	-
51b			67-E5	1967	350	50	8	308	-	-
52			67-E7	1967	350	50	6	79	-	-
52a			67-E7A	1967	350	50	8	429	-	-
53		69-E3	1969	S20E	80	15	2007	ra	-	
54		66-E6	1966	345	65	0	130.3	cp,py	-	
55		66-E19	1966	340	45	18	542	-	-	
55a		67-E15	1967	N17W	54	0	103	-	-	
56		66-E12	1966	360	70	8	222	-	-	
56a		66-E16	1966	360	74	8	1212	-	-	
57		66-E14	1966	340	45	10	905.	-	-	
57a		69-E2	1969	S20E	80	4	1999	-	-	
58		66-E21	1966	-	90	28	327	-	-	
59		66-E23	1966	342	45	40	534	py,cp	-	
60		66-E24	1966	342	45	80	80	-	-	
60a		66-E24A	1966	342	50	101	101	-	-	

GDIF FORM NO. 3



DRILLHOLE SUMMARY		Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
Map Drilling Location Number										
60b	Kerr Addison Mines	66-E-24B	1966	342	65	98	646	-	-	
61		67-E1	1967	350	45	76	742	-	-	
62		66-11	1966	N15W	?	No Log				
62a		66-11A	1967	Wedged	1690-	1805	2739	py	-	
63		67-8	1967	360	76	20	1256	-	-	
63a		67-8A	1967	Wedged	999-	1185	186	py	-	
64		66-12	1966	-	90	0	142	-	-	
65		67-4	1967	360	85	4	1261	-	-	
65a		67-4A	1967	Wedged	778-	1582	804	-	-	
65b		67-4B	1967	Wedged	894-	3722	2828	py, cp, ra	-	
66		67-7	1967	350	85	22	2002	-	-	
66b		67-7B	1967	Wedged	566-	3833	3267	ra, cp, py	-	
67		67-10	1967	360	79	11	1388	-	-	
68		67-E2	1967	360	65	6	1492	-	-	
69		67-E3	1967	350	50	38	365	-	-	
70		67-E4	1967	N10W	50	12	364	-	-	
71		67-E6	1967	360	50	8	756	-	-	
72		67-E8	1967	360	80	33	1899	cp	-	
73		67-E9	1967	170	85	43	1016	cp, po	-	
74		67-E11	1967	S10W	45	8	763	-	-	
75	67-E10	1967	190	45	6	458	-	-		
76	67-E12	1967	360	75	0	121.5	-	-		
76a	67-E13	1967	-	90	0	122	-	-		
77	67-E14	1967	-	90	0	129	-	-		
78	67-E16	1967	360	86	63	477	-	-		
78a	67-E16A	1967	Wedged	399-	966	567	-	-		
78b	67-E16B	1967	Wedged	635-	1155	520	-	-		
78c	67-E16C	1967	Wedged	1029-	2085	1056	-	-		
79	67-E17	1967	-	90	2	1096	-	-		
79a	67-E17B	1967	Wedged	1185-	3319	2134	-	-		
80	68-E1	1968	350	70	8	1498	-	-		
80a	68-E1A	1968	Wedged	1372-	1497	125	-	-		
80b	68-E1B	1968	Wedged	1011-	1330	319	-	-		

DRILLHOLE SUMMARY		Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
Map Drilling Location Number										
81		Kerr Addison Mines	68-E2	1968	351	75	14	1732	py,ra	U,Th
82			68-E4	1968	325	75	6	1240	py,ra	U,Th
83			68-E3	1968	-	90	2	1456	cp,py	-
84			68-E5	1968	N05E	70	43	1508	S,ra	-
85			69-E1	1969	360	65	5	1312	-	-
86			69-E4	1969	337	50	9	1008	-	-
87			71-E1	1971	157	60	112	1058	py	-
87a			71-E2	1971	157	50	132	132	-	-
87b		71-E3	1971	157	50	76	76	-	-	
88		71-E6	1971	160	50	5	1242	py	-	
89		Kordol Explorations	1	1959	S48E	No Logs	No Logs	-	-	-
89a			2	1959	S48E	No Logs	No Logs	-	-	-
89b			3	1959	S48E	No Logs	No Logs	-	-	-
89c			4	1959	S48E	No Logs	No Logs	-	-	-
89d			5	1959	S48E	No Logs	No Logs	-	-	-
89e			6	1959	S48E	No Logs	No Logs	-	-	-
90			7	1960	315	45	44	155	-	-
90a		8	1960	315	45	49	223	po,cp	-	
90b		9	1960	316	45	41	289	po,cp	-	
90c		10	1960	313	45	17	367	po,cp	-	
90d		11	1960	315	52	15	450	po,cp	-	
90e		12	1960	315	45	25	206	po,cp	-	
90f		13	1960	315	52	28	264.6	S	-	
90g		14	1960	315	32	10	339.2	po,cp	Cu,Ni	
90h		15	1960	135	70	9	349	po,cp	-	
90i		16	1960	315	53	6	303.5	po,cp	-	
90j		17	1960	313	55	4	393.2	po,cp	-	
90k		18	1960	315	66	31	443	po,cp	-	
91		Newlund Mines New Thurbois Mines	1	1968	N	45	0	104	-	-
92			1	1955	S22E	45	8.5	179	-	-
92a			2	1955	S22E	45	16	162	ra,cp	-
92b			3	1955	S22E	45	12	135	-	-
92c		4	1955	S04E	45	4	271	-	-	

GDI FORM NO. 3

DRILLHOLE SUMMARY		Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
		New Thurbois Mines								
92d			5	1955	S15E	45	8	201	ra,py	-
92e			6	1955	S20E	45	4.5	321	ra,py	-
92f			7	1955	S30E	45	7	202	py,ra	-
92g			8	1955	S12E	30	13	135	py,ra	-
92h			9	1955	S12E	60	3	202	ra,py,cp,cc	-
92i			10	1955	S12E	45	7	341	ra	-
92j			11	1955	S	?	5	370	-	-
92k			12	1955	S10E	?	13	335	S	-
92l			13	1955	S06W	?	6	312	S,py	-
92m			14	1955	S	?	25	272.6	-	-
92n			15	1955	S	?	13	209	S	-
92o			16	1955	S	?	42	239	-	-
92p			17	1955	S	?	17	270	ra	-
92q			18	1955	S02E	?	28	301	-	-
92r			19	1955	S25W	?	?	45	-	-
92s			20	1955	N25E	?	28	260	ra	-
92t			35	1955	S15E	45	11	527	gn,cp	-
92u			38	1955	S30E	45	32	444	cp,ra	-
92v			40	1955	S60E	45	32	646.5	ra	-
92w			41	1955	N20E	45	82	781	ra,S	-
92x			42	1955	N18E	?	51	608	ra	-
92y			43	1955	S38E	?	18	537	py	-
92z			45	1955	N18E	?	60	463	ra	-
92aa			46	1955	N18E	No Log				-
93			21	1955	S17E	?	5	953	py,ra	-
93a			22	1955	S17E	60	12.5	717	ra	-
93b			23	1955	S17E	?	27	323	py	-
93c			24	1955	S36E	60	60	323	S,ra	-
93d			25	1955	S36E	?	50	331	S	-
94			29	1955	N10W	No Log				-
94a			31	1955	N10W	No Log				-
94b			32	1955	S16E	45	13	401	py,po,cp	-
95			26	1955	S36E	45	111	620	ra,S	-

DRILLHOLE SUMMARY		Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
95a		New Thurbois Mines	27	1955	360	45	55	391	cp,ra	-
95b			28	1955	360	45	30	656	ra,py	-
95c			30	1955	360	45	45	492	ra	-
95d			33	1955	360	45	65	210	-	-
95e			34	1955	360	45	23	778	ra	-
95f			36	1955	N	45	75	705	ra	-
95g			39	1955	N	45	44	782	ra	-
95h			44	1955	N	45	99	719	ra	-
96			221	1955	N13W	55	48	221	-	-
96a			223	1955	N13W	45	48	159.3	-	-
96b			225	1955	N13W	45	10	148	ra	-
96c			227	1955	N13W	45	16	252	ra	-
97			201	1955	N13W	45	4	231	ra	-
97a			201A	1955	347	45	42	456	S,ra	-
97b			201B	1955	347	60	5	890	-	-
97c			202	1955	N13W	45	10	161	ra	-
97d			203	1955	N13W	45	9	181	ra	-
97e			204	1955	N13W	45	14	208.5	ra	-
97f			205	1955	N13W	45	18	175	ra	-
97g			205A	1955	347	45	23	473	-	-
97h			206	1955	347	45?	9	183	-	-
97i			208	1955	347	45?	16	217	S	-
97j			208A	1955	347	45	43	433	-	-
97k			210	1955	347	?	7	200	S	-
97l			210A	1955	347	50	16	491	-	-
97m			224	1955	347	45	12	218	ra	-
97n			226	1955	347	45	15	267	-	-
98			207	1955	347	45?	21.6	147	-	-
98a			209	1955	347	38	15	224	-	-
98b			211	1955	347	?	11	224	ra	-
98c			213	1955	347	45	9	224	-	-
98d			213A	1955	347	50	23	515	-	-
98e			215	1955	347	45	9	221	S,py	-
98f			217	1955	347	45	9	191.3	ra,S	-

DRILLHOLE SUMMARY		Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
Map Drilling Location Number										
98g	New Thurbois Mines	219	1955	347	45	9	182	ra	-	
98h		229	1955	347	45	11	210	ra	-	
98i		229A	1955	347	45	28	548	-	-	
98j		231	1955	347	45	20	253	ra	-	
98k		231A	1955	347	45	22	489	-	-	
98l		233	1955	347	45	11	262	ra	-	
98m		235	1955	347	45	9	227	ra	-	
98n		235A	1955	347	45	12	528	-	-	
98o		237	1955	347	45	15	209	S,ra	-	
98p		239	1955	347	45	60	286	ra	-	
98q		239A	1955	347	?	No Log				
99		212	1955	347	47	8	321	ra,py	-	
99a		214	1955	347	45	38	350	S	-	
99b		216	1955	347	45	42	233	-	-	
99c		218	1955	347	45	24	435	py	-	
99d		228	1955	347	45	27	252	ra	-	
100		220	1955	347	45	15	397	ra	-	
100a		222	1955	347	45	14	240	-	-	
101		Y2	1955	N	?	66	617	S,ra	-	
102		Y3	1955	N	45	43	891	po,cp,S	-	
103		A.L.V.1	1955	N	45	63	688	-	-	
103a		A.L.V.2	1955	S	45	65	1013	ra	-	
103b		A.L.V.3	1955	N	45	38	143	-	-	
104		1	1954	N41W	45	3	277	po,cp,py	-	
104a		2	1954	N41W	45	11	258	po,py,cp,ra	U	
104b		3	1954	N41W	45	9	219	ra,po,py,cp	U	
104c		4	1954	N40W	45	2.7	211	ra,cp,py,po	U	
104d	5	1954	N41W	45	3	446	ra,py,po	U		
104e	6	1954	N41W	45	8.7	296	po	-		
104f	7	1954	N41W	45	2.6	411	po,ra,gn,cp	U		
104g	8	1954	N41W	45	5	296	S,ra,po	U		
105	9	1954	S09E	45	35	253	py,cp,po,ra	U		

GDIF FORM NO. 3

DRILLHOLE SUMMARY		Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
105a	Noranda Mines	10	1954	S09E	45	31.2	219	-	-	
106		P.S.1	1954	S44W	45	-	25	py	-	
106a		P.S.2	1954	S53W	50	-	32	py	-	
106b		P.S.3	1954	S41W	45	-	35	py,ra	U	
106c		P.S.4	1954	N61E	61	-	22.6	-	-	
106d		P.S.5	1954	N74W	47	-	29	py	-	
106e		P.S.6	1954	N62W	51	-	25	py	-	
107		P.S.7	1954	N05W	51	-	21.4	ra	U	
107a		P.S.8	1954	N12E	45	-	15	-	-	
108		Richore Gold Mines	R-1	1969	N25E	45	10	834	ra,py	-
109			R-2	1969	N25E	60	3.4	305	ra,py	-
110	R-3		1969	S07W	60	3.5	825	ra	-	
111	R-4		1969	S07W	70	6	3502	ra,cp,po	-	

## AIRBORNE GEOPHYSICAL SURVEY DATA

No.	By For	Type of Survey		Flight Altitude	Flight Line Direction	Flight Line Spacing
9	P. G. Lacombe, Carmont Mines Ltd.	Radiometric		150'	N/S	400'
12	Aerodat Ltd., Consolidated Morrison Exploration Ltd.	Radiometric, Magnetic		125'	SE/NW	660'
3	Aerodat Ltd., Amax Exploration Inc.	Magnetic, Radiometric		125'	N/S	660'
22	P. G. Lacombe & Associates Richore Gold Mines	Radiometric		150'	N/S	1/8 mile

<b>GEOCHEMICAL SURVEY DATA</b>			Reference
Map Sample Site Reference Number	Type of Survey	Analysis For	
1	Pit & Outcrops sampling	Au, Ag, Cr, Ni	Cominco Ltd.  Sudbury Files Hyman - 0024-B1



# 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.

## Acme Gas & Oil Ltd.

Northern Miner      May 16, 1968  
                              ? , 1968  
                              Aug.17, 1968  
                              Nov.21, 1968

## Aghew Lake Mines Ltd.

Northern Miner      July 27, 1967  
                              Aug.12, 1967  
                              Sept.7, 1967  
                              Oct.19, 1967  
                              Nov.2, 1967  
                              Sept.26, 1968  
                              Apr.24, 1975  
                              Oct.16, 1975  
                              Jan.8, 1976  
                              Feb.19, 1976  
                              Mar.11, 1976  
                              Mar.18, 1976  
                              Apr.22, 1976  
                              May 27, 1976  
                              Oct.21, 1976  
                              Feb.17, 1977

Sudbury Star          Jan.16, 1979  
Northern Miner        Apr.19, 1979  
Sudbury Star          Apr.25, 1979  
Northern Miner        Apr.26, 1979  
Sudbury Star          May 1, 1979  
Engineering &  
Mining Journal        May, 1979  
Northern Life (?)      Sept.26, 1979  
Northern Miner        Sept.27, 1979  
Northern Life          Mar.19, 1980  
Sudbury Star          Apr.1, 1980  
Canadian Mining  
Journal                Aug., 1980  
Northern Miner        Nov.19, 1982  
Northern Miner        Nov.25, 1982

## Consolidated Morrison Ltd.

Northern Miner      Apr.?, 1976

## Kerr Addison Mines Ltd.

Northern Miner      July 12, 1966  
                              Aug.11, 1966  
                              Aug.18, 1966  
                              Sept.1, 1966  
                              Sept.8, 1966  
                              Oct.20, 1966

# 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.

## Kerr Addison Mines Ltd.

Oct.27, 1966  
Nov.10, 1966  
Mar.11, 1967  
Apr.27, 1967  
May 18, 1967  
June 22, 1967  
June 29, 1967  
Feb.24, 1968  
Apr.18, 1968  
Apr.25, 1968  
Aug.15, 1974  
Apr.24, 1975  
Nov.13, 1975  
Jan.8, 1976  
Feb.19, 1976  
Mar.11, 1976  
Mar.18, 1976  
May 27, 1976  
July 8, 1976  
July 15, 1976  
July 29, 1976  
Sept.9, 1976  
Oct.21, 1976  
Feb.17, 1977  
Apr.19, 1979  
Aug.2, 1979  
Sept.27, 1979  
Nov.8, 1979  
Aug.7, 1980

## Kerr Addison Mines Ltd.

Northern Miner Apr.22, 1982  
May 13, 1982  
Nov.19, 1982  
Nov.25, 1982

## Monteagle Minerals Ltd.

Northern Miner Mar.20, 1969  
Apr.3, 1969  
Apr.17, 1969  
Oct.2, 1969

## Newlund Mines Ltd.

Northern Miner June 29, 1967  
Mar.21, 1968

Richore Gold Mines Ltd.

Northern Miner      July 16, 1968  
                            Dec.12, 1968  
                            Mar.20, 1969  
                            Apr.17, 1969  
                            Aug.7, 1969

Quebec Mattagami Minerals Ltd.

Northern Miner      Feb.2, 1967  
                            July 6, 1967  
                            Jan.18, 1968  
                            Feb.1, 1968  
                            Apr.4, 1968

# ODM GENERAL INDEX SEARCH

**Words searched:**

AGNEW LAKE	BARANOURI URANIUM MINES	CHEMICAL RESEARCH CORP.
AGNEW LAKE MINE	BIG EDDY DAM	COMINCO LTD.
AGNEW LAKE URANIUM MINES	BROULAN REEF MINES	CONGLOMERATE
AMALGAMATED LARDER	BUCHY, H.	CONSOLIDATED MORRISON
AMAX EXPLORATION INC.	CANADIAN THORIUM CORP.	EAST BAY GOLD LTD.
ARCADIA NICKEL CORP.	CARMONT MINES	FALCONBRIDGE NICKEL

Index Volume	Listing:	Report Volume	Part	Page
5	AGNEW LAKE, Spanish r.			
	Glacial deposits	61	4	22
	Rocks	61	4	10,12,18
	breccia, notes and photo	61	4	20,21
7	AGNEW LAKE, Spanish R.			
	Access	GR5		2
	Glacial deposits	GR5		23
	Uranium, See below			
7	AGNEW LAKE AREA, N. of Espanola			
	Nickel-copper deposits	GR34		31
	Rocks	GR1		6,8,9
	Notes and sk map	GR34		21,27
	Structure	GR1		11,12
	Uranium mining properties	GR1		27-25, 32,37
	Location of, See Chart A with	GR1		
8	AGNEW-ELLIOTT LAKES AREA, Algoma & Sudbury Dist.			
	uranium	MP17		87-98
		MP24		29
		MP34		3
		MP61		12
8	AGNEW LAKE			
	Espanola area, Sudbury Dist.	MP17		77,79
		MP34		64
9	AGNEW LAKE			
	Espanola area, Sudbury Dist.	GR166		19,183, 212
		MP65		13,21
		S16		86,87
9	AGNEW LAKE ANTICLINE			
	Sudbury area, Sudbury Dist.	S16		86
8	AGNEW LAKE MINE			
	Hyman Tp., Sudbury Dist.	MP60		173,176
8	AGNEW LAKE MINES LTD.			
	Hyman Tp., Sudbury Dist.	AR77		155
		AR78		122,123
		AR79		120,121
		AR80		105-106
		MP17		89-96

# ODM GENERAL INDEX SEARCH

**Words searched:**

HIGH FALLS	KORDOL EXPLORATIONS	NORANDA MINES
HYMAN TP.	MONTEAGLE GOLD	POND OCCURRENCE
IMPERIAL OIL ENTERPRISES	MONTEAGLE MINERALS	PYRRHOTITE
JOHN CREEK BAY	NAIRN COPPER CORP.	QUARTZITE
KEBA PROSPECT	NEWLUND MINES	QUEBEC MATTAGAMI MINERALS
KERR-ADDISON MINES	NEW THURBOIS MINES	RICHORE GOLD MINES

Index Volume	Listing:	Report Volume	Part	Page
8	AGNEW LAKE MINES LTD. (cont'd) Hyman Tp., Sudbury Dist.	MP24 MP37 MRC9		29 9,12 74-75
9	AGNEW LAKE MINE, Hyman Tp., Sudbury Dist. report on property	GR166 MP64 MP78 MP84		210 106,107 95 103
9	AGNEW LAKE MINES LTD. Hyman Tp., Sudbury Dist.  report on Agnew L. Mine	ASR7 MP71 MP78		116 107 95
5	AGNEW LAKE URANIUM MINES LTD. Incorporated	63	1	56
5	BARANOURI URANIUM MINES LTD. Incorporated	64	1	59
2	BIG EDDY DAM, Spanish river Land flooded	NCR74		
6	CANADIAN THORIUM CORP. LTD. Change of name	66	1	37
8	CANADIAN THORIUM CORP. LTD. Hyman Tp., Sudbury Dist.	MP17		89,90
7	CANADIAN THORIUM CORP. LTD. Property, Hyman Twp., report on Sketch map with,	GR1 GR1		22-24
7	CHEMICAL RESEARCH CORP. (CANADA) LTD. Uranium mg. properties Agnew L. area	GR1		24,25
7	CONGLOMERATE Hyman and Drury Twps. Ramsey L. formation	GR34 GR34		5,9-11 14,15

# ODM GENERAL INDEX SEARCH

Words searched: ROSE, E. A.  
 SPANISH BASIN MINES SYNDICATE  
 SPANISH RIVER  
 TAMMINEN, T.  
 URANIUM  
 VEZINA, Y.  
 YELLOWKNIFE BEAR MINERALS

Index Volume	Listing:	Report Volume	Part	Page
9	CONGLOMERATE, MATINENDA analysis, modal Sudbury-Espanola area, Sudbury Dist.	GR139 GR166		17 54
	analysis, paleocurrent Sudbury area, Sudbury Dist.	GR166		122
	lithology Sudbury-Espanola area, Sudbury Dist.	GR166 GR139		53-55 18-19
	photo Hyman Tp., Sudbury Dist.	GR166		55
8	EAST BAY GOLD LTD. Hyman Tp., Sudbury Dist.	MRC9		76
1	HIGH FALLS, Spanish river Diorite, Water power, notes,	23 14	(1) (1)	221 71
1	HYMAN TP., Sud. Chrome-magnesia mica (biotite)	9 20	(ii)	195,203 15
	Crystalline schists, Fuchsite Water power, See High Falls, Spanish river	1		80,81
2	HYMAN TP., Sud. Water power, See Big Eddy dam High falls			
3	HYMAN TP., Sud. Mineral deposits, rocks	38	7	33-35
7	HYMAN TOWNSHIP, Sud. Map geological with, Nickel-copper deposits Report on geology Rocks Photo Uranium deposits	GR34 GR34 GR34 GR5 GR5 GR1 GR34 GR1 GR1		31-33 10,31 8 14 33,34 22-24,32
	Mining properties sketch map with,			

# ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page
7	MISSISSAGI FORMATION Uranium in	GR1		14-37
6	NEW THURBOIS MINES LTD. Name changed	66	1	37
7	NEW THURBOIS MINES LTD. Uranium claims, Hyman Twp. See also Canadian Thorium Corp.	GR1		22
8	NEW THURBOIS MINES LTD. Hyman Tp., Sudbury Dist.	MP17		89
7	NORANDA MINES LTD. Uranium claims, Hyman Twp.	GR1		32
3	PYRRHOTITE, NICKELIFEROUS Hyman Tp.	38	7	35
7	QUARTZITE Hyman and Drury Twps. Photo Uranium in, Hyman Twp.	GR34 GR34 GR1		8-11,16 17 22,23
8	QUEBEC MATTAGAMI MINES LTD. Hyman Tp., Sudbury Dist.	MP17		90,93
3	SPANISH BASIN MINES SYNDICATE Property, mineralization	38	7	33,35
1	SPANISH RIVER, L. Huron Rocks on and near: arkose, diabase dyke, diorite, gneiss and granite,  Huronian,  notes by Bell, quartzite, schists ,	1 1 23 N.O. 1 9 RC 22 22 23 1 1 1 23	1	74 76,77 221 106 69 125,126 65 158 129 203 80,81 72 71,80 226



Author		Date	SELECTED REFERENCES		Reference	Map Scales and/or Report Pages
			Title			
Card, K. D.		1971	REGIONAL GEOLOGICAL COMPILATION MAPS Panache Lake Area, West Part		O.D.M. Map P.668	1"=1 mile
Card, K. D. & Lumbers, S. B.		1978	Sudbury-Manitoulin Area		O.G.S. Map 2360	1"=2 miles
Thomson, J. E.		1974,75	Sudbury-Cobalt		O.G.S. Map 2361	1"=4 miles
		1961,68	Espanola Sheet		O.D.M. Map P.105	1"=2 miles
			GEOPHYSICAL MAPS			
			Aeromagnetic Maps Espanola Ontario		1523G	1"=1 mile
O.D.M.-G.S.C.		1965	Hyman Tp.		A-55	1"=1/4 miles
O.D.M.		1952	Sudbury, Ontario		7067G	1"=4 miles
O.D.M.-G.S.C.		1965	Uranium Reconnaissance Program Airborne Gamma Ray Spectrometer Survey		Map P.1610	1"=250 000
O.G.S.-G.S.C.		1976	Bouguer Gravity and Generalized Geological Map of the Sudbury-Onaping Lake Area		O.G.S. Map P.2482	1:100 000
Gupta, V. K.		1981	SURFICIAL, PLEISTOGENE, TERRAIN ENGINEERING			
Boissoneau, A. N.		1968	Glacial History of Northwestern Ontario II. The Timiskaming Algoma Area		Can. Jr. Earth Sci. Vol.5, No.1	pp.97-109
Dep't of Energy, Surveys & Mapping Branch		1975	Topographic Map, Espanola Sheet			1:50 000

		<b>SELECTED REFERENCES</b>		<b>Map Scales and/or Report Pages</b>	<b>Reference</b>	
						<b>Author</b>
		Gartner, J. F.	1978 1980	N.O.E.G.T.S. Data Base Map, Espanola N.O.E.G.T. Study 99, Espanola area  MINERAL POTENTIAL MAPS	5002	1:100 000
		O.G.S. & Mineral Resources Branch	1982	Mineral Potential Map of Ontario East Central Sheet	OFR5328	1"=16 miles
		Springer, J.	1977	Ontario Mineral Potential, Northern Part of Sudbury Sheet and Part of North Bay Sheet  GEOCHEMICAL	O.G.S. Map P.1512	1:250 000
		Baer, A. J.	1970	No Data Available, March 15, 1985  GEOLOGICAL REPORTS AND MAPS	G.S.C. 70-40	pp.143-158
		Barlow, A. E.	1907	Symposium on Basins and Geosynclines of the Canadian Shield  Nickel and Copper Deposits of the Sudbury Mining District	G.S.C. AR14, Pt.H	p.157
		Bell, R.	1891	Report on the Sudbury Mining District	G.S.C. AR5, pt.F	p.32-34
			1891	The Laurentian and Huronian Systems North of Lake Huron	O.D.M. AR1	p.63-94
		Card, K. D.	1962	Hyman Tp. Sudbury Dist.	O.D.M. Map P.133	1"=1/4 mile
			1971	Panache Lake Area West Part	O.D.M. Map P.688	1"=1 mile

GDIF FORM NO.9

SELECTED REFERENCES		Date	Author	Title	Reference	Map Scales and/or Report Pages
	Card, K. D.	1976		Geology of the Espanola-Whitefish Falls Area	GR131	
		1965		Geology of Hyman & Drury Twp.	GR34 O.D.M. Map 2055	1"=1/2 mile
		1978		Geology of Sudbury-Manitoulin, Dist. of Sudbury and Manitoulin	GR166 O.D.M. Map 2360	1"=2 miles
	Card, K. D., Innes, D. G. and Debicki, R. L.	1977		Stratigraphy Sedimentology & Petrology of the Huronian Supergroup in the Sudbury-Espanola area	O.G.S. Study 16	
	Coleman, A. P.	1914		The Pre Cambrian Rocks North of Lake Huron with Special Reference to the Sudbury Series	O.B.M. Vol.23,pt.1	pp.202-236
	Collins, W. H.	1925		North Shore of Lake Huron	G.S.C. Mem.143	
		1928		Southwestern part of the Sudbury Nickel Irruptive	G.S.C. Summ. Rept., 1928, pt.C	
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	Cooke, H. C.	1946		Problems of Sudbury Geology	G.S.C. Bull. No.3	
	Dressler, B. O.	1983		Sudbury Mining Area, Western Part, Sudbury District	O.G.S. Map P.2602	1:50 000
	Giblin, P. E., Donovan, J. F.	1967		Annual Report of Resident Geologists' Section Geological Branch	MP17	p.87-96
	Innes, D. G.	1969		Annual Report of Resident Geologists' Section Geological Branch	MP34	p.3
	Innes, D. G., & Jost, M.	1977		Nickel Deposits of Ontario, East Central Sheet	Map P.1062	1"=16 miles

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Kustra, C. R.	1975-78	Annual Report of the Regional and Resident Geologists	MP64 MP71 MP78 MP84 O.D.M. AR38, pt.7
Moore, E. S.	1929	Ore deposits near the north shore of Lake Huron	
	1928	North Shore of L. Huron	PR1928-2
O.G.S. & Mineral Resources Branch	1982	Mineral Potential Map of Ontario East Central Sheet East Central Sheet Magnetic Compilation Map Geological Compilation Map	OFR5328
Quirke, T. T.	1917	Espanola district, Ontario	Map 2198
Robertson, J. A.	1968	Uranium and Thorium Deposits of Northern Ontario	G.S.C. Mem.102
	1982	Uranium and Thorium Deposits of Ontario, East Central Sheet	MRC9
Robertson, J. A., Gould, K. L.	1983	Uranium and Thorium Deposits of Northern Ontario	O.G.S. Map P.2426
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Shklanka, R.	1969	Copper, Nickel, Lead and Zinc Deposits of Ontario	
Thomson, J. E.	1960	Uranium and Thorium Deposits at the Base of the Huronian System in the District of Sudbury	MRC12 GRI

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Vos, M. A., Smith, B. A., Stevenato, R. J.	1981	Industrial Minerals of the Sudbury Area	OFR5329
Yundt, S. E. et al	1983	Industrial Minerals of Ontario	O.G.S. Map P.2591 1:50 000
		JOURNALS, ARTICLES, THESES, TECHNICAL REPORTS	
Armstrong, T. P.	1960	The Mineralogy and Petrology of the Radioactive Huronian Sediment in Hyman Township, District of Sudbury, Ontario; R.Sc., Queen's	MP2 p.8
Card, K. D.	1959	The Uranium-Bearing Huronian Sediments of the Sudbury district, B.Sc., Queen's	MP2 p.12
	1963	Geology of the Agnew Lake Area, Ontario, Ph.D. Princeton	Unpub. Thesis 221p.
	1964	Metamorphism in the Agnew Lake Area, Sudbury, Ont.	G.S.A. Bull., Vol.75 No.10 p.1011-1030
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Fox, J. S.	1970	Petrologic Study of Chloritoid and Staurolite Bearing Rocks, Agnew Lake, Ontario. M.Sc., McGill	Sudbury Thesis File No.14
Murray, W. L.	1960	Sulphides and Associated Rock Types, Hyman Township Sudbury District, Ontario. B.Sc. Queen's	MP2 p.35
Quirke, T. T.	1915	Geology of Espanola District, Ont. Ph.D., UC.	MP2 p.38
Riddell, G. S.	1967-69	Report on Mining Operations in Ontario	O.D.M. AR, Vol.77, 78,79
Roscoe, S. M.	1969	Huronian Rocks and Uraniferous Conglomerates	G.S.C. Paper 68-40 205p.
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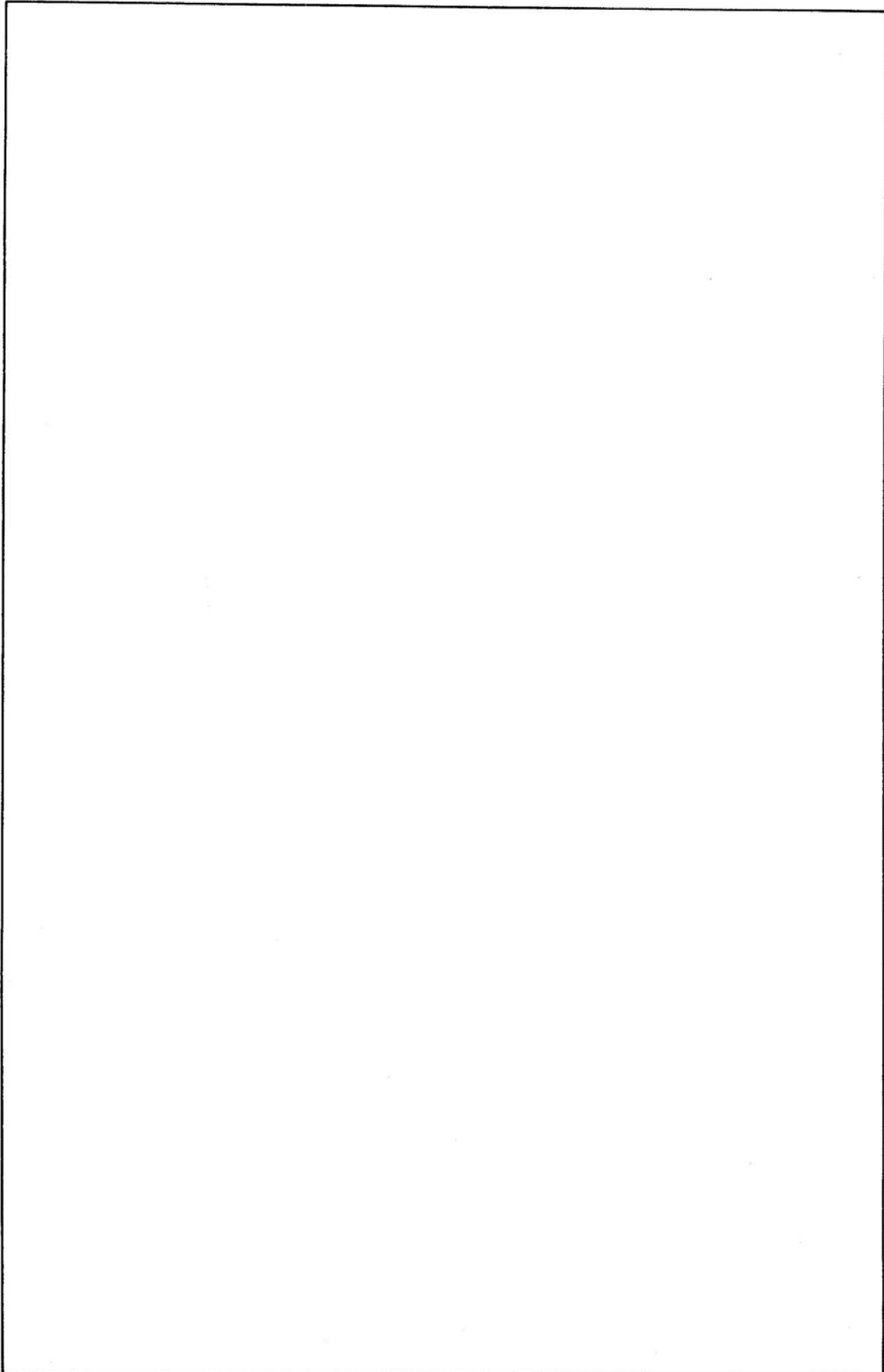
# NOTES AND ADDENDA

## Aerial Photographs Index

Sudbury

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

Year	Roll	Line	Numbers
1977	92	4619	159, 163-165
1959	9	4618	43-48
	10	4617	119-125
	10	4616	42-49
	12	4615	78-80
1946	12	157	16-24
	20	158	20-27
	19	159	18-24
	19	160	19-26
	19	161	20-26





TOTTEN

46° 27' 00"  
81° 35' 00"



Ministry of  
Northern Development  
and Mines

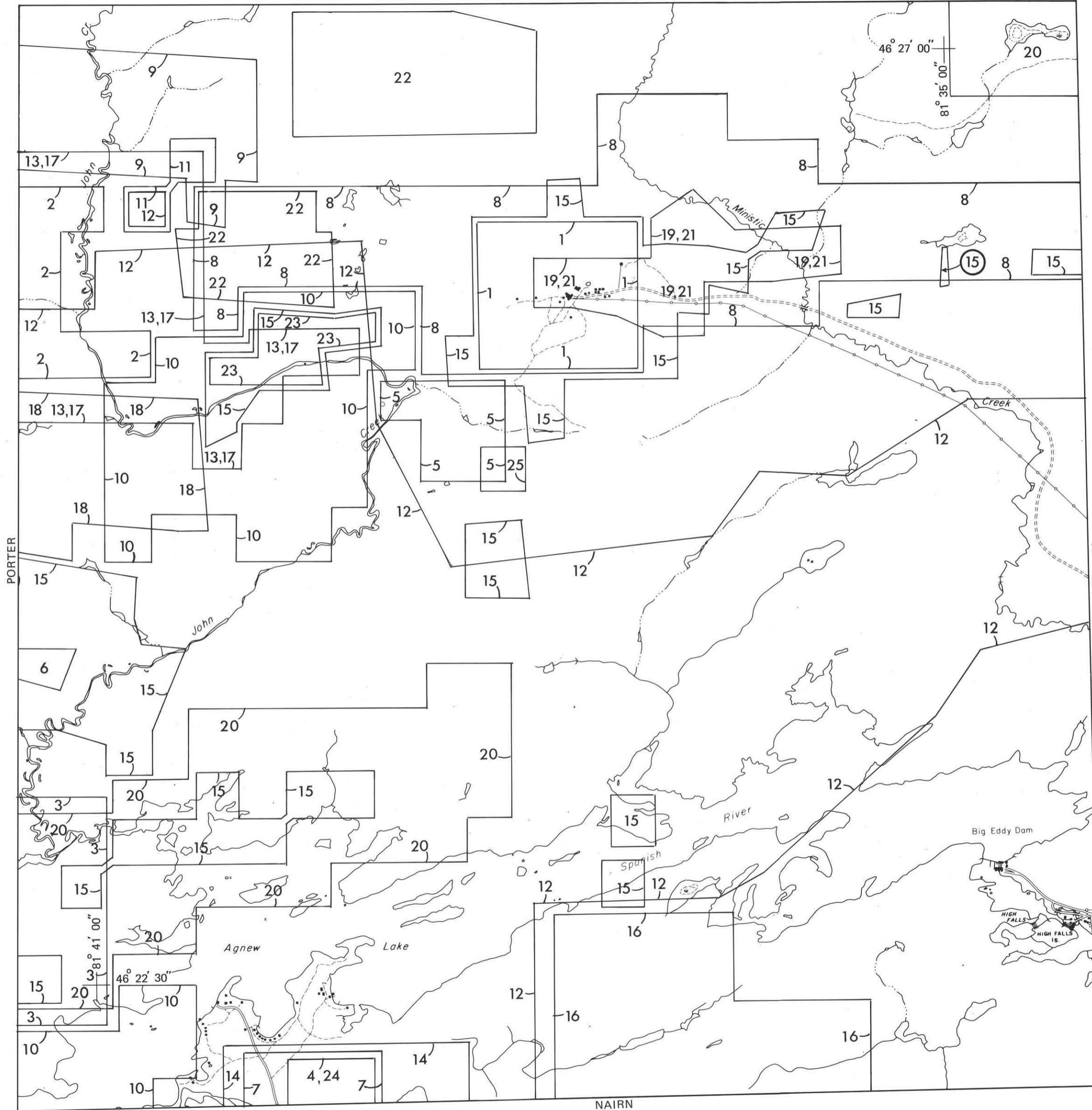
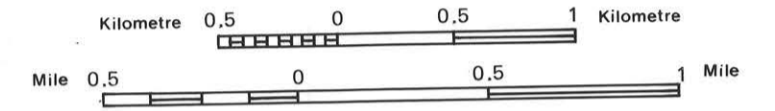
René Fontaine  
Minister  
George Tough  
Deputy Minister

ONTARIO GEOLOGICAL SURVEY  
PROPERTY LOCATION MAP  
GEOLOGICAL DATA INVENTORY FOLIO 282  
(Map 1 of 2)

# HYMAN TOWNSHIP

DISTRICT OF SUDBURY

Scale 1:31 680



### EXPLORATION DATA FILE AREAS

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

PORTER

DRURY

NAIRN

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

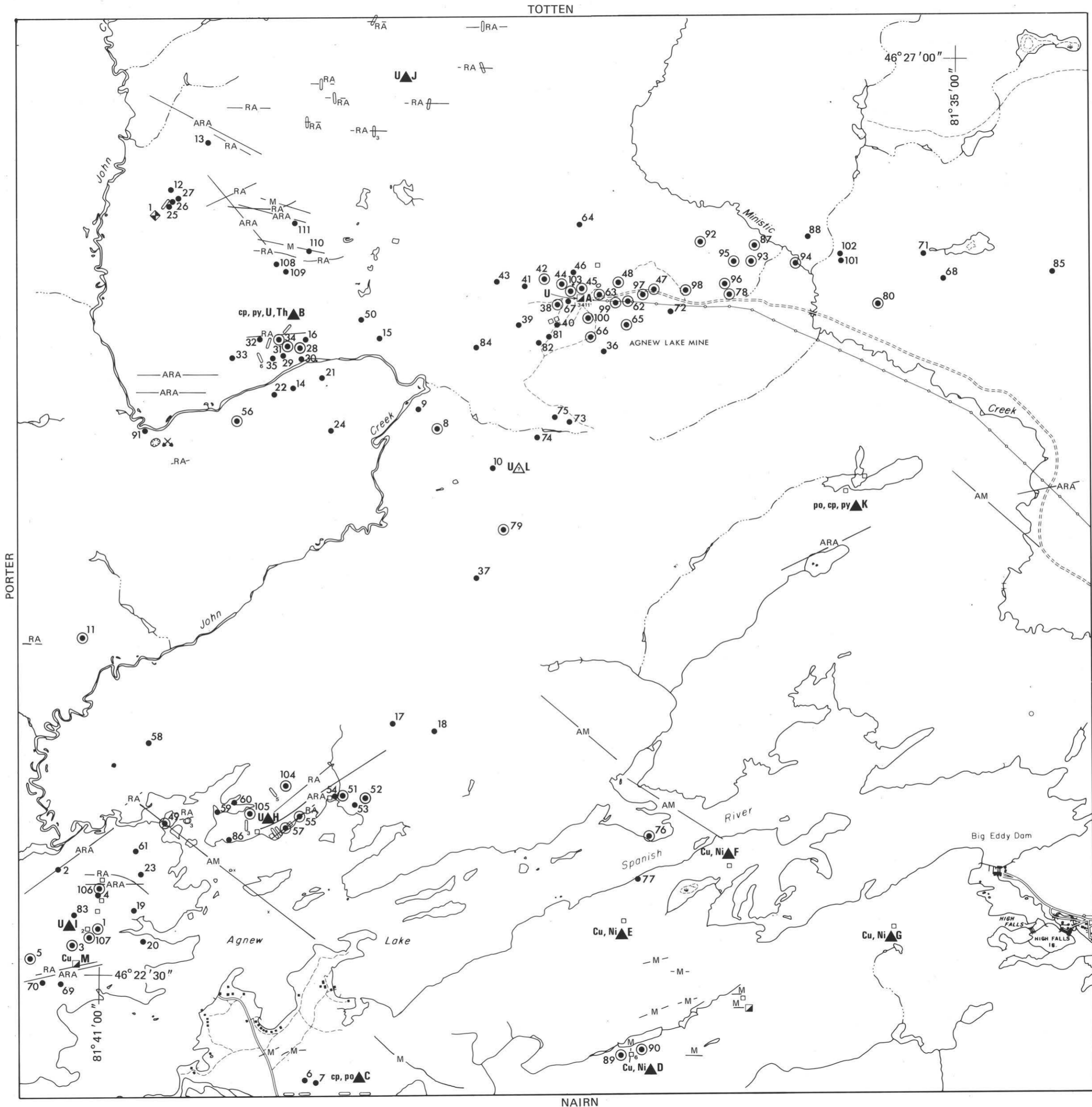
GEOPHYSICAL ANOMALIES

- Airborne magnetic anomaly
- Airborne electromagnetic anomaly  
Length of anomaly along flight line
- Airborne electromagnetic anomaly  
Location of anomaly along flight line
- Airborne electromagnetic anomaly  
Conductor axis: definite, probable, possible
- Airborne radiometric anomaly
- Ground magnetic anomaly
- Ground electromagnetic 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 magnetic anomaly  
(total intensity)
- Resistivity anomaly
- Gravity anomaly

MISCELLANEOUS DATA

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

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



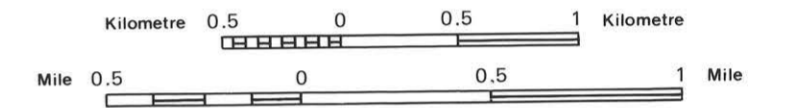
René Fontaine  
Minister  
George Tough  
Deputy Minister

ONTARIO GEOLOGICAL SURVEY  
EXPLORATION DATA MAP  
GEOLOGICAL DATA INVENTORY FOLIO 282  
(Map 2 of 2)

# HYMAN TOWNSHIP

DISTRICT OF SUDBURY

Scale 1:31 680



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

DRILLHOLE

- Location of single drillhole, with reference number
- Location of closely spaced group of drillholes, with reference number
- Drillhole, exact location uncertain, with reference number
- Property with underground drillholes in this general area, with reference number
- Property with drillholes which have not been plotted on map, with reference number
- Reverse circulation drillhole; churn drilling, with reference number