

Daily Log of Prospecting Garnet Bay area map No G2581
Strip and Trench by old adit on Higbee Lake claim 1053040
Marked on Populous lake area map 1956-3 as area 1

From proposal 1 part 1

Date	Work Performed
October 2	Flew to camp on Higbee Lake Stripped North of adit No samples taken
October 4	Stripped by adit Took sample 0403
October 5	Stripped by adit Took samples 0404 and 0405
October 23	Flew to camp on Higbee Lake Stripped by Adit No samples taken
October 25	Stripped by adit Took samples 0445 to 0449
October 26	Stripped North of adit Took sample 0450

assay No	sample type	width inches	rock type	minerals visible	results	
					ppb Au	oz/ton Au
0403	chips	10	quartz&diorite	minor sulphides	2432.43	.070
0404	chips	24	quartz&diorite	minor sulphides	4054.98	.110
0405	chips	24	quartz&diorite	50% massive pyrite	15706.89	.450
0445	chips	8	quartz&diorite	minor pyrite	2168.00	.060
0446	chips	10	quartz&diorite	10% pyrite	22210.00	.640
0447	chips	40	quartz&diorite	20% pyrite	56554.00	1.646
0448	chips	48	quartz&diorite	20% pyrite	77228.00	2.247
0449	chunks	2	quartz&diorite	sulphides only	117624.00	3.423
0450	chips	12	quartz&diorite	10% sulphides	2822.00	.080



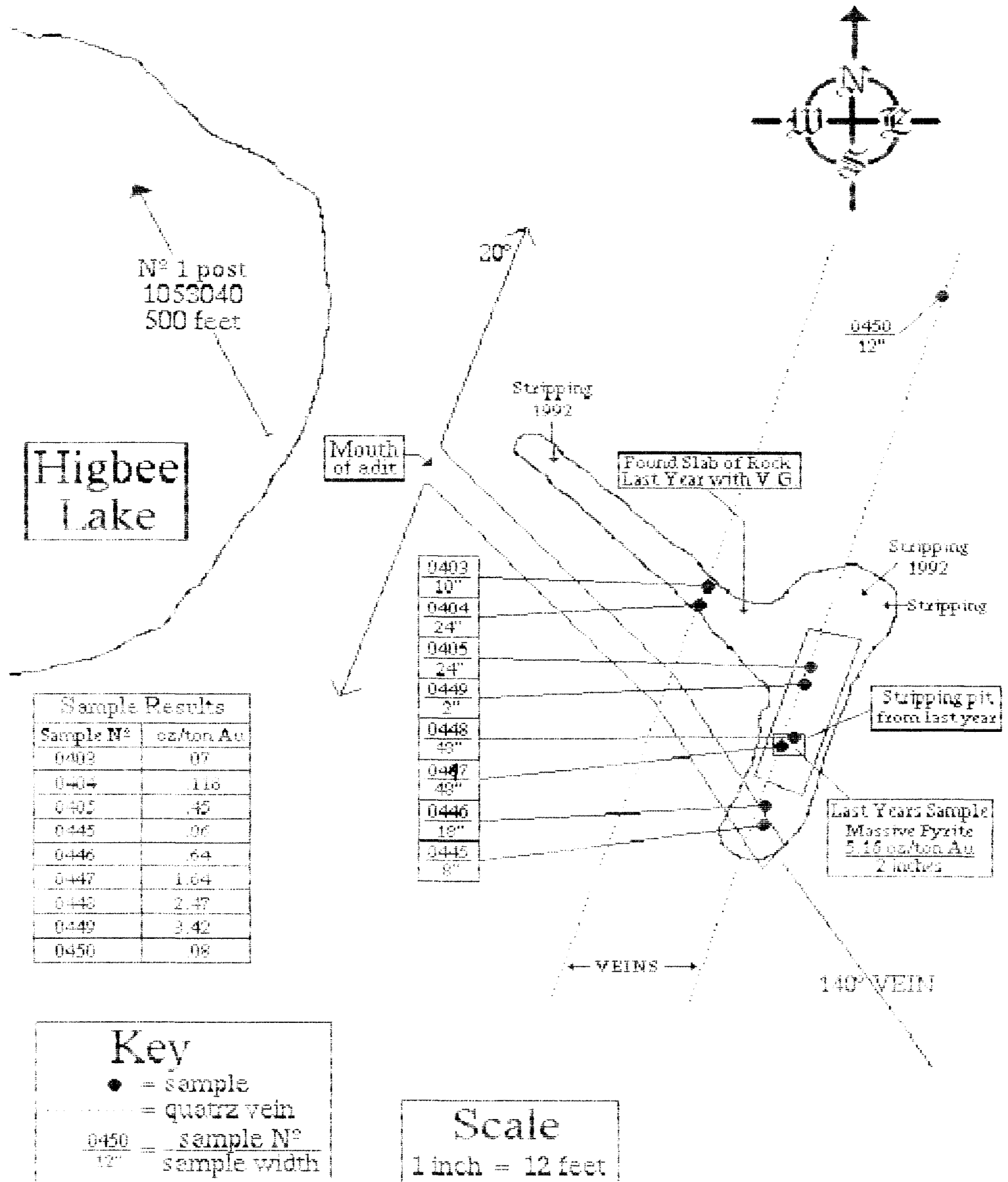
52F16SE0014 OP92-258 KEIKEWABIK LAKE

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Details of Stripping and Sampling Claim 1053040
 By adit on Higbee Lake Garnet Bay area map N^o G2581
 Marked on Populous Lake area map as area 1

proposal 1 part 1

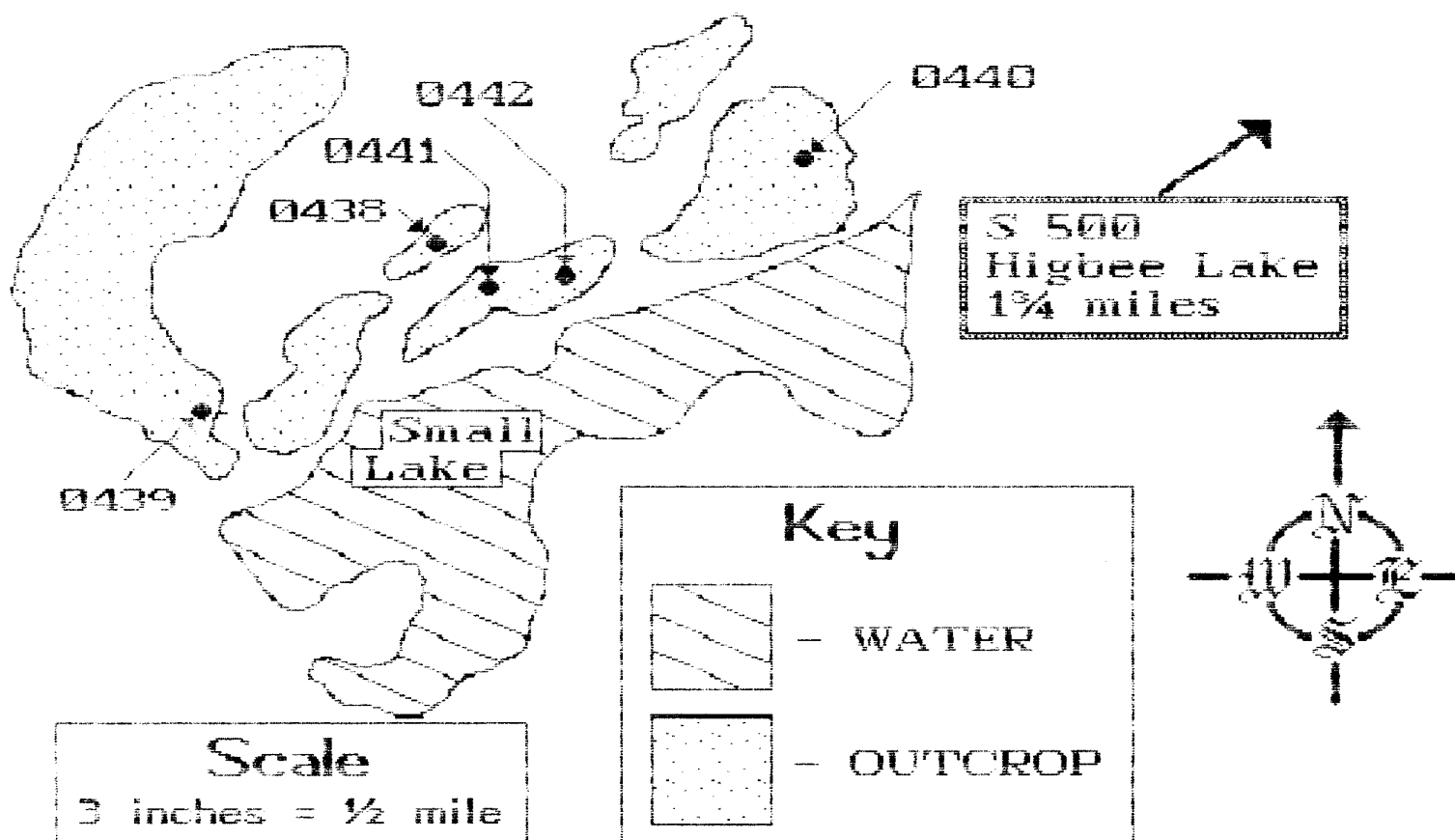
Manually trenched loose rock and dirt to an average of 2 feet deep.



Daily Log of Prospecting-Line Lake area page 3
 Small lake 1 3/4 mi. South-West of old adit
 on Higbee Lake. Garnet bay area.
 Area marked on populous Lake area map as #3

extension to proposal 1 part 1

Date	Work Performed
October 22	Flew to lake by Wilderness Air. Prospected North shore of lake. Take 5 samples 0438-0442 Return home.



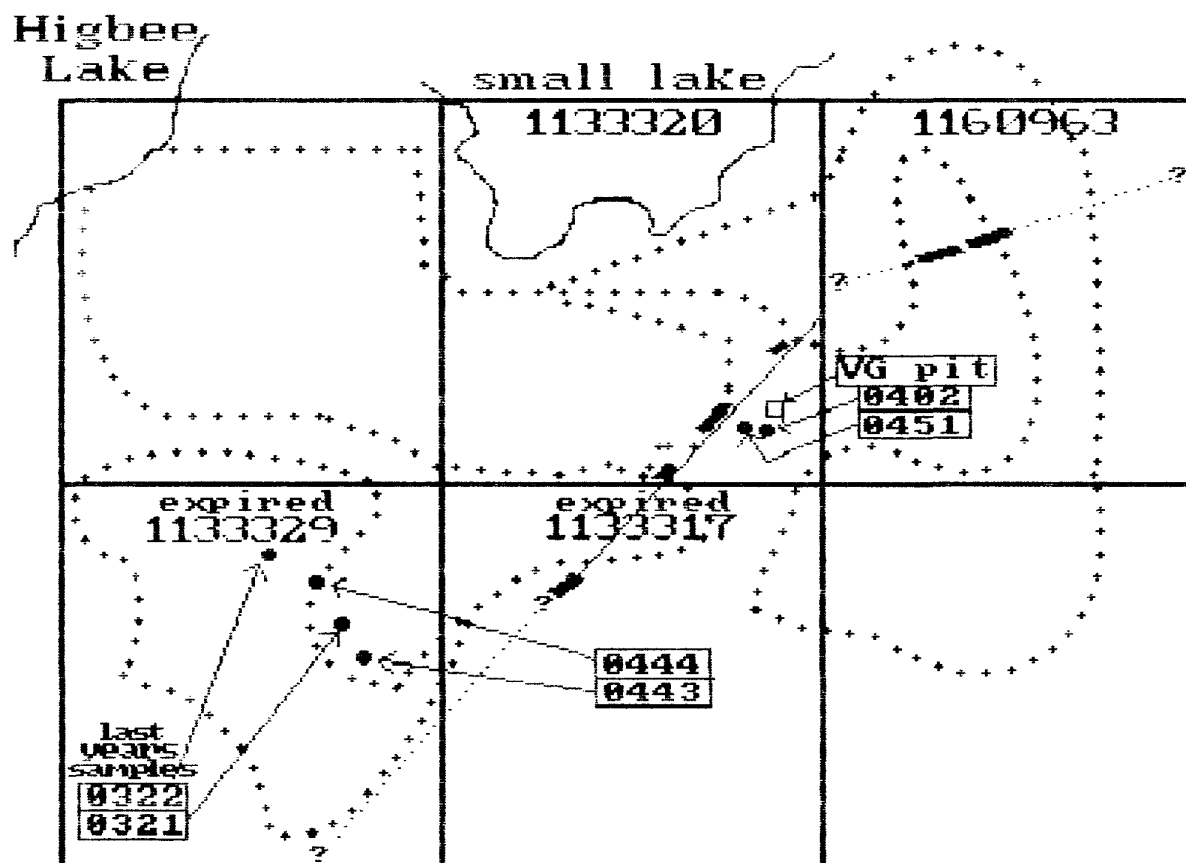
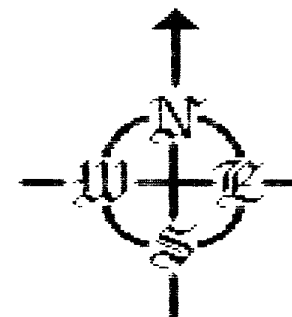
assay No	sample type	width inches	rock type	minerals visible	results
0438	grab	1	quartz diorite	none	104 ppb Au
0439	grab	3	quartz diorite	minor pyrite	2257 ppb Au
0440	grab	3	quartz diorite	none	19 ppb Au
0441	chips	12	quartz diorite	minor pyrite	873 ppb Au
0442	chips	12	quartz diorite	minor pyrite	22 ppb Au

Details of Prospecting travel and
 Sampling Re. claim 1133320
 Garnet Bay area Map G2581
 Marked on Populous Lake area
 Map 1956-3 as area 2.

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Proposal 1 part 2

Scale
 1 inch = 660 feet



■ = Areas stripped last year
 ?.....? = Travel lines
 = Possible vein extensions

Sample #0402 = 3.05 oz/ton Au
 0451 = .05 oz/ton Au
 0443 = .02 oz/ton Au
 0444 = .001 oz/ton Au

Daily log of prospecting
on and around claim 1133320
Garnet Bay area map #62581
Marked on Populous lake map as area 2

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proposal 1 part 2

Date	Work Description
October 3	Prospect on claims and around 1133320 to find extension to vein stripped last year. took sample 0402
October 24	Prospect on claims and around 1133320 to find extension to vein stripped last year took sample 0443 and 0444 on tension fracture that might join main vein. took sample 0451 by old test pit from last year.

assay No	sample type	width inches	rock type	minerals visible	results
0402	whole vein	2	quartz diorite	minor sulphides	2.7 oz/ton Au--93163 ppb
0443	grab	2	quartz diorite	minor sulphides	.02 oz/ton Au-----826 ppb
0444	grab	2	quartz diorite	none	.001 oz/ton Au-----55 ppb
0451	whole vein	3	quartz diorite	none	.05 oz/ton Au---1836 ppb

From proposal #4

Date	Work Description
October 11	Prospect at West end of Stewart Lake
	Take samples 0423 to 0430
October 17	Prospect West of pine station
	Take samples 0431 to 0434
October 18	Prospect from pipeline West of Pine road
	Take samples 0435 to 0437
October 27	Prospect by Gordon Lake Rd. and West.
	Take samples 0452 to 0457

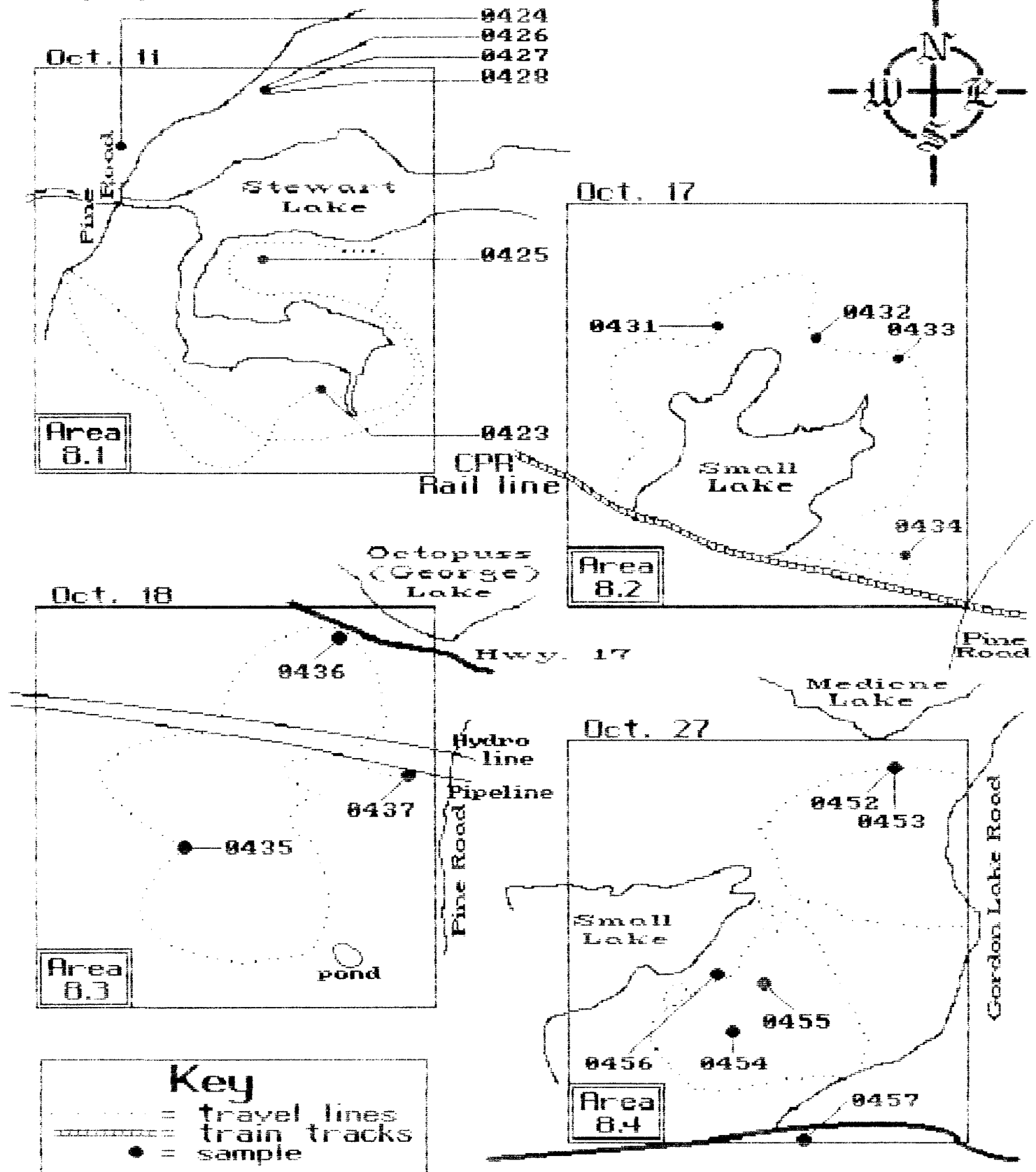
assay No	sample type	width inches	rock type	minerals visible	results
0423	grab	4	gn. pegomite *	none	36 ppB Au
0424	grab	2	mafic volcanic	minor pyrite	43 ppB Au
0425	grab	4	gn. pegomite *	none	34 ppB Au
0426	grab	12	mafic volcanic	minor pyrite	61 ppm Cu 34 ppm Ni
0427	grab	12	mafic volcanic	50% sulphides	114 ppm Cu 67 ppm Ni
0428	grab	12	q. n. v. **	20% sulphides	36 ppB Au
0429	grab	12	q. n. v. **	10% sulphides	37 ppB Au
0430	grab	12	q. n. v. **	10% sulphides	119 ppm Cu 30 ppm Ni
0431	grab	24	q. n. v. **	5% sulphides	9 ppB Au
0432	grab	6	q. n. v. **	none	15 ppB Au
0433	grab	6	q. n. v. **	minor pyrite	9 ppB Au
0434	grab	4	q. n. v. **	none	13 ppB Au
0435	grab	36	mafic volcanic	20% pyrite	12 ppB Au
0436	grab	24	quartz	10% sulphides	10 ppB Au
0437	chips	72	quartz sulphide	30% sulphides	9 ppB Au
0452	chips	300	quartz gabbro	minor sulphides	6 ppB Au
0453	chips	30	quartz gabbro	minor sulphides	6 ppB Au
0454	grab	12	quartz gabbro	none	6 ppB Au
0455	grab	12	sediment quartz	none	15 ppB Au
0456	grab	For Identification in Kenora	Diopside in Skarn		
0457	grab	24	mafic volcanic	50% sulphides	380 ppm Cu 69 ppm Ni

* - granite pegomite

** - quartz mafic volcanic

Areas prospected marked as #8.1, 8.2, 8.3, 8.4

From proposal #4



Daily Log of Prospecting Claims 1133681 - 1133683
 Revell twp. Map N^o 61321 Dyment area map 19604
 Area marked on Dyment map as area 4

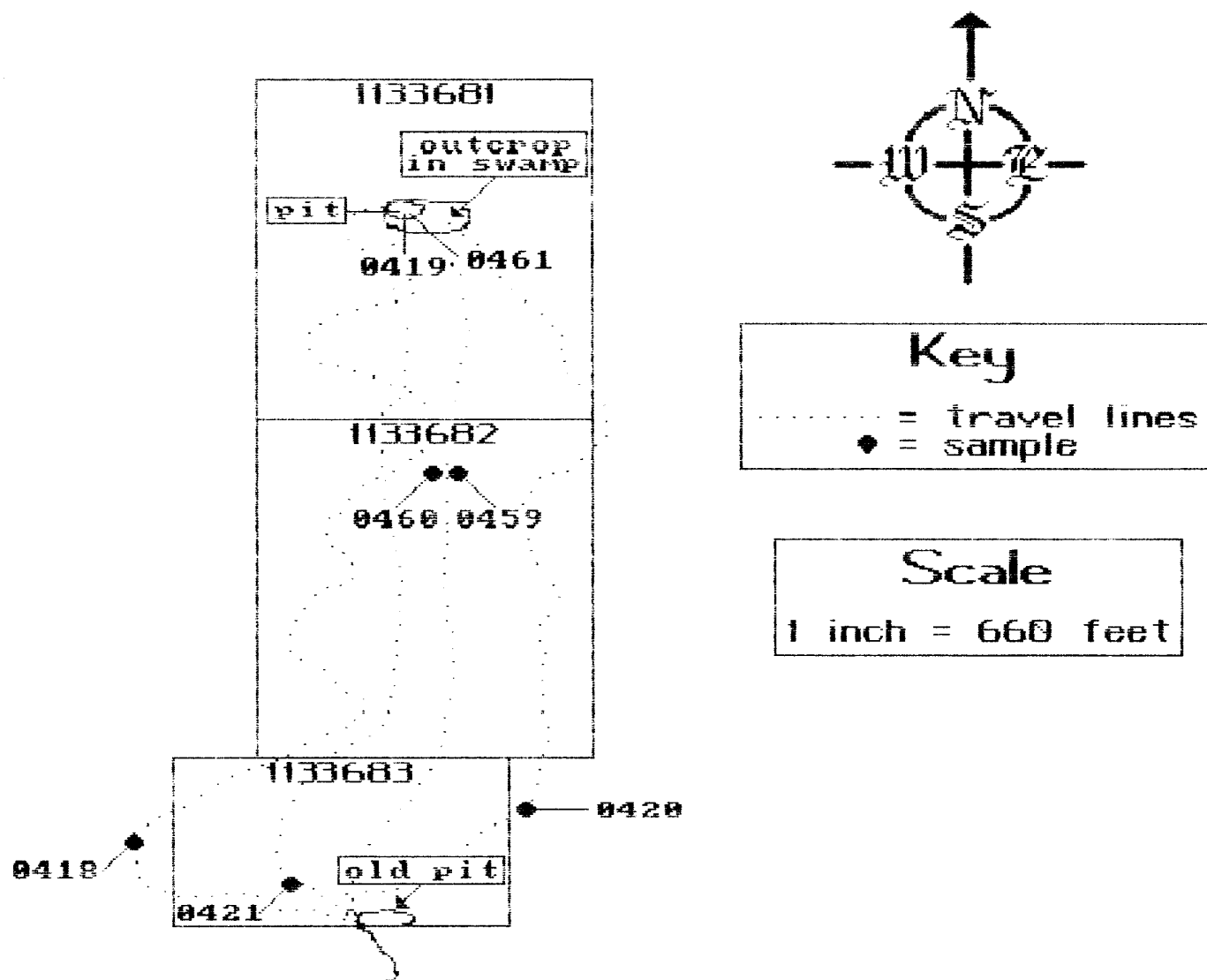
From proposal 2 part 1

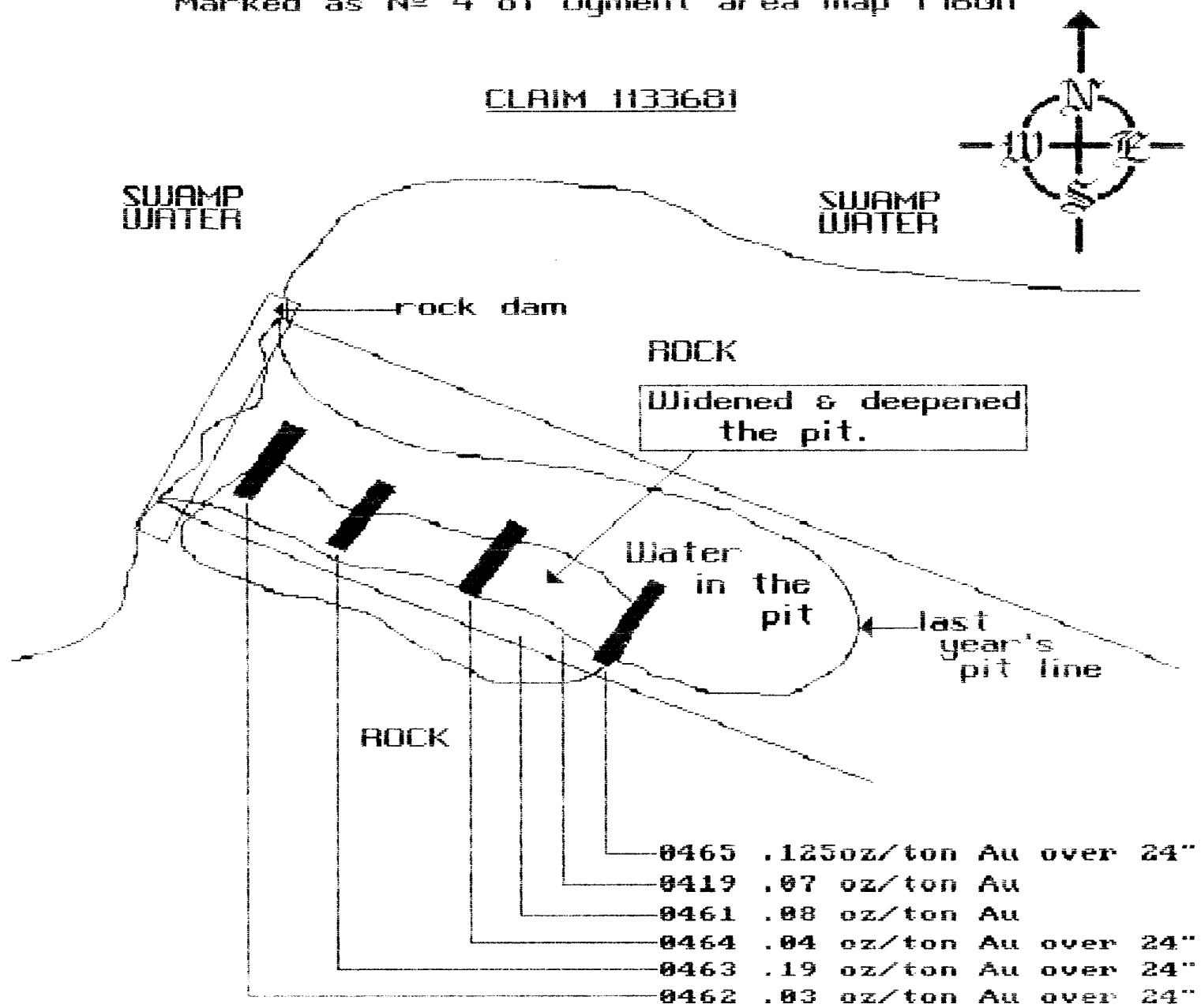
Date	Work Performed
October 9	Prospect on 1133681 & 1133683 Revell twp. Take samples 0418 - 0422. Sample 0422 taken from rock cut on hwy. 17 by Jackfish Lake.
November 1	Prospect on 1133681 - 1133683. Take samples 0459 - 0461.
November 22	Dammed at pit on 1133681 & removed loose rock & debris from pit.
November 24	Trip to Kenora to get plugger.
November 25	Drilled holes at pit on 1133681.
November 26	Blasted holes. Sampled pit. Removed rubble. Take 4 samples 0462 - 0465.

assay No	sample type	width inches	rock type	minerals visible	results
0418	chips	6	amphibolite	minor pyrite	43 ppb Au
0419	chips	6	diorite	10% sulphides	2578 ppb, .07oz/ton Au
0420	chunks	12	amphibolite	minor sulphides	9 ppb Au
0421	grab	0	amphibolite	minor sulphides	18 ppb Au
0422	grab	12	diorite	minor sulphides	9 ppb Au
0459	grab	8	amphibolite	minor sulphides	26 ppb Au
0460	grab	8	amphibolite	minor sulphides	55 ppb Au
0461	chunks	6	quartz diorite	20% sulphides	3624 ppb, .08oz/ton Au
0462	chips	24	quartz diorite	10% Cp Py	.039oz/ton Au
0463	chips	24	quartz diorite	10% Cp Py Bn	.196oz/ton Au
0464	chips	24	quartz diorite	20% Cp Py	.041oz/ton Au
0465	chips	24	quartz diorite	20% Cp Py Bn	.125oz/ton Au

Daily Log of Prospecting claims 1133681 - 1133683
 Revell twp. Map No 61321 Dymont Area Map 1968h
 Area marked on Dymont map as area 4

From proposal 2, part 1





Key
 = area sampled

Scale
 1 inch = 2 feet

Daily Log of Prospecting Claim 1133689
 Revell top. Map No 61321 Dymont area map 19604
 Area marked on Dymont map as area 5

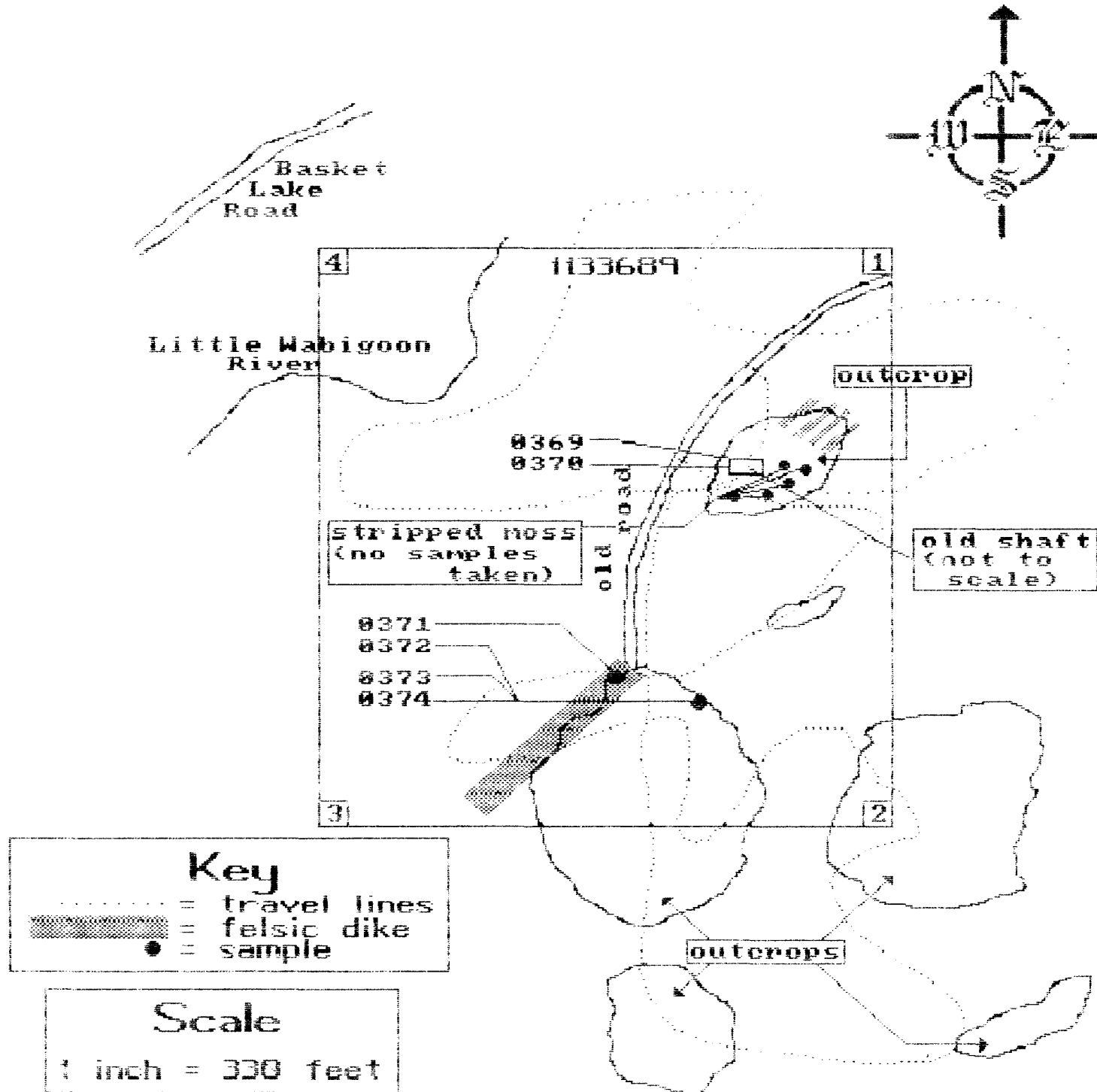
From proposal 2 part 2

Date	Work Performed
August 14	Prospect at shaft on 1133689 and around North, East, and West. Take samples 0369 & 0370.
August 15	Prospect South of shaft on 1133689. Take samples 0371 - 0374.

assay No	sample type	width inches	rock type	minerals visible	results
0369	grab		rhyolite quartz	minor pyrite	91 ppB. .003 oz/ton Au
0370	chips	24	rhyolite quartz	minor pyrite	30 ppB Au
0371	grab	24	rhyolite quartz	minor pyrite	16 ppB Au
0372	chips	20	amphi quartz *	minor pyrite	13 ppB Au
0373	select	20	rose col. quartz	none	22 ppB Au
0374	grab		quartz only	none	10 ppB Au

* = amphibolite & quartz

Daily Log of Prospecting Claim 1133689
 Revell top map N^o 61321 Marked on Dymont 1968h as area 5
 proposal 2 part 2



Daily Log of Prospecting
Hyndman twp. map No G1314
Marked on Dymont map as area 6 & 7

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from proposal 3 part 1

Date	Work Performed
August 16	Prospect in Hyndman twp. on claim 1133684. took samples 0375 to 0377.
August 17	Prospect on claim 1133684. took samples 0378 to 0381.
October 7	Prospect on Hyndman twp. claims 1133685 to 1133687. took samples 0406 to 0408 and 0415 to 0417.
October 8	prospect on claim 1133685 took samples 0409 to 0414
October 29	prospect near previous sample 0406 on claim 1133687 to find extensions to vein took sample 0485 same area as 0406 = results <5 ppB Au. Extension to vein found.

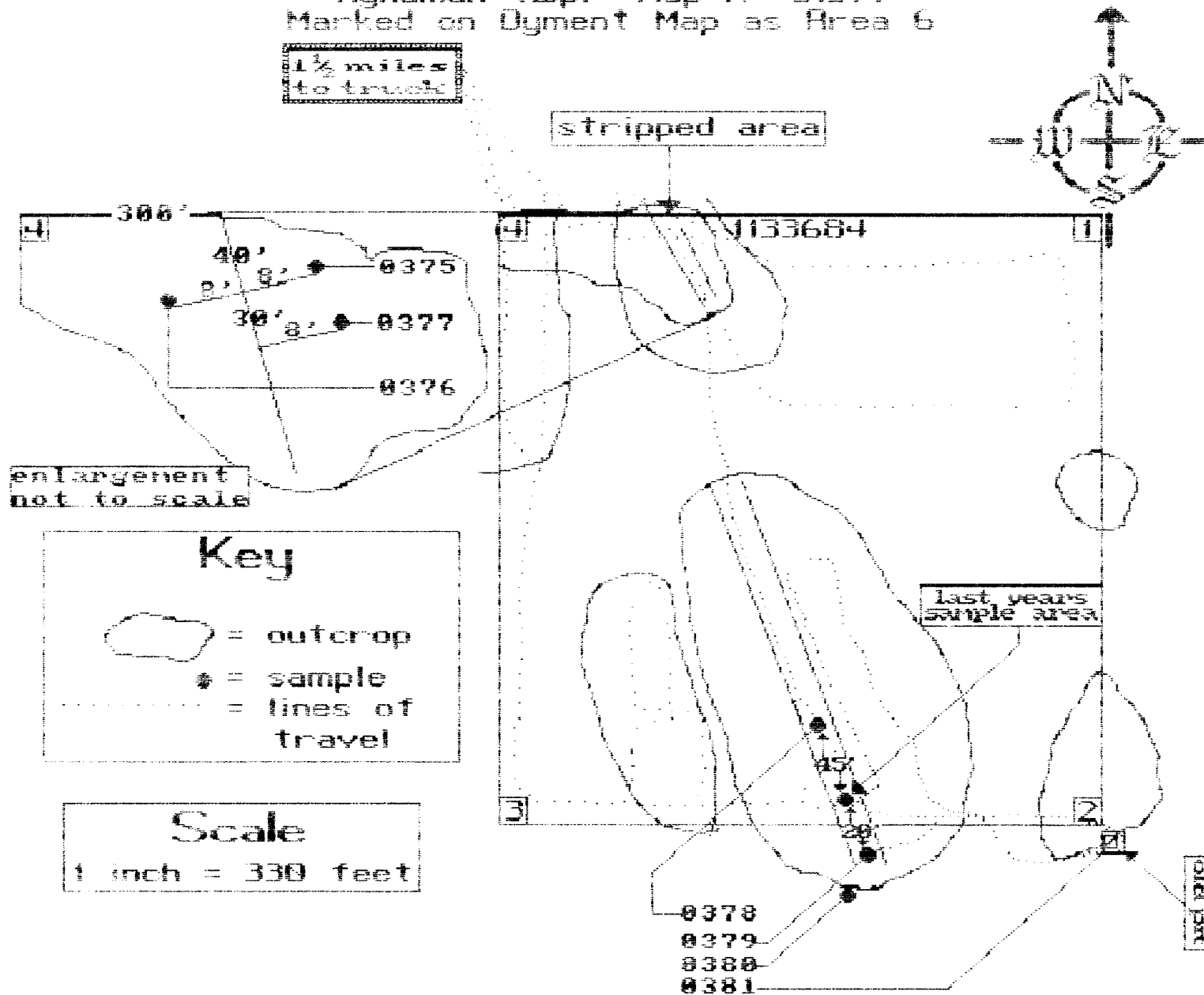
sample No	sample type	width inches	rock type	minerals visible	results
0375	chips	96	grdi&qu *	5% pyrite	76ppB Au oz/ton Au
0376	chips	24	grdi&qu *	5% pyrite	3490ppB, 182 oz/ton Au
0377	chips	24	grdi&qu *	minor pyrite	916ppB, .02 oz/ton Au
0378	chips	48	grdi&qu *	minor pyrite	30ppB Au oz/ton Au
0379	chips	36	grdi&qu *	18% pyrite	838ppB, .02 oz/ton Au
0380	grab	2	nass p&qu *	75% pyrite	19050ppB, .55 oz/ton Au
0381	grab	12	grdi&qu *	minor pyrite	441ppB, .013 oz/ton Au
0406	chips	8	maf vol&qu *	none	6327ppB, .18 oz/ton Au
0407	chips	6	fel dk&qu *	minor pyrite	7ppB Au oz/ton Au
0408	chips	6	maf vol&qu *	none	129ppB Au oz/ton Au
0409	chips	12	maf vol&qu *	minor pyrite	7ppB Au oz/ton Au
0410	chips	48	maf vol&qu *	minor pyrite	24ppB Au oz/ton Au
0411	chips	60	maf vol&qu *	minor pyrite	9ppB Au oz/ton Au
0412	chips	80	maf vol&qu *	minor pyrite	10ppB Au oz/ton Au
0413	chips	46	maf vol&qu *	minor pyrite	67ppB Au oz/ton Au
0414	chips	36	maf vol&qu *	minor pyrite	76ppB Au oz/ton Au
0415	chips	4	maf vol&qu *	minor pyrite	71ppB Au oz/ton Au
0416	chips	48	maf vol&qu *	none	1916ppB, .05 oz/ton Au
0417	chips	9	maf vol&qu *	minor pyrite	28ppB Au oz/ton Au
0418	chips	12	maf vol&qu *	none	<5ppB Au oz/ton Au

Key

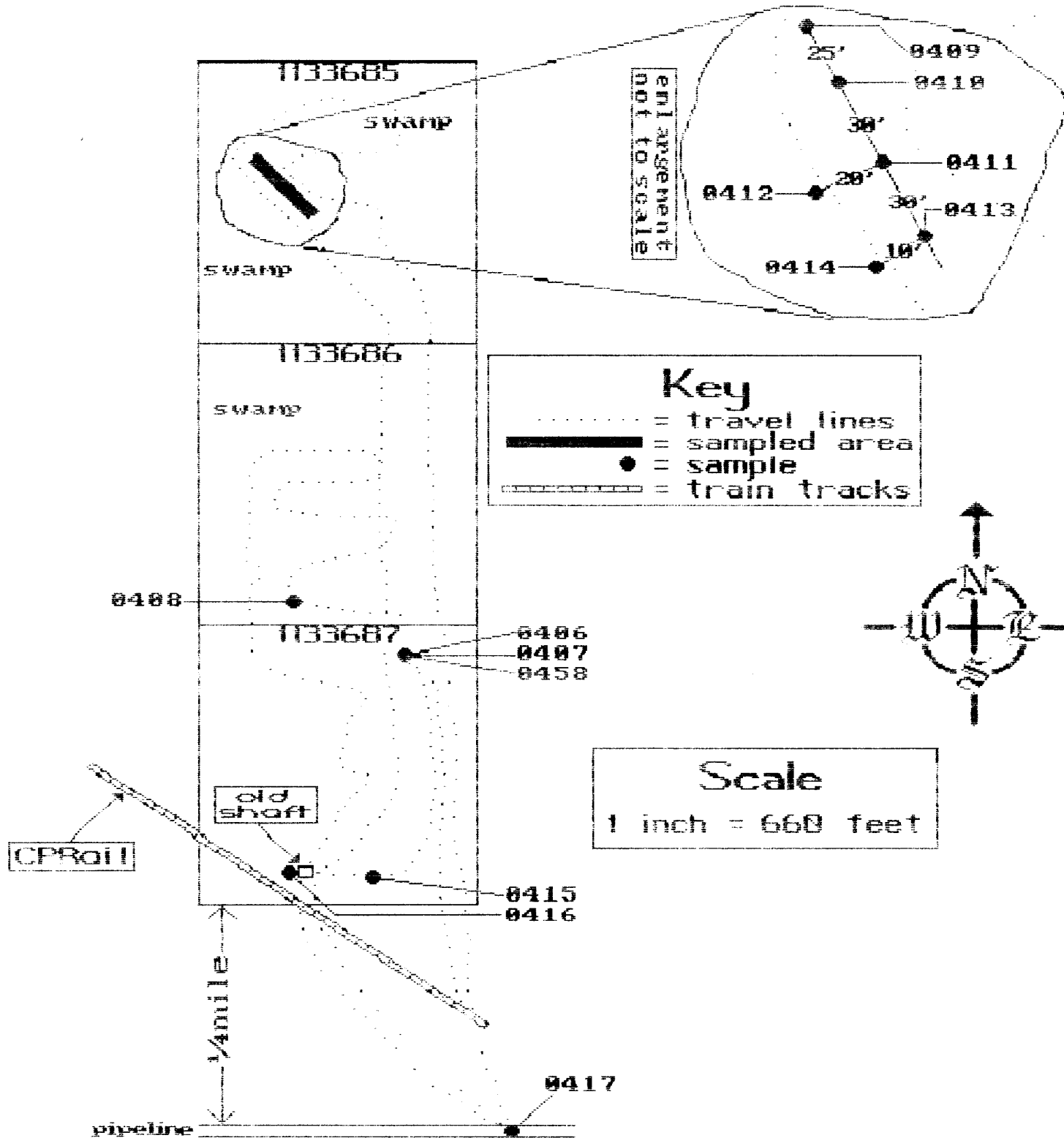
grdi&qu * = granodiorite & quartz
nass p&qu * = massive pyrite & quartz
maf vol&qu * = mafic volcanics & quartz
fel dk&qu * = felsic dike & quartz

Hyndman twp. Map No G1314

Marked on Dymont Map as Area 6



Sketch of Sampling and Lines of Travel
 Claim No's 1133685, 1133686, and 1133687
 Hyndman twp.
 Marked as area 7 on Dymert Map 1960h



Daily Log of Prospecting page 16
 Contact Bay area map No G2579
 Marked on Dryden Wabigoon area map 50c as area B
 Notification approved July 02/92

Date	Work Prefomed
June 21	Prospected in Contact Bay off old Great Lakes Paper Co. road, then East across Three Fork Creek. Took Sample 0362, 1130' NorthEast of small pond
June 22	Prospected south of Trap Lake No samples taken
July 26	Found Trap Lake occurrence. Staked claim 1160964. Took six samples, 0363 to 0368
August 19	Prospected in Contact Bay area Claim 1160964 Took samples 0382 to 0384

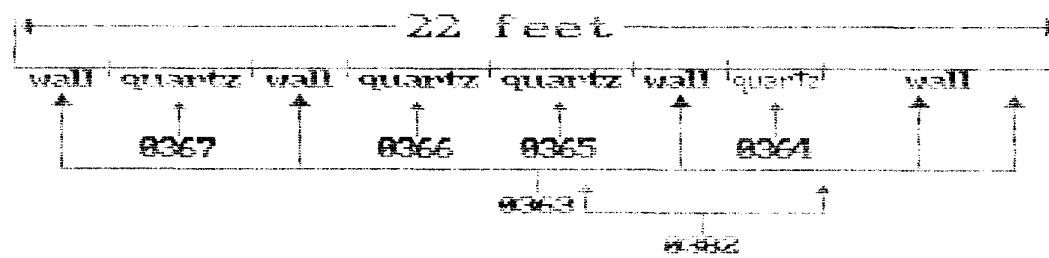
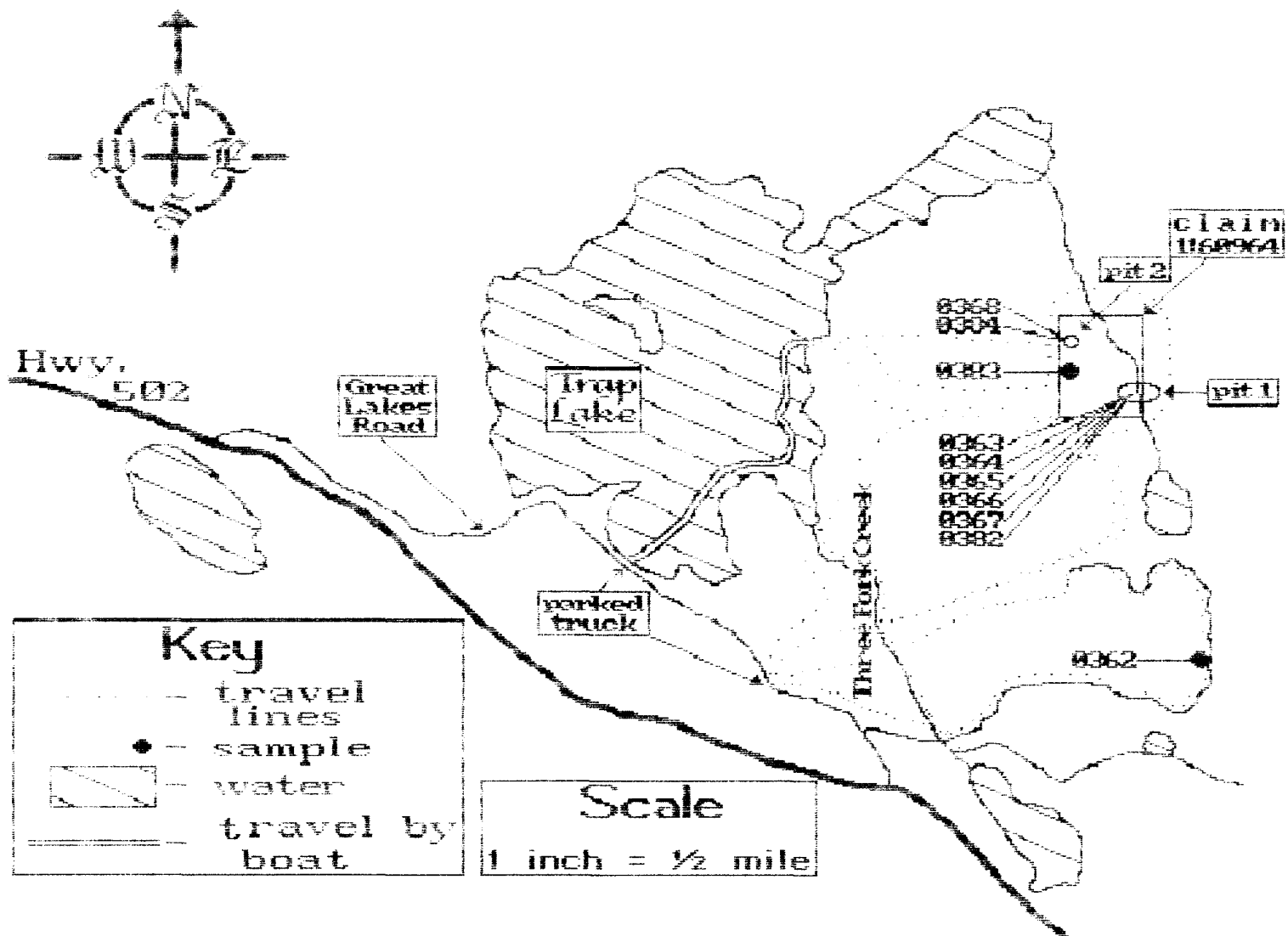
assay No	sample type	width inches	rock type	minerals visible	results
0362	grab	4	diabase&quartz	5%pyrite	140 ppbAu
0363	chips	264	hnbldio&qrtz*	none	NOT ASSAYED
0364	chips	20	hnbldio&qrtz*	20% sulphides	559 ppbAu 42190 ppm Cu
0365	chips	36	hnbldio&qrtz*	20% sulphides	1300 ppbAu 25420 ppm Cu
0366	chips	36	hnbldio&qrtz*	none	NOT ASSAYED
0367	chips	36	hnbldio&qrtz*	none	NOT ASSAYED
0368	grab	4	hnbldio&qrtz*	none	NOT ASSAYED
0382	chips	60	hnbldio&qrtz*	30% sulphides	2031 ppbAu, .05 oz/ton Au.
0383	grab	4	hnbldio&qrtz*	50% magnetite	21 ppbAu
0384	grab	24	hnbldio&qrtz*	5% sulphides	12 ppbAu

* = hornblende diorite & quatrz

Sample No 0363 to 0368 were sent to Inco to send for assaying. They only assayed 0364 and 0365

Locations of Samples and Lines of Travel
 Contact Bay area map No 62579
 Marked on Dryden Wabigoon Area map 50c
 as area 8

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Scale
1 inch = 4 feet

Daily Log of Prospecting
Turtle Pond Lake area map G2595
Dryden Wabigoon area map 50c
Marked as area 9

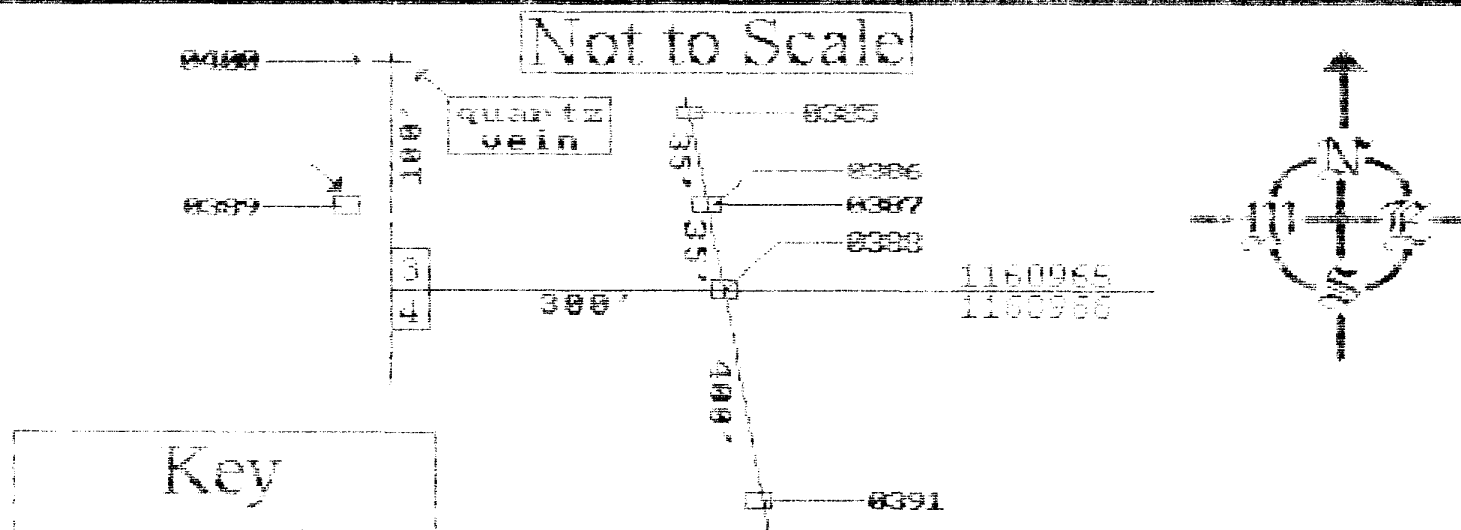
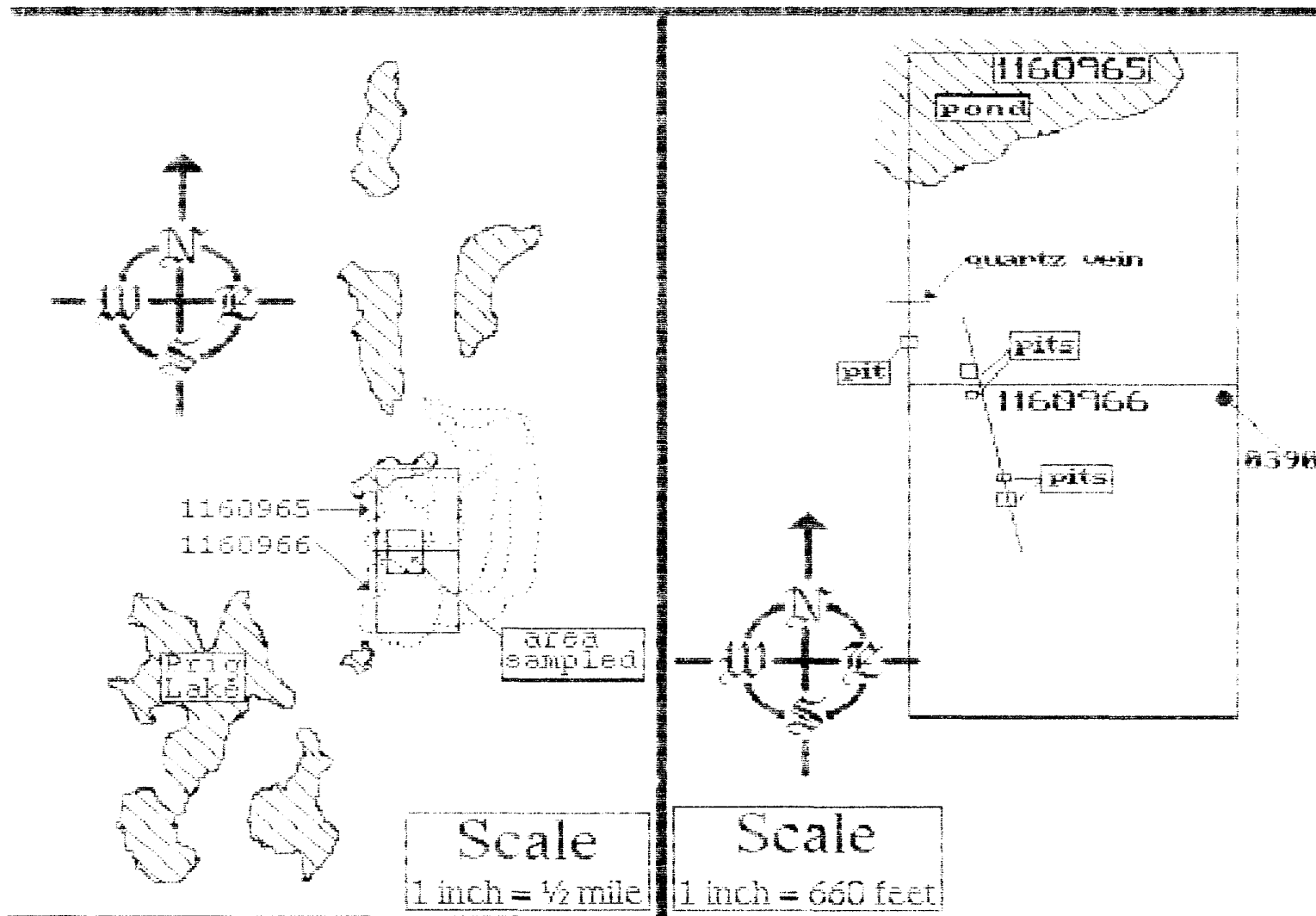
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Addition and Change to Proposal approved on July 02/92

Date	Work Performed
September 6	Search for trail to old Kozway Glatz Cu Ni occurrence
September 12	Stake claim No 1160965 on old cla claim 869816 Take samples 0385 to 0389
September 20	Stake claim 1160966 Take samples 0390 to 0397
September 26	Prospect on claims 1160965 and 1160966 Take samples 0398 to 0400

assay No	sample type	width inches	rock type	minerals visible	results		
					ppmCu	ppbAu	ppmNi
0385	chips	12	diorite	minor pyrite	44	21	223
0386	chips	48	mafic volcanics	minor pyrite	337	28	493
0387	occ. grab	48	mafic volcanics	20% sulphides	4848	27	768
0388	grab	24	mafic volcanics	20% sulphides	1130	26	591
0389	grab	12	mafic volcanics	20% sulphides	2598	211	2592
0390	grab	12	mafic volcanics	10% sulphides	120	---	74
0391	Not Assayed						
0392	Not Assayed						
0393	chips	36	mafic volcanics	10% sulphides	8446	47	4692
0394	chips	36	mafic volcanics	20% sulphides	3873	228	5411
0395	Not Assayed						
0396	Not Assayed						
0397	chips	36	mafic volcanics	10% sulphides	1333	10	451
0398	grab	240	mafic volcanics	20% sulphides	2099	22	2345
0399	grab	10	mafic volcanics	50% sulphides	8832	---	8498
0400	grab	12	quartz vein	5% sulphides	---	27	---

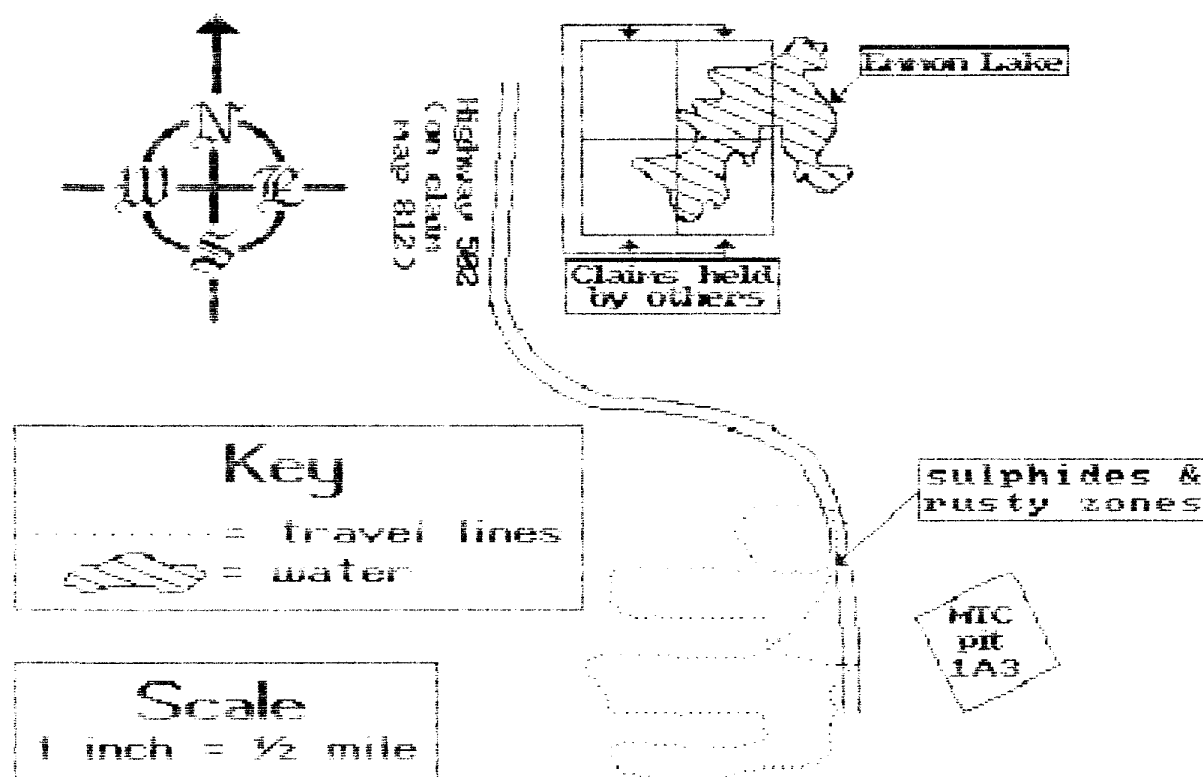
Sketch of Sampling Turtle Pond Lake area map No G2595
 Marked on Dryden Wabigoon area map as 9

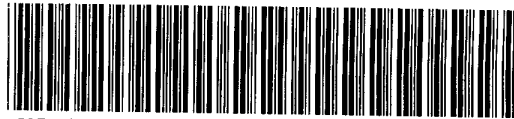


Daily Log of Prospecting
 Turtle Pond Lake area map G2595
 Dryden Wabigoon area map 58c
 Marked as area 10

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Date	Work Performed
September 27	Prospected West of Highway 502 1 mile South of Emmon Lake. Sulphides in rock cut on Highway 502. No samples taken.
September 28	Prospected in same area. No samples taken.





52F16SE0014 OP92-258 KEIKEWABIK LAKE

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CONTENTS

CLAIM MAPS

GEOLOGICAL MAPS

GARNET BAY AREA

LINE LAKE

POPULUS LAKE AREA

REVELL TWP

HYNDMAN TWP

DYMENT AREA

TUSTIN TWP

McNICOLL & TUSTIN TWP

CONTACT BAY AREA

TURTLE POND LAKE AREA

DRYDEN WABIGOOL AREA

2 sets of

FINAL REPORT

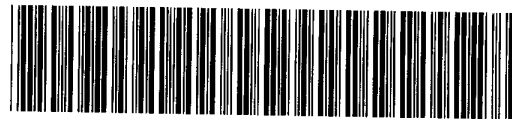
5 PAGES + 3 EXTRAS

ASSAY CERTIFICATES 24 NUMBERED 1 TO 18

20 PAGES OF WORK REPORTS SAMPLED AREAS SAMPLE DESCRIPTIONS

4 PAGES FINAL SUBMISSION REPORTS

4 PAGES MASTER SHEET OF SAMPLES



52F16SE0014 OP92-258 KEIKEWABIK LAKE

020C

DATE M D	ASSAY NO.	RELATION TO	SAMPLE WIDTH (inches)	WALL WIDTH (inches)	STRIKE	ZONE WIDTH (inches)	VISIBLE MINERALIZATION	TYPE OF SAMPLE	QUARTZ WIDTH (inches)	ROCK TYPE	ppb Au	oz/ton Au	ppm Cu	ppm Ni	NOTES & COMMENTS
10 09	0418	Revell Twp. West of 1133683	6		278°	?	Minor Py	Chips	6	Amphibolite	43				West of line
10 09	0419	Pit on 1133681	6		110°	72	10% Py	Chips		Diorite	2578	.07			High on South wall Mid pit
10 09	0420	East of 1133683	?		?	?	Minor Py	Grab	?	Amphibolite	9				East of line
10 09	0421	300 ft. West of pit 1133683	8		72°	72	Minor Py	Grab	8	Amphibolite	18				
10 09	0422	Rock cut on Highway 17	12	?	?	?	Minor Py	Grab	12	Amphibolite	9				East of Jackfish Lake
10 11	0423	Tustin Twp. East of Pine Road	4		90°	12	None	Grab		Quartzite	36				South of Stewart Lake
10 11	0424	West of Pine Road by road	2				Minor Py	Grab	2	Mafic volcanics	43				
10 11	0425	South of Stewart Lake	4	?	?	?	Mica	Grab		Granite pegamite	34				
10 11	0426	East of Pine Road	12			240	Minor Py	Grab	12	Mafic volcanics			61	34	Rusty zone by road
10 11	0427	By Hydro poles	12			240	50% Msv Py	Grab	?	Mafic volcanics			114	67	Rusty zone by road
10 11	0428	By Hydro poles	12			240	50% Msv Py	Grab	?	Mafic volcanics	36				Rusty zone by road
10 11	0429	North side of Highway 17	12				10% S	Grab	12	Mafic volcanics	37				North of Highway 17
10 11	0430	North side of Highway 17	12				Same Sample as 0429		12	Mafic volcanics			119	30	North of Highway 17
10 17	0431	West of Pine Station	24		340°	36	5% S	Grab	24	Mafic volcanics	9				
10 17	0432	North of Lake	6		340°	36	None	Grab	6	Mafic volcanics	15				West of Pine Station
10 17	0433	North of Lake	6		340°		Minor Py	Grab	6	Mafic volcanics	9				Tustin Twp.
10 17	0434	CP rock cut by Pine Station	4		?	?	None	Grab	4	Mafic volcanics	13				
10 18	0435	South of Pipeline				96	20% Py	Grab		Mafic volcanics	12				Prospect from Pipeline
10 18	0436	South of Highway 17 Octopus Lake	6	?		72	10% Py CP	Grab	6	Mafic volcanics	10				North & South
10 18	0437	On Pine Road	72			72	30% Py CP	Chips	24	Mafic volcanics	9				
10 22	0438	Small Lake West of Higbee Lake	1		?	?	None	Grab	1	Quartz diorite	104				West of S 500 Higbee Lake
10 22	0439	North side of Lake	3		20°	?	Minor Py	Grab	3	Quartz diorite	2257				Garnet Bay area
10 22	0440	North side of Lake	3		20°	120	None	Grab	3	Quartz diorite	19				Line Lake area
10 22	0441	North side of Lake	12		20°	120	Minor Py	Chips	12	Quartz diorite	873				
10 22	0442	North side of Lake	12		20°	120	Minor Py	Chips	12	Quartz diorite	22				

DATE M D	ASSAY NO.	RELATION TO	SAMPLE WIDTH (inches)	WALL WIDTH (inches)	STRIKE	ZONE WIDTH (inches)	VISIBLE MINERALIZATION	TYPE OF SAMPLE	QUARTZ WIDTH (inches)	ROCK TYPE	ppb Au	oz/ton Au	ppm Cu	ppm Ni	NOTES & COMMENTS
09 20	0391	Kozway Glatz occurrence 1160966	36		170°	244	10% Py CP	Chips		Mafic volcanics	Not assayed				
09 20	0392	Kozway Glatz occurrence 1160966	144		170°	244	10% Py CP	Chips		Mafic volcanics	Not assayed				
09 20	0393	Kozway Glatz occurrence 1160966	36		170°	244	20% Py CP	Chips		Mafic volcanics	47		8446	4682	Assayed by Inco
09 20	0394	Kozway Glatz occurrence 1160966	36		170°	244	5% Py CP	Chips		Mafic volcanics	228		3873	5411	Assayed by Inco
09 20	0395	Kozway Glatz occurrence 1160966	36		170°	244	15% Py CP	Chips		Mafic volcanics	Not assayed				
09 20	0396	Kozway Glatz occurrence 1160966	36		170°	244	10% Py CP	Chips		Mafic volcanics	Not assayed				
09 20	0397	Kozway Glatz occurrence 1160966	36		170°	244	20% Py CP	Chips		Mafic volcanics	10		1333	451	Assayed by Inco
09 26	0398	Kozway Glatz occurrence 1160966	240		170°	244	20% Py CP	Grab		Mafic volcanics	22		2099	2345	Assayed by Inco
09 26	0399	Kozway Glatz occurrence 1160966	10		170°	244	50% Py CP	Grab		Mafic volcanics			8832	8498	
09 26	0400	Kozway Glatz occurrence 1160965	12	?	90°	?	5% Py CP	Grab	10	Mafic volcanics	27				West claim line of 1160965
09 26	0401	Diamond drill well, Eton township						Grab of dull cuttings from neighbours well		Mafic volcanics	67		68	61	
10 03	0402	Barton occurrence, Gaznet Bay	2		50°	24	Minor Py	Grab	2	Quartz diorite		3.05			By test pit on 1133320
10 04	0403	S 500 adit claim 1053040	10		20°	360	Minor Py	Chips	10	Quartz diorite		.07			North of adit
10 05	0404	S 500 adit claim 1053040	24		20°	360	Minor Py	Chips	14	Quartz diorite		.118			North of adit
10 05	0405	S 500 adit claim 1053040	24	15	20°	360	50% msv Py	Chips	9	Quartz diorite		.45			North of adit
10 07	0406	Hyndman township 1133687	8		130°	140	None	Chips	8	Felsic dike	6327	.18			Near North line
10 07	0407	Hyndman township 1133687	6		130°	140	Minor Py	Chips	6	Felsic dike	7				10 ft. from 0406
10 07	0408	Hyndman township 1133687	6		130°	?	None	Chips	6	Mafic volcanics	129				300 ft. at 300° from 0406
10 08	0409	Old showing occurrence Hyndman township	12		300°	244	Minor Py	Chips	12	Mafic volcanics	7				Old showing occurrence
10 08	0410	Old showing occurrence Hyndman township	48	12	300°	244	Minor Py	Chips	48	Mafic volcanics	24				
10 08	0411	Old showing occurrence Hyndman township	60		300°	244	Minor Py	Chips		Mafic volcanics	9				
10 08	0412	Old showing occurrence Hyndman township	80		300°	244	Minor Py	Chips		Mafic volcanics	10				
10 08	0413	Old showing occurrence Hyndman township	48	12	300°	244	Minor Py	Chips		Mafic volcanics	67				
10 08	0414	Old showing occurrence Hyndman township	36	26	300°	244	Minor Py	Chips	10	Mafic volcanics	76				
10 07	0415	Hyndman township 1133687	4		?	?	Minor Py	Chips	4	Mafic volcanics	71				Rock out on CPR East of shaft
10 07	0416	Hyndman township 1133687	48		100°	96	None	Chips	48	Mafic volcanics	1916	.05			East of shaft
10 07	0417	Pipeline South of 1133687	8		?	?	Minor Py	Chips	8	Mafic volcanics	28				On Pipeline right of way

DATE M D	ASSAY NO.	RELATION TO	SAMPLE WIDTH (inches)	WALL WIDTH (inches)	STRIKE	ZONE WIDTH (inches)	VISIBLE MINERALIZATION	TYPE OF SAMPLE	QUARTZ WIDTH (inches)	ROCK TYPE	ppB Au	oz/ton Au	ppM Cu	ppM Ni	NOTES & COMMENTS
06	21	0362	Contact Bay area	4	2		Minor Pyrite	Grab		diabase & quartz	140				claim No 1160964
07	26	0363	Contact Bay - Trap Lake occ.	136	136	140°	Minor Pyrite	Chips	2	hornblende diorite		Not Assayed			
07	26	0364	Contact Bay - Trap Lake occ.	20		140°	20% S CP Py	Chips	20	hornblende diorite	559		40190		Sent to Inco
07	26	0365	Contact Bay - Trap Lake occ.	36		140°	20% S CP Py	Chips	36	hornblende diorite	1300		25420		Explorations for Assays
07	26	0366	Contact Bay - Trap Lake occ.	36			None	Chips	36	hornblende diorite		Not Assayed			
07	26	0367	Contact Bay - Trap Lake occ.	36		140°	None	Chips	36	hornblende diorite		Not Assayed			
07	26	0368	Contact Bay - Trap Lake occ.	4		140°	None	Grab	4	rhyolite & quartz		Not Assayed			Pit NorthWest end of claim
08	14	0369	Claim 1133689 Revell Township	6		125°	Minor Pyrite	Grab	6	rhyolite & quartz	91				By old shaft on 1133689
08	14	0370	Claim 1133689 Revell Township	12		125°	Minor Pyrite	Chips	112	rhyolite & quartz	30				By old shaft on 1133689
08	15	0371	South end of 1133689 Revell Twp.	64		120°	Minor Pyrite	Grab	4	rhyolite & quartz	16				
08	15	0372	South end of 1133689 Revell Twp.	20		120°	Minor Pyrite	Chips	20	amphibolite & qtz	13				South end of 1133689
08	15	0373	South end of 1133689 Revell Twp.	4		120°	None	Select	4	amphibolite & qtz	22				
08	15	0374	South end of 1133689 Revell Twp.	4		120°	None	Grab	4	amphibolite & qtz	10				
08	16	0375	1133684 Hyndman Township	96		300°	Minor Pyrite	Chips	72	granodiorite qtz	76				
08	16	0376	1133684 Hyndman Township	24		300°	Minor Pyrite	Chips	24	granodiorite qtz	3490	.102			Claim 1133684
08	16	0377	1133684 Hyndman Township	24		300°	Minor Pyrite	Chips	24	granodiorite qtz	916	.02			Pidgeon Hyndman
08	17	0378	1133684 Hyndman Township	48	24	300°	Minor Pyrite	Chips	24	granodiorite qtz	30				Occ. Hyndman
08	17	0379	20 feet South of 1133684	36	10	300°	10% CP Py	Chips	15	granodiorite qtz	838	.03			Township
08	17	0380	20 feet South of 1133684	?		300°	75% CP Py	Grab		granodiorite qtz	195050	.55			
08	17	0381	By #2 post 1133684	12		300°	Minor Pyrite	Grab	6	granodiorite qtz	2024	.05	17100	310	Same area as 0363 to 0367
08	19	0382	Contact Bay - Trap Lake occ.	60		140°	30% CP Py	Chips		hornblende diorite	441	.013			
08	19	0383	Contact Bay - Trap Lake occ.	4	?	?	Lumps of Mag.	Grab		hornblende diorite	21		787	22	On West claim line 1160964
08	19	0384	Contact Bay - Trap Lake occ.	24		140°	Minor Pyrite	Grab	24	hornblende diorite	12				Same area as 0368
09	12	0385	Claim No. 1160965	144		170°	Minor Pyrite	Chips		mafic volcanics	21		44	223	
09	12	0386	Claim No. 1160965	48		170°	Minor Pyrite	Chips		mafic volcanics	28		337	493	Kozway Glatz occ.
09	12	0387	Claim No. 1160965	48		170°	20% CP Py	Occ. Grab		mafic volcanics	87		4848	768	Claim 1160965
09	12	0388	Claim No. 1160965	24		170°	20% CP Py	Grab		mafic volcanics	26		1072	578	Turtle Pond Lake area
09	12	0389	Claim No. 1160965	12		170°	20% CP Py	Grab		mafic volcanics	231		2896	172	
09	20	0390	Claim No. 1160965	?			10% CP Py	Grab		mafic volcanics			120	74	

* CP = calcopyrite ** Py = pyrite *** S = Sulphides **** Mag = Magnetite

DATE M/D	ASSAY NO.	RELATION TO	SAMPLE WIDTH (inches)	WALL WIDTH (inches)	STRIKE	ZONE WIDTH (inches)	VISIBLE MINERALIZATION	TYPE OF SAMPLE	QUARTZ WIDTH (inches)	ROCK TYPE	ppb Au	oz/ton Au	ppm Cu	ppm Ni	NOTES & COMMENTS
10 24	0443	1133320 Barton Occ.	2		140°	24	Minor S	Grab	2	Quartz diorite	826	.02			Possible tension fracture of main vein 1133320
10 04	0444	Garnet Bay area	2		140°	24	None	Grab	2	Quartz diorite	55	.001			
10 24	0445	S 500 Adit Higbee Lake	8		20°	360	Minor Py	Chips	8	Quartz diorite		.06			Stripped area above adit
10 25	0446		18	10	20°	360	10% Py CP	Chips	8	Quartz diorite		.64			
10 25	0447	Claim 1053040	48	12	20°	360	20% Py CP	Chips	36	Quartz diorite		1.64			
10 25	0448	Stripped area	48	12	20°	360	20% Py CP	Chips	36	Quartz diorite		2.24			
10 25	0449	Above adit	2		20°	360	75% Py	Chips		Quartz diorite		3.42			
10 26	0450		12		20°	360	10% Py	Chuncks	12	Quartz diorite		.08			
10 24	0451	Barton Occ.	3		45°	24	None	Whole Vein	3	Quartz diorite	1836	.05			VG vein 1133320
10 27	0452	Gordon Lake Road West	300	255	360°	300	Minor S	Chips	45	Quartz & Gabbro	6				Gordon Lake Road Tustin Township
10 27	0453	in Tustin Twp.	30								6				
10 27	0454	in Tustin Twp	12		80°		None	Grab	12	Quartz & Gabbro	6				
10 27	0455		12		90°		None	Grab	12	Metamorphic	15				
10 27	0456	Taken to MNDM, Kenora for identification					Skarn with epidote actinolite garnets								
10 27	0457	South of Hwy. 17, Gordon Lk.	2	24	?°	144	50% S	Grab	2	Mafic volcanics	<5		580	69	
10 29	0458	Check on prev. sample 0406	8		310°	?	Minor Py	Chips	8	Mafic volcanics	<5				Larger Sample fr. 0406
11 01	0459	1133681 Revell Twp.	8			72	Minor Py	Grab	8	Amphibolite	26				Revell
11 01	0460	10 feet from 0459	8			72	Minor Py	Grab	8	Amphibolite	<13				
11 01	0461	Pit 1133681	24		110°	72	20% CP Py	Grab	8	Diorite	3024	.08			
11 26	0462	Pit on 1133681 Revell Twp.	24		110°	72	10% CP Py	Chips	24	Diorite		.039			Revell Township pit on 1133681
11 26	0463	Pit on 1133681 Revell Twp.	24		110°	72	10% CP Py Bn	Chips	24	Diorite		.196			
11 26	0464	Pit on 1133681 Revell Twp.	24		110°	72	20% CP Py	Chips	24	Diorite		.041			
11 26	0465	Pit on 1133681 Revell Twp.				72	20% CP Py Bn	Chips	24	Diorite		.125			



ACCURASSAY LABS

A DIVISION OF ASSAY LABORATORIES SERVICES INC.

1070 LITHIUM DRIVE, UNIT 2
THUNDER BAY, ONTARIO P7B 6G3
(807) 623-6448 FAX 623-6820

8-Jul-92

Bernard Barton
P.O. BOX 254
Dryden, ON
P8N 2Y8

Page: 1
Copy: 1 of 1
Set : 1

Attn: Mr. Bernard Barton
Project:

PO #:

Received: 29-Jun-92 09:50

Job: 9243041

Status: Final

Rock Samples

Sample	AU FA/AA3 ppb
0362	140

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Activation Laboratories Ltd. Work Order: 4355 Report: 4344B

Sample description	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	MY PPM	SR PPM	CD PPM	BI PPM	V PPM	CA t	P t	MG t	TI t	AL t	K t	Y PPM	BB PPM
RX 205569	92.	<5.	486.	<0.3	52.	219.	54.	<0.5	<5.	96.	1.82	0.030	0.51	0.42	2.84	0.30	14.	<2.
RX 205570	15.	17.	92.	0.4	124.	1947.	144.	<0.5	<5.	251.	9.33	0.024	6.71	0.44	6.63	0.44	23.	<2.
RX 205571	89.	13.	89.	0.3	88.	1358.	155.	<0.5	<5.	259.	9.19	0.025	5.62	0.47	7.06	0.02	20.	<2.
RX 205572	66.	5.	78.	0.4	108.	1425.	25.	0.5	<5.	233.	6.58	0.023	6.83	0.42	6.14	0.80	18.	<2.
RX 205578 0364	42190.	<5.	346.	23.1	204.	713.	19.	3.2	<5.	55.	0.93	0.042	1.21	0.19	2.36	0.57	8.	<2.
RX 205579 0365	25420.	17.	186.	24.0	365.	579.	29.	1.9	25.	23.	1.07	0.018	0.94	0.12	1.34	0.14	8.	<2.

SEP 01 '92 08:15 HCL1VH1UN LHRB

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Activation Laboratories Ltd. Work Order: 4355 Report: 4344

Sample description	AU PPB	AS PPM	BA PPM	BR PPM	CO PPM	CR PPM	CS PPM	FE %	HF PPM	HG PPM	IR PPB	MO PPM	NA PPM	RB PPM	SB PPM	SC PPM	SE PPM	SN %	TA PPM	TH PPM	U PPM	W PPM	LA PPM	CE PPM
RX 205569	15	47	110	<1	35	160	<2	12.3	0.9	<1	<5	<5	12000	<30	1.0	12	<5	<0.01	<1	0.6	<0.5	<4	3	6
RX 205570	6	<2	280	<1	53	520	2	9.43	1.2	<1	<5	<5	4690	49	<0.2	42	<5	<0.01	<1	<0.5	<0.5	<4	3	7
RX 205571	<5	<2	<100	<1	51	260	<2	8.31	1.4	<1	<5	<5	11600	<30	<0.2	38	<5	<0.01	<1	<0.5	<0.5	<4	3	8
RX 205572	<5	<2	360	<1	49	480	<2	7.98	1.2	<1	<5	<5	17000	<30	<0.2	37	<5	<0.01	<1	<0.5	<0.5	<4	2	6
RX 205578 #0364	569	7	120	5	280	340	<2	8.53	1.0	<1	<5	<5	<500	<30	0.2	8.5	<5	<0.01	<1	1.0	<0.5	<4	3	9
RX 205579 #0365	1300	17	<100	5	570	440	<2	11.1	<0.5	<1	<5	<5	<500	<30	<0.2	2.8	6	<0.01	<1	<0.5	<0.5	<4	1	<3

SEP 01 '92 08:13 ACTIVATION LABS

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Activation Laboratories Ltd. Work Order: 4355 Report: 4344

Sample description	ND PPM	SM PPM	KU PPM	TB PPM	YB PPM	LU PPM	Mass g
RX 205569	<5	1.4	0.5	<0.5	1.0	0.16	2.197
RX 205570	<5	1.8	0.9	0.8	1.6	0.28	1.902
RX 205571	6	1.7	0.6	<0.5	1.7	0.25	2.030
RX 205572	<5	1.5	0.4	<0.5	1.5	0.21	1.956
RX 205578 0364	<5	0.8	<0.2	<0.5	0.7	0.12	1.904
RX 205579 0365	<5	0.2	<0.2	<0.5	0.6	0.12	2.196

ACCURASSAY LABS

A DIVISION OF ASSAY LABORATORY SERVICES INC.



1070 LITHIUM DRIVE, UNIT 2
THUNDER BAY, ONTARIO P7B 6G3
(807) 623-6448 FAX 623-6820

8-Sep-92

Bernard Barton
P.O. BOX 254
Dryden, ON
P8N 2Y8

Page: 2
Copy: 1 of 1
Set : 2

Attn: Mr. Bernard Barton
Project:

PO #:

Received: 24-Aug-92 06:49

Job: 924530T

Status: Final

Rock Samples

Sample	Au FA/AA3 ppb	Au Calc. oz/T
0369	91	0.003
0370	30	<0.001
0371	16	<0.001
0372	13	<0.001
0373	22	<0.001
0374	10	<0.001
0375	76	0.002
0376	3490	0.102
0377	915	0.027
0378	37	0.001
0379	838	0.024
0380	19050	0.556
0381	441	0.013
0382	2024	0.059
0383	21	<0.001
0384	12	<0.001

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ACCURASSAY LABS

A DIVISION OF ASSAY LABORATORY SERVICES INC.



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1070 LITHIUM DRIVE, UNIT 2
THUNDER BAY, ONTARIO P7B 6G3
(807) 623-6448 FAX 623-6820

8-Sep-92

Bernard Barton
P.O. BOX 254
Dryden, ON
P8N 2Y8

Page: 1
Copy: 1 of 1
Set: 1

Attn: Mr. Bernard Barton
Project:

Received: 24-Aug-92 06:49

PO #:

Job: 924530T

Status: Final

Rock Samples

Sample	Mo ICAP ppm	Cu ICAP ppm	Pb ICAP ppm	Zn ICAP ppm	Ag ICAP ppm	Ni ICAP ppm	Co ICAP ppm
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0382	2	17180	6	116	20.2	310	315
0383	1	787	3	84	3.5	22	41

Sample	Mn ICAP ppm	Fe ICAP %	As ICAP ppm	Hg ICAP ppm	Sr ICAP ppm	Cd ICAP ppm	Sb ICAP ppm
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0382	275	11.91	8	<3	2	1	<2
0383	640	8.98	<2	<3	15	1	<2

Sample	Bi ICAP ppm	V ICAP ppm	Ca ICAP %	P ICAP %	La ICAP ppm	Cr ICAP ppm	Mg ICAP %
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0382	4	13	0.28	0.02	<1	213	0.67
0383	<3	213	1.39	0.22	25	70	1.06

Sample	Ba ICAP ppm	Ti ICAP %	Al ICAP %	Na ICAP %	Si ICAP %	W ICAP ppm	Be ICAP ppm
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0382	33	0.02	0.92	<0.01	0.01	<2	<1
0383	48	0.61	2.06	0.05	<0.01	<2	4

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Activation Laboratories Ltd. Work Order: 4480 Report: 4466B

Sample description	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	MN PPM	SR PPM	CD PPM	BI PPM	V PPM	CA %	P %	MG %	TI %	AL %	K %	Y PPM	BB PPM
RX 196561	1314.	17.	496.	0.6	122.	741.	86.	2.2	<5.	28.	1.56	0.021	0.69	0.10	2.96	0.23	7.	<2.
RX 196562	63.	15.	72.	0.6	4.	220.	97.	<0.5	<5.	19.	0.99	0.013	0.15	0.13	3.23	0.69	2.	<2.
RX 196563	3513.	22.	130.	<0.3	37.	152.	230.	0.8	<5.	15.	1.45	0.015	0.12	0.10	5.88	2.98	7.	<2.
RX 196564	2457.	7.	2867.	2.3	79.	3727.	624.	10.9	<5.	95.	5.51	0.263	2.05	0.61	6.02	1.73	36.	<2.
RX 196565 <i>D.</i>	126.	7.	377.	0.7	133.	3171.	184.	0.5	<5.	259.	8.57	0.030	4.38	0.45	9.51	0.48	24.	<2.
RX 196566 <i>S. Sengcan</i>	110.	<5.	128.	0.5	48.	6052.	85.	1.2	<5.	295.	5.16	0.023	3.77	0.58	7.08	0.42	24.	<2.
RX 196567	160.	7.	115.	0.8	44.	4682.	118.	1.1	<5.	257.	7.29	0.031	4.00	0.50	7.32	0.53	22.	<2.
RX 196568	37.	86.	41.	<0.3	3.	49.	323.	0.5	<5.	3.	1.07	0.007	0.03	0.04	7.72	5.82	4.	3.
RX 196569	73.	9.	201.	<0.3	20.	1091.	237.	0.7	<5.	66.	3.82	0.011	1.23	0.16	8.26	0.61	6.	<2.
RX 196570	1559.	12.	9100.	2.2	73.	11941.	120.	22.9	<5.	77.	3.85	0.023	1.73	0.14	4.39	0.51	16.	<2.
RX 196571	61.	22.	112.	<0.3	6.	346.	465.	0.6	<5.	25.	1.22	0.086	0.43	0.28	4.77	3.19	8.	2.
RX 196572 <i>Cartwright</i>	2979.	<5.	37.	1.1	5.	749.	257.	2.0	<5.	135.	3.65	0.111	0.78	0.95	7.48	0.11	80.	<2.
RX 196573	195.	<5.	117.	1.0	395.	1190.	263.	1.3	<5.	149.	5.15	0.083	5.50	0.53	8.68	0.38	23.	<2.
RX 196574 <i>R.</i>	490.	<5.	96.	0.5	424.	1087.	341.	1.1	<5.	150.	6.23	0.068	4.92	0.59	9.26	0.31	20.	<2.
RX 196575 <i>Benton</i>	1130.	<5.	94.	1.6	591.	1124.	317.	1.0	<5.	147.	6.04	0.074	5.09	0.54	9.02	0.36	19.	<2.
RX 196576	1513.	<5.	98.	1.5	751.	1158.	322.	0.6	<5.	144.	5.69	0.070	5.71	0.46	9.27	0.32	18.	<2.
RX 196577	2598.	<5.	78.	1.9	2592.	931.	211.	1.0	<5.	124.	4.26	0.061	4.54	0.43	5.57	0.20	20.	2.

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UCL 101 52 11:13 HCL/WH/ION LHS

Activation Laboratories Ltd. Work Order: 4480 Report: 4466

Sample description	ND PPH	SM PPM	SU PPM	TB PPM	YB PPM	LU PPM	Mass g
RX 196561	7	1.2	0.5	<0.5	0.7	0.13	2.145
RX 196562	<5	0.6	0.4	<0.5	<0.2	<0.05	1.930
RX 196563	8	1.2	0.8	<0.5	0.5	0.07	2.054
RX 196564	74	12	3.3	<0.5	1.8	0.30	2.194
RX 196565	12	2.2	0.6	<0.5	2.2	0.31	2.451
RX 196566	<5	2.3	1.0	<0.5	2.1	0.32	2.505
RX 196567	9	1.9	0.7	<0.5	1.9	0.28	2.563
RX 196568	6	0.8	0.4	<0.5	<0.2	<0.05	2.179
RX 196569	<5	0.6	0.4	<0.5	0.5	0.11	2.145
RX 196570	12	1.9	0.6	<0.5	1.4	0.21	2.195
RX 196571	29	4.9	1.1	<0.5	0.8	0.14	1.898
RX 196572	15	6.4	2.3	1.9	7.5	1.16	2.129
RX 196573	11	3.3	1.0	<0.5	1.9	0.28	1.905
RX 196574	10	3.1	0.9	<0.5	2.0	0.27	1.621
RX 196575	10	2.8	0.9	<0.5	1.6	0.23	2.081
RX 196576	11	2.8	0.9	0.8	1.5	0.26	1.943
RX 196577	11	2.8	0.8	<0.5	1.7	0.23	2.319

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GA

Activation Laboratories Ltd. Work Order: 4480 Report: 4466

Sample description	AU PPB	AS PPM	BA PPM	BR PPM	CO PPM	CR PPM	CS PPM	FE %	HF PPM	HG PPM	IR PPB	MO PPM	NA PPM	RB PPM	SB PPM	SC PPM	SE PPM	SN %	TA PPM	TH PPM	U PPM	V PPM	LA PPM	CE PPM
RX 196561	150	<2	<100	<1	93	130	3	13.9	1.2	<1	<5	<5	7760	<30	0.9	8.6	11	<0.01	<1	1.8	1.0	<4	9	17
RX 196562	23	<2	150	<1	<5	78	<2	4.09	2.2	<1	<5	<5	13200	33	0.3	2.9	<5	<0.01	<1	3.1	0.5	<4	9	12
RX 196563	26	<2	810	2	32	140	<2	3.11	3.5	<1	<5	<5	27000	70	0.8	3.3	<5	<0.01	<1	5.7	1.7	<4	9	14
RX 196564	16	2	370	<1	63	71	<2	13.1	5.9	<1	<5	12	10700	100	0.6	13	<5	<0.01	<1	4.8	1.9	<4	66	121
RX 196565	11	<2	190	7	37	280	4	9.39	1.4	<1	<5	<5	16400	<30	<0.2	42	<5	<0.01	<1	0.7	<0.5	<4	10	19
RX 196566	13	<2	160	3	39	81	4	14.4	1.8	<1	<5	<5	8460	40	0.3	50	<5	<0.01	<1	0.7	<0.5	<4	6	11
RX 196567	16	<2	110	<1	39	44	2	11.4	1.6	<1	<5	<5	14600	<30	0.4	40	<5	<0.01	<1	1.1	<0.5	<4	5	12
RX 196568	7	<2	730	<1	<5	73	<2	0.27	2.3	<1	<5	<5	18500	130	0.9	0.6	<5	<0.01	<1	4.3	3.4	<4	11	17
RX 196569	17	<2	130	5	10	180	4	2.41	2.9	<1	<5	<5	33700	<30	1.5	11	<5	<0.01	<1	0.6	<0.5	<4	5	6
RX 196570	17	3	120	<1	55	120	<2	12.8	1.6	<1	<5	<5	6520	<30	1.2	13	8	<0.01	<1	4.9	1.2	<4	13	22
RX 196571	12	<2	1000	<1	6	140	5	2.09	5.5	<1	<5	<5	33700	95	0.4	3.0	<5	<0.01	<1	21	4.6	<4	50	79
RX 196572	21	<2	<100	<1	53	62	<2	12.5	5.8	<1	<5	<5	26800	<30	5.7	30	8	<0.01	<1	1.6	<0.5	<4	10	29
RX 196573	21	4	130	<1	46	390	<2	7.92	2.7	<1	<5	<5	13600	<30	24	24	<5	<0.01	<1	1.0	<0.5	<4	11	27
RX 196574	28	<2	180	<1	64	250	<2	8.02	2.7	<1	<5	<5	15800	41	13	23	<5	<0.01	<1	1.2	<0.5	<4	11	25
RX 196575	23	<2	190	<1	46	350	<2	7.75	2.5	<1	<5	<5	13600	35	0.4	20	<5	<0.01	<1	<0.5	<0.5	<4	11	22
RX 196576	26	<2	260	<1	52	430	<2	8.87	2.2	<1	<5	<5	11700	<30	0.2	24	<5	<0.01	<1	0.9	<0.5	<4	10	24
RX 196577	211	34	<100	<1	580	440	<2	17.5	1.9	<1	<5	<5	6460	<30	0.4	16	20	<0.01	<1	0.8	<0.5	<4	9	18

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1070 LITHIUM DRIVE, UNIT 2
THUNDER BAY, ONTARIO P7B 6G3
(807) 623-6448 FAX 623-6820

18-Sep-92

Bernard Barton
P.O. BOX 254
Dryden, ON
P8N 2Y8

Page: 1
Copy: 1 of 1
Set: 1

Attn: Mr. Bernard Barton
Project:

Received: 15-Sep-92 10:36

PO #:

Job: 9246091

Status: Final

Chip Samples

Sample	Cu	Ni
	AA ppm	AA ppm
0385	44	223
0386	337	493

Grab Samples

0387	4848	768
0388	1072	578
0389	2896	172
0390	120	74

V

Activation Laboratories Ltd. Work order: 4513 Report: 4490

Sample description	ND PPM	SM PPM	EU PPM	TB PPM	YB PPM	LU PPM	Mass g
RX 197400	<5	0.2	<0.2	<0.5	<0.2	<0.05	4.268
RX 181565	<5	0.3	<0.2	<0.5	<0.2	0.08	3.277
RX 181566	<5	0.7	0.3	<0.5	0.8	0.14	3.249
RX 181567	30	5.2	0.8	0.7	2.7	0.47	2.035
RX 181568	16	2.5	0.8	<0.5	0.7	0.09	2.315
RX 181569	22	4.3	0.8	0.6	2.1	0.33	2.019
RX 181570 93	12	2.3	0.8	0.6	1.3	0.17	2.394
RX 181571 94	9	2.0	0.7	1.1	1.1	0.16	2.402
RX 181572 97	11	2.2	0.7	0.5	1.2	0.21	2.196
RX 181573 95	11	2.2	0.7	<0.5	1.2	0.20	2.128

6

Activation Laboratories Ltd. Work order: 4513 Report: 4490B

Sample description	CU	PB	ZN	AG	NI	MN	SR	CD	BI	V	CA	P	MG	TI	AL	K	Y	BE
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
RX 181565	1494.	5.	43.	3.2	210.	456.	8.	<0.5	<5.	7.	0.38	0.009	0.37	0.02	0.30	0.02	5.	<2.
RX 181566	45.	<5.	170.	0.6	32.	3050.	75.	1.8	<5.	635.	3.67	0.023	1.34	0.39	2.30	0.21	8.	<2.
RX 181567	130.	548.	853.	2.2	48.	192.	383.	7.0	<5.	33.	0.76	0.029	0.50	0.11	4.49	1.98	23.	<2.
RX 181568	52.	40.	128.	0.4	406.	919.	1301.	<0.5	<5.	73.	5.39	0.050	4.54	0.35	6.41	1.88	11.	<2.
RX 181569	120.	730.	1866.	2.2	70.	377.	594.	16.0	<5.	47.	1.53	0.042	1.28	0.19	4.75	2.75	20.	<2.
RX 181570	8446.	7.	134.	3.0	4602.	1116.	265.	2.2	10.	135.	5.66	0.067	3.83	0.51	5.88	0.40	13.	<2.
RX 181571	3873.	<5.	50.	1.1	5411.	1210.	201.	1.3	<5.	138.	4.60	0.077	4.64	0.62	5.68	0.28	14.	<2.
RX 181572	1333.	<5.	77.	0.3	451.	1205.	260.	<0.5	<5.	156.	5.45	0.058	4.86	0.60	7.15	0.37	14.	<2.
RX 181573	2099.	<5.	71.	0.4	2345.	1259.	206.	0.7	<5.	128.	4.80	0.061	5.40	0.54	6.50	0.33	14.	<2.
RX 197400	2619.	12.	14.	4.6	142.	294.	4.	<0.5	<5.	2.	0.06	0.005	0.11	0.01	0.22	0.02	2.	<2.

393
94
97
98

8446.
3873.
1333.
2099.

7

Activation Laboratories Ltd. Work order: 4513 Report: 4490

Sample description	AU PPB	AS PPM	BA PPM	BR PPM	CO PPM	CR PPM	CS PPM	FE %	HF PPM	HG PPM	IR PPB	MO PPM	NA PPM	RB PPM	SB PPM	SC PPM	SE PPM	SN %	TA PPM	TH PPM	U PPM	W PPM	LA PPM	CE PPM	
RX 197400	<5	17	<100	<1	560	48	<2	36.2	<0.5	<1	<5	<5	<500	<30	<0.2	0.8	<5	<0.01	<1	<0.1	<0.5	<4	2	<3	
RX 181565	<5	4	<100	<1	35	46	<2	42.1	<0.5	<1	<5	<5	1350	<30	<0.2	2.7	<5	<0.01	<1	<0.1	<0.5	<4	1	<3	
RX 181566	<5	<2	190	<1	10	120	<2	37.5	1.2	<1	<5	<5	8610	<30	<0.2	9.3	<5	<0.01	<1	1.3	<0.5	<4	3	3	
RX 181567	18	61	360	<1	16	130	<2	2.46	4.5	<1	<5	<5	22500	42	0.6	3.3	<5	<0.01	1	8.9	2.6	10	35	59	
RX 181568	<5	9	530	<1	26	420	<2	3.13	1.3	<1	<5	<5	27500	<30	0.3	8.8	<5	<0.01	<1	3.3	1.4	5	19	37	
RX 181569		12	31	780	<1	17	160	<2	3.06	3.1	<1	<5	<5	16400	60	0.6	5.1	<5	<0.01	<1	6.4	1.6	10	28	56
RX 181570	93	47	3	<100	2	230	310	<2	13.8	2.0	<1	<5	<5	9880	<30	0.3	15	10	<0.01	<1	1.3	0.8	<4	11	22
RX 181571	94	228	3	150	<1	230	370	<2	14.7	2.7	<1	<5	<5	10500	<30	<0.2	16	5	<0.01	<1	1.0	<0.5	<4	8	18
RX 181572	97	10	2	<100	<1	68	300	<2	9.45	2.3	<1	<5	<5	11600	<30	<0.2	19	<5	<0.01	<1	1.5	<0.5	<4	9	20
RX 181573	98	22	<2	<100	<1	140	390	<2	10.7	1.9	<1	<5	<5	12700	<30	<0.2	18	<5	<0.01	<1	1.3	<0.5	<4	10	22

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8

Mr. Bernard Barton
Box 254
Dryden, ON
P8N 2Y8

9-Oct-92

Page: 1
Status: Final

Attn: Mr. Barton
Job: 924684T

Received: 29-Sep-92

Rock Samples

Sample	Au FA/AA3 ppb	Cu AA ppm	Ni AA ppm	Mo ICAP ppm	Cu ICAP ppm	Pb ICAP ppm
0399		8832	8448			
0400	27					
0401				1	68	7
Sample	Zn ICAP ppm	Ag ICAP ppm	Ni ICAP ppm	Co ICAP ppm	Mn ICAP ppm	Fe ICAP %
0401	67	0.5	61	18	349	3.19
Sample	As ICAP ppm	Hg ICAP ppm	Sr ICAP ppm	Cd ICAP ppm	Sb ICAP ppm	Bi ICAP ppm
0401	11	<3	57	1	4	10
Sample	V ICAP ppm	Ca ICAP %	P ICAP %	La ICAP ppm	Cr ICAP ppm	Mg ICAP %
0401	75	0.72	0.04	20	110	1.21
Sample	Ba ICAP ppm	Ti ICAP %	Al ICAP %	Na ICAP %	Si ICAP %	W ICAP ppm
0401	293	0.26	2.65	0.10	<0.001	4
Sample	Be ICAP ppm					
0401	2					

V



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9

Mr. Bernard Barton
Box 254
Dryden, ON
P8N 2Y8

22-Oct-92

Page: 1
Status: Final

Attn: Mr. Barton
Job: 924730T

Received: 8-Oct-92

Rock Samples

Sample	Au Pulp 1 oz/T	Au Pulp 2 oz/T	Au Metallics oz/T	Total Assay oz/T	% Metallics	
402	2.752	3.354	NO MET	---	---	3.05
403	0.080	0.078	0.047	0.072	20.64	.07
404	0.123	0.114	NO MET	---	---	
405	0.440	0.471	NO MET	---	---	1.15 1.15

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10

Mr. Bernard Barton
Box 254
Dryden, ON
P8N 2Y8

15-Oct-92

Page: 1
Status: Final

Attn: Mr. Barton
Job: 924740T

Received: 13-Oct-92

Rock Samples

Sample	Au FA/AA3 ppb
406	6327
407	7
408	129
409	7
410	24
411	9
412	10
413	67
414	76
415	71
416	1916
417	28
418	43
419	2578
420	9
421	18
422	9

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(807) 623-6448 FAX 623-6820

Mr. Bernard Barton
Box 254
Dryden, ON
P8N 2Y8

29-Oct-92

Page: 1
Status: Final

Attn: Mr. Barton
Job: 924744T

Received: 14-Oct-92

Rock Samples

	423	424	425	428	429
Au ppb (FA/AA3)	36	43	34	36	37
	426	427	430		
Mo ppm	1	3	1		
Cu ppm	61	114	119		
Pb ppm	<2	11	9		
Zn ppm	8	34	21		
Ag ppm	<0.1	<0.1	<0.1		
Ni ppm	34	67	30		
Co ppm	4	24	3		
Mn ppm	500	294	195		
Fe %	6.30	17.71	5.95		
As ppm	3	12	9		
Hg ppm	<3	4	<3		
Sr ppm	5	2	8		
Cd ppm	<1	1	<1		
Sb ppm	<2	8	5		
Bi ppm	<3	9	<3		
V ppm	1	1	14		
Ca %	0.05	0.07	0.23		
P %	0.02	0.02	0.06		
La ppm	2	2	14		
Cr ppm	11	21	34		
Mg %	0.07	0.12	0.16		
Ba ppm	22	43	24		
Ti %	<0.01	<0.01	0.11		
Al %	0.08	0.17	0.38		
Na %	<0.01	0.01	0.03		
Si %	<0.01	0.01	0.01		
W ppm	<2	<2	<2		
Be ppm	<1	<1	<1		



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Mr. Bernard Barton
Box 254
Dryden, ON
P8N 2Y8

26-Oct-92

Page: 1
Status: Final

Attn: Mr. Barton
Job: 924765T

Received: 20-Oct-92

Rock Samples

Sample	Au FA/AA3 ppb
431	9
432	15
433	9
434	13
435	12
436	10
437	9



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Page: 1

Barton, Mr. Bernard
Box 254
Dryden, Ontario
P8N 2Y8

November 3

92

Work Order # : 924789
Project :

SAMPLE NUMBERS	Customer	Gold ppb	Gold OZ/T	
1	438	104	0.003	
2	439	2257	0.066	
3	440	19	0.001	
4	441	873	0.025	
5	442	22	0.001	
6	443	826	0.024	
7	444	55	0.002	
8	445	2168	0.063	
9	446	22218	0.647	
10	447	56554	1.646	
10	447	59881	1.743	Check
11	448	77228	2.247	
12	449	117624	3.423	
13	450	2822	0.082	
14	451	1836	0.053	
14	451	2020	0.059	Check



ACCURASSAY LABS

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1070 LITHIUM DRIVE, UNIT 2
THUNDER BAY, ONTARIO P7B 6G3
(807) 623-6448 FAX 623-6820

Page: 1

Barton, Mr. Bernard
Box 254
Dryden, Ontario
P8N 2Y8

November 6 92

Work Order # : 924794
Project :

SAMPLE NUMBERS		Gold	Gold
Accurassay	Customer	ppb	Oz/T
1	452	6	<0.001
2	453	6	<0.001
3	454	6	<0.001
4	455	<5	<0.001
5	457	6	<0.001
5	457	<5	<0.001 Check



ACCURASSAY LABS

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15

1070 LITHIUM DRIVE, UNIT 2
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Page: 1

Barton, Mr. Bernard
Box 254
Dryden, Ontario
P8N 2Y8

November 6

92

Work Order # : 924794
Project :

SAMPLE NUMBERS		Copper	Nickel
Accurassay	Customer	ppm	ppm
5	457	500	69



ACCURASSAY LABS

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16

1070 LITHIUM DRIVE, UNIT 2
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Page: 1

Barton, Mr. Bernard
Box 254
Dryden, Ontario
P8N 2Y8

November 5

92

Work Order # : 924797
Project :

SAMPLE NUMBERS			Gold	Gold	
Accurassay	Customer		ppb	OZ/T	
1	458		<5	<0.001	
1	458		<5	<0.001	Check



ACCURASSAY LABS

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17

1070 LITHIUM DRIVE, UNIT 2
THUNDER BAY, ONTARIO P7B 6G3
(807) 623-6448 FAX 623-6820

Page: 1

Barton, Mr. Bernard
Box 254
Dryden, Ontario
P8N 2Y8

November 5

92

Work Order # : 924799
Project :

	SAMPLE NUMBERS		Gold	Gold	
	Accurassay	Customer	ppb	Oz/T	
1		459	26	0.001	
2		460	<5	<0.001	
3		461	3024	0.088	
3		461	3537	0.103	Check



ACCURASSAY LABS

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18

1070 LITHIUM DRIVE, UNIT 2
THUNDER BAY, ONTARIO P7B 6G3
(807) 623-6448 FAX 623-6820

Page: 1

Barton, Mr. Bernard
Box 254
Dryden, Ontario
P8N 2Y8

December 1 92

Work Order # : 924851
Project :

METALLICS GOLD

Accurassay Customer		#1 Pulp Assay Oz/T	#2 Pulp Assay Oz/T	Metallics Assay Oz/T	Total Oz/T	% Met.in pulp
1	462	0.033	0.044	No Met.	0.039	No Met.
2	463	0.198	0.185	0.323	0.196	3.15
3	464	0.041	0.041	No Met.	0.041	No Met.
4	465	0.136	0.113	0.193	0.125	0.78

Final Submission Report

Garnet Bay Area

Proposal #1 part # 1

Access ; By float plane from Dryden

Location; 49⁰ 37' north lat. 93⁰ 25' west long.

Geology; The Higbee Lake deformation zone, is in a formation of quartz diorite, extending about 6 miles south west from Eldorado Bay ON Eagle Lake, and averages about 1 mile wide

There are many shear zones and small quartz veins in this area many of these carrying small gold values.

The best I have found sofar are on claim 1053040 on Higbee Lake Proposal; To strip,trench, and sample, the 20⁰ veins by the old adit, to improve the showing.

I did not find the source of the visible gold that was in the slab of rock found last year but have opened up the area ,and have good assay results from the stripped area by the small band of massive pyrite.

I feel that I have greatly improved this showing, and will contact a few companies in the spring, if the interest in gold exploration improves.

Extension to proposal #1 part #1

I prospected on the north side of a small lake ,south west of "the old adit on Higbee Lake claim # 1053040"

and found it to be an extension of the same deformation zone. (Last year I prospected south of this lake and had poor results)

North of this lake I found small quartz veins and shear zones that do contain gold, (best sample .06 oz. ton gold over 3 inches this indicates to me that this area may be worth investigating. I plan to prospect more in this area next spring.

Proposal 1 part 2 Garnet Bay Area

1 mile east of Higbee Lake The Barton Occ.

I searched for extensions to the veins stripped last year and tried to trace a tension fracture sampled last year , back to the main vein, but had no luck.

The only good assays so far are from the small vein on claim 1133320.

I feel that this area still has possibilities and will prospect there again some time in the future.

Final Submission Report

Proposal #2 part #1

Revell twp. claims 1133681-83

Location; 49⁰ 35' north lat. 92⁰ 11' west long.

Access; from home, 27 km. to Dryden, 48 km. east on hwy. 17
8 km. north on Basket Lake road.

Geology; Large areas of muskeg swamp with islands of amphibolite
hornblende shist, small diorite out crops, and a few small felsic
dikes,

Proposal ; to dam the muskeg & water from the pit on claim 1133681
and to enlarge the trench and sample. and to prospect the surrounding
area.

As some of the surrounding area has been staked by Champion Bear
Resources early this spring, my prospecting has been limited to my
own claims.

Re; The damming of the water and muskeg and enlarging the pit
I did this and found that the higher grades were restricted
to a small area on the south wall of the pit where small bits of
visible gold were scattered throuout the vein.

By sampling the whole bottom of the trench, the average assay ran
.10 oz. ton gold over 2 feet for a strike length of 8 feet
Due to the fact that the good assays are restricted to a small
portion of the vein, I feel that this is not a very good showing.

Proposal #2 part #2

Revell twp. claim #1133689

Proposal; To prospect and sample by the old shaft on claim 1133689
and surrounding area.

I did this and did some minor stripping on a felsic dike near by
I found that this is not a very good area.

I cannot find any thing of interest that would have encouraged
anyone to have sunk this shaft years ago.

I will give up on this area.

Final Submission Report
Proposal #3 Parts #1 & #2
Hyndman Twp.

Location ; 49⁰ 32' north lat. 92⁰ 7' west long.
Access ; 27 km. from home to Dryden , 48 km, east on hwy 17,
8 km. north on Basket Lake Road, 5km. south east on old bush road.
Geology; The area prospected is at the contact of the granodioritic
rock of the revell batholith and mafic volcanic rock
Proposal To prospect on and around claims 1133684.and 1133685to 87
As Champion Bear Resources have staked some claims up against
and around my claims my prospecting has been limited to my own claims.
I prospected on these and did not receive much encouragement as
far as assays go.
A few assays ran good but on the average I find this to be a very
poor area.
I will continue to hold these claims for another year just in case
Champion Bear has better luck.

Final submission Report
Tustin twp. proposal 4

LOCATION 49⁰ 50' north lat. 93⁰ 48' west long.
Access 27 km. from home to Dryden 72km. west on hwy. 17
then south on pine road and also north on Gordon Lake Road.
Geology ; the area prospected has numerous pink pegamite dikes
and some volcanic rock. In the volcanics are many areas of
rusty zones of sulphides , none of these zones carry any good
quantities of Ni. Cu. Au.
Proposal ; to prospect for gold and base metals near Fiest Lake
trying to find the source of gold in till samples in M.N.D.M.
report.
I prospected this area for 4 days and did not get any good
results.
I will give up on this area for now.

Final submission Report

(addition to original proposal)

Contact Bay & Turtle Pond Lake Areas

Location; 49⁰ 30' to 49⁰ 40' north lat.

92⁰40' to 92⁰ 45' west long.

Access; 27 km from home to Dryden, 6km, west on hwy. 594 then 45 km. south on hwy, 502

Geology; Trap lake occ. On the east edge of the Atikwa batholith dioritic rock with a diabase dike at the north east corner of the area.

Kozway-Glatz Occ. Mafic volcanics with small granite outcrops scattered throu the area. 1 mile east of the Atikwa batholith.

Inco Exploration informed me that they would be interested in any prospecting that I did in this area, and that they would supply me with maps and information on a few occurrences that they are interested in, and that they would do some of the assaying for me.

I found and staked the Trap Lake Occ. and sampled it. The Cu. Ni. AU. showing is related only to the quartz vein. These results were of no interest to them at this time.

I may prospect more south east of this next year.

I also found and staked the Kozway-Glatz Occ. north of Prig Lake. This is a very small showing and does not have much potential. I will give up on this area.

I also prospected west of hwy. 502 where there is a small sulphide occ in the rock cut on the hwy. I did not find anything of interest and did not take any samples.

NOTICE: THE SURFACE RIGHTS LYING WITHIN 40.25m OF THE CENTRE LINE OF THE TRANSCANADA PIPELINE RIGHT-OF-WAY ARE WITHDRAWN FROM STAKING OUT, PROSPECTING, SALE OR LEASE BY ORDER W-0-94 INT. DATED SEPT. 30, 1994. SECTION 82 OF THE NATIONAL ENERGY BOARD ACT APPLIES.

G 2583

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

THE TOWNSHIP OF

DISTRICT OF

KENORA MINING DIVISION

SCALE: 1-INCH 40 CHAINS

DISPOSITION OF CROWN LANDS

- PATENT, SURFACE AND MINING RIGHTS
- " SURFACE RIGHTS ONLY
- " MINING RIGHTS ONLY
- LEASE, SURFACE AND MINING RIGHTS
- " SURFACE RIGHTS ONLY
- " MINING RIGHTS ONLY
- LICENCE OF OCCUPATION
- ROADS
- IMPROVED ROADS
- KING'S HIGHWAYS
- RAILWAYS
- POWER LINES
- MARCH OR MUSKES
- MINES
- CANCELLED

NOTES

400 surface rights were shown the shores of all lakes and ponds.

SAND AND GRAVEL

QUARRY PERMIT
 GRAVEL RESERVE, FILE 136316
 GRAVEL PIT NO. 31, FILE 123912
 GRAVEL PIT NO. 32, FILE 123912
 GRAVEL PIT NO. 33, FILE 123912
 GRAVEL PIT NO. 34, FILE 123912
 MTC GRAVEL PIT 753A, FILE 136316
 MTC GRAVEL PIT 655, FILE 136316
 MTC GRAVEL PIT 625, FILE 136316

RECEIVED
 MAR 02 1992
 AM 7897011 12123456 PM

EFFECTIVE AS LINED

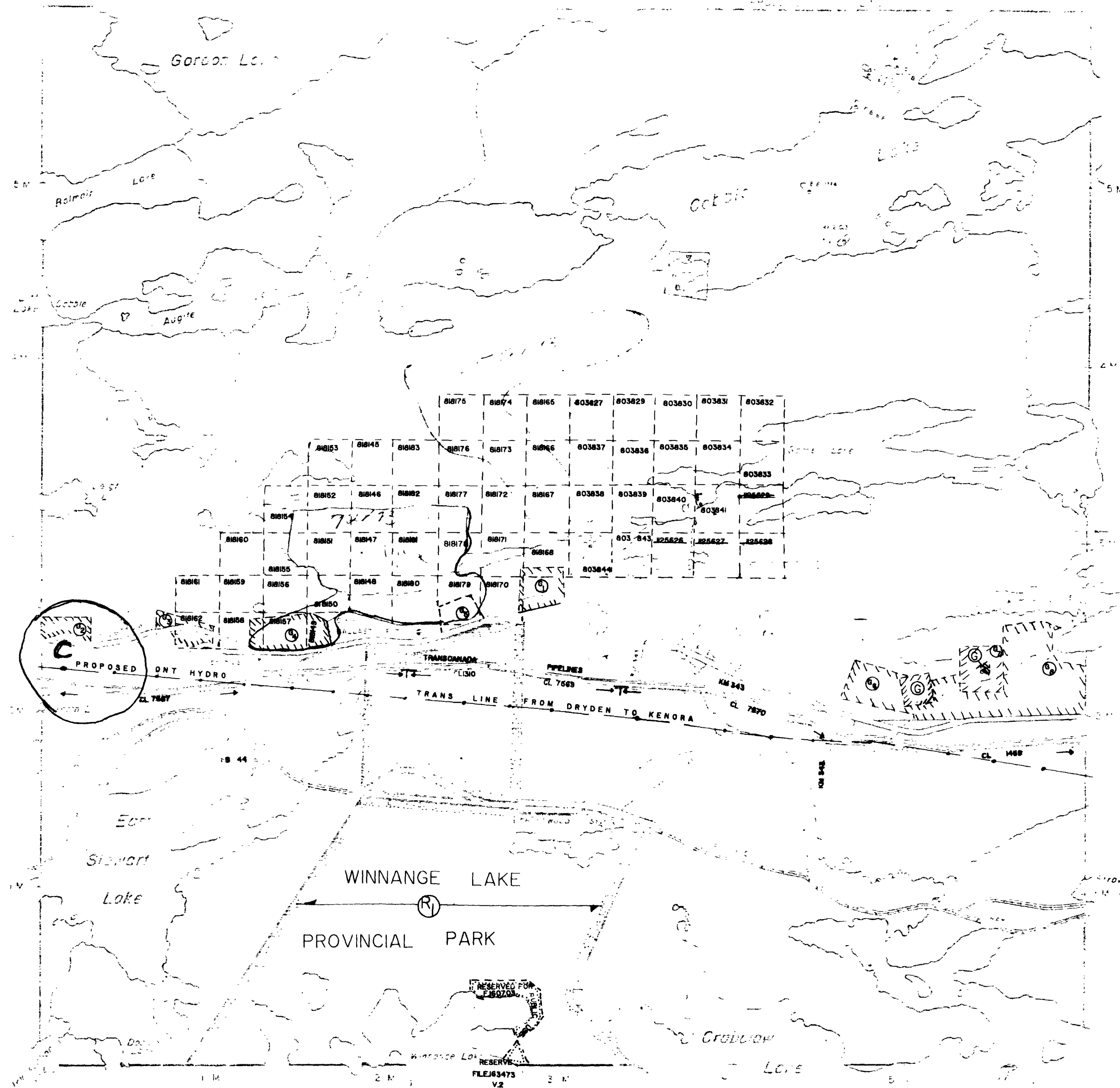
AREAS WITHDRAWN FROM DISPOSITION

M.R.O. - MINING RIGHTS ONLY
 S.R.O. - SURFACE RIGHTS ONLY
 M.S. - MINING AND SURFACE RIGHTS

DESCRIPTION	ORDER NO.	DATE	DISPOSITION	FILE
PARK RESERVE	W.36/83	23/8/83	S. & M.	18853

PLAN NO. M.195 G.0812

ONTARIO
 MINISTRY OF NATURAL RESOURCES
 SURVEYS AND MAPPING BRANCH

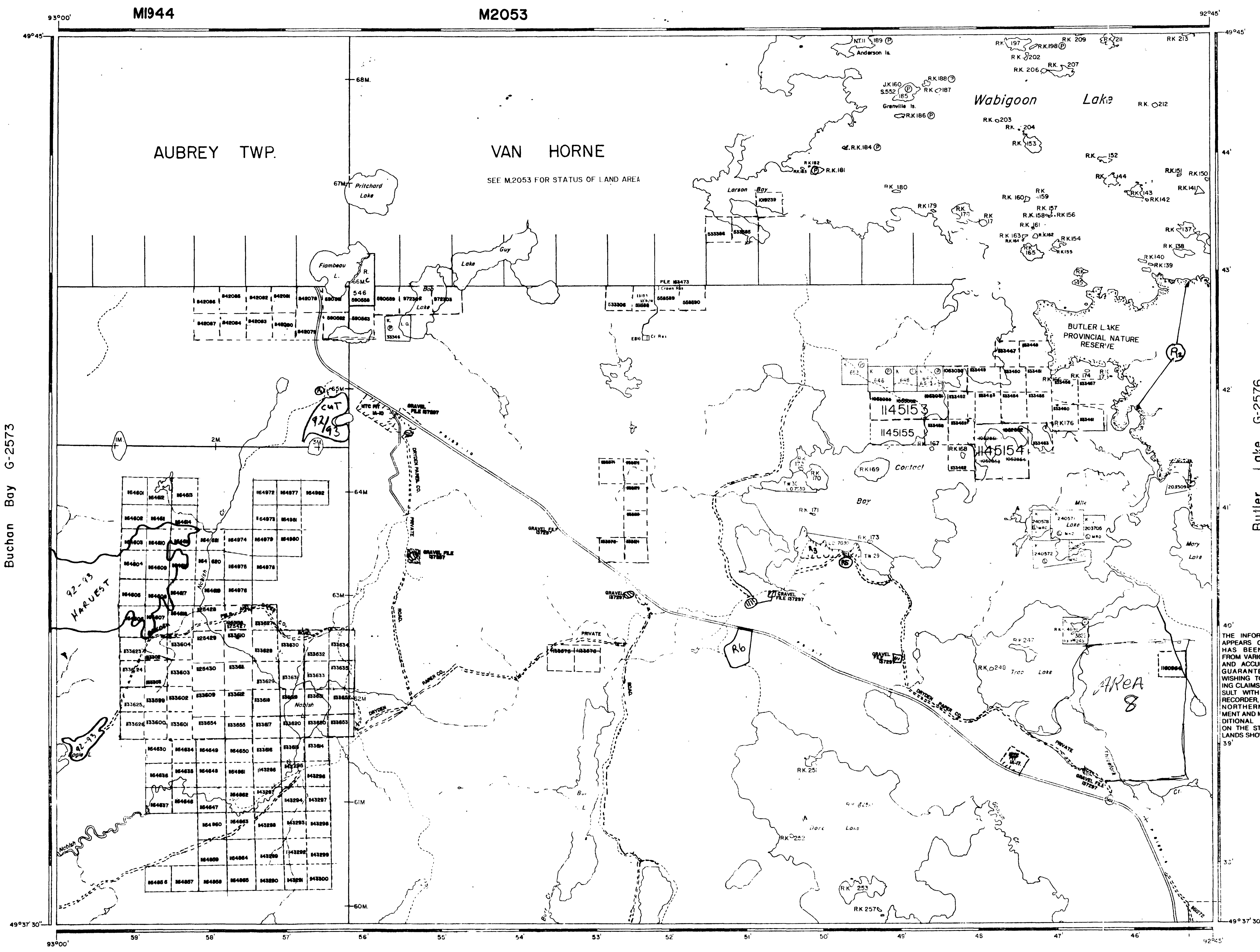


G 838
Township 12 N. (M.195)

G 818
Range 15 W. (M.195)

G 2578
 Gravelow Lake Area (M.195)





LEGEND

HIGHWAY AND ROUTE No	
OTHER ROADS	
TRAILS	
SURVEYED LINES	
TOWNSHIPS, BASE LINES, ETC.	
LOTS, MINING CLAIMS, PARCELS, ETC.	
UNSURVEYED LINES	
LOT LINES	
PARCEL BOUNDARY	
MINING CLAIMS ETC.	
RAILWAY AND RIGHT OF WAY	
UTILITY LINES	
NON-PERENNIAL STREAM	
FLOODING OR FLOODING RIGHTS	
SUBDIVISION OR COMPOSITE PLAN	
RESERVATIONS	
ORIGINAL SHORELINE	
MARSH OR MUSKEG	
MINES	
TRAVERSE MONUMENT	

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	
SURFACE RIGHTS ONLY	
MINING RIGHTS ONLY	
LEASE, SURFACE & MINING RIGHTS	
SURFACE RIGHTS ONLY	
MINING RIGHTS ONLY	
LICENCE OF OCCUPATION	
ORDER-IN-COUNCIL	
RESERVATION	
CANCELLED	
SAND & GRAVEL	

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 8, 1913, VESTED IN ORIGINAL PATENTEES BY THE PUBLIC LANDS ACT R.S.O. 1910, CHAP. 300, SEC. 63, SUBSEC. 1.

REFERENCES

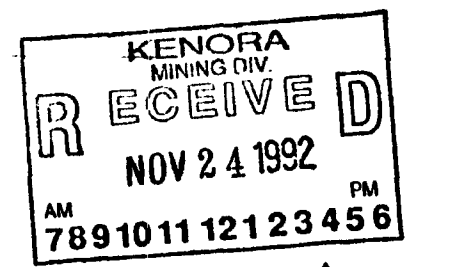
AREAS WITHDRAWN FROM DISPOSITION

M.R.O. - MINING RIGHTS ONLY
 S.R.O. - SURFACE RIGHTS ONLY
 M.+S. - MINING AND SURFACE RIGHTS

Description	Order No.	Date	Disposition	File No.
PROPOSED SURFACE RIGHTS RESERVATION JANUARY 1982	78/177	28/9/77	S.R.O.	18004
PROPOSED SURFACE RIGHTS RESERVATION JANUARY 1982	78/177	28/9/77	S.R.O.	18004
PROPOSED SURFACE RIGHTS RESERVATION JANUARY 1982	78/177	28/9/77	S.R.O.	18004
PROPOSED SURFACE RIGHTS RESERVATION JANUARY 1982	78/177	28/9/77	S.R.O.	18004
PROPOSED SURFACE RIGHTS RESERVATION JANUARY 1982	78/177	28/9/77	S.R.O.	18004

ALL AREAS IN WABIGOON LAKE WITHDRAWN FROM STAGING UNDER SEC. 38 PUBLIC LANDS ACT.

ROADS INDICATED BY DOTTED LINE PRIVATE ROAD MAY BE USED BY PROSPECTORS ONLY AFTER PERMISSION IS OBTAINED FROM DRYDEN PAPER CO. DRYDEN, ONTARIO.



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

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000
 METRES 0 200 1000 2000 4000 (2 KM)

AREA: CONTACT BAY WABIGOON LAKE
 M.N.R. ADMINISTRATIVE DISTRICT
 DRYDEN
 MINING DIVISION
 KENORA
 LAND TITLES / REGISTRY DIVISION
 KENORA

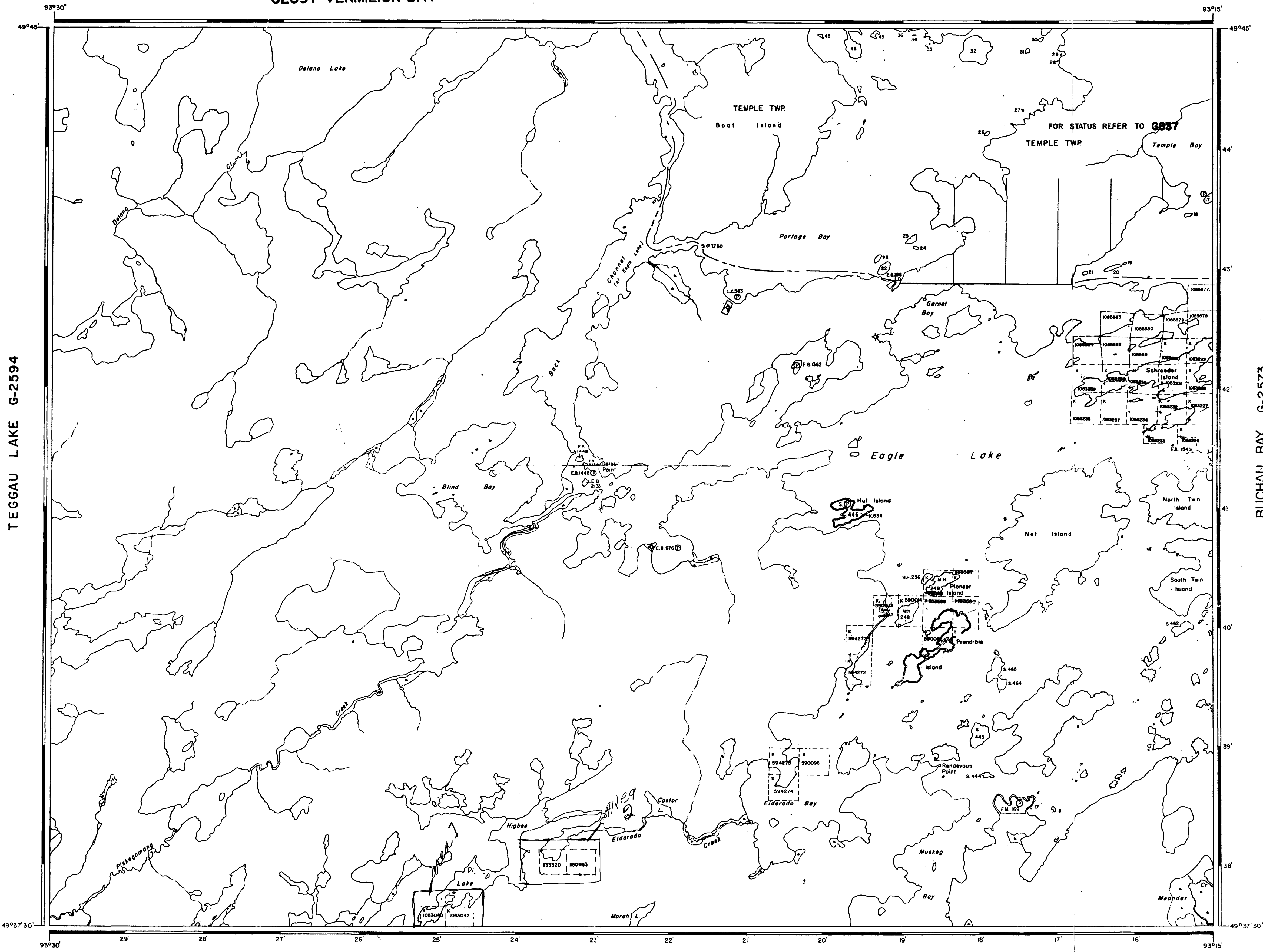
Ministry of Natural Resources Ontario
 Land Management Branch

Date: JANUARY, 1984
 Number: M,2737
 G-2579



10025-0

G2597 VERMILION BAY



TEGGAU LAKE G-2594

BUCHANAN BAY G-2573

LINE LAKE G-2586

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

LEGEND

- PATENTED LAND Ⓢ C.S.
- CROWN LAND SALE Ⓞ Loc.
- LEASES Ⓛ L.D.
- LOCATED LAND Ⓜ M.R.O.
- LICENSE OF OCCUPATION Ⓜ S.R.O.
- MINING RIGHTS ONLY
- SURFACE RIGHTS ONLY
- ROADS
- IMPROVED ROADS
- KING'S HIGHWAYS
- RAILWAYS
- POWER LINES
- MARSH OR MUSKEG
- MINES
- CANCELLED
- TOURIST CAMPS

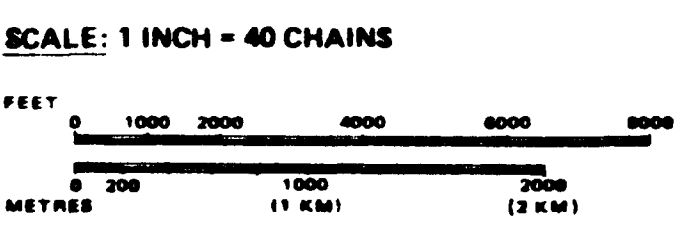
REFERENCES

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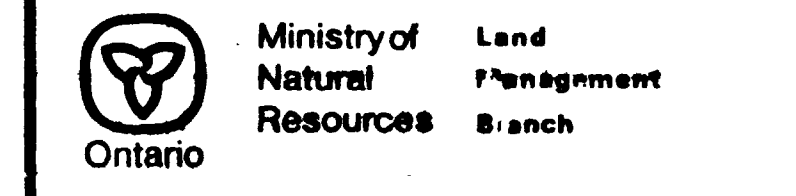
- M.R.O. - MINING RIGHTS ONLY
- S.R.O. - SURFACE RIGHTS ONLY
- M + S. - MINING AND SURFACE RIGHTS

Description	Order No.	Date	Disposition	File

Effective →



AREA
GARNET BAY
 EAGLE LAKE
 M.N.R. ADMINISTRATIVE DISTRICT
DRYDEN
 MINING DIVISION
KENORA
 LAND TITLES / REGISTRY DIVISION
KENORA



Date FEBRUARY, 1986 Number
 M.1729 **G-2581**



1975-0

G2562 SUZANNE LAKE

THE TOWNSHIP OF
OF
HYNDMAN

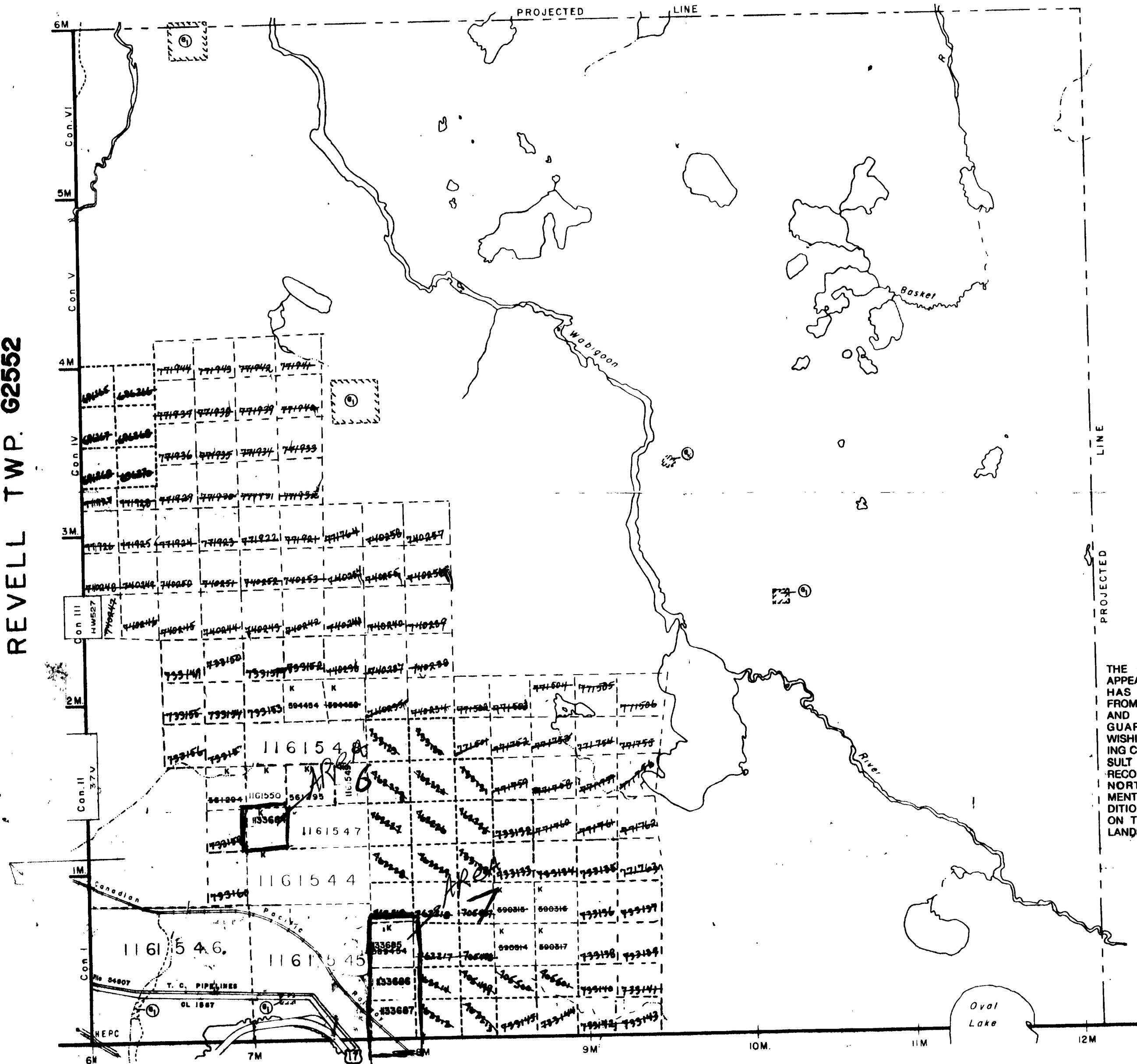
DISTRICT OF
KENORA

KENORA
MINING DIVISION

SCALE: 1-INCH=40 CHAIN

REVELL TWP. G2552

G2547 HOOK LAKE



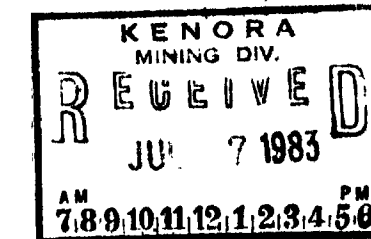
LEGEND

- PATENTED LAND
- CROWN LAND SALE
- LEASES
- LOCATED LAND
- LICENSE OF OCCUPATION
- MINING RIGHTS ONLY
- SURFACE RIGHTS ONLY
- ROADS
- IMPROVED ROADS
- KING'S HIGHWAYS
- RAILWAYS
- POWER LINES
- MARSH OR MUSKEG
- MINES
- CANCELLED

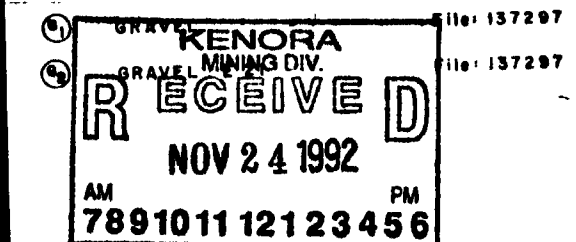
NOTES

400' Surface Rights Reservation along the shores of all lakes and rivers.

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



SAND & GRAVEL



G-1314

PLAN NO. M.199

ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH

HODGSON TWP. G1313



G1314

THE TOWNSHIP OF
HYNDMAN

DISTRICT OF KENORA

KENORA MINING DIVISION

SCALE: 1-INCH=40 CHAINS

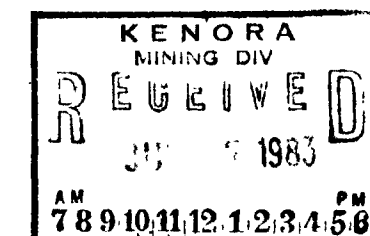
LEGEND

- PATENTED LAND
- CROWN LAND SALE
- LEASES
- LOCATED LAND
- LICENSE OF OCCUPATION
- MINING RIGHTS ONLY
- SURFACE RIGHTS ONLY
- ROADS
- IMPROVED ROADS
- KING'S HIGHWAYS
- RAILWAYS
- POWER LINES
- MARSH OR MUSKEG
- MINES
- CANCELLED

NOTES

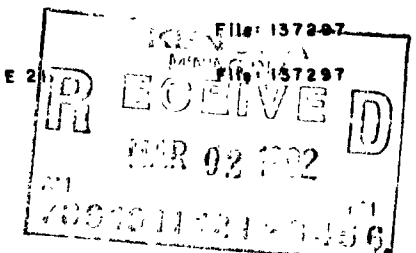
400' Surface Rights Reservation along the shores of all lakes and rivers.

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SAND & GRAVEL

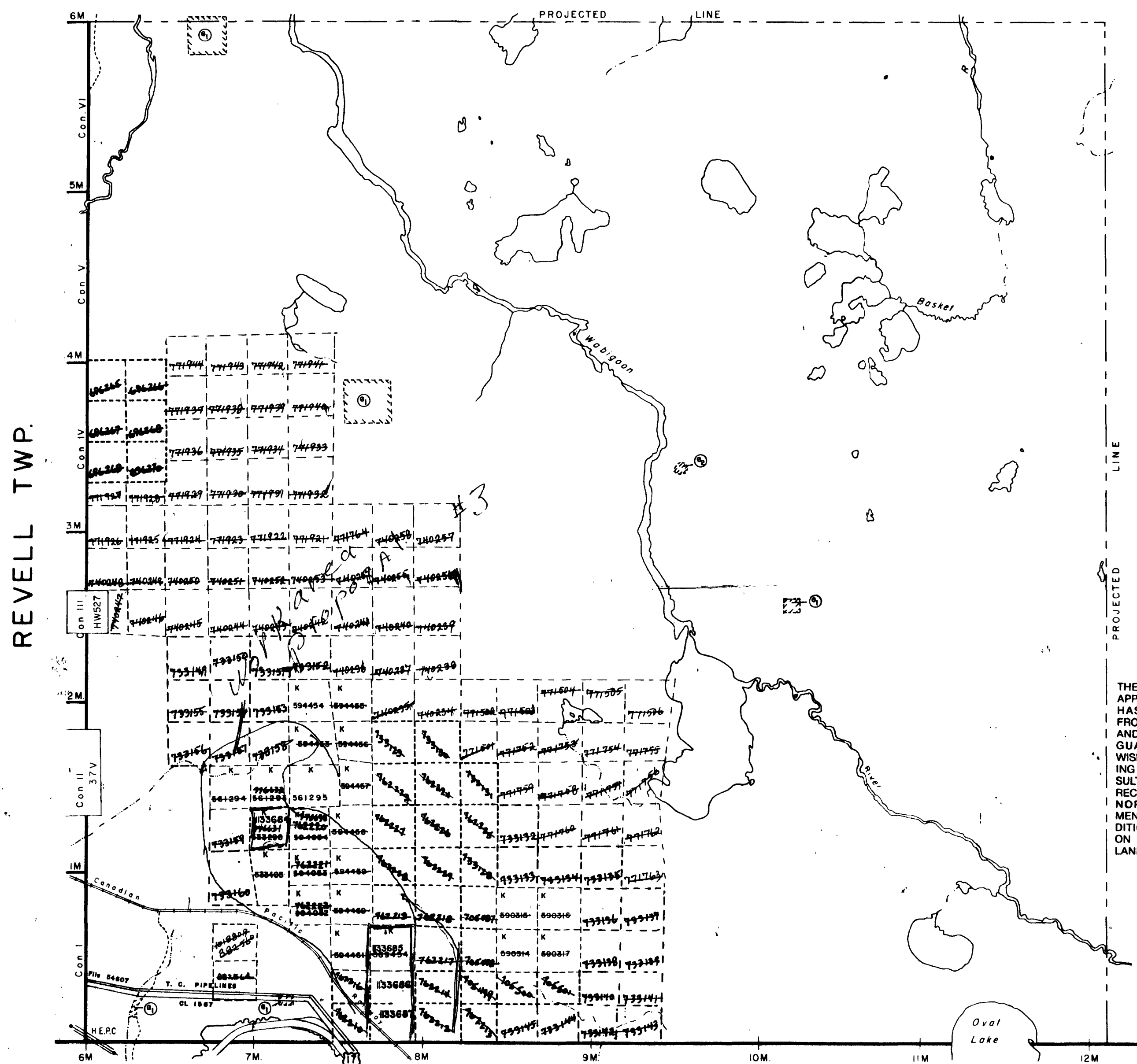
- ① GRAVEL
- ② GRAVEL E 2'



AG-1314

PLAN NO. M.199

ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH



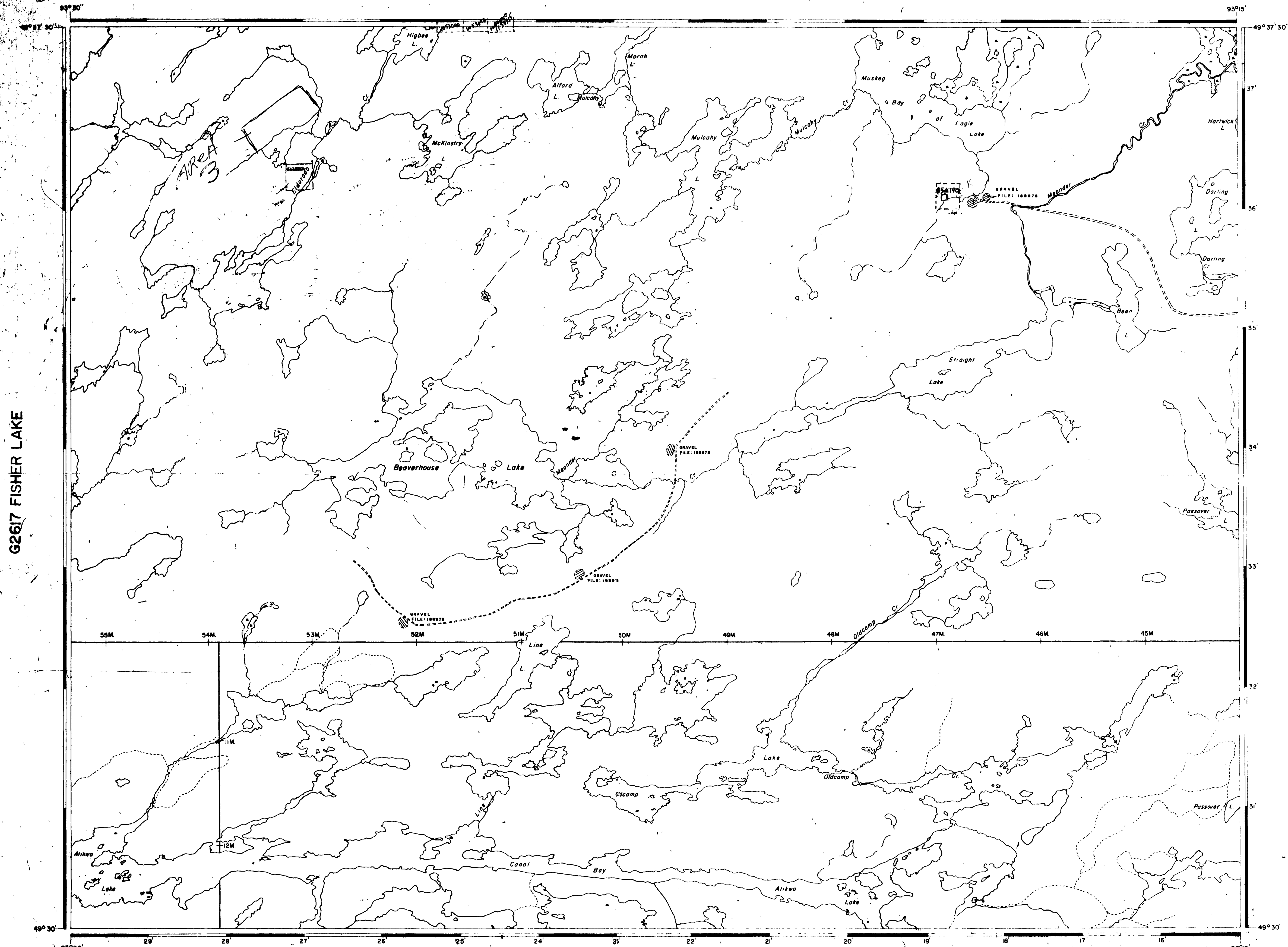
REVELL TWP.

HODGSON TWP.



G.1314

G2581 GARNET BAY



LEGEND

HIGHWAY AND ROUTE No	
OTHER ROADS	
TRAILS	
SURVEYED LINES:	
TOWNSHIP, RANGE LINES, ETC.	
LOTS, MINING CLAIMS, PARCELS, ETC.	
UNSURVEYED LINES:	
LOT LINES	
PARCEL BOUNDARY	
MINING CLAIMS ETC.	
RAILWAY AND RIGHT OF WAY	
UTILITY LINES	
NON-PERENNIAL STREAM	
FLOODING OR FLOODING RIGHTS	
SUBDIVISION OR COMPOSITE PLAN	
RESERVATIONS	
ORIGINAL SHORELINE	
MARSH OR MUSKEG	
MINES	
TRAVERSE MONUMENT	

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	
SURFACE RIGHTS ONLY	
MINING RIGHTS ONLY	
LEASE, SURFACE & MINING RIGHTS	
SURFACE RIGHTS ONLY	
MINING RIGHTS ONLY	
LICENCE OF OCCUPATION	
ORDER-IN-COUNCIL	
RESERVATION	
CANCELLED	
SAND & GRAVEL	

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 8, 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 300, SEC. 63, SUBSEC. 1.

REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

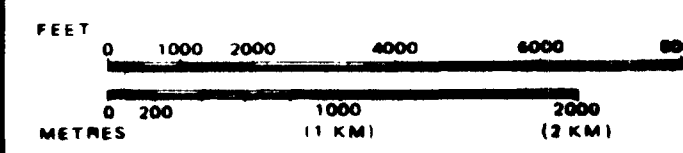
- M.R.O. - MINING RIGHTS ONLY
- S.R.O. - SURFACE RIGHTS ONLY
- M.+S. - MINING AND SURFACE RIGHTS

Description	Order No.	Date	Disposition	File

RECEIVED
 NOV 24 1992
 789 10 11 12 1 2 3 4 5 6

RECEIVED
 NOV 24 1992
 789 10 11 12 1 2 3 4 5 6

SCALE: 1 INCH = 40 CHAINS



AREA

LINE LAKE

M.N.R. ADMINISTRATIVE DISTRICT
 DRYDEN
 MINING DIVISION
 KENORA
 LAND TITLES / REGISTRY DIVISION
 KENORA



Date prepared, 1986
 M-2693
 Number
 G-2586

G2617 FISHER LAKE

G2589 OSBOURNE BAY

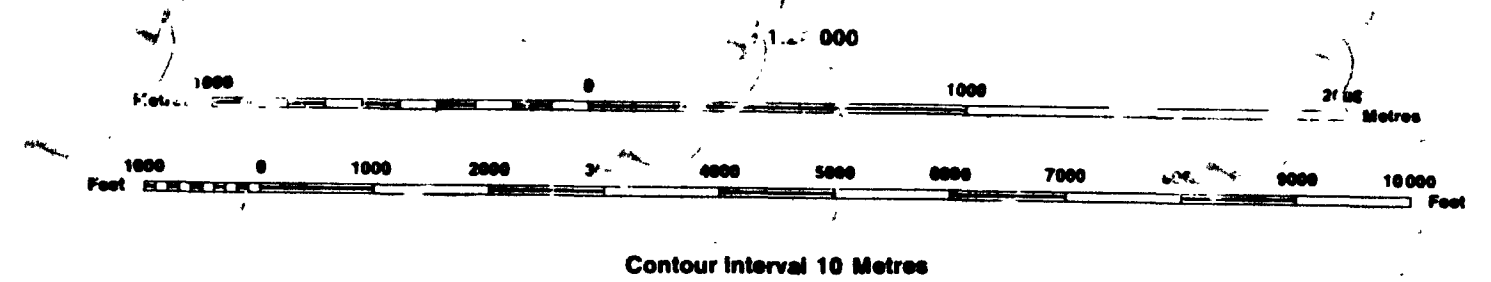
G2593 TADPOLE LAKE



INDEX TO LAND DISPOSITION

PLA:
G-1321
TOWNSHIP
REVELL

M.N.R. ADMINISTRATIVE DISTRICT
IGNACE
MINING DIVISION
KENORA
LAND TITLES/REGISTRY DIVISION
KENORA



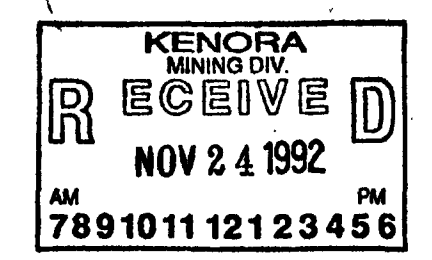
THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

AREAS WITHDRAWN FROM DISPOSITION

MRO - Mining Rights Only
SRO - Surface Rights Only
M + S - Mining and Surface Rights

SYMBOLS

Boundary	.....
Township, Meridian, baseline	—————
Road allowance; surveyed	———|———
shoreline	~~~~~
Lot/Concession; surveyed	———|———
unsurveyed	.....
Parcel; surveyed	———|———
unsurveyed	.....
Right-of-way; road	———|———
railway	———|———
utility	———|———
Reservation	.....
Cliff, Pit, Pile	.....
Contour	.....
Interpolated	.....
Approximate	.....
Depression	.....
Control point (horizontal)	.....
Flooded land	.....
Mine head frame	.....
Pipeline (above ground)	.....
Railway; single track	.....
double track	.....
abandoned	.....
Road; highway, county, town-hip	.....
access	.....
trail, bush	.....
Shoreline (original)	.....
Transmission line	.....
Wooded area	.....

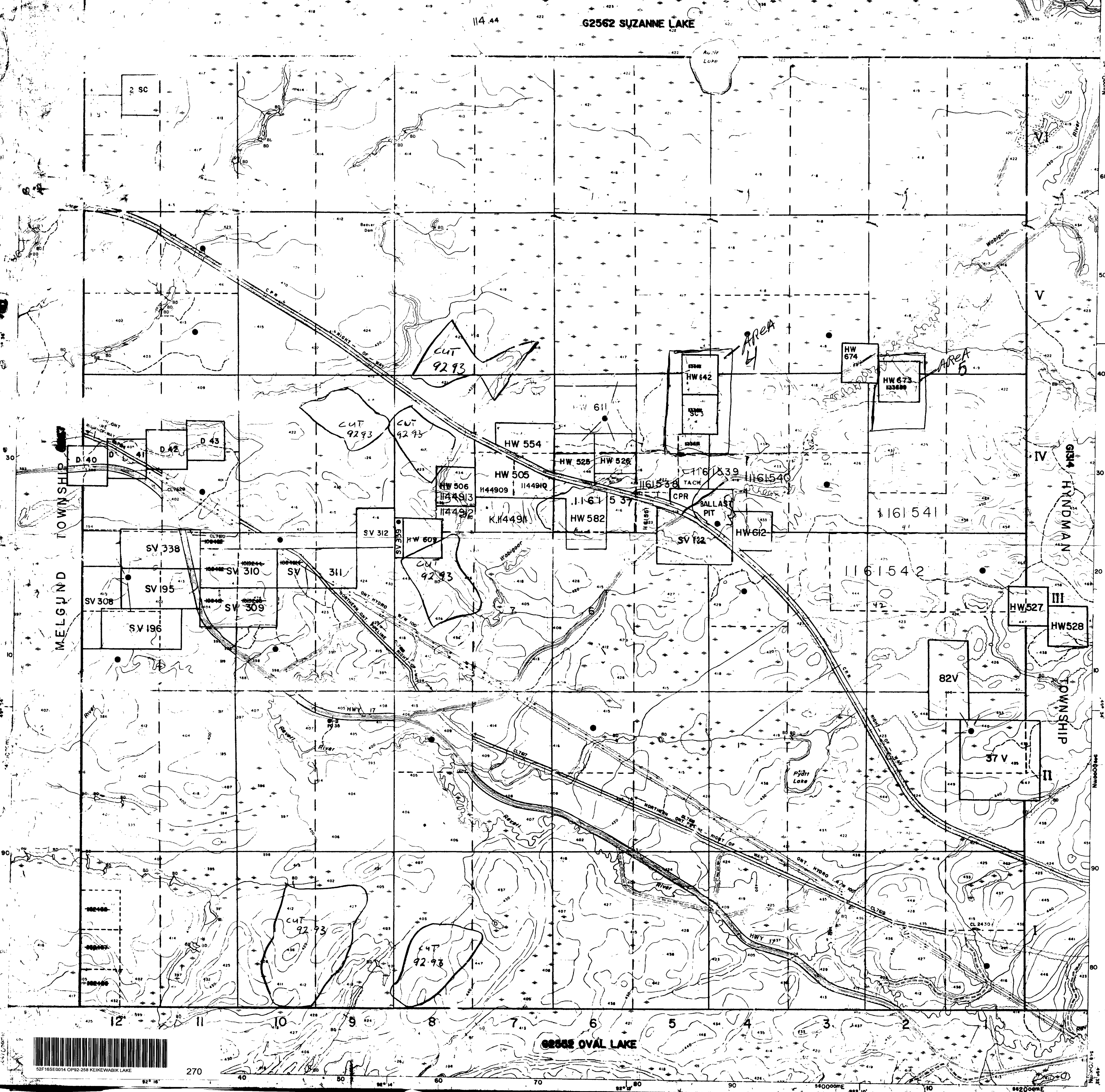


DISPOSITION OF CROWN LANDS

Patent	.....
Surface & Mining Rights	.....
Surface Rights Only	.....
Mining Rights Only	.....
Lease	.....
Surface & Mining Rights	.....
Surface Rights Only	.....
Mining Rights Only	.....
Licence of Occupation	.....
Order-in-Council	.....
Cancelled	.....
Reservation	.....
Sand & Gravel	.....

REVELL TWP.

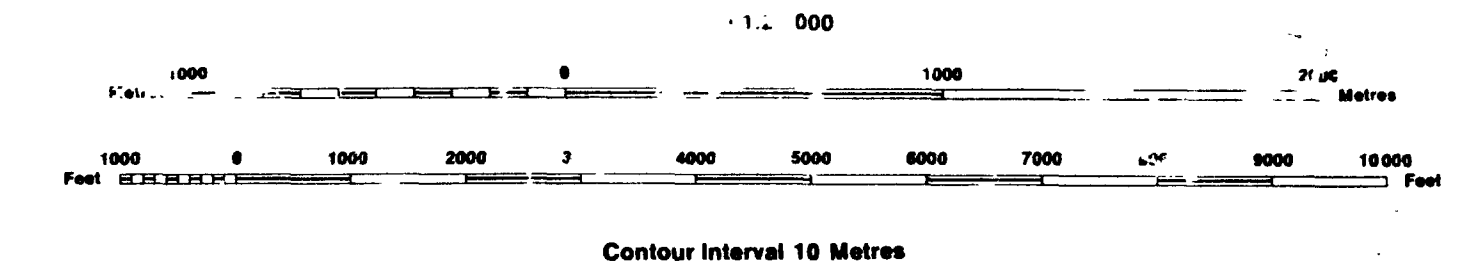
G. 1321



INDEX TO LAND DISPOSITION

PLAN
G-1321
TOWNSHIP
REVELL

M.N.R. ADMINISTRATIVE DISTRICT
IGNACE
MINING DIVISION
KENORA
LAND TITLES/REGISTRY DIVISION
KENORA



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

AREAS WITHDRAWN FROM DISPOSITION

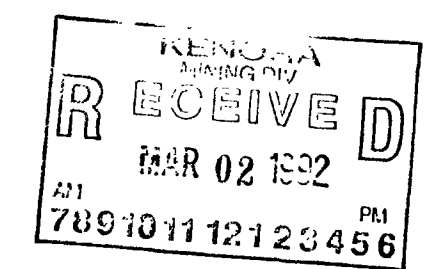
MRO - Mining Rights Only
SRO - Surface Rights Only
M + S - Mining and Surface Rights

SYMBOLS

Description	Order No.	Date	Disposition	F.S.
Boundary				
Township, Meridian, Baseline				
Road allowance; surveyed				
shoreline				
Lot/Concession; surveyed				
unsurveyed				
Parcel; surveyed				
unsurveyed				
Right-of-way; road				
railway				
utility				
Reservation				
Cliff, Pit, Pile				
Contour				
Interpolated				
Approximate				
Depression				
Control point (horizontal)				
Flooded land				
Mine head frame				
Pipeline (above ground)				
Railway; single track				
double track				
abandoned				
Road; highway, county, town, hip				
access				
trail, bush				
Shoreline (original)				
Transmission line				
Wooded area				

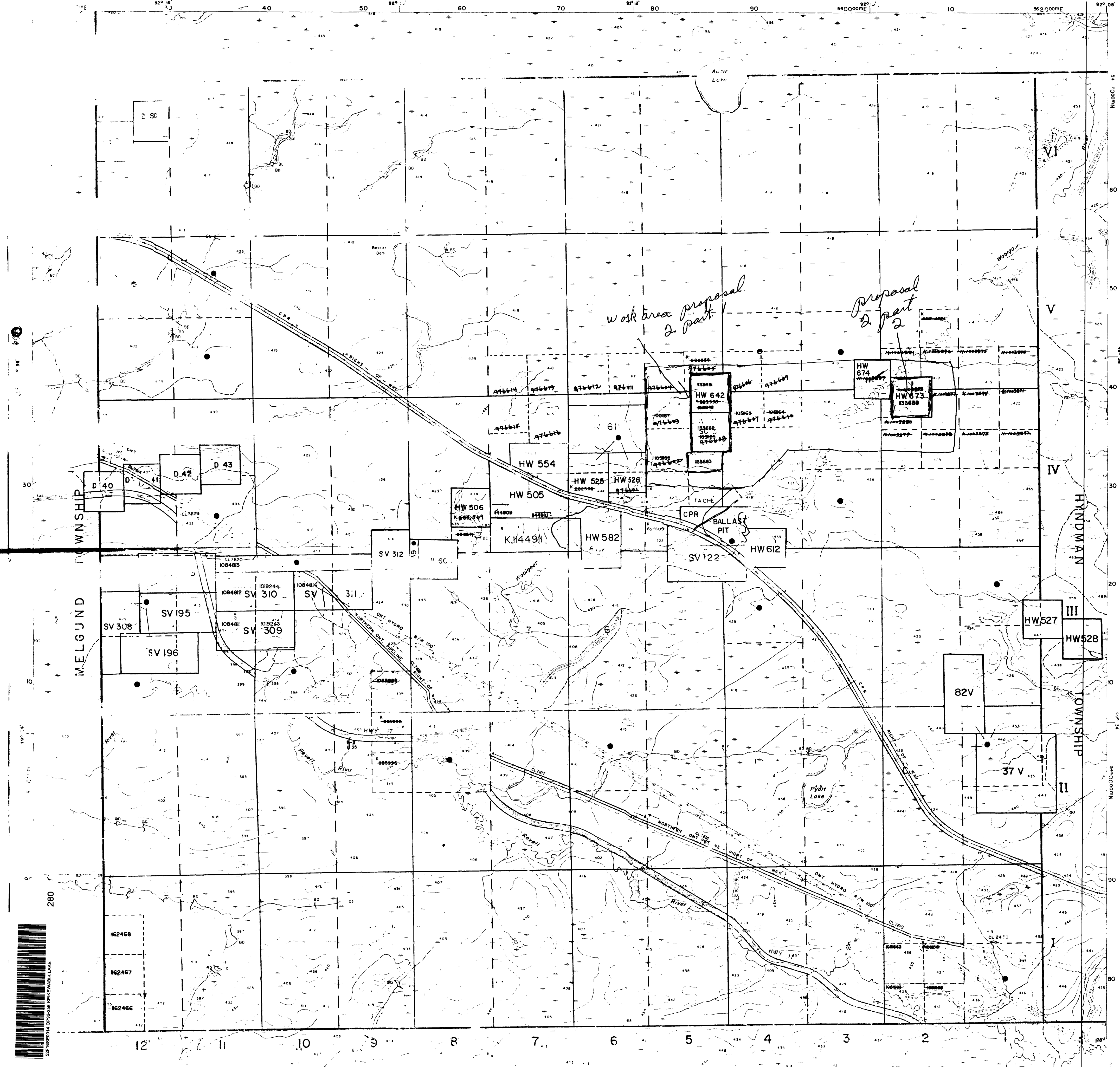
DISPOSITION OF CROWN LANDS

Patent	
Surface & Mining Rights	●
Surface Rights Only	○
Mining Rights Only	○
Lease	
Surface & Mining Rights	■
Surface Rights Only	□
Mining Rights Only	□
Licence of Occupation	▼
Order-in-Council	OC
Cancelled	○
Reservation	○
Sand & Gravel	○



REVELL TWP.

G. 1321



BUTLER LAKE - G-2576

UNK LAKE - G-2596

TABOR LAKE - G-2592

BOYER LAKE - G-2572

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

RECEIVED
NOV 24 1992
891011 12123456

Effective as shown

LEGEND

- PATENTED LAND CROWN LAND SALE LEASES
- LOCATED LAND LICENSE OF OCCUPATION MINING RIGHTS ONLY SURFACE RIGHTS ONLY
- ROADS IMPROVED ROADS KING'S HIGHWAYS RAILWAYS POWER LINES MARSH OR MUSKEG MINES CANCELLED PATENTED S.R.O.
- C.S. Loc. L.O. M.R.O. S.R.O.

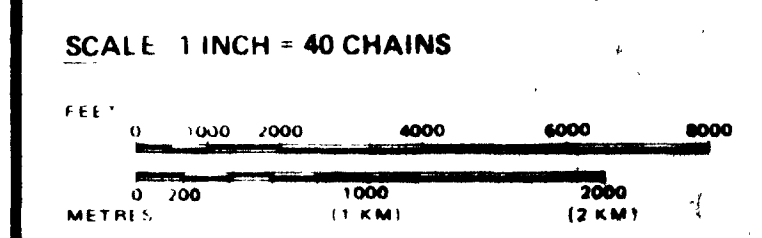
REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

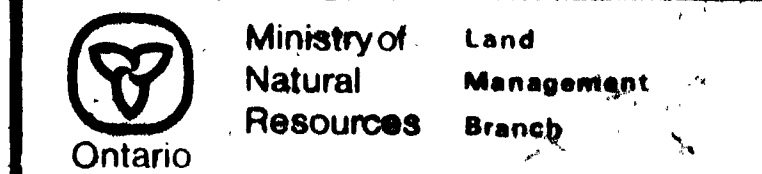
Description	Order No.	Date	Disposition	File No.
M.R.O. MINING RIGHTS ONLY				
S.R.O. - SURFACE RIGHTS ONLY				
M.F.S. MINING AND SURFACE RIGHTS				

ROADS INDICATED DRYDEN PAPER CO. ARE PRIVATE ROADS, BUT MAY BE USED BY PROSPECTORS ONLY AFTER PERMISSION IS OBTAINED FROM DRYDEN PAPER CO. DRYDEN ONTARIO

FLOODING
RESERVING THE RIGHT TO HOLD THE WATERS OF THE WABIGOON RIVER AND WABIGOON LAKE, INCLUDING DINORWIC, TURTLEPOND, AND MINNEHAWA LAKES, AND CROFTON RIVER, TO AN ELEVATION NOT EXCEEDING 1209.92'
WATER P.W.L.R. LEASE AGREEMENT No. 1, 28 FEB 1990



AREA **TURTLEPOND LAKE**
M.N.R. ADMINISTRATIVE DISTRICT
DRYDEN
MINING DIVISION
KENORA
LAND TITLES / REGISTRY DIVISION
KENORA



Date FEBRUARY, 1994. Number **G-2595**
M-2663



G2610 DANIELS LAKE

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

THE TOWNSHIP OF
TUSTIN

DISTRICT OF
KENORA

KENORA
MINING DIVISION

SCALE: 1-INCH = 40 CHAINS

KENORA
MINING DIV
RECEIVED
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LEGEND

- PATENTED LAND ⊙
- CROWN LAND SALE C.S.
- LEASES ⊕
- LOCATED LAND Loc
- LICENSE OF OCCUPATION L.O.
- MINING RIGHTS ONLY M.R.C.
- SURFACE RIGHTS ONLY S.R.O.
- ROADS —
- IMPROVED ROADS —
- KING'S HIGHWAYS —
- RAILWAYS —
- POWER LINES —
- MARSH OR MUSKEG —
- MINES —
- CANCELLED —

NOTES

- 400' Surface Rights Reservation Around All Lakes And Rivers
- Parcels Indicated Thus:
 - ⊙ Patented for Mining & Surface Rights
 - ⊕ Surface Rights

AREAS WITHDRAWN FROM STAKING UNDER SECTION 43 OF THE MINING ACT (R.S.O. 170)

ORDER NO.	FILE	DATE	DISPOSITION
⊙ W.7177	18640	18/8/77	S.R.O.

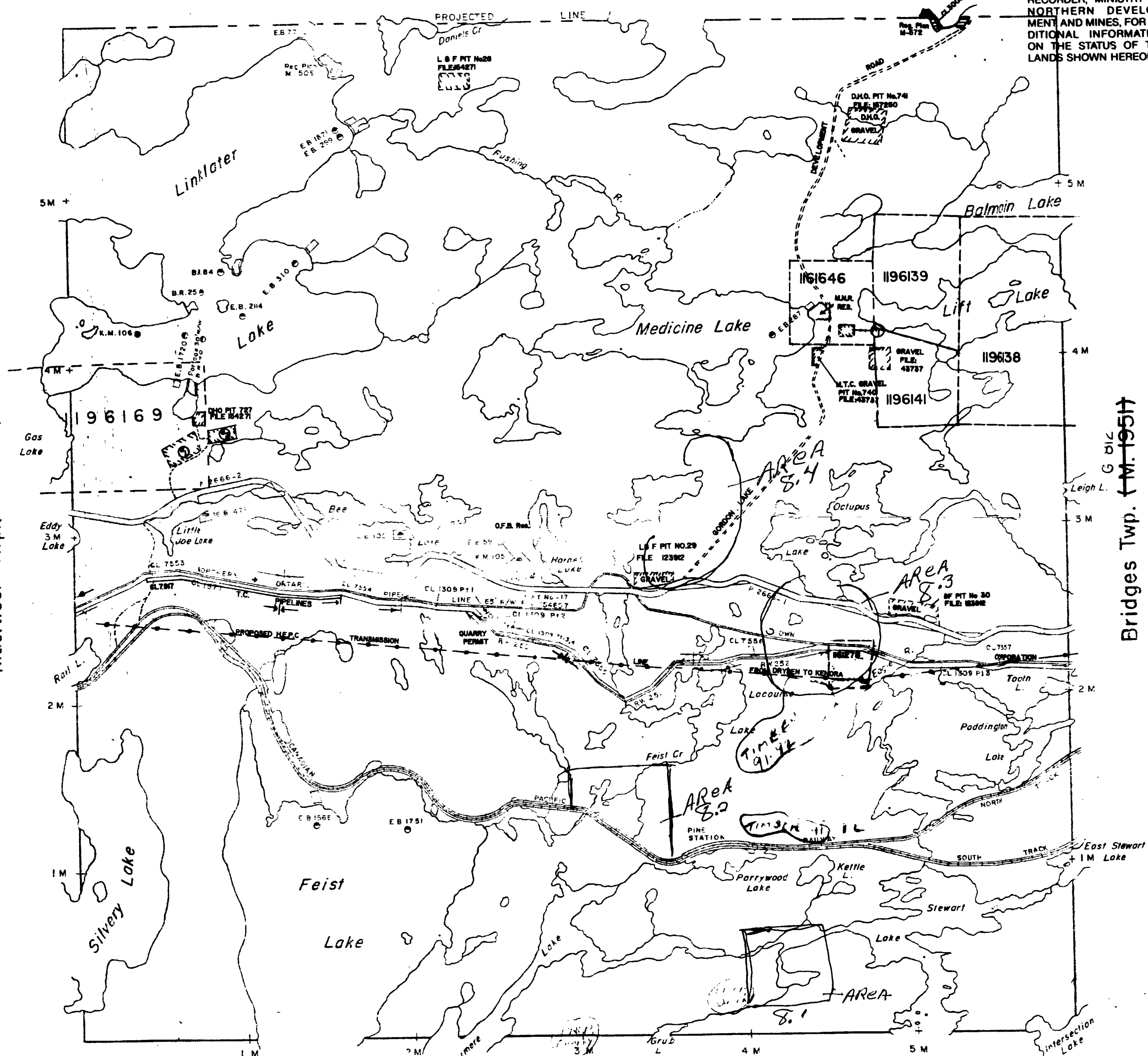
SAND AND GRAVEL

- ⊙ M.T.C. PIT 1A28
- ⊙ M.T.C. PIT 1A29

PLAN NO. **G.0838**

DEPARTMENT OF MINES

— ONTARIO —
M.2048



G 2643
Silvery Lake Area (M.2870)

NOTICE: THE SURFACE RIGHTS LYING WITHIN 40.25m OF THE CENTRE LINE OF THE TRANSCANADA PIPELINE RIGHT OF WAY ARE WITHDRAWN FROM STAKING OUT, PROSPECTING, SALE OR LEASE BY ORDER W.0191 ONT. DATED SEPT. 30, 1991. SECTION 112 OF THE NATIONAL ENERGY BOARD ACT APPLIES.

G 1342
MacNicol Twp. (M.2002)

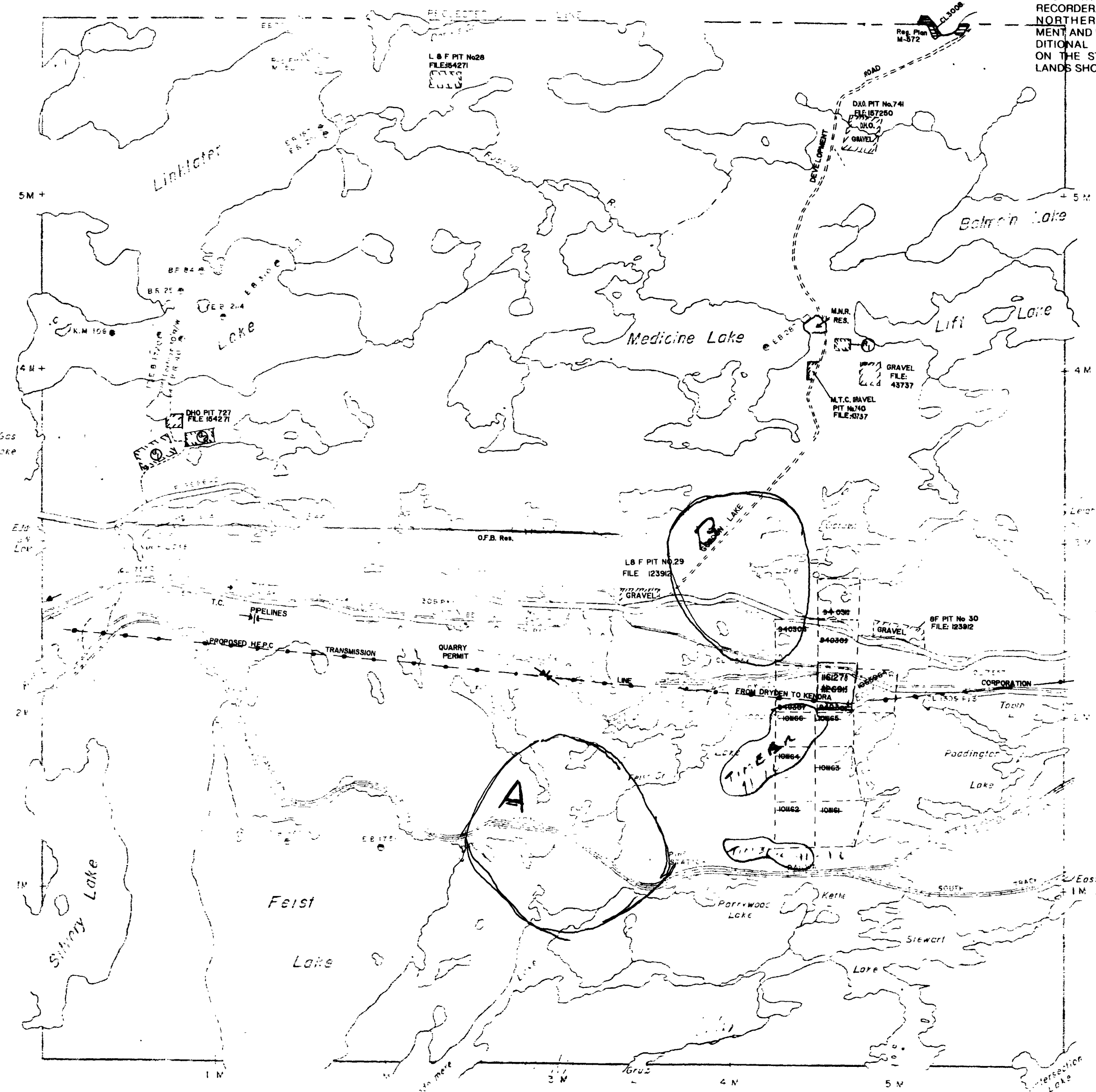
Bridges Twp. (M.1951)



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

THE TOWNSHIP OF
 OF
TUSCARORA
 DISTRICT OF
 KENORA
 KENORA
 MINING DIVISION

SCALE: 1-INCH 40 CHAINS



G 1342
 MacNicol (M. 2002)

G 812
 Bridges Twp. (M. 1951)

LEGEND

- PATENTED LAND (P)
- CROWN LAND SALE (C.S.)
- LEASES (L)
- LOCATED LAND (Loc)
- LICENSE OF OCCUPATION (L.C.)
- MINING RIGHTS ONLY (M.R.C.)
- SURFACE RIGHTS ONLY (S.R.)
- ROADS
- IMPROVED ROADS
- KING'S HIGHWAYS
- RAILWAYS
- POWER LINES
- MARSH OR MUSKOGES
- MINES
- UNDEVELOPED

NOTES

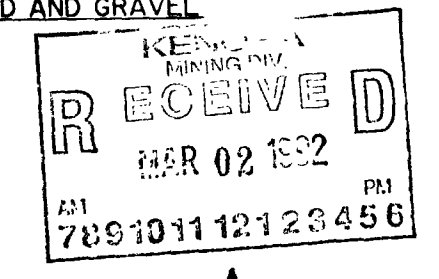
400 Surface Rights Reservation
 All Lakes And Rivers
 Parcels indicated by
 ...

AREAS WITHDRAWN FROM STAKING UNDER SECTION 43 OF THE MINING ACT (R.S.O. 170)

ORDER NO.	FILE	DATE	DISPOSITION
W. 1177	15640	19/8/77	S.R.O.

SAND AND GRAVEL

- M.T.C. PIT 1A28
- M.T.C. PIT 1A29



PLAN NO. G.0838

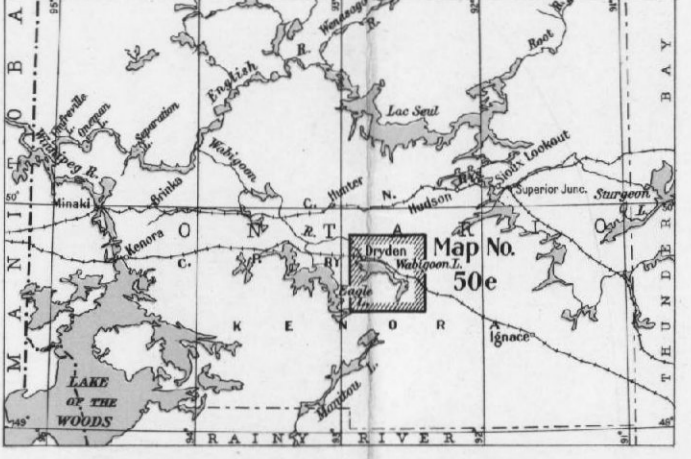
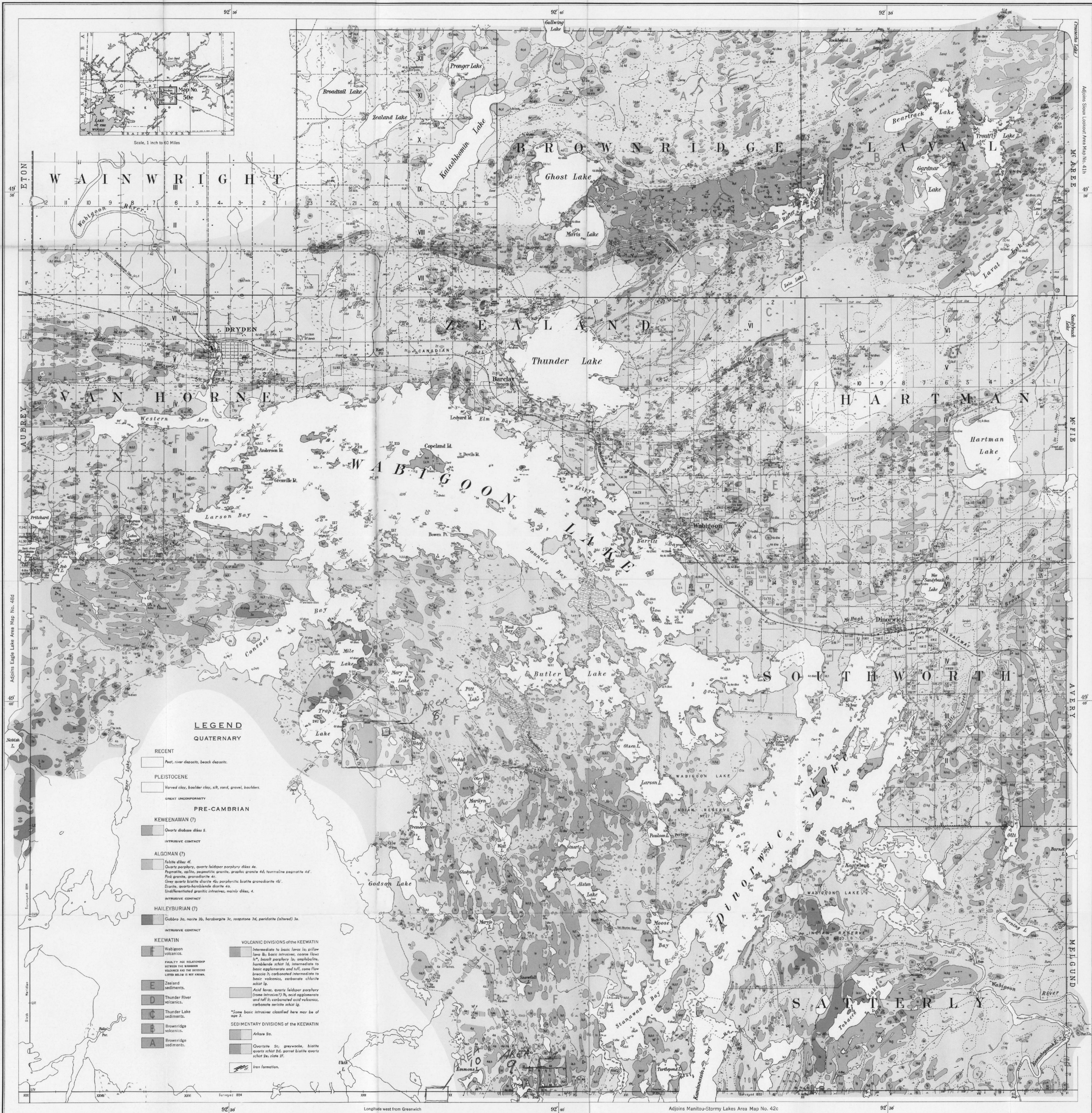
DEPARTMENT OF MINES

G 2643
 Sivory Lake Area (M. 2870)

NOTICE: THE SURFACE RIGHTS LYING WITHIN 40.25m OF THE CENTRE LINE OF THE TRANSCANADA PIPELINE RIGHT OF WAY ARE WITHDRAWN FROM STAKING OUT, PROSPECTING, SALE OR LEASE BY ORDER W.0191 ONT. DATED SEPT. 30, 1991. SECTION 112 OF THE NATIONAL ENERGY BOARD ACT APPLIES.

M. 2048 - ONTARIO -





LEGEND

- RECENT**
- Peat, river deposits, beach deposits.
- PLEISTOCENE**
- Varved clay, boulder clay, silt, sand, gravel, boulders.
- GREAT UNCONFORMITY**
- PRE-CAMBRIAN**
- KEWEENAWAN (?)**
- Quartz diabase dikes 5.
- INTRUSIVE CONTACT**
- ALGOMAN (?)**
- Felsite dikes 4f.
 - Quartz porphyry, quartz feldspar porphyry dikes 4e.
 - Pyroxenite, calcite, pegmatite, granite, granitic gneiss 4d, hornblende gneiss 4c, pink granite, gneiss 4b.
 - Gray quartz biotite schist 4a, porphyritic biotite granodiorite 4g.
 - Quartzite, quartz-hornblende diorite 4c.
 - Undifferentiated granitic intrusives, mainly dikes, 4.
- INTRUSIVE CONTACT**
- HAILEYBURIAN (?)**
- Gabbro 3a, monzite 3b, hornzirconite 3c, soapstone 3d, peridotite (altered) 3e.
- INTRUSIVE CONTACT**
- KEEWATIN**
- Wabigoon volcanics.
- RELATIONSHIP BETWEEN THE WABIGOON VOLCANICS AND THE SURROUNDING LITHO STRATA IS NOT KNOWN.**
- Zealand sediments.**
- Thunder Lake sediments.
 - Brownridge volcanics.
 - Brownridge sediments.
 - A
- VOLCANIC DIVISIONS OF THE KEEWATIN**
- Intermediate to basic lavas in pillow lava flow intrusions, coarse flow "m", basalt porphyry, basaltic andesite, hornblende schist 1f, intermediate to basic andesite and tuff, coarse flow breccia 1g, carbonated intermediate to basic volcanics, carbonate chlorite schist 1g.
 - Acid lavas, quartz feldspar porphyry (some intrusive?) 1b, acid andesite and tuff 1c, carbonated acid volcanics, carbonate sericite schist 1g.
- *Some basic intrusives classified here may be of age 2.**
- SEDIMENTARY DIVISIONS OF THE KEEWATIN**
- Arkose 2a.
 - Quartzite 2c, greywacke, biotite quartz schist 2d, garnet biotite quartz schist 2e, siltstone 2f.
 - Iron formation.

- SYMBOLS**
- Hill or higher ground, height above general level in feet.
 - Open meadow or swamp.
 - Swamp.
 - Elevation in feet above sea level.
 - Proposed highway, with route number.
 - Improved road, good motor road.
 - Unimproved road, poor motor road, track road, wagon road, water road.
 - Frail, portage.
 - Glacial striae.
 - Geological boundary, defined.
 - Geological boundary, approximate.
 - Geological boundary, assumed.
 - Boundary of rock outcrop.
 - Strike and dip of stratum, lava flow etc.
 - Strike and vertical dip of stratum, lava flow etc.
 - Direction in which lava flows face (general symbol).
 - Direction of top of lava flow as indicated by shape of pillow.
 - Direction in which strata face together with strike and dip, indicated by gradation in grain size.
 - Direction in which strata face, dip vertical, indicated by gradation in grain size.
 - Direction in which overthrust strata face, indicated by gradation in grain size, strata face in direction of fault.
 - Direction in which strata face, indicated by cross bedding.
 - Direction in which strata face, indicated by relationship of cleavage and bedding.
 - Strike and dip of schistosity.
 - Strike of vertical schistosity.
 - Drop fields, showing direction and angle of pitch.
 - Fault, indicated or assumed.
 - Bedding.
 - Shalt.
 - Test pit.
 - Subsidiary mineralization.
 - Magnetic attraction.
 - Quartz vein.
 - Reef or sill.
 - Location of mining property.

SOURCES OF INFORMATION

Topographical base from plans of various lakes, township and base and meridian lines of the Survey Branch, Ontario Department of Lands and Forests, survey by the Ontario Department of Highways, Dryden Sheet of the National Topographic Series, Department of Mines and Resources, Canada.

Topographical additions and corrections by J. Satterly, 1939, 1942.

Drawn for photolithography by J. Ledingham.

NOTES

The geology in relation to claim, lot or township lines is approximate.

The heavier colours on the map indicate observed outcrops of rock. The lighter colours indicate the probable extent of the different rocks in the drilled areas.

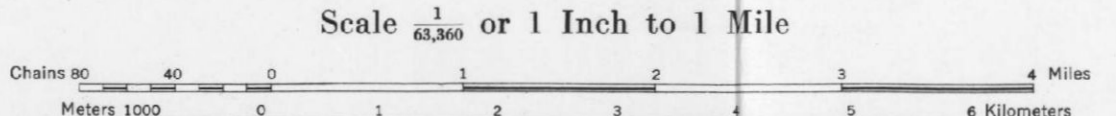
The names of lakes and streams on this map are in conformity with the listings of the Survey Branch, Ontario Department of Lands and Forests.

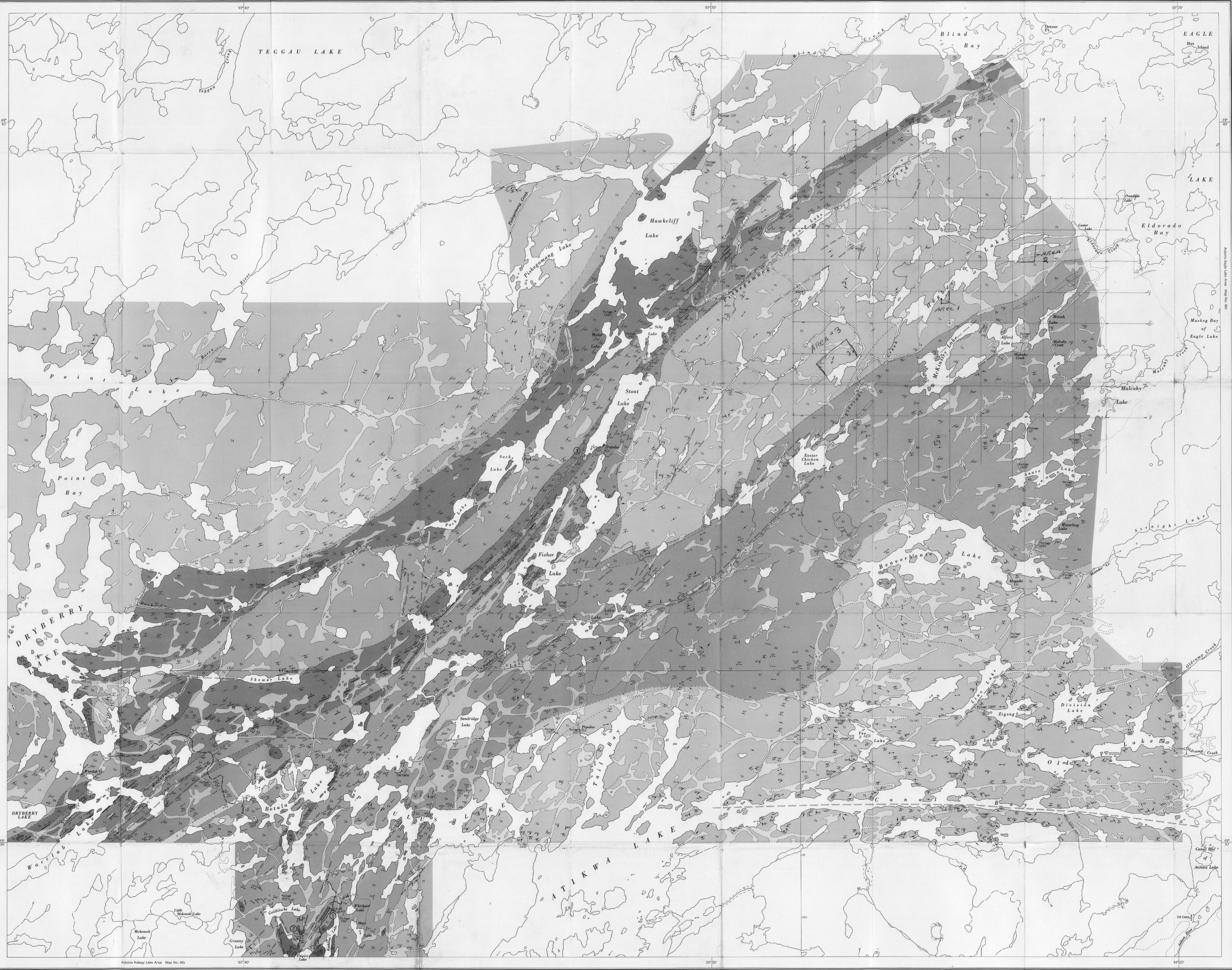
Magnetic declination in the area 5 degrees east of north, 1925-1942.

- MINING PROPERTIES REFERENCE**
- Van Horne Syndicate, 1 mile west of Moose Bay, Dinosaur Lake.
 - Redeemer mine, Lot 6, Con. 1, Van Horne Tp.
 - Rogoon mine, northwest shore, Contact Bay.
 - Bonanza mine, Lot 7, Con. 1, Van Horne Tp.
 - Vanus Gold Mines, Ltd., Lot 11, Con. 1, Van Horne Tp.
 - Leaves mine, Lot 6, Con. 1, Van Horne Tp.
 - Northern Queen mine, 1 1/2 miles northeast of J. Satterly.
 - Wabigoon Soapstone Co., Ltd., 1 mile west of Wabigoon.
 - Soapstone deposit, Mile Lake.
 - Soapstone deposit, Trap Lake.

Map No. 50e
DRYDEN-WABIGOON AREA
DISTRICT OF KENORA, ONTARIO

To accompany report by J. SATTERLY in Vol. I, Part 2, Ontario Department of Mines Annual Report, 1941





LEGEND

CENOZOIC

RECENT

- 1. Recent and swamp deposits

PLEISTOCENE

- 2. Clay and sand deposits

GREAT UNCONFORMITY

PRECAMBRIAN

POST ALGONKIAN

- 3. Diabase

INTRUSIVE CONTACT

ALGONKIAN

- 4. Magnetite, quartz
- 5. Magnetite, quartz
- 6. Magnetite, quartz
- 7. Magnetite, quartz
- 8. Magnetite, quartz
- 9. Magnetite, quartz
- 10. Magnetite, quartz

INTRUSIVE CONTACT

PRE ALGONKIAN

- 11. Precambrian and older
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LAURENTIAN?

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INTRUSIVE CONTACT

PRE LAURENTIAN

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INTRUSIVE CONTACT

KEWATIN

- 1. Kewatin

POPULUS VOLCANICS

- 2. Populus

WARCLUS SEDIMENTS

- 1. Warclus

SYMBOLS

- 1. Muddy or swamp
- 2. Boundary of muddy or swamp
- 3. River, creek, stream, R = rapids
- 4. Ridge
- 5. Wagon road
- 6. Trail, portage, winter road
- 7. Glacial stria
- 8. Boundary of rock outcrop
- 9. Geological boundary, defined
- 10. Geological boundary, approximate
- 11. Geological boundary, assumed
- 12. Strike and dip, direction of top unknown
- 13. Strike and vertical dip, direction of top unknown
- 14. Strike and vertical dip, direction of top known
- 15. Strike and vertical dip, direction of top unknown
- 16. Folds bedding, with dip
- 17. Direction in which line flows face as indicated by shape of flow
- 18. Strike and dip of schistosity
- 19. Strike of vertical schistosity
- 20. Strike of foliation, dip unknown
- 21. Strike and dip of gneissosity
- 22. Strike of vertical gneissosity
- 23. Strike and dip of bedding, direction of plunge of axial dip of bedding, direction and plunge of lineation
- 24. Strike and dip of gneissosity, direction and plunge of lineation
- 25. Bedding, inclined
- 26. Bedding, vertical
- 27. Drag hole (Arrow indicates direction of drag)
- 28. Fault, fracture, shear, defined
- 29. Fault, fracture, shear, indicated or assumed
- 30. Magnetic attraction
- 31. Building
- 32. Shaft, vertical
- 33. Shaft, inclined
- 34. Trestle
- 35. Open cut, quarry, gravel pit
- 36. Mine stamp
- 37. Location of mining property

INDEX TO MINING PROPERTIES

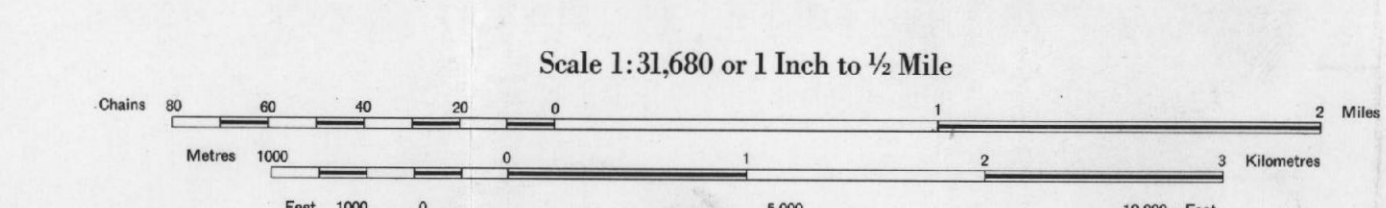
1. Hawkcliff Lake Mines, (Populus) Hawkcliff Mines Limited
2. Fisher Lake
3. Goshen Uranium Mines Limited

SOURCES OF INFORMATION

Map made from original data from Resources Inventory, Ontario Department of Lands and Forests, and from maps by J. C. Davis and S. N. Wainwright.

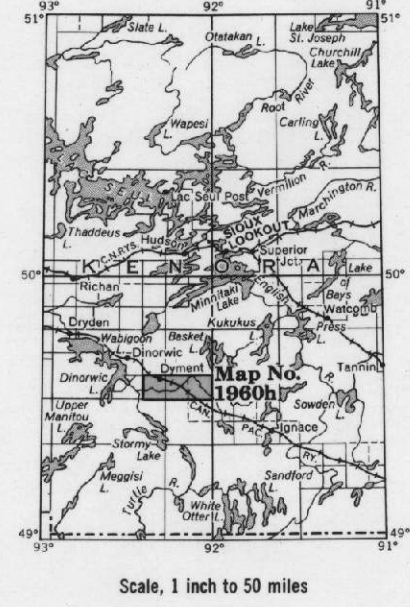
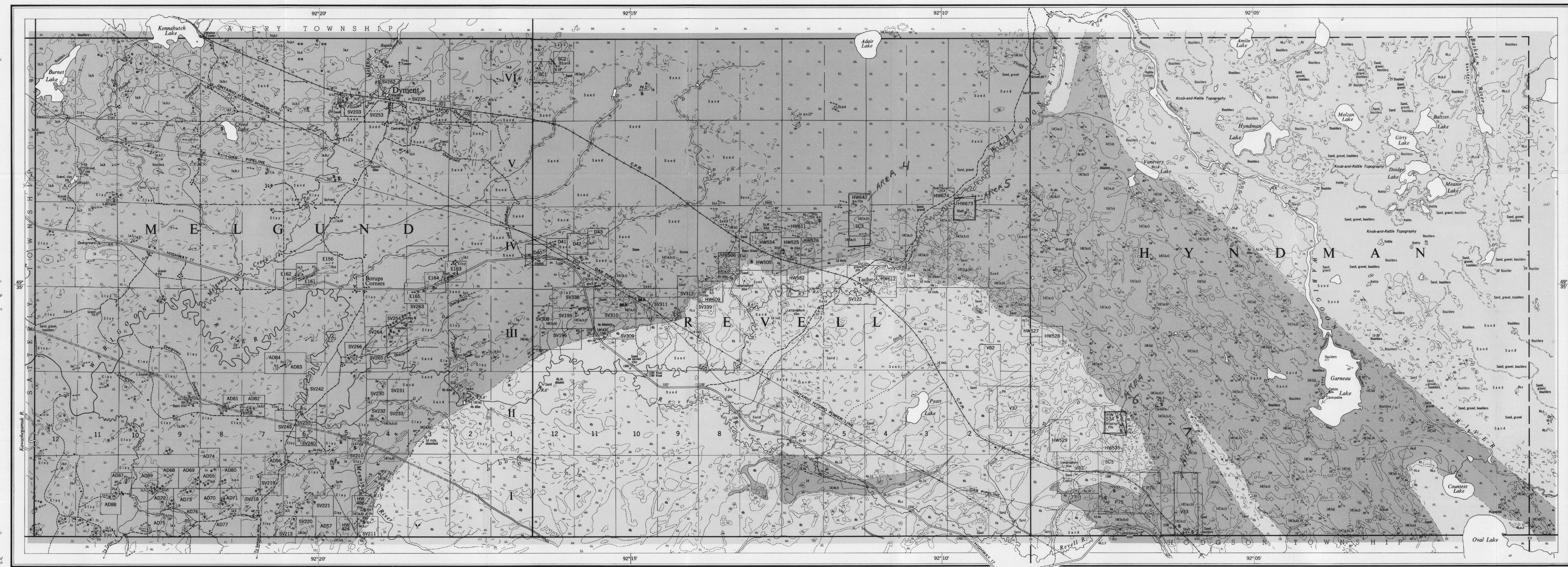
Maps and plans of mining companies: Goshen by J. C. Davis and S. N. Wainwright, 1955.

Map No. 1956-3
POPULUS LAKE AREA
DISTRICT OF KENORA, ONTARIO



SYMBOLS

- Higher ground.
- 139' Altitude in feet above mean sea level.
- Muskog or swamp.
- Boundary of muskog or swamp.
- River, with rapids, falls, beaver dam.
- Bridge.
- Railway.
- Electric power transmission line.
- 17 Highway.
- Motor road.
- Wagon road.
- Trail, portage, winter road.
- Glacial striae.
- Small rock outcrop.
- Boundary of rock outcrop.
- Geological boundary, defined.
- Geological boundary, assumed.
- Strike and dip; direction of top unknown.
- Strike and vertical dip; direction of top unknown.
- Direction in which lava flows face as indicated by shape of pillows.
- Strike and dip of schistosity.
- Strike of vertical schistosity.
- Strike of schistosity, dip unknown.
- Strike and dip of gneissosity.
- Strike of vertical gneissosity.
- Jointing, vertical.
- Building.
- Shaft.
- Test pit.
- Open cut, quarry, gravel pit.
- Quartz vein, width in inches.
- Quartz-carbonate vein.
- Quartz stringers.
- Sulphide mineralization.
- Magnetic attraction.
- Township boundary, approximate position only.
- Township boundary, unsurveyed.
- Lot of concession line or boundary of mining location, approximate position only.



- LEGEND**
- CENOZOIC**
- RECENT***
- Peat, river deposits, dune deposits.
- PLEISTOCENE**
- Boulder clay (lacustrine); silt, sand, gravel, boulders (glacial); varved clay (glacial); sand dunes.
- GREAT UNCONFORMITY**
- PRECAMBRIAN**
- KEEWENAW**
- Quartz diabase (dikes)
- INTRUSIVE CONTACT**
- ALGOMAN**
- 4f. Gabbro.
 - 4g. Quartz-feldspar porphyry, feldspar porphyry.
 - 4h. Granite pegmatite.
 - 4i. Pink leucogranite, pink biotite granite.
 - 4j. Grey biotite granodiorite, grey diorite-hornblende granodiorite, grey hornblende-biotite quartz diorite.
- INTRUSIVE CONTACT**
- KEEWATIN**
- BASIC VOLCANIC ROCKS**
- 1a. Basalt.
 - 1b. Pillowed basalt.
 - 1c. Gabbroic lava.
 - 1d. Porphyritic basalt.
 - 1e. Basalt breccia or tuff.
 - 1f. Amphibolite, hornblende, schist (original rock type in brackets, if known).
- ACID VOLCANIC ROCKS**
- 1h. Rhyolite, porphyritic rhyolite.
 - 1i. Rhyolite breccia or tuff.
- Partially carbonized lavas and intrusives.

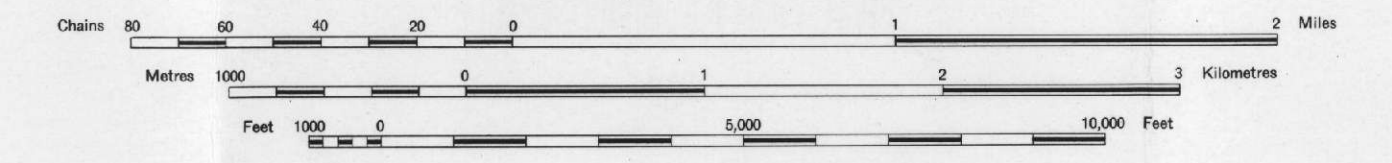
*These deposits are not differentiated by colour on the map.

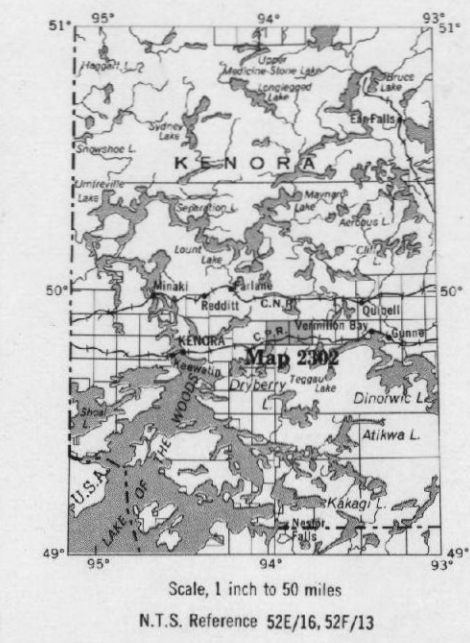
SOURCES OF INFORMATION

Geology by J. Saffery and assistants, 1958.
 Base map compiled by J. Saffery.
 Cartography by J. Stankevics, Ontario Department of Mines.
 Magnetic declination in the area 3° E., 1958.

Map No. 1960h
DYMENT AREA
 DISTRICT OF KENORA, ONTARIO

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





- SYMBOLS**
- Glacial striae.
 - Small bedrock outcrop.
 - Area of bedrock outcrop.
 - Bedding, top unknown; (inclined, vertical).
 - Bedding, top (arrow) from grain gradation; (inclined, vertical, overturned).
 - Lava flow; top (arrow) from pillows shape and packing.
 - Schistosity; (horizontal, inclined, vertical).
 - Gneissosity; (horizontal, inclined, vertical).
 - Foliation; (horizontal, inclined, vertical).
 - Lineation with plunge.
 - Geological boundary, observed.
 - Geological boundary, position interpreted.
 - Fault; (observed, assumed). Spot indicates down throw side, arrows indicate horizontal movement.
 - Lineament.
 - Drag folds with plunge.
 - Anticline, syncline, with plunge.
 - Drill hole; (vertical, inclined).
 - Radioactivity.
 - Swamp.
 - Motor road, provincial highway number encircled where applicable.
 - Other road.
 - Portage, trail, winter road.
 - Township boundary, with milepost, approximate position only.
 - Township boundary, unsurveyed, approximate position only.
 - Property boundary, approximate position only.
 - Surveyed line, approximate position only.
 - Location of property, surveyed. See list of properties and mineral deposits.
 - Location of property, unsurveyed, or mineral deposit. See list of properties and mineral deposits.

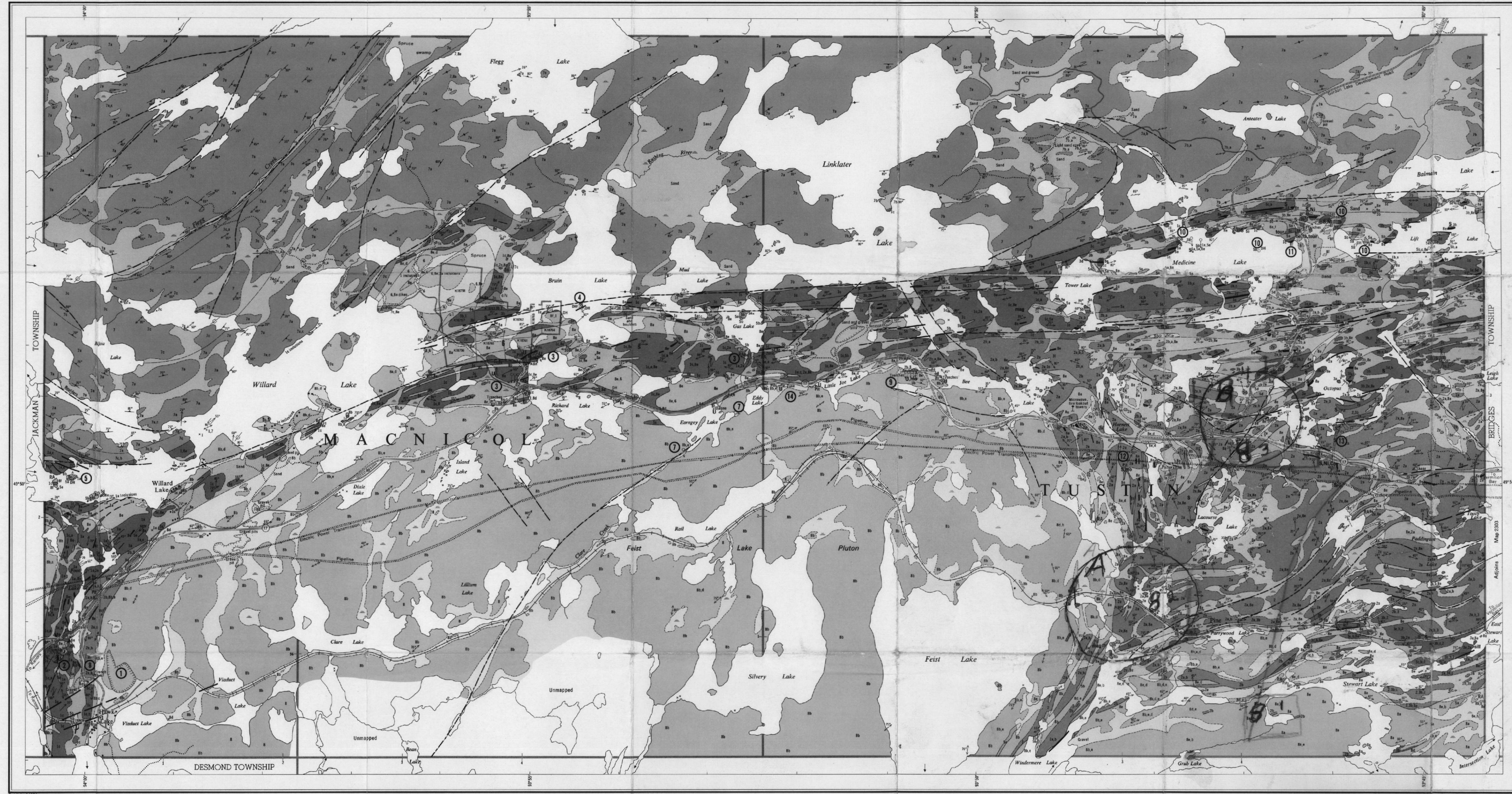
- PROPERTIES, MINERAL DEPOSITS**
- MACNICOL TOWNSHIP**
1. Canadian Pacific Railway Co., (Hawk Lake ball pit.)
 2. Hawk Lake occurrence.
 3. Kenomatic prospect.
 4. Kolak occurrence.
 5. Machin, B. (1956).
 6. New Campbell Island Mines Ltd.
 7. Quebec Ascol occurrence.
 8. Viceroy Uranium Corp. Ltd. (1956).
- TUSTIN TOWNSHIP**
9. Bee Lake occurrence.
 10. Falconbridge Nickel Mines Ltd.
 11. Falconbridge Nickel Mines Ltd., (Medicine Lake occurrence).
 12. Heinz occurrence.
 13. Octopus Lake occurrence.
 14. Quebec Ascol occurrence.

Information current to December 31st, 1970.
 Only former properties on ground now open for staking are shown where exploration information is available.
 A date in square brackets indicates last year of unencouraging exploration activity. For further information see report.

SOURCES OF INFORMATION

Geology by A. P. Pyslak and assistants, Geological Branch, 1967.
 Geology is not tied to surveyed lines.
 Assessment work data on file with the Ministry of Natural Resources.
 Aeromagnetic maps 1171G and 1179G; QDM-GSC.
 Preliminary maps P471, MacNicol Township, and P472, Tustin Township, scale 1 inch to 1/4 mile, issued 1956.
 Cartography by P. A. Wisbey, and assistants, Surveys and Mapping Branch, 1974.
 Base maps derived from maps of the Forest Resources Inventory, Surveys and Mapping Branch, with additional information by A. P. Pyslak.
 Magnetic declination in the area was approximately 6° East in 1967.

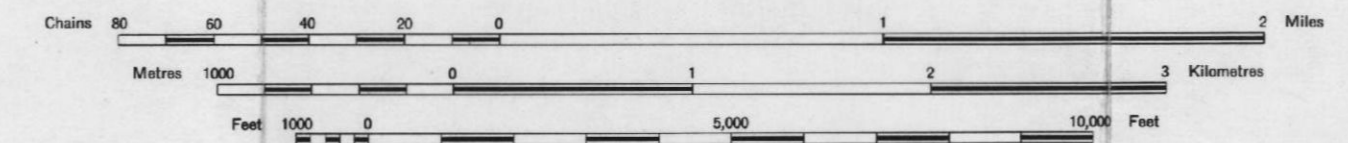
- LEGEND**
- CEANOZOIC¹**
- QUATERNARY**
- RECENT**
- Organic deposits, lacustrine and fluvial clay, silt, and sand.
- PLEISTOCENE**
- Till; lacustrine sand, gravel, and clay.
- UNCONFORMITY**
- PRECAMBRIAN²**
- LATE FELSIC INTRUSIVE ROCKS**
- FELSIC INTRUSIVE ROCKS**
- 8 Unsubdivided.
 - 8a Granite.
 - 8b Equigranular quartz monzonite and granodiorite.
 - 8c Porphyritic biotite granodiorite.
 - 8d Megacrystic.
 - 8e Pink pegmatite, pegmatitic granite, apatite.
 - 8f White pegmatite.
- INTRUSIVE CONTACT (1)**
- ENGLISH RIVER BELT ROCKS**
- 7 Unsubdivided.
 - 7a Equigranular granodiorite gneiss.
 - 7b Porphyritic gneiss.
 - 7c Equigranular, massive to foliated, quartz monzonite and granodiorite.
- INTRUSIVE CONTACT (1)**
- SYENITIC ROCKS**
- 6 Unsubdivided.
 - 6a Porphyritic syenite.
- INTRUSIVE CONTACT (1)**
- MAFIC AND ULTRAMAFIC INTRUSIVE ROCKS**
- 5 Unsubdivided.
 - 5a Gabbro.
 - 5b Peridotite.
 - 5c Pyroxenite.
 - 5d Amphibolite.
- INTRUSIVE CONTACT**
- EARLY FELSIC INTRUSIVE ROCKS**
- 4 Quartz-feldspar porphyry.¹
- INTRUSIVE CONTACT (1)**
- METAVOLCANICS AND METASEDIMENTS**
- METASEDIMENTS**
- 3 Unsubdivided.
 - 3a Muscovite-bearing greywacke.
 - 3b Biotite-bearing greywacke.
 - 3c Hornblende-bearing greywacke.
 - 3d Garnetiferous greywacke.
 - 3e Calc-silicate gneiss.
 - 3f Massive calc-silicate rocks.
- IF Iron Formation.¹**
- INTERMEDIATE METAVOLCANICS**
- 2 Unsubdivided.
 - 2a Pyroclastic rocks.
 - 2b Hornblende-biotite-quartz-plagioclase schists and gneisses of uncertain origin.
- MAFIC METAVOLCANICS**
- 1 Unsubdivided.
 - 1a Pyroclastic rocks.
 - 1b Massive, pillowed, and amygdaloidal flows.
 - 1c Hornblende-plagioclase and biotite-hornblende-plagioclase schists and gneisses of uncertain origin.



350

Map 2302
MACNICOL and TUSTIN TOWNSHIPS
 KENORA DISTRICT

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



A - FOLD HINGE (?) - QUARTZ VEINS,
 SHEAR ZONES

 B - INTERSECTING STRUCTURES -
 FAULT/SHEAR
 ZONES, RUSTY
 ZONES

- Ag Silver.¹
- Beryl.
- Co Cobalt.
- mag Magnetite.
- Mn Manganese.
- Mo Molybdenite.
- Ni Nickel.
- Pb Lead.¹
- S Sulphide mineralization.
- sil Silimanite.
- st Stone.¹
- ta Tantalite.
- U Uranium.
- Zn Zinc.¹

¹Unconsolidated deposits. Cenozoic deposits are represented by the lighter coloured parts of the map.
²Bedrock geology. Outcrops and inferred extensions of each rock map unit are shown respectively in deep and light tones of the same colour. Where in places a formation is too narrow to show in colour and must be represented in black, a short black bar appears in the appropriate block.
³Occurs on companion sheet only, Map 2303, Bridges and Docker Townships.