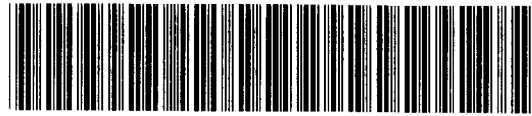




42A03NE0011 OP92-162 BARTLETT

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C.P.A.P. 1992
Project Mongoose and Project
Whiskey Lake
Sault Ste Marie Mining Division
By D.R. Healey



42A03NE0011 OP92-162 BARTLETT

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Project Mongoose

Date: 28 Nov. 1992

Name: David R. Healey

Location: Mining Division Sault Ste Marie
Townships Sagard, Poulin, Nicholas, Rimbault
Claim maps are included in this report
and prospecting traverses are shown on the
Rock Sample Location Map.

Access Access to the project area is north via the town of Elliot Lake on Hwy 108, which turns into Hwy 639. At the junction of Hwy 639 and Hwy 546 you are at the top of the target area, with both highways providing East & West access.

Changes After encountering more than expected diabase sills, it wasn't always practical for evenly spaced north to south traverses. So there were east to west traverses as well as north to south based on the amount of diabase and topog.

Geology. The only surprise, there was much more than expected diabase sills encountered during traverses. Of which the only interesting feature was a few late fracture Qtz veins and veinlets, with to 1% chalcopyrite + malachite. But after assaying these veinlets yielded nil to slightly anomalous gold.

As far as exploring the Huronian sediment for stratabound mineralization, no interesting mineralization was found. The only mineralization found, was rusty beds of siltstone, rich in iron and disseminated py, which yield no interesting assay numbers.

During the course of prospecting, no interesting mineralization was found, to hint at any sedimentary hosted stratabound copper or gold.

Results:

During the project 17 rock samples were taken and assayed. (9801 → 9817)

There was one copper anomaly found in a (5') narrow sulphide shear in a diabase sill in a rockcut on Hwy. 639. These were samples 9805 and 9806 which ran:

9805	8190 ppm Cu	185 ppb Au
9806	2690 ppm Cu	110 ppb Au.

This sulphide shear showed no strike length.

The only other slightly anomalous values of copper and slight gold were found in Poulvin Township. These values occur in late gtz fracture filling veins + veinlets in a diabase sill with to 1% chalcopyrite and to malachite.

These were samples 9812, 13, 14, 15 which ran:

9812	1390 ppm Cu	45 ppb Au
9813	4870 ppm Cu	45 ppb Au
9814	49 ppm Cu	255 ppb Au
9815	1715 ppm Cu	45 ppb Au.

Other than these anomalies, there were no showings or interesting mineralization found.

Recommendations

Based on geology and field work, no further work is recommended for this area.

The late mineralization associated with the diabase sills, makes for little or no economic potential.

Mongoose Project
Rock Sample Descriptions.

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- 9801 olivine rich diabase, small sect $< 1\%$ py
- 9802 pink (sil.) siltstone, minor fe stain $< 1\%$ py
- 9803 pink-green fract quartzite w white qtz stringers
mod fe stain.
- 9804 white-green quartzite, med fe stain, tr - py
- 9805 s' shear in diabase, 2' wide gossan, 2% py
malachite stain along fol, tr carb.
- 9806 same as above
- 9807 olivine diabase, $< 1\%$ py, tr cpy
- 9808 diabase with rotted red feldspars (10' west of 9802)
 $< 1\%$ py.
- 9809 narrow qtz veinlets + stringers in beige quartzite.
tr galena? tr malachite stain.
- 9810 chert to siltstone w rusty bands w diss py.
strange black dendritic mineral
- 9811 rusty rubble from O.C 60' S. of 9810
- 9812 6" QV, white (20' long), $< 1\%$ chalco, host diabase
- 9813 2-3" QV, white (20' long), $< 1\%$ chalco, mal. stain,
host diabase
- 9814 4" QV, tr chalco, host diabase
- 9815 2' wide zone of veins + stringers, 10' long
1% chalco, mal stain.
- 9816 clean white quartzite
- 9817 rusty mudstone, flat lying, sporadic py.

sample numbers for Mongoose

Project are 9801 \rightarrow 9817 (inclusive)



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Project: OPAP
 Comments:

CERTIFICATE OF ANALYSIS

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm
	FA+AA															
9801	205	226	< 5	0.4	3.57	< 2	60	0.5	< 2	4.02	< 0.5	24	88	111	3.51	< 10
9802	205	226	< 5	0.2	0.38	< 2	< 10	< 0.5	2	0.04	< 0.5	27	344	26	1.47	< 10
9803	205	226	< 5	0.4	0.50	< 2	10	< 0.5	2	0.11	< 0.5	3	344	54	0.77	< 10
9804	205	226	< 5	0.2	0.72	< 2	50	0.5	< 2	0.01	< 0.5	12	376	10	0.72	< 10
9805	205	226	185	1.6	2.50	852	10	0.5	62	1.14	< 0.5	120	105	8190	11.05	< 10
9806	205	226	110	1.2	2.57	608	10	0.5	22	1.09	< 0.5	61	100	2690	9.32	< 10
9807	205	226	< 5	0.4	1.98	6	< 10	< 0.5	8	2.26	< 0.5	40	91	132	4.85	< 10
9808	205	226	< 5	0.6	1.68	8	< 10	0.5	< 2	2.01	< 0.5	4	72	60	4.23	< 10
9809	205	226	< 5	0.2	0.89	8	90	0.5	8	0.28	< 0.5	3	423	3040	1.59	< 10
9810	205	226	< 5	< 0.2	1.13	4	80	0.5	4	0.49	< 0.5	105	114	29	3.25	< 10
9811	205	226	< 5	0.4	1.14	< 2	270	0.5	6	0.09	< 0.5	18	95	68	1.17	< 10
9812	205	226	< 5	0.2	0.69	< 2	10	0.5	12	0.15	< 0.5	7	458	1390	2.13	< 10
9813	205	226	< 5	< 0.2	1.27	< 2	10	< 0.5	6	0.15	< 0.5	4	342	4870	3.17	< 10
9814	205	226	255	< 0.2	0.19	< 2	< 10	< 0.5	2	0.06	< 0.5	1	582	49	1.01	< 10
9815	205	226	< 5	< 0.2	0.21	< 2	< 10	< 0.5	8	0.04	< 0.5	2	622	1715	1.54	< 10
9816	205	226	< 5	< 0.2	0.33	< 2	< 10	< 0.5	< 2	< 0.01	< 0.5	1	492	11	0.42	< 10
9817	205	226	< 5	1.8	2.03	42	110	< 0.5	2	0.05	< 0.5	50	61	237	3.41	< 10
9818	205	226	< 5	< 0.2	0.29	< 2	10	< 0.5	< 2	0.03	< 0.5	3	446	60	0.98	< 10
9819	205	226	< 5	< 0.2	0.65	4	< 10	< 0.5	16	0.02	< 0.5	8	242	>10000	2.70	< 10
9820	205	226	50	< 0.2	0.38	4	< 10	< 0.5	16	0.03	< 0.5	29	410	>10000	2.45	< 10
9821	205	226	< 5	0.6	3.03	8	< 10	< 0.5	< 2	0.17	< 0.5	113	155	296	5.97	< 10
9822	205	226	180	< 0.2	0.55	< 2	< 10	< 0.5	106	0.10	< 0.5	26	422	>10000	7.65	< 10
9823	205	226	< 5	0.2	2.00	< 2	20	< 0.5	< 2	0.37	< 0.5	12	223	237	3.87	< 10
9824	205	226	20	< 0.2	0.49	< 2	< 10	< 0.5	16	0.02	< 0.5	7	395	>10000	3.09	< 10
9825	205	226	< 5	< 0.2	0.13	< 2	< 10	< 0.5	< 2	0.02	< 0.5	3	496	1230	0.74	< 10
9826	205	226	50	< 0.2	0.32	< 2	< 10	< 0.5	2	0.13	< 0.5	1	197	1115	0.52	< 10
9827	205	226	40	< 0.2	0.71	2	< 10	< 0.5	2	0.03	< 0.5	8	367	1820	1.57	< 10
9828	205	226	< 5	< 0.2	0.02	< 2	< 10	< 0.5	< 2	3.06	< 0.5	1	466	34	0.49	< 10
9829	205	226	< 5	0.2	0.65	< 2	50	< 0.5	< 2	0.32	< 0.5	4	503	55	1.76	< 10
9830	205	226	< 5	0.4	1.57	160	50	< 0.5	< 2	0.16	< 0.5	105	117	135	3.08	< 10
9831	205	226	< 5	0.6	4.90	38	110	< 0.5	< 2	1.16	< 0.5	42	244	81	8.23	< 10
9832	205	226	< 5	0.2	1.39	< 2	< 10	< 0.5	< 2	0.57	< 0.5	12	437	172	2.58	< 10
9833	205	226	< 5	< 0.2	0.56	< 2	< 10	< 0.5	< 2	0.02	< 0.5	6	426	14	1.33	< 10
9834	205	226	< 5	0.8	4.85	< 2	< 10	< 0.5	< 2	0.34	0.5	28	216	447	7.74	< 10
9840	205	226	< 5	0.8	0.36	232	10	< 0.5	98	0.02	< 0.5	32	307	223	3.42	< 10
9841	205	226	< 5	0.2	0.92	26	120	< 0.5	4	0.03	< 0.5	7	242	31	1.96	< 10
9842	205	226	35	0.4	0.98	4	90	< 0.5	20	< 0.01	< 0.5	2	324	8	1.19	< 10
9843	205	226	< 5	0.6	2.10	32	180	< 0.5	< 2	0.38	1.0	18	103	45	3.06	< 10
9844	205	226	< 5	0.4	2.09	6	200	< 0.5	< 2	0.24	< 0.5	12	151	37	3.59	< 10
9845	205	226	< 5	< 0.2	0.88	< 2	< 10	< 0.5	< 2	0.17	< 0.5	7	372	16	1.61	< 10

CERTIFICATION



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Project: OPAP
 Comments:

CERTIFICATE OF ANALYSIS

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
9801	205 226	< 1	0.06	27	200	14	< 2	7	155	0.21	< 10	< 10	96	< 10	28
9802	205 226	< 1	0.18	19	110	2	< 2	< 1	3	< 0.01	< 10	< 10	8	< 10	6
9803	205 226	< 1	0.10	8	160	< 2	< 2	< 1	6	< 0.01	< 10	< 10	6	< 10	2
9804	205 226	< 1	0.03	9	70	< 2	< 2	< 1	1	< 0.01	< 10	< 10	4	< 10	2
9805	205 226	< 1	0.09	18	460	12	2	19	28	0.21	< 10	< 10	157	< 10	70
9806	205 226	< 1	0.11	16	460	6	< 2	16	27	0.22	< 10	< 10	150	< 10	74
9807	205 226	< 1	0.01	12	280	8	2	4	82	0.23	< 10	< 10	95	< 10	6
9808	205 226	< 1	0.01	2	280	< 2	2	3	60	0.28	< 10	< 10	76	< 10	6
9809	205 226	< 1	0.01	10	300	< 2	< 2	1	10	< 0.01	< 10	< 10	13	< 10	6
9810	205 226	5	0.19	49	1390	6	< 2	4	8	< 0.01	< 10	< 10	28	< 10	6
9811	205 226	4	0.17	17	410	18	2	3	7	< 0.01	< 10	< 10	20	< 10	4
9812	205 226	1	0.08	21	60	< 2	< 2	4	3	0.01	< 10	< 10	63	< 10	12
9813	205 226	1	0.11	22	170	4	< 2	4	3	0.04	< 10	< 10	89	< 10	124
9814	205 226	< 1	0.07	9	70	2	< 2	< 1	3	< 0.01	< 10	< 10	7	< 10	4
9815	205 226	< 1	0.04	12	20	4	< 2	1	3	< 0.01	< 10	< 10	37	< 10	8
9816	205 226	< 1	0.01	6	10	< 2	< 2	1	1	< 0.01	10	< 10	5	< 10	4
9817	205 226	2	0.04	46	230	44	< 2	3	4	< 0.01	10	< 10	12	< 10	34
9818	205 226	< 1	0.04	17	10	8	< 2	< 1	7	< 0.01	< 10	< 10	8	< 10	8
9819	205 226	6	0.03	25	40	6	< 2	3	6	< 0.01	< 10	< 10	23	20	44
9820	205 226	1	0.03	14	100	8	< 2	4	6	< 0.01	< 10	< 10	11	< 10	36
9821	205 226	1	0.10	63	230	6	< 2	19	1	0.20	< 10	< 10	146	< 10	26
9822	205 226	50	0.02	43	220	2	< 2	4	3	< 0.01	< 10	< 10	16	40	168
9823	205 226	< 1	0.02	40	390	4	< 2	3	15	0.07	< 10	< 10	43	< 10	42
9824	205 226	1	0.02	27	30	8	< 2	3	4	< 0.01	< 10	< 10	16	20	44
9825	205 226	1	0.04	10	20	8	< 2	< 1	3	< 0.01	< 10	< 10	2	< 10	6
9826	205 226	12	0.28	5	200	6	< 2	< 1	3	< 0.01	10	< 10	3	< 10	4
9827	205 226	1	0.06	37	100	6	< 2	4	2	< 0.01	< 10	< 10	40	< 10	14
9828	205 226	< 1	0.03	8	90	8	< 2	1	48	< 0.01	< 10	< 10	< 1	< 10	16
9829	205 226	1	0.04	20	180	8	< 2	1	8	< 0.01	< 10	< 10	8	< 10	18
9830	205 226	1	0.02	113	610	24	< 2	3	4	0.01	10	< 10	21	< 10	56
9831	205 226	< 1	0.01	74	270	8	< 2	12	39	0.31	< 10	< 10	150	10	138
9832	205 226	< 1	0.06	29	140	18	< 2	15	11	0.10	< 10	< 10	59	< 10	54
9833	205 226	< 1	< 0.01	21	20	4	< 2	1	< 1	< 0.01	< 10	< 10	21	< 10	22
9834	205 226	< 1	0.02	73	200	32	< 2	26	9	0.15	< 10	< 10	186	< 10	188
9840	205 226	< 1	0.13	74	120	28	< 2	1	3	< 0.01	< 10	< 10	13	< 10	12
9841	205 226	6	0.01	15	400	32	< 2	2	11	0.01	40	< 10	10	< 10	10
9842	205 226	15	0.02	8	180	22	< 2	1	4	< 0.01	< 10	< 10	9	< 10	4
9843	205 226	1	0.03	42	430	158	< 2	4	8	0.16	< 10	< 10	28	< 10	198
9844	205 226	1	0.08	29	390	64	< 2	8	8	0.18	< 10	< 10	41	< 10	140
9845	205 226	< 1	0.06	22	70	8	< 2	6	12	0.03	< 10	< 10	37	< 10	30

CERTIFICATION



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Project: OPAP
Comments:

CERTIFICATE OF ANALYSIS

SAMPLE	PREP CODE	Al2O3 %	CaO %	Cr2O3 %	Fe2O3 %	K2O %	MgO %	MnO %	Na2O %	P2O5 %	SiO2 %	TiO2 %
9816	299 200	1.61	0.05	0.05	0.59	0.44	< 0.01	< 0.01	< 0.01	0.06	98.00	

CERTIFICATION: _____

Whiskey Lake Project

Date: 29 Nov 1992

Name: David R. Healey

Location: Mining Division Sault Ste Marie
Townships Gaiashk, Lehman, Joubin
- claim maps are included in this report, and
prospecting traverses are shown on the rock
sample location map

Access: Access to the target area is by Hwy 17
(Trans-Canada) to the town Massey, then north
on Hwy. 553 for 33 km. After 33 km, go
west on the "Whiskey Lake" dirt road to
Whiskey Lake (approx 17 km). From Whiskey
Lake, the target areas can be accessed
by boat.

Changes: The project was slightly changed after a
talk to the Elliot Lake resident geologist
Mike Hailstone.
First, Mr Hailstone recommended re-sampling
and prospecting around an old Ni-Cu showing
in the north-east corner of Corner Lake in
Joubin Township, with the idea of sampling
for Platinum Group metals, + the possibility of
further Ni-Cu showings
Secondly, Mr Hailstone suggested prospecting along
regional structural controls for vein type
gold mineralization.

Geology: No paleoplacer or stratabound type
mineralization was found in the Huronian
sediments during the course of prospecting.

All known sulphide deposits, + the only
gold prospect in the area, are related to
Keweenaw diabase sills + dikes.

Mineralization in the area is at or near
the upper contacts of the diabase sills
associated with faults and small scale
folds close to the axis of the Quirke
Lake Syncline

All mineralization encountered during
prospecting was related to diabase sills,
as mentioned above.

No interesting mineralization was encountered
in the greenstones S.E. of the south end
of Whiskey Lake. Traverses were also cut
short by 2 large claim groups, south
and east of Whiskey Lake.

Results

The results from the prospecting program yielded two interesting areas with low, but anomalous values.

- 1 North-east corner of Bear Lake, Lehman Twp.
 - 4' qtz vein (8' long then into lake) with galena rich sections and 1% chalcopyrite.
 - two samples were taken from this vein
 9848 4' composite chip of barren qtz < 5 ppb Au, 0.2 ppm Ag
 9848 B high grade of galena & cpy rich sections
 0.046 oz/ton Au, 4.13 oz/ton Ag

- 2 Old Ni-Cu showing N.E. corner of Corner Lake, Joubin Twp. Low grade Ni-Cu values were re-confirmed, with slightly anomalous Platinum, Palladium values, and one slight gold kick of 200 ppb.

		Ni ppm	Cu ppm	Pd ppb	Pt ppb	Au ppb
9835	} old trench	1360	2010	64	170	53
9836		1425	4410	68	160	56
9837		264	>10,000	130	90	200
9838	} 500-600' west-south-west of trench in O.C.	294	1660	16	45	16
9839		431	2950	26	70	18

As a final note, the old copper showings on the North shore & west end of McCool Lake were prospected with the idea of tying for some gold values. The past copper values were reproduced comparably to previous surveys, but no gold or silver anomalies were yielded from assays.

Recommendations.

Based on the prospecting program this summer, I recommend more prospecting to the east of the 0.046 oz/ton Au value found on the north-east corner of Bear Lake.

The area should be prospected along the contact of the Whiskey Lake Sill & fault, and the Huronian Sediments. If the prospecting proves successful, then ground geophysics such as VLF and Self Potential surveys should be performed.

Also a week of prospecting should be done around the old Ni-Cu showing on the N.E. Corner of Corner Lake, in Joubin Twp. If some new showings can be found, and start exceeding the 1% plus Ni-Cu

Recommendations

threshold. You may start encountering some elevated values of Platinum Group Metals and even gold, then the area could prove to be a viable exploration target.

Whiskey Lake Project

Rock Sample Descriptions

Sample numbers for Whiskey Lake Project
are 9818 to 9851 inclusive

- 9818 1' milky bull gtz blow to py.
N. shore, W. end McCool Lake, 110' N of shore
- 9819 Pit 4' x 15' x 3' 3-4' milky, rusty QV, 1-10% cpy
025° N 75° W of 9818
- 9820 Pit 5' x 5' x 2' 1' milky QV, 5% cpy, to malachite
N. shore, W. end McCool Lake, 175' N of Lake.
- 9821 cooked up Quartzite, md stain, 1% py, to cpy
N. shore, W. end McCool Lake, 25' N of shore
- 9822 trench 30' x 5' x 2' 5' QV milky gtz, 15% chalc
N. shore, W. end McCool Lake
- 9823 6" milky QV, approx 40' long to cpy
N. shore, W. end McCool Lake
- 9824 trench 10' x 3' x 3' 1-2' milky QV, 5-10% cpy
N. shore, W. end McCool Lake
- 9825 gtz rich shear zone 5', md. fe stain, to cpy, malachite
Corner Lake portage, W. of McCool Lake
- 9826 same location as 9825, minor gtz stringers
to cpy, to azurite
- 9827 5' gtz shear, md rust, to py
W. shore of Corner Lake (McCool Lake Fault)
- 9828 6" to 10" QV in dolomite, rusty
N.E. shore of Caribou Lake
- 9829 gtz shear zone, stringers, rusty, to py.
east shore near Caribou Lake portage
- 9830 greywacke? strongly stained, to cpy to magnetite
S. end, E. side, Whitefish Lake.
- 9831 dirty argillite or siltstone, strong stain, to py
S. end, W. side, Whitefish Lake
- 9832 gtz sweats at quartzite-diorite contact, rusty gtz
N.E. corner of Bear Lake.
- 9833 large bull gtz boulders insitu, part of surface vein
in diabase, same location as 9832
- 9834 rusty gtz sweats in diabase, 1% cpy, to azurite
same location as 9832
- 9835 Ni-Cu showing, Corner Lake, random much samples
from trench, host gabbro-diorite?, md mag, 15% po, to cpy
- 9836 same trench as 9835, chalcopyrite rich samples from trench
15%⁺ po, md mag, 3-4% cpy.
- 9837 same trench as 9835, 4" horizontal cpy rich gtz
5-7% cpy. high grade
- 9838 gabbro-diorite host?, strong stain c.c., 1% po, cpy (blebs)
weak mag, 500'-600' W.S.W of Corner Lake trench
- 9839 25' S. of 9838 host: gabbro-diorite
1% po, cpy (blebs), weak mag.
- 9840 rusty quartzite w rusty vugs of weathered py.
N. central shore of McCool Lake, opposite island.
- 9841 clean quartzite w rusty patches w py vugs, pea size
gtz eyes? S.E. corner of S. end of Whiskey Lake

Whiskey Lake Project

Rock Sample Descriptions

- 9842 pyritic Qtz pebble conglomerate, w weathered cugs py
S. end Whiskey Lake, S.E. corner
- 9843 dull grey siltstone, md stain along fol., tr py
200' W of Bear Lake portage, Bear Lake.
- 9844 dull grey siltstone, md. stain along fol., tr py
N.W. corner Bear Lake
- 9845 2"-6" rusty disjointed QV, tr py, host diabase
N.E. corner Bear Lake
- 9846 6" bull QV, host diabase
N.E. corner Bear Lake
- 9847 8"-10" bull QV, host diabase
N.E. corner Bear Lake.
- 9848 c.c. across 4' rusty QV tr py, tr galena
N.E. corner Bear Lake
- 9849 1' clean QV in quartzite vein 105° AZ
N.E. corner Bear Lake.
- 9850 purple Qtz veins shearing diabase 5'x20' area
clean purple Qtz } between Bear + Whiskey Lk.
- 9851 3' bull QV in quartzite w fairly large Qtz
stockwork below in Qtzite
between Bear + Whiskey Lakes.
- 9848 B
- same vein as 9848
 - sample of galena rich section of vein
w 1% cpy
 - sample run, compliments of Magino Gold Mine.



Chemex Labs Ltd.

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PHONE: 416-624-2806

Client: HEALEY, DAVID

607 UPPER SHERMAN AVE.
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L8V 3M3

Project: OPAP
Comments:

Page No. : 1-A
Total Pages : 2
Certificate Date: 30-SEP-92
Invoice No. : 19221822
P.O. Number :
Account : KHN

CERTIFICATE OF ANALYSIS

A9221822

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
	FA+AA																				
9801	205	226	< 5	0.4	3.57	< 2	60	0.5	< 2	4.02	< 0.5	24	88	111	3.51	< 10	< 1	0.02	< 10	0.78	370
9802	205	226	< 5	0.2	0.38	< 2	< 10	< 0.5	2	0.04	< 0.5	27	344	26	1.47	10	< 1	0.02	10	0.12	65
9803	205	226	< 5	0.4	0.50	< 2	10	< 0.5	2	0.11	< 0.5	3	344	54	0.77	< 10	< 1	0.19	10	0.05	45
9804	205	226	< 5	0.2	0.72	< 2	50	0.5	< 2	0.01	< 0.5	12	376	10	0.72	10	< 1	0.40	10	0.04	30
9805	205	226	185	1.6	2.50	852	10	0.5	62	1.14	< 0.5	120	105	8190	11.05	< 10	< 1	0.07	10	1.95	430
9806	205	226	110	1.2	2.57	608	10	0.5	22	1.09	< 0.5	61	100	2690	9.32	< 10	< 1	0.11	10	1.80	480
9807	205	226	< 5	0.4	1.98	6	< 10	< 0.5	8	2.26	< 0.5	40	91	132	4.85	< 10	< 1	0.01	< 10	0.24	160
9808	205	226	< 5	0.6	1.68	8	< 10	0.5	< 2	2.01	< 0.5	4	72	60	4.23	< 10	< 1	0.03	< 10	0.20	140
9809	205	226	< 5	0.2	0.89	8	90	0.5	8	0.28	< 0.5	3	423	3040	1.59	10	< 1	0.44	70	0.06	40
9810	205	226	< 5	< 0.2	1.13	4	80	0.5	4	0.49	< 0.5	105	114	29	3.25	< 10	< 1	0.26	20	0.57	115
9811	205	226	< 5	0.4	1.14	< 2	270	0.5	6	0.09	< 0.5	18	95	68	1.17	10	< 1	0.51	30	0.33	45
9812	205	226	< 5	0.2	0.69	< 2	10	0.5	12	0.15	< 0.5	7	458	1390	2.13	< 10	< 1	0.03	< 10	0.33	110
9813	205	226	< 5	< 0.2	1.27	< 2	10	< 0.5	6	0.15	< 0.5	4	342	4870	3.17	< 10	< 1	0.11	< 10	0.69	235
9814	205	226	255	< 0.2	0.19	< 2	< 10	< 0.5	2	0.06	< 0.5	1	582	49	1.01	< 10	< 1	< 0.01	< 10	0.08	60
9815	205	226	< 5	< 0.2	0.21	< 2	< 10	< 0.5	8	0.04	< 0.5	2	622	1715	1.54	< 10	< 1	0.03	< 10	0.04	40
9816	205	226	< 5	< 0.2	0.33	< 2	< 10	< 0.5	< 2	< 0.01	< 0.5	1	492	11	0.42	< 10	< 1	0.12	< 10	< 0.01	30
9817	205	226	< 5	1.8	2.03	42	110	< 0.5	2	0.05	< 0.5	50	61	237	3.41	10	< 1	0.68	30	0.70	130
9818	205	226	< 5	< 0.2	0.29	< 2	10	< 0.5	< 2	0.03	< 0.5	3	446	60	0.98	< 10	< 1	< 0.01	< 10	0.18	100
9819	205	226	< 5	< 0.2	0.65	4	< 10	< 0.5	16	0.02	< 0.5	8	242	>10000	2.70	< 10	< 1	< 0.01	< 10	0.50	95
9820	205	226	50	< 0.2	0.38	4	< 10	< 0.5	16	0.03	< 0.5	29	410	>10000	2.45	< 10	< 1	< 0.01	< 10	0.32	135
9821	205	226	< 5	0.6	3.03	8	< 10	< 0.5	< 2	0.17	< 0.5	113	155	296	5.97	20	< 1	0.01	< 10	2.86	275
9822	205	226	180	< 0.2	0.55	< 2	< 10	< 0.5	106	0.10	< 0.5	26	422	>10000	7.65	< 10	< 1	< 0.01	< 10	0.41	70
9823	205	226	< 5	0.2	2.00	< 2	20	< 0.5	< 2	0.37	< 0.5	12	223	237	3.87	10	< 1	0.35	< 10	1.63	415
9824	205	226	20	< 0.2	0.49	< 2	< 10	< 0.5	16	0.02	< 0.5	7	395	>10000	3.09	< 10	< 1	< 0.01	< 10	0.34	55
9825	205	226	< 5	< 0.2	0.13	< 2	< 10	< 0.5	< 2	0.02	< 0.5	3	496	1230	0.74	< 10	< 1	< 0.01	< 10	0.02	70
9826	205	226	50	< 0.2	0.32	< 2	< 10	< 0.5	2	0.13	< 0.5	1	197	1115	0.52	< 10	< 1	0.02	10	0.03	40
9827	205	226	40	< 0.2	0.71	2	< 10	< 0.5	2	0.03	< 0.5	8	367	1820	1.57	< 10	< 1	0.07	< 10	0.37	75
9828	205	226	< 5	< 0.2	0.02	< 2	< 10	< 0.5	< 2	3.06	< 0.5	1	466	34	0.49	< 10	< 1	< 0.01	< 10	0.06	275
9829	205	226	< 5	0.2	0.65	< 2	50	< 0.5	< 2	0.32	< 0.5	4	503	55	1.76	< 10	< 1	0.09	< 10	0.51	275
9830	205	226	< 5	0.4	1.57	160	50	< 0.5	< 2	0.16	< 0.5	105	117	135	3.08	10	< 1	0.32	40	0.65	65
9831	205	226	< 5	0.6	4.90	38	110	< 0.5	< 2	1.16	< 0.5	42	244	81	8.23	10	< 1	1.88	< 10	3.38	745
9832	205	226	< 5	0.2	1.39	< 2	< 10	< 0.5	< 2	0.57	< 0.5	12	437	172	2.58	< 10	< 1	< 0.01	10	1.10	415
9833	205	226	< 5	< 0.2	0.56	< 2	< 10	< 0.5	< 2	0.02	< 0.5	6	426	14	1.33	< 10	< 1	< 0.01	< 10	0.47	180
9834	205	226	< 5	0.8	4.85	< 2	< 10	< 0.5	< 2	0.34	0.5	28	216	447	7.74	10	< 1	< 0.01	< 10	4.19	1240
9840	205	226	< 5	0.8	0.36	232	10	< 0.5	98	0.02	< 0.5	32	307	223	3.42	< 10	< 1	0.08	< 10	0.13	45
9841	205	226	< 5	0.2	0.92	26	120	< 0.5	4	0.03	< 0.5	7	242	31	1.96	20	< 1	0.57	170	0.14	55
9842	205	226	35	0.4	0.98	4	90	< 0.5	20	< 0.01	< 0.5	2	324	8	1.19	< 10	< 1	0.64	10	0.02	25
9843	205	226	< 5	0.6	2.10	32	180	< 0.5	< 2	0.38	1.0	18	103	45	3.06	< 10	< 1	1.31	30	0.82	330
9844	205	226	< 5	0.4	2.09	6	200	< 0.5	< 2	0.24	< 0.5	12	151	37	3.59	< 10	< 1	1.25	20	1.16	235
9845	205	226	< 5	< 0.2	0.88	< 2	< 10	< 0.5	< 2	0.17	< 0.5	7	372	16	1.61	< 10	< 1	< 0.01	< 10	0.63	230

CERTIFICATION:

Jhai D Ma

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Project : OPAP
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Certificate Date: 30-SEP-92
Invoice No. : 19221822
P.O. Number :
Account : KHN

CERTIFICATE OF ANALYSIS

A9221822

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
9801	205	226	< 1	0.06	27	200	14	< 2	7	155	0.21	< 10	< 10	96	< 10	28
9802	205	226	< 1	0.18	19	110	2	< 2	< 1	3	< 0.01	< 10	< 10	8	< 10	6
9803	205	226	< 1	0.10	8	160	< 2	< 2	< 1	6	< 0.01	< 10	< 10	6	< 10	2
9804	205	226	< 1	0.03	9	70	< 2	< 2	< 1	1	< 0.01	< 10	< 10	4	< 10	2
9805	205	226	< 1	0.09	18	460	12	2	19	28	0.21	< 10	< 10	157	< 10	70
9806	205	226	< 1	0.11	16	460	6	< 2	16	27	0.22	< 10	< 10	150	< 10	74
9807	205	226	< 1	0.01	12	280	8	2	4	82	0.23	< 10	< 10	95	< 10	6
9808	205	226	< 1	0.01	2	280	< 2	2	3	60	0.28	< 10	< 10	76	< 10	6
9809	205	226	< 1	0.01	10	300	< 2	< 2	1	10	< 0.01	< 10	< 10	13	< 10	6
9810	205	226	5	0.19	49	1390	6	< 2	4	8	< 0.01	< 10	< 10	28	< 10	6
9811	205	226	4	0.17	17	410	18	2	3	7	< 0.01	< 10	< 10	20	< 10	4
9812	205	226	1	0.08	21	60	< 2	< 2	4	3	0.01	< 10	< 10	63	< 10	12
9813	205	226	1	0.11	22	170	4	< 2	4	3	0.04	< 10	< 10	89	< 10	124
9814	205	226	< 1	0.07	9	70	2	< 2	< 1	3	< 0.01	< 10	< 10	7	< 10	4
9815	205	226	< 1	0.04	12	20	4	< 2	1	3	< 0.01	< 10	< 10	37	< 10	8
9816	205	226	< 1	0.01	6	10	< 2	< 2	1	1	< 0.01	10	< 10	5	< 10	4
9817	205	226	2	0.04	46	230	44	< 2	3	4	< 0.01	10	< 10	12	< 10	34
9818	205	226	< 1	0.04	17	10	8	< 2	< 1	7	< 0.01	< 10	< 10	8	< 10	8
9819	205	226	6	0.03	25	40	6	< 2	3	6	< 0.01	< 10	< 10	23	20	44
9820	205	226	1	0.03	14	100	8	< 2	4	6	< 0.01	< 10	< 10	11	< 10	36
9821	205	226	1	0.10	63	230	6	< 2	19	1	0.20	< 10	< 10	146	< 10	26
9822	205	226	50	0.02	43	220	2	< 2	4	3	< 0.01	< 10	< 10	16	40	168
9823	205	226	< 1	0.02	40	390	4	< 2	3	15	0.07	< 10	< 10	43	< 10	42
9824	205	226	1	0.02	27	30	8	< 2	3	4	< 0.01	< 10	< 10	16	20	44
9825	205	226	1	0.04	10	20	8	< 2	< 1	3	< 0.01	< 10	< 10	2	< 10	6
9826	205	226	12	0.28	5	200	6	< 2	< 1	3	< 0.01	10	< 10	3	< 10	4
9827	205	226	1	0.06	37	100	6	< 2	4	2	< 0.01	< 10	< 10	40	< 10	14
9828	205	226	< 1	0.03	8	90	8	< 2	1	48	< 0.01	< 10	< 10	< 1	< 10	16
9829	205	226	1	0.04	20	180	8	< 2	1	8	< 0.01	< 10	< 10	8	< 10	18
9830	205	226	1	0.02	113	610	24	< 2	3	4	0.01	10	< 10	21	< 10	56
9831	205	226	< 1	0.01	74	270	8	< 2	12	39	0.31	< 10	< 10	150	10	138
9832	205	226	< 1	0.06	29	140	18	< 2	15	11	0.10	< 10	< 10	59	< 10	54
9833	205	226	< 1	< 0.01	21	20	4	< 2	1	< 1	< 0.01	< 10	< 10	21	< 10	22
9834	205	226	< 1	0.02	73	200	32	< 2	26	9	0.15	< 10	< 10	186	< 10	188
9840	205	226	< 1	0.13	74	120	28	< 2	1	3	< 0.01	< 10	< 10	13	< 10	12
9841	205	226	6	0.01	15	400	32	< 2	2	11	0.01	40	< 10	10	< 10	10
9842	205	226	15	0.02	8	180	22	< 2	1	4	< 0.01	< 10	< 10	9	< 10	4
9843	205	226	1	0.03	42	430	158	< 2	4	8	0.16	< 10	< 10	28	< 10	198
9844	205	226	1	0.08	29	390	64	< 2	8	8	0.18	< 10	< 10	41	< 10	140
9845	205	226	< 1	0.06	22	70	8	< 2	6	12	0.03	< 10	< 10	37	< 10	30

CERTIFICATION:

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Chemex Labs Ltd.

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 PHONE: 416-624-2806

To: HEALEY, DAVID

607 UPPER SHERMAN AVE.
 HAMILTON, ON
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Project: OPAP
 Comments:

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 P.O. Number :
 Account :KHN

CERTIFICATE OF ANALYSIS A9221822

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
9846	205	226	< 1	0.01	33	60	8	< 2	2	14	0.04	< 10	< 10	33	< 10	36
9847	205	226	< 1	0.01	15	20	26	< 2	< 1	3	< 0.01	< 10	< 10	11	< 10	14
9848	205	226	< 1	< 0.01	12	< 10	20	< 2	< 1	< 1	< 0.01	< 10	< 10	< 1	< 10	4
9849	205	226	1	0.02	20	40	14	< 2	1	< 1	< 0.01	< 10	< 10	15	< 10	22
9850	205	226	< 1	< 0.01	7	10	2	< 2	< 1	< 1	< 0.01	< 10	< 10	2	< 10	10
9851	205	226	< 1	< 0.01	14	10	6	< 2	< 1	1	< 0.01	< 10	< 10	1	< 10	8



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CERTIFICATE OF ANALYSIS A9221822

SAMPLE	PREP CODE		Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
			ppb FA+AA	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
9846	205	226	< 5	< 0.2	1.32	< 2	20	< 0.5	< 2	1.04	< 0.5	12	195	10	2.00	< 10	< 1	< 0.01	< 10	1.00	405
9847	205	226	< 5	0.2	0.36	< 2	10	< 0.5	< 2	0.21	< 0.5	5	499	4	0.99	< 10	< 1	< 0.01	< 10	0.29	160
9848	205	226	< 5	0.2	0.01	< 2	< 10	< 0.5	< 2	0.01	< 0.5	1	448	10	0.48	< 10	< 1	< 0.01	< 10	< 0.01	40
9849	205	226	< 5	< 0.2	0.66	< 2	< 10	< 0.5	< 2	0.01	< 0.5	6	414	9	1.47	< 10	< 1	< 0.01	< 10	0.49	155
9850	205	226	< 5	< 0.2	0.06	< 2	< 10	< 0.5	< 2	< 0.01	< 0.5	1	232	3	0.34	< 10	< 1	< 0.01	< 10	0.05	45
9851	205	226	10	< 0.2	0.06	< 2	< 10	< 0.5	< 2	0.03	< 0.5	1	416	5	0.46	< 10	< 1	< 0.01	< 10	0.01	55



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To: HEALEY, DAVID

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Project: OPAP
Comments:

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Total Pages :1
Certificate Date: 30-SEP-92
Invoice No. :19221824
P.O. Number :
Account :KHN

CERTIFICATE OF ANALYSIS A9221824

SAMPLE	PREP CODE		Au	Pd	Pt	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La
			ppb AFS	ppb AFS	ppb AFS	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
9835	205	226	58	64	170	0.2	3.67	34	20	< 0.5	26	0.43	< 0.5	264	152	2010	>15.00	< 10	< 1	0.32	10
9836	208	226	56	60	160	1.4	3.24	310	10	< 0.5	18	0.64	< 0.5	370	140	4410	>15.00	< 10	< 1	0.15	10
9837	205	226	200	130	90	8.2	3.11	346	10	1.0	60	0.91	< 0.5	208	210	>10000	9.44	< 10	< 1	0.03	10
9838	205	226	16	16	45	1.4	3.08	20	30	0.5	16	0.88	< 0.5	62	47	1660	7.23	< 10	2	0.27	< 10
9839	205	226	18	26	70	2.0	2.66	22	10	0.5	14	1.06	< 0.5	94	83	2950	6.89	< 10	< 1	0.19	< 10

CERTIFICATION:

Yhai Ma



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To: HEALEY, DAVID

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Total Pages : 1
Certificate Date: 30-SEP-92
Invoice No. : 19221824
P.O. Number :
Account : KHN

CERTIFICATE OF ANALYSIS

A9221824

SAMPLE	PREP		Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
	CODE		%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
9835	205	226	2.30	700	< 1	0.02	1360	380	18	< 2	9	14	0.17	< 10	< 10	122	< 50	120
9836	205	226	2.04	625	< 1	0.05	1425	380	4	2	10	25	0.22	< 10	< 10	125	< 50	172
9837	205	226	1.71	565	< 1	0.05	264	420	4	< 2	11	43	0.29	< 10	< 10	117	< 50	312
9838	205	226	1.73	585	< 1	0.07	294	420	16	< 2	9	24	0.24	< 10	< 10	114	< 10	194
9839	205	226	1.47	485	< 1	0.07	431	390	8	< 2	8	26	0.25	< 10	< 10	97	< 10	144

CERTIFICATION:

ghai D Ma

MAGINO LAB.
GOLD ANALYSIS

NO. _____

SAMPLES _____

A.T. _____

SAMPLES REC. — Date Sept 14/92 Time _____

HEADING	SAMPLE	FIRE ASSAY		COMMENTS
		oz/T Au	oz/T Ag	
1		0.046	0.144	
2		0.008	0.038	
3		0.004	0.022	
4		FR	0.058	
5	9848b	0.046	4.130	
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				

Fire Assayer W. No. SealANALYSIS COMPLETED — Date Sept 14/92 Time _____

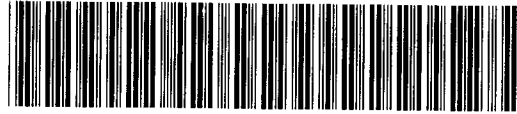


42A03NE0011 OP92-162 BARTLETT

020

OPAP 1992
Project Bartlett
(Bartlett Twp.)
Porcupine Mining Division

By D. R. Healey

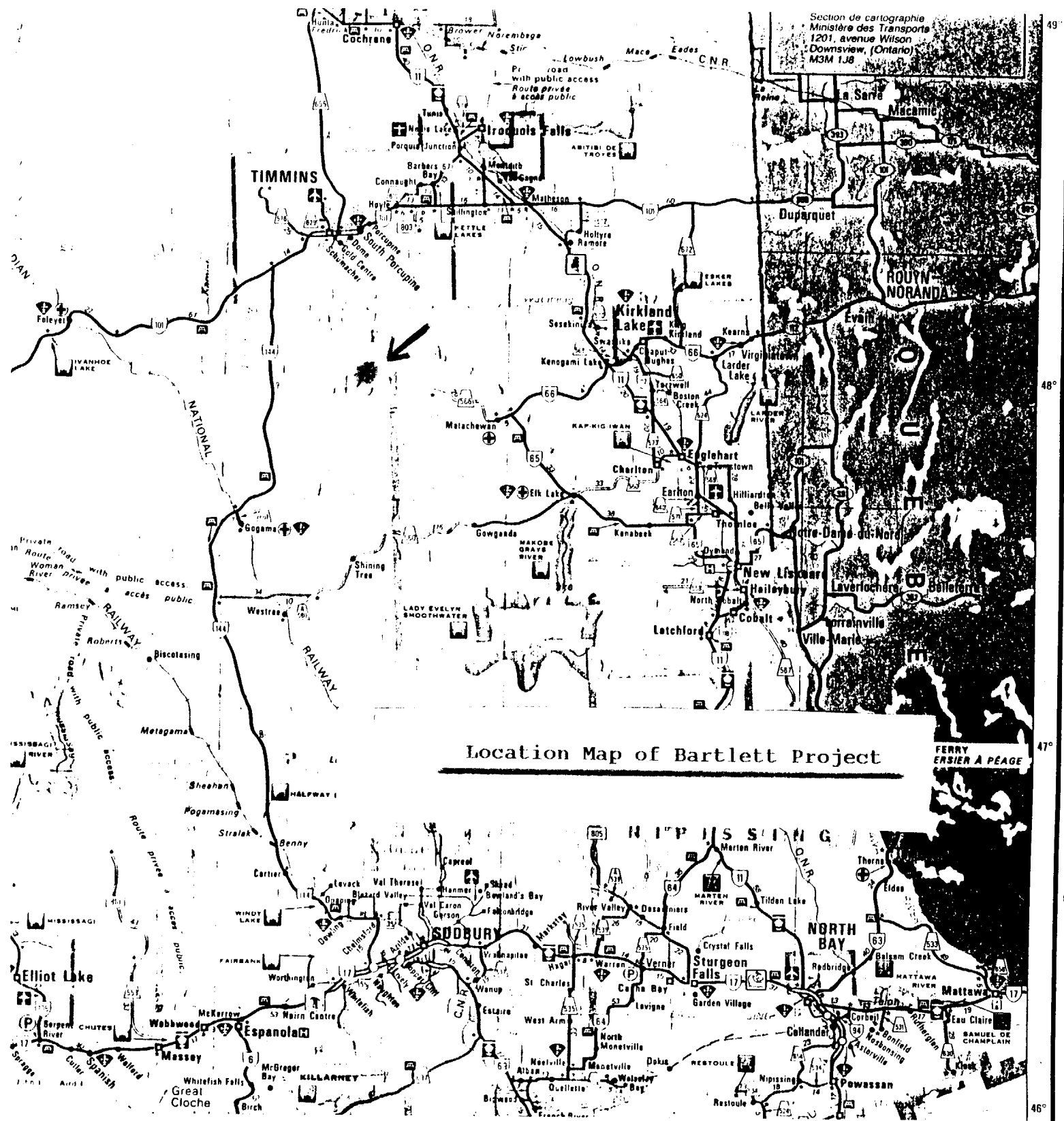


42A03NE0011 OP92-162 BARTLETT

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Bartlett Project

2

Date: 01 Dec 1992

Name: David R. Healey

Location: Mining Division Porcupine
Township Bartlett

- claim maps are included in this report,
and prospecting traverses are shown on the
rock sample location map.

Access:

Access to the claim group is via Timmins
along the Papakomeka road. Heading due
south for approximately 40 kms at which
point you will come to the junction of
Papakomeka road and Telluride road.
At this point there is a hydro access road
heading due east. Follow the hydro road
for 1.5 kms. and you will hit a powerline
and also be on the claim group.

Changes:

The only change to the project was the
location of the soil survey.
Originally I wanted to follow up an old
soil survey found in the assessment files.
But when walking the ground, the old
trenches and topography did not line
up with the old data. Plus there was
too much swamp in the area for the size
of the soil survey I was going to do.
Instead I ran the soil survey over the
area where I got my best prospecting
copper value (1.09% Cu). The anomaly
appears untested since there was no
trenching in the area, and no mention
of it in the assessment files.

Geology:

Exposure on the property ranges from
poor to good. The rocks observed were
intermediate to mafic tuffs, which also
appeared massive in places.
Agglomerates (some pregnant) and breccias
can be observed along the powerline
and due east on the property.
The property is bordered by a granite
intrusion to the east. Also there are two
small bodies of Gabbro on the powerline
which trend off the property to the west.
The iron formation appears very narrow
and discontinuous on surface and has
a general north-south trend. The iron
formation varies from lean to magnetite rich.

Geology

The majority of metal values come from the iron formation, but a couple of breccias which do not seem related to the iron formation, can carry a sulphide content of 5-10% (py, po).

Results

This summer's program consisted of;

- 1 grassroot prospecting
- 2 self potential survey
- 3 soil survey

Prospecting: Any heavy sulphide mineralization found during the course of the survey was usually found to be previously trenched or pitted. The results from these zones, trenches, pits etc tended to be anomalous in copper with minor zinc or lead, and though anomalous, no values came close to the 1% threshold.

From the prospecting program, one new anomaly was found that appears to be untested. The two anomalies in rock samples were 9874, 9881

	Cu ppm	Zn ppm	Pb ppm
9874	>10,000 or 1.09% Cu	510	680
9881	50	2240	1045

The mineralization appears related to a narrow iron formation trending north-south.

A line and a half of a self potential survey and a small soil survey was also run over this zone

Self Potential Survey: The purpose of the S.P. survey was to see if the S.P. survey could be successfully run over an old Cu showing underneath a major powerline. The survey consisted of two test lines underneath the powerline, and one and a half test lines across a new anomaly in the woods away from the powerline.

Line P₁: Line P₁ was orientated oblique to the powerline, so that geology would be cut at 90°. Also line P₁ gives a good cross-section of geology at surface.

The results proved very positive as can be seen from the S.P. map. There seems to be different backgrounds for rock types, and the survey seems to respond to the sulphide content (or graphite) in the iron formation.

Results: Line PL2 was orientated perpendicular to the powerline, with the geology oblique to the survey line. The purpose of this survey line was to see if the powerline affected the results. The results tend to show the powerline as having any negligible effect. The data appears to show changes in rock type, but does not show the iron formation as well as line PL1. This could be possibly due to lower sulphide or graphite content.

Line 3: Line 3 was run in the woods approx. 300 meters away from the powerline and over the only new anomaly found during the course of the prospecting survey. This area was also the location for my soil survey, covering a 109% copper anomaly in rock. The results of this test line proved positive, and picked up the narrow iron formation at surface.

The results from this test SP survey proved very positive, and showed the usefulness of this survey underneath a major powerline, or just as a useful exploration tool.

Line PL 1 100 meters long

Line PL 2 150 m

Line 3 300 m (200m + 100m)

All readings were taken at 5 meter intervals, or at 2.5 meter intervals for detail or large jumps in data.

Soil Survey: The purpose of the soil survey was to cover a 109% Cu (plus minor Zn, Pb) value in rock from a narrow iron formation. A total of 73 soil samples were taken and 2.75 km of line flagging. The results of the soil survey showed no strong soil anomalies or trends. A weak North-south trending ZINC anomaly can be seen with two spot highs of copper within the ZINC trend. The two exposures of iron formation observed on the grid are within the ZINC trend or on the edge. This survey was of a very close sample spacing 50m x 25 meters, and a more regional survey may show more trends, and hopefully more anomalies.

Bartlett Project

Recommendations.

From the prospecting program this summer one new untested anomaly was found which ran 1% copper to minor zinc and lead in rock. A soil survey was then run over this zone and found a weak but anomalous trend of zinc. The trend of this anomaly follows the general north-south trend of the local iron formation.

Further work is recommended in the form of detailed prospecting along the strike of this zone. Plus a regional mapping program of the claim group.

After the completion of the mapping program and a overall review of the property, a few short winkle drill holes could be recommended for the property. One target could be the copper showing on the powerline based on geology + the S.P. test lines, and any anomalies of warrant found during the prospecting and mapping program.

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Bartlett Project

Rock Sample Descriptions

Sample numbers for the Bartlett Project
are 9852 to 9889 inclusive.

9852. agglomerate? \angle to sub clasts, sporadic stain, 1% py (blebs)
claim 1150558 N. boundary, 285 m west of #1
- 9853 inter to mafic vol., sporadic stain \angle 1% py
claim 1150559 175 m. east of #4, 50' south of \mathcal{E}
- 9854 inter to mafic vol., sporadic rust $\bar{\omega}$ vugs of py.
claim 1150559, 200 m east of #4, 25' north of \mathcal{E}
- 9855 mafic vol., near contact to granodiorite, md mag, tr py
claim 1150560, approx 225 m south #1, 150' west of east \mathcal{E}
- 9856 well fol. mafic vol., 1% diss py.
claim 1150562
- 9857 sil felsic looking unit near I.F.
claim 1150561, near #2 on south boundary
- 9858 rotted I.F. $\bar{\omega}$ 1-2% coarse py
claim 1150561 18 m E of 9857, 30' North of \mathcal{E}
- 9859 mafic tuff? md grey, \angle 1% finely diss py
claim 1150565 N.W. corner
- 9860 light grey sil, felsic looking unit, 1% py, cooked?
claim 1150560, 35' north of 9855
- 9861 agglomerate? \angle to sub clast, sporadic stain + diss py
claim 1150558, 175' north of #2 + 75' west
- 9862 intermediate to sil looking unit, sporadic rust, 2% py
claim 1150558, 175' north of #2, 110' west
- 9863 qtz rich sect. of rotted I.F., tr py, cpy
claim 1150561, 50 m west of #2 on \mathcal{E}
- 9864 sil vol? cooked? \angle 1% py, tr pc, wk-mag
claim 1150563 mid south boundary, where X creek
- 9865 totally rusted unit (I.F.?), 2-3% finely diss. py
claim 1150563, same locate as 9864
- 9866 rotted I.F., heavy, veinlets, 50%+ pc, py, strong mag
claim 1150564, 200 m north of trenches on powerline
150 m due east of powerline.
- 9867 massive sulphides in I.F., 50-70% py, pc, tr cpy, strong mag
claim 1150564, same location as 9866
- 9868 lean I.F., muck?, 5% coarse py
claim 1150569, 30 m South of #4 on \mathcal{E}
- 9869 mafic vol., dark green, 2-3% py
claim 1150564, 100 m east of sulphide at 9866
- 9870 dk grey, fu gn., inter vol.? , 1% finely diss py.
claim 1150564, 150 m south of sulphide at 9866
- 9871 100' trench in rotted I.F., qtz rich sections, 1-2% py
claim 1150562, 168 m south of #4, approx 150 m due E
- 9872 100' trench in rotted I.F., 2-3% py
claim 1150562, same location as 9871
- 9873 re-sample of pit on powerline which ran 0.60% Cu
(run for Au) 50% sulphide Claim 1150564.
- 9874 sil to rotted I.F., 3% sulphide tr \angle 1% cpy.
claim 1150561, 75' South of #1

Bartlett Project
Rock Sample Descriptions

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- 9875 rotted I.F., dull green sects, wk mag, 3% py, po, cpy
claim 1150559, 75' North of #3 + 20' east
- 9876 30'x4'x4' trench, sample south wall, I.F., 20-30% po, py, tr cpy
claim 1150569, 23m south of #4
- 9877 30'x4'x4' trench, sample north wall, I.F., 20-30% po, py, tr cpy
claim 1150569, same as 9876.
- 9878 rotted I.F., 10% py, po
claim 1150567, 225m east of #4, 30m north
- 9879 float on insitu, lean I.F., 5% py
miss labelled as 9875, claim 1150568 on powerline.
- 9880 rotted I.F., 10% py, 1% po blebs.
miss labelled as 9888, claim 1150569, 205m east #3, 20m south
- 9881 I.F., md grey, hard, heavy, 1% py, po to galena, cpy
claim 1150559, 75' north of #3, 20' east
- 9882 back rotted I.F., non-mag, 10-15% finely diss
grey mineral claim 1150558, 125' north of #2
- 9883 inter vol? w dime size blebs of py, 1-2%.
claim 1150558, 20' north of #2 + 40' west
- 9884 inter vol? in contact w gabbro, md rust, to po, cpy
claim 1150568 on powerline
- 9885 rotted magnetite I.F., 50% magnetite
claim 1150569, 40m south of #4, 10m east
- 9886 looks like breccia in contact w I.F., L' frags, 30% py to po, cpy
claim 1150569, same location as 9885
- 9887 mafic vol, strongly rusted, 2-5% py
claim 1150569, 205m east of #3, 30m south

-samples 9888 + 9889 are from McArthur Twp, the
next township north of Bartlett
-the samples are taken from a roadcut on
Papakomeka road, which provides access to Timmins.

- 9888 gtz stockwork across 50', 1/2" - 8" veins
-rusty sections with tr py.
- 9889 sample of ball gtz from zone
-host sil



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CERTIFICATE OF ANALYSIS A9221822

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
	FA+AA																				
9852	205	226	< 5	1.0	2.62	24	20	< 0.5	< 2	0.96	< 0.5	95	57	313	7.43	10	1	< 0.01	< 10	1.69	1405
9853	205	226	< 5	0.6	3.24	< 2	90	< 0.5	< 2	2.35	< 0.5	23	60	41	6.69	10	< 1	0.23	< 10	1.65	1250
9854	205	226	125	1.8	4.59	52	30	< 0.5	< 2	1.53	< 0.5	22	71	114	14.20	20	< 1	0.10	< 10	2.40	1515
9855	205	226	< 5	0.6	1.15	< 2	20	< 0.5	< 2	1.13	< 0.5	5	317	254	4.23	< 10	< 1	< 0.01	< 10	0.53	1700
9856	205	226	< 5	1.2	2.96	2	20	< 0.5	< 2	0.68	< 0.5	14	140	18	8.21	10	< 1	0.08	10	0.77	1680
9857	205	226	< 5	0.6	2.09	6	60	< 0.5	< 2	1.45	< 0.5	29	61	80	3.37	10	< 1	0.69	10	0.52	385
9858	205	226	< 5	1.8	4.00	26	20	< 0.5	< 2	0.07	< 0.5	13	132	288	>15.00	20	< 1	0.05	< 10	0.90	845
9859	205	226	145	0.4	2.21	< 2	100	< 0.5	< 2	1.38	< 0.5	13	31	150	2.61	10	< 1	0.66	10	0.64	415
9860	205	226	< 5	0.4	2.73	< 2	60	< 0.5	< 2	3.59	< 0.5	16	53	47	3.49	< 10	< 1	0.31	< 10	1.16	640
9861	205	226	< 5	1.0	4.47	< 2	30	< 0.5	< 2	1.45	< 0.5	18	143	37	11.30	20	< 1	0.03	< 10	2.07	2420
9862	205	226	30	1.6	2.33	42	60	< 0.5	< 2	0.76	2.0	61	56	170	8.40	10	< 1	0.12	10	1.08	620
9863	205	226	95	0.6	3.88	< 2	30	< 0.5	< 2	3.86	< 0.5	43	53	107	10.65	10	< 1	0.07	< 10	2.20	1580
9864	205	226	< 5	1.2	3.94	< 2	70	< 0.5	< 2	0.87	< 0.5	13	75	111	7.64	10	< 1	0.32	10	1.48	1415
9865	205	226	< 5	0.6	2.10	6	80	< 0.5	< 2	0.98	< 0.5	16	65	11	4.21	< 10	< 1	0.44	10	1.00	470
9868	205	226	< 5	1.8	2.87	< 2	10	< 0.5	< 2	0.17	< 0.5	67	51	1220	>15.00	10	< 1	0.04	< 10	1.18	340
9869	205	226	< 5	< 0.2	1.24	80	10	< 0.5	< 2	0.58	< 0.5	67	32	112	>15.00	< 10	< 1	< 0.01	< 10	1.37	>10000
9870	205	226	50	0.8	1.19	< 2	20	< 0.5	< 2	1.20	0.5	23	28	203	5.97	< 10	< 1	0.13	10	0.71	1155
9871	205	226	15	2.0	2.96	6	20	< 0.5	< 2	0.06	0.5	38	289	400	12.45	20	< 1	0.12	< 10	0.77	380
9872	205	226	10	1.8	1.41	2	< 10	< 0.5	< 2	0.08	< 0.5	10	194	99	14.25	10	< 1	< 0.01	< 10	0.35	3470
9874	205	226	< 5	14.4	2.64	102	< 10	< 0.5	2	0.22	5.5	15	185	>10000	9.12	10	< 1	0.01	10	1.17	1135
9875	205	226	< 5	1.2	4.69	< 2	10	< 0.5	< 2	1.91	1.0	17	80	127	>15.00	20	< 1	< 0.01	< 10	1.47	3640
9878	205	226	20	1.2	5.15	< 2	40	< 0.5	< 2	2.07	< 0.5	12	46	216	12.50	10	< 1	0.58	< 10	2.48	2410
9879	205	226	< 5	0.8	2.86	< 2	10	< 0.5	< 2	1.07	< 0.5	24	114	219	6.94	< 10	< 1	0.01	< 10	1.96	985
9880	205	226	< 5	1.8	3.16	< 2	30	< 0.5	< 2	0.73	< 0.5	23	80	94	12.20	20	< 1	0.18	10	2.34	2130
9881	205	226	< 5	2.0	4.58	34	< 10	< 0.5	< 2	4.01	36.5	26	42	50	12.50	10	< 1	< 0.01	< 10	1.43	3500
9882	205	226	< 5	3.8	1.37	< 2	< 10	< 0.5	< 2	0.47	< 0.5	25	115	26	>15.00	20	1	0.01	10	0.46	>10000
9883	205	226	< 5	1.4	4.68	< 2	10	< 0.5	< 2	2.75	< 0.5	33	33	21	13.05	20	< 1	0.04	< 10	1.72	4840
9884	205	226	10	1.2	2.92	10	< 10	< 0.5	< 2	0.73	< 0.5	39	120	569	7.45	< 10	< 1	< 0.01	< 10	2.12	3760
9887	205	226	< 5	1.0	2.65	< 2	40	< 0.5	< 2	0.63	< 0.5	20	93	22	7.89	10	< 1	0.23	10	1.96	1825
9888	205	226	< 5	0.4	0.44	< 2	< 10	< 0.5	< 2	0.44	< 0.5	11	331	71	2.39	< 10	< 1	< 0.01	< 10	0.33	650
9889	205	226	< 5	0.2	0.42	< 2	< 10	< 0.5	< 2	0.32	< 0.5	3	484	16	1.24	< 10	< 1	< 0.01	< 10	0.34	190

CERTIFICATION: *Jhai D Ma*



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Account :KHN

CERTIFICATE OF ANALYSIS

A9221822

SAMPLE	PREP CODE	Mo	Na	Mi	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
9852	205 226	< 1	0.03	386	140	6	2	9	14	0.03	< 10	< 10	121	10	186
9853	205 226	< 1	0.06	27	550	8	< 2	7	86	0.01	< 10	< 10	47	10	74
9854	205 226	8	0.01	28	420	14	4	7	51	< 0.01	< 10	10	42	30	134
9855	205 226	1	0.01	14	190	2	< 2	3	16	< 0.01	< 10	< 10	14	< 10	60
9856	205 226	< 1	< 0.01	27	430	12	< 2	3	10	0.02	< 10	< 10	22	< 10	122
9857	205 226	2	0.05	26	620	6	2	4	40	< 0.01	< 10	< 10	26	< 10	38
9858	205 226	1	< 0.01	13	410	4	< 2	6	4	0.02	< 10	10	33	< 10	94
9859	205 226	1	0.09	20	660	28	< 2	3	41	< 0.01	< 10	< 10	17	< 10	180
9860	205 226	< 1	0.07	22	660	4	2	7	117	0.18	< 10	< 10	35	10	60
9861	205 226	< 1	0.01	43	440	26	< 2	8	24	0.01	< 10	< 10	47	10	94
9862	205 226	11	0.03	41	450	16	< 2	6	37	0.11	< 10	< 10	32	10	328
9863	205 226	< 1	0.01	48	530	4	2	26	102	0.03	< 10	< 10	264	20	150
9864	205 226	< 1	0.02	13	430	6	2	5	79	0.17	< 10	< 10	34	10	80
9865	205 226	< 1	0.09	16	580	8	< 2	6	30	0.16	< 10	< 10	30	< 10	38
9868	205 226	< 1	0.02	32	320	6	< 2	8	3	0.08	< 10	10	49	< 10	34
9869	205 226	< 1	< 0.01	53	320	< 2	< 2	4	17	< 0.01	< 10	< 10	17	< 10	50
9870	205 226	1	0.03	27	550	16	< 2	1	22	0.01	< 10	< 10	8	10	402
9871	205 226	1	0.01	26	310	14	2	5	2	< 0.01	< 10	< 10	20	< 10	448
9872	205 226	2	< 0.01	20	100	4	< 2	3	3	0.02	< 10	10	28	< 10	162
9874	205 226	2	0.08	18	490	680	< 2	7	3	0.10	< 10	< 10	43	20	510
9875	205 226	< 1	< 0.01	27	340	24	< 2	10	35	0.04	< 10	< 10	33	30	308
9878	205 226	< 1	< 0.01	22	430	22	< 2	9	25	0.20	< 10	< 10	49	30	154
9879	205 226	< 1	0.09	21	330	8	2	9	15	0.28	< 10	< 10	75	10	76
9880	205 226	< 1	0.04	17	500	10	< 2	5	21	0.18	< 10	< 10	53	10	98
9881	205 226	< 1	< 0.01	51	320	1045	< 2	11	34	0.02	< 10	< 10	35	40	2240
9882	205 226	< 1	< 0.01	48	190	22	< 2	13	23	0.02	< 10	20	28	10	88
9883	205 226	< 1	< 0.01	45	350	32	< 2	11	33	0.02	< 10	10	26	30	134
9884	205 226	< 1	0.04	54	230	4	2	9	10	0.31	< 10	< 10	109	10	70
9887	205 226	< 1	0.05	21	400	6	< 2	4	24	0.15	< 10	< 10	43	10	100
9888	205 226	1	0.02	46	30	4	< 2	2	4	0.03	< 10	< 10	28	< 10	16
9889	205 226	< 1	0.03	22	60	< 2	< 2	1	4	0.02	< 10	< 10	14	< 10	14

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SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
	FA+AA																				
9866	205	226	55	< 0.2	1.49	< 2	10	< 0.5	10	0.14	< 0.5	186	28	322	>15.00	< 10	< 1	0.01	< 10	0.67	4630
9867	205	226	40	< 0.2	1.51	< 2	< 10	< 0.5	< 2	0.11	< 0.5	254	17	866	>15.00	< 10	< 1	< 0.01	< 10	0.43	2100
9873	205	226	20	< 0.2	2.78	20	60	< 0.5	< 2	0.12	< 0.5	293	48	4580	>15.00	< 10	< 1	0.13	< 10	0.91	570
9876	205	226	15	< 0.2	2.78	< 2	< 10	< 0.5	2	0.17	< 0.5	204	53	1755	>15.00	< 10	< 1	0.03	< 10	1.03	360
9877	205	226	20	< 0.2	3.09	< 2	< 10	< 0.5	< 2	0.21	< 0.5	214	31	3310	>15.00	< 10	< 1	0.01	< 10	1.29	395
9885	205	226	< 5	< 0.2	0.70	< 2	50	< 0.5	10	0.51	< 0.5	12	44	152	>15.00	< 10	< 1	0.13	20	0.35	250
9886	205	226	15	< 0.2	2.75	< 2	150	< 0.5	2	0.19	< 0.5	441	70	3420	>15.00	< 10	< 1	0.10	< 10	1.03	860

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Chemex Labs Ltd.

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5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: HEALEY, DAVID **
607 UPPER SHERMAN AVE.
HAMILTON, ON
L8V 3M3

Project: OPAP
Comments:

Page Number :1-B
Total Pages :1
Certificate Date: 30-SEP-92
Invoice No. :19221825
P.O. Number :
Account :KHN

CERTIFICATE OF ANALYSIS A9221825

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
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9867	205	226	5	0.02	189	< 10	24	< 2	3	2	0.01	< 10	< 10	< 1	< 50	66
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9877	205	226	3	0.02	83	430	46	< 2	8	2	0.09	< 10	< 10	44	< 50	54
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9886	205	226	6	0.02	83	250	54	2	7	10	0.10	< 10	< 10	22	< 50	98

CERTIFICATION:

Yhai D Ma



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: HEALEY, DAVID

607 UPPER SHERMAN AVE.
HAMILTON, ON
L8V 3M3

Project: OPAP
Comments: ATTN: D. HEALEY

Page Number :1
Total Pages :1
Certificate Date: 31-OCT-92
Invoice No. :19223820
P.O. Number :
Account :KHN

CERTIFICATE OF ANALYSIS

A9223820

SAMPLE	PREP CODE	Cu %										
9874	214 --	1.09										

CERTIFICATION:

Hart Buchler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: HEALEY, DAVID
607 UPPER SHERMAN AVE.
HAMILTON, ON
L8V 3M3

Project: BARTLETT
Comments:

Page Number : 1
Total Fees : 2
Certificate Date: 14-OCT-92
Invoice No. : 19222393
P.O. Number :
Account : KHN

CERTIFICATE OF ANALYSIS A9222393

SAMPLE	PREP CODE	As ppm	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm
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03	201 229	4	< 0.5	7	9	1.25	105	< 1	44	4	30
04	201 229	4	< 0.5	4	4	1.21	80	< 1	14	4	20
05	201 229	4	< 0.5	7	11	1.48	135	< 1	28	6	50
06	201 229	4	< 0.5	6	7	1.50	165	< 1	24	4	56
07	201 229	2	< 0.5	3	11	1.01	55	< 1	17	6	20
08	201 229	2	< 0.5	4	27	3.95	190	< 1	12	4	62
09	201 229	4	< 0.5	8	18	2.35	95	< 1	31	8	62
10	201 229	4	< 0.5	5	7	1.91	75	< 1	23	4	68
11	201 229	2	< 0.5	6	8	1.34	180	< 1	24	4	40
12	201 229	4	< 0.5	6	7	1.62	115	< 1	22	4	26
13	201 229	2	< 0.5	7	10	1.87	130	< 1	48	4	52
14	201 229	6	< 0.5	10	19	3.76	185	< 1	24	4	84
15	201 229	4	< 0.5	6	8	1.60	150	< 1	23	4	68
16	201 229	4	< 0.5	4	4	1.50	80	< 1	27	8	52
17	201 229	2	< 0.5	4	8	1.18	100	< 1	22	2	26
18	201 229	2	< 0.5	7	16	3.66	165	< 1	21	8	82
19	201 229	4	< 0.5	9	9	2.25	120	< 1	52	6	70
20	201 229	4	< 0.5	5	5	1.31	100	< 1	29	2	24
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29	201 229	2	< 0.5	11	24	2.13	130	< 1	42	14	56
30	201 229	2	< 0.5	8	15	2.52	180	< 1	41	6	72
31	201 229	2	< 0.5	8	10	1.77	205	< 1	37	8	52
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37	201 229	2	< 0.5	7	4	1.62	115	< 1	20	6	22
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39	201 229	4	< 0.5	5	10	1.86	70	< 1	19	4	30
40	201 229	4	< 0.5	8	18	2.89	120	< 1	33	10	58

CERTIFICATION: *Phai D Ma*

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Ontario, Canada L4W 2S3
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HEALEY, DAVID

607 UPPER SHERMAN AVE.
HAMILTON, ON
L8V 3M3

Project: BARTLETT
Comments:

Page No. : 2
Total Pages : 2
Certificate Date: 14-OCT-92
Invoice No. : 19222393
P.O. Number :
Account : KHN

CERTIFICATE OF ANALYSIS A9222393

SAMPLE	PREP CODE	As ppm	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm
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42	201 229	1	< 0.5	2	4	1.82	55	< 1	9	6	20
43	201 229	4	< 0.5	6	8	2.84	185	< 1	20	6	48
44	201 229	4	< 0.5	5	3	1.87	100	< 1	23	6	44
45	201 229	2	< 0.5	7	17	1.69	85	< 1	35	10	40
46	201 229	1	< 0.5	9	16	2.23	140	< 1	38	8	42
47	201 229	4	< 0.5	8	10	1.55	135	< 1	42	6	42
48	201 229	1	< 0.5	7	13	1.37	120	< 1	26	4	54
49	201 229	2	< 0.5	6	7	1.38	95	< 1	28	4	28
50	201 229	1	< 0.5	10	10	2.20	100	< 1	37	6	28
51	201 229	2	< 0.5	10	8	2.07	140	< 1	33	8	26
52	201 229	2	< 0.5	7	4	2.09	105	< 1	22	4	26
53	201 229	1	< 0.5	6	7	2.27	105	< 1	20	6	28
54	201 229	4	< 0.5	8	66	1.46	140	< 1	38	24	74
55	201 229	2	< 0.5	4	9	1.48	195	< 1	12	18	94
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60	201 229	1	< 0.5	11	10	1.99	135	< 1	42	6	26
61	201 229	2	< 0.5	4	10	1.66	60	< 1	22	4	26
62	201 229	4	< 0.5	6	8	2.25	70	< 1	27	6	26
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66	201 229	1	< 0.5	27	65	6.00	595	< 1	13	2	134
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68	201 229	1	< 0.5	6	11	1.58	150	< 1	28	10	52
69	201 229	2	< 0.5	13	18	2.22	115	< 1	54	14	62
70	201 229	4	< 0.5	7	23	3.42	115	< 1	29	8	62
71	201 229	2	< 0.5	7	22	2.39	80	< 1	32	2	36
72	201 229	2	< 0.5	6	17	1.71	65	< 1	28	4	32
73	201 229	1	< 0.5	4	24	2.84	90	< 1	16	6	60

CERTIFICATION:

ghai D Ma

71

McArthur Tp - M. 290

THE TOWNSHIP OF

BARTLETT

DISTRICT OF
TIMISKAMING

MINING DIVISION

SCALE: 1 INCH = 40 CHAINS

LEGEND

- INTENDED LAND (C)
- CROWN LAND SALE C.S.
- LEASES (L)
- REGISTERED INTERESTS (R)
- MINING RIGHTS ONLY S.R.O.
- ROADS (R)
- IMPROVED ROADS (R)
- KING'S HIGHWAYS (R)
- RAILWAYS (R)
- POWER LINES (R)
- MAJOR OR MINOR DRAINAGE (R)
- WELLED (R)
- PROPOSED S.R.O. (R)

NOTE

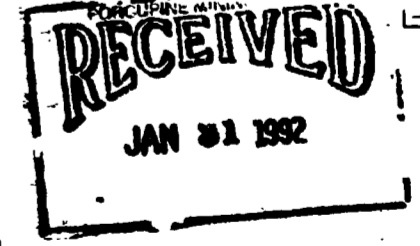
(F) THIS TWP. IS SUBJECT TO FOREST ACTIVITIES IN 1991/92. FURTHER INFORMATION AVAILABLE ON FILE.
 (R) THIS TWP. SUBJECT TO FOREST ACTIVITIES IN 1992/93. FURTHER INFORMATION ON FILE.

Reserve on along shores of all lakes and rivers

AREAS WITHDRAWN FROM DISPOSITION

DESCRIPTION	ORDER NO.	DATE	DISPOSITION	FILE
(R)	W 19/77	01/4/78	S.R.O.	88543
(R)	W 19/77	1/3/77	S.R.O.	17408
(R)	GRAVEL RESERVE, M.N.R.			

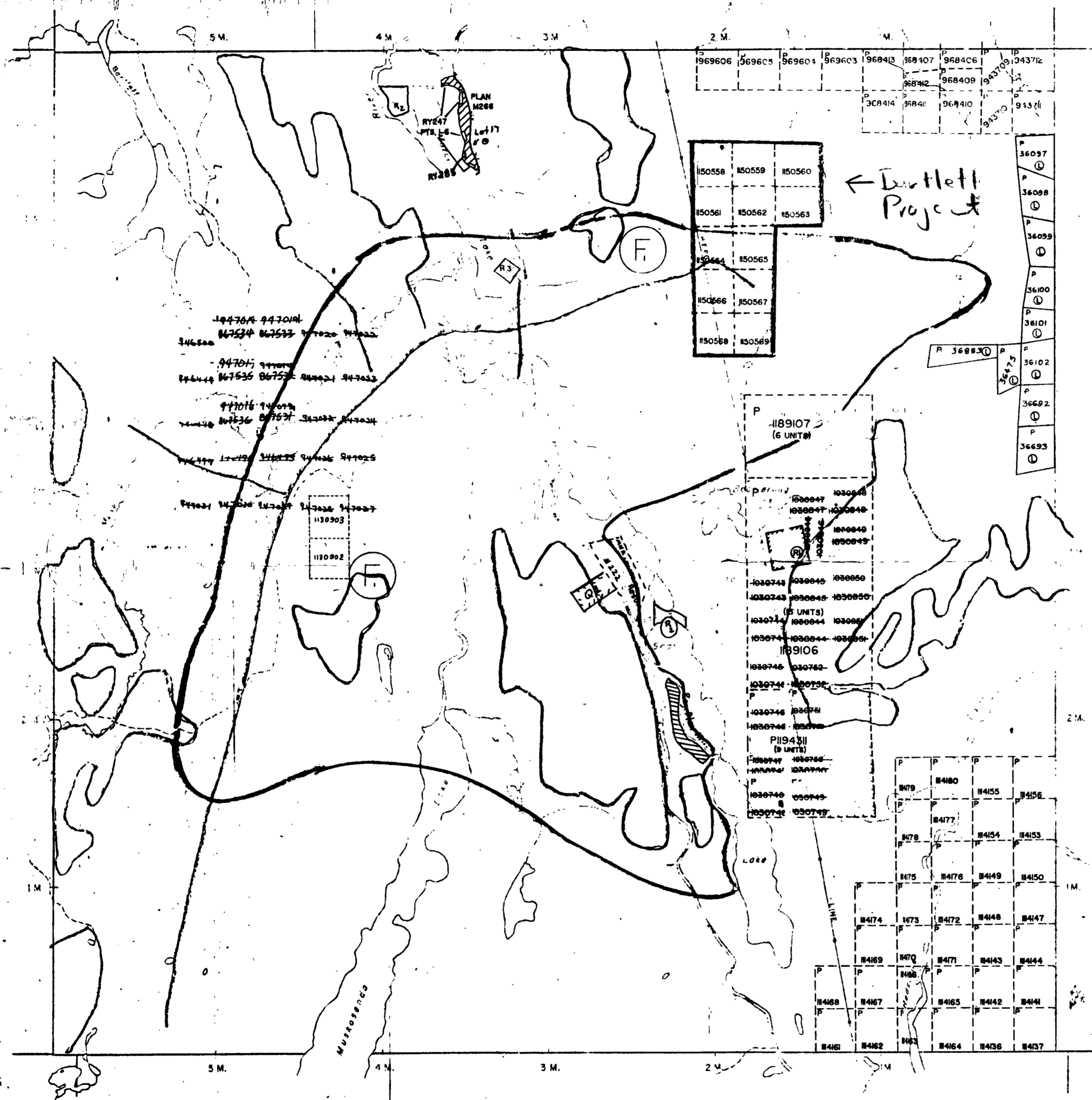
(C) PROPOSED GRAVEL PERMIT AREA JUNE 25/86



Received July 2/86
 Checked July 2/86 LP HR

PLAN NO. 11-232

ONTARIO
 MINISTRY OF NATURAL RESOURCES
 SURVEYS AND MAPPING BRANCH



English Tp. - M. 787

OP92-162

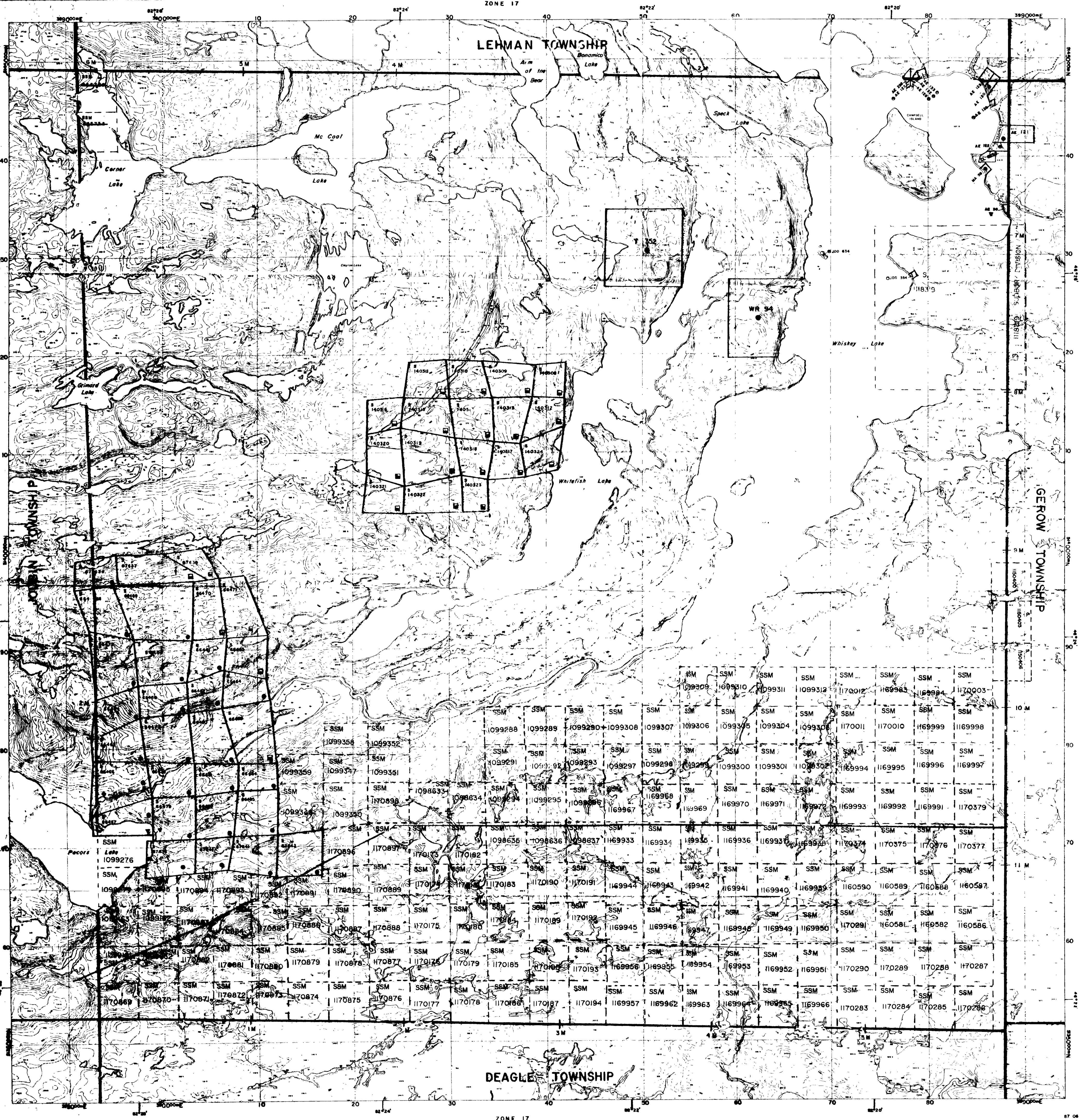
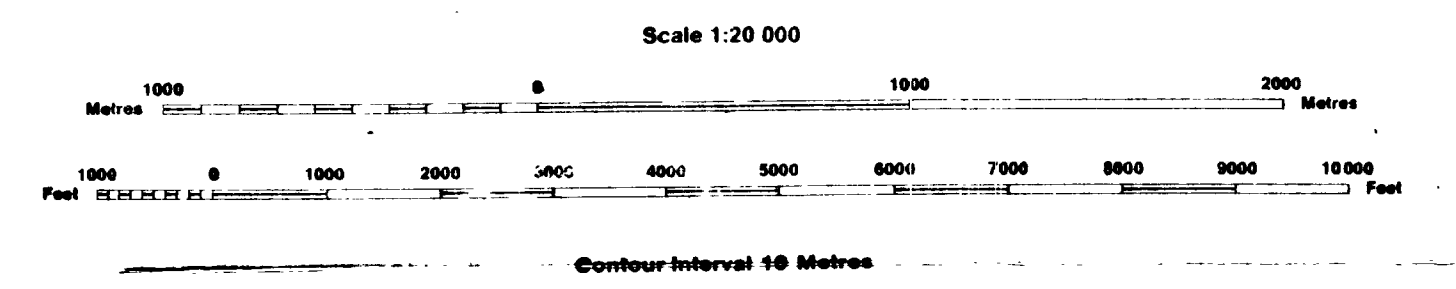


INDEX TO LAND DISPOSITION

PLAN
G-2960
 TOWNSHIP

M.N.R. ADMINISTRATIVE DISTRICT
ESPANOLA
 MINING DIVISION
SAULT STE. MARIE
 LAND TITLES/REGISTRY DIVISION
ALGOMA

GAIASHK



AREAS WITHDRAWN FROM DISPOSITION

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

SYMBOLS

Description	Order No.	Date	Disposition	File
Boundary				
Township, Meridian, Baseline				
Road allowance, surveyed, shoreline				
Lot/Concession, surveyed, unsurveyed				
Parcel, surveyed, unsurveyed				
Highway, 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, township, 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	◻
License of Occupation	▼
Order-in-Council	OC
Cancelled	⊙
Reservation	⊖
Sand & Gravel	⊕

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 1974 Survey of Bear River
 Approx. 6 W. 100' x 100' (approx.)
 (increasing)

RECEIVED
 1974 JUN 11 11 30 AM
 P.M.

Map base and land disposition drafting by Surveys and Mapping Branch, Ministry of Natural Resources.

The disposition of land, location of lot fabric and parcel boundaries on this index was compiled for administrative purposes only.



INDEX TO LAND DISPOSITION

Rd connects with Hwy 553
 Plan Property Access Rd.

G-2960

TOWNSHIP

GAIASHK

Project Whiskey
 NOSE

M.N.R. ADMINISTRATIVE DISTRICT

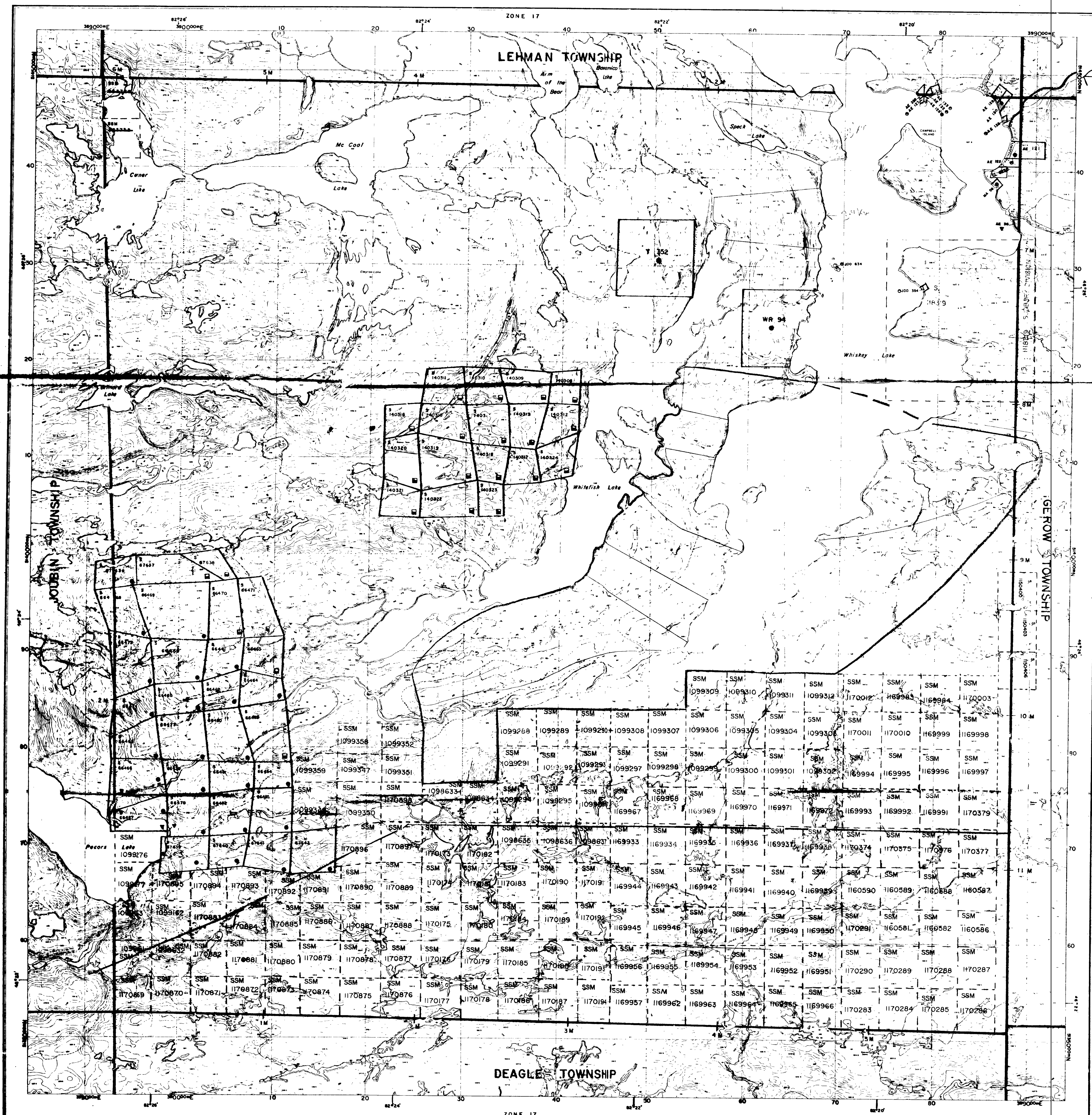
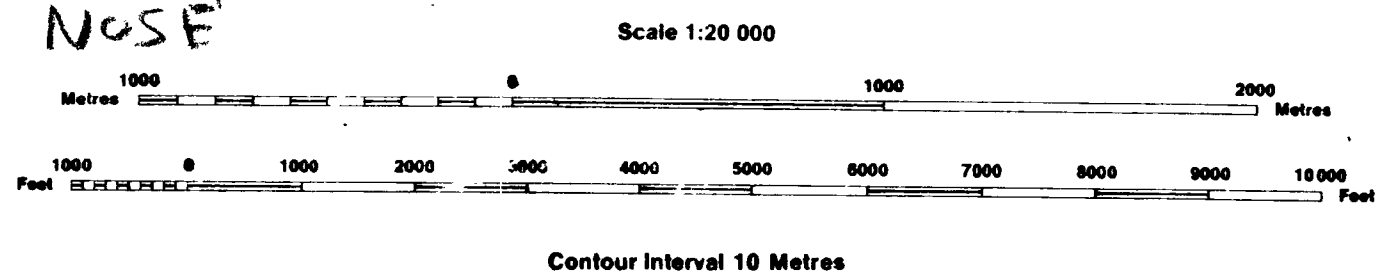
ESPANOLA

MINING DIVISION

SAULT STE. MARIE

LAND TITLES/REGISTRY DIVISION

ALGOMA



AREAS WITHDRAWN FROM DISPOSITION

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

SYMBOLS

- Boundary
- Township Median, Baseline
- Road allowance, surveyed
- shoreline
- Lot/Concession, surveyed
- unsurveyed
- Parcel, surveyed
- unsurveyed
- right-of-way, road
- railway
- utility
- Reservation
- Chk, Pit, Pie
- Contour
- Interpolated
- Approximate
- Depressi
- Control point (horizontal)
- Flooded land
- Mine head frame
- Pipeline (above ground)
- Railway, single track
- double track
- abandoned
- Road, highway, county, township
- access
- trail, bush
- Shoreline (original)
- Transmission line
- Wooded area

Target area for
 Project Whiskey

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

THE INFORMATION
 APPEARS ON THIS
 HAS BEEN COMPILED
 FROM VARIOUS SOURCES
 AND ACCURACY IS
 GUARANTEED TO
 WISHING TO STAKE
 CLAIMS SHOULD
 CONSULT WITH THE
 RECORDER, MINISTRY
 OF NORTHERN DEVELOPMENT
 AND MINES, FOR
 ADDITIONAL INFORMATION
 ON THE STATUS OF
 LANDS SHOWN HEREON

0092-162

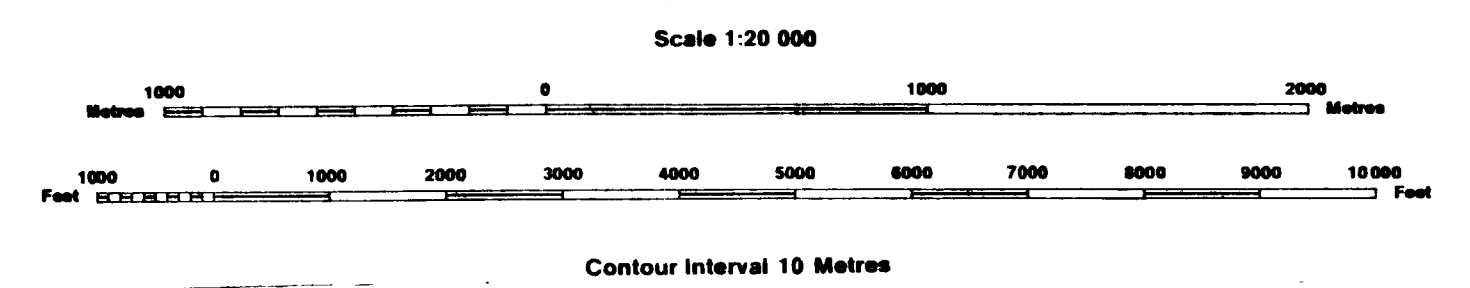
1170012
 1169993
 A.M.
 1170012



INDEX TO LAND DISPOSITION

PLAN
G-2969
 TOWNSHIP
LEHMAN

M.N.R. ADMINISTRATIVE DISTRICT
BLIND RIVER
 MINING DIVISION
SAULT STE. MARIE
 LAND TITLES/REGISTRY DIVISION
ALGOMA



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, township	—
access	—
trail, bush	—
Shoreline (original)	—
Transmission line	—
Wooded area	—
(LTD)	LAND USE PERMIT

AREAS WITHDRAWN FROM DISPOSITION

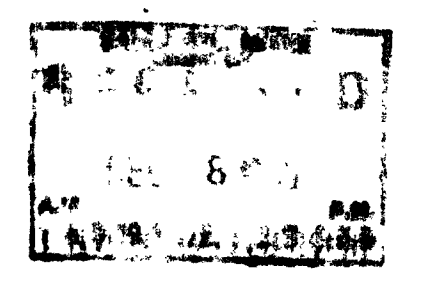
MRO - Mining Rights Only
 SRO - Surface Rights Only
 M + S - Mining and Surface Rights

Description	Order No.	Date	Disposition	File

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	○

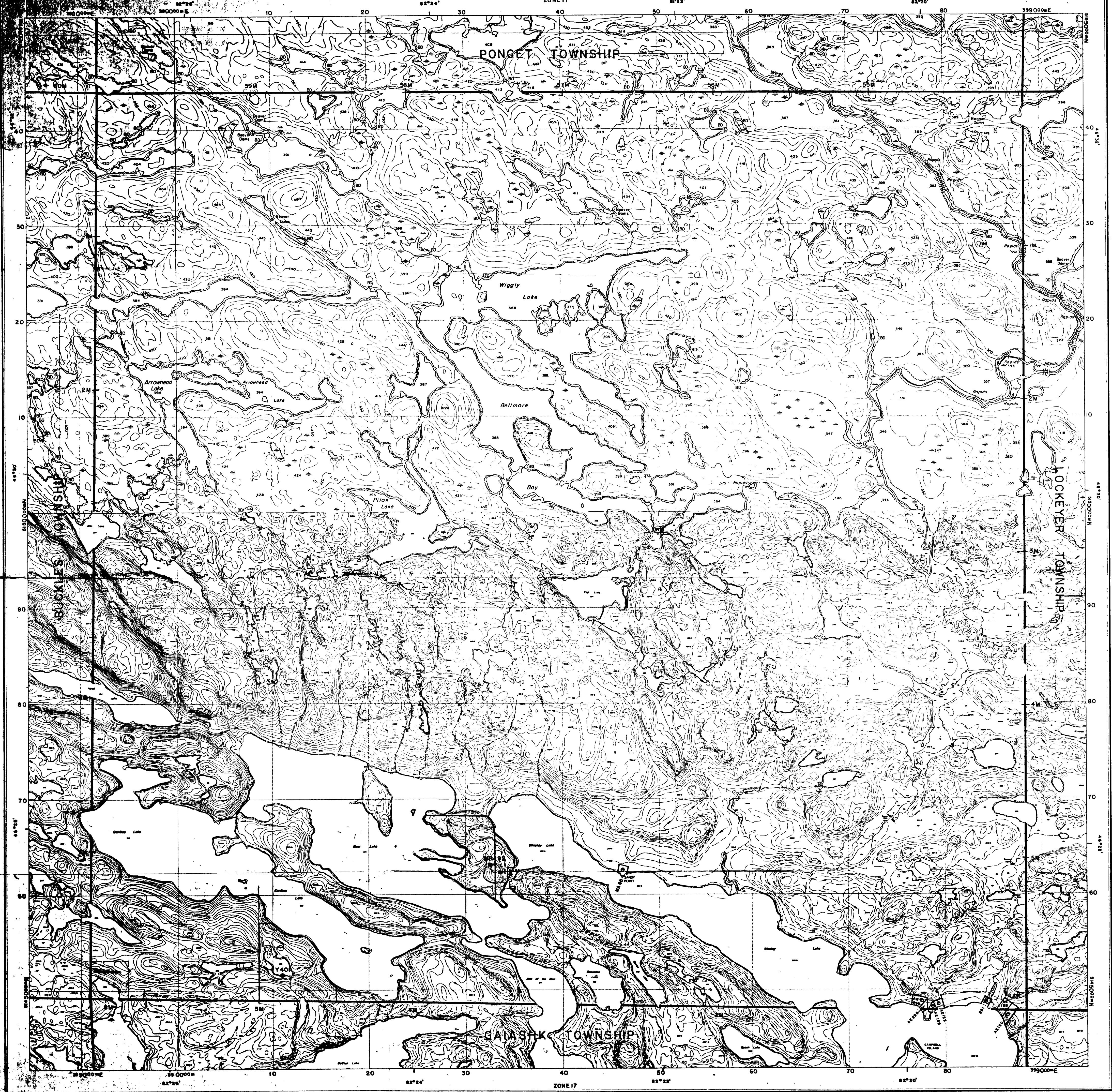
The 1975 Magnetic Bearing
 Approx. 62° Annual Change
 Increasing 01



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.

Map base and land disposition drafted by Surveys and Mapping Branch, Ministry of Natural Resources.

The disposition of land, location of lot fabric and parcel boundaries on this index was compiled for administrative purposes only.



G-3306

NICHOLAS TWP

G-3306



Ministry of Natural Resources / Ministry of Northern Development and Mines

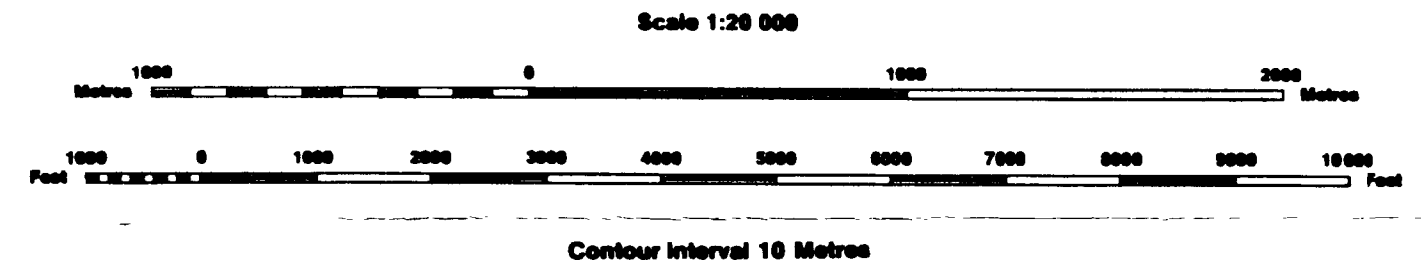
INDEX TO LAND DISPOSITION

PLAN G-3306 TOWNSHIP

M.N.R. ADMINISTRATIVE DISTRICT BLIND RIVER MINING DIVISION SAULT STE. MARIE LAND TITLES/REGISTRY DIVISION ALGOMA

NICHOLAS

Nicholas Twp



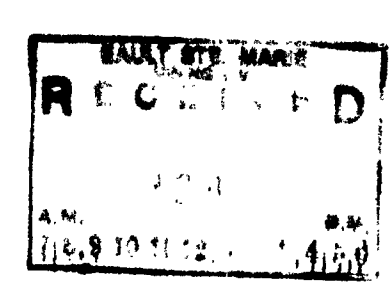
SYMBOLS table with various symbols for boundaries, roads, railways, and land features.

NOTES: MINING AND SURFACE RIGHT OF MINING CLAIM 55M 98825 IS OPEN FOR PROSPECTING AND STAKING...

DISPOSITION OF CROWN LANDS

DISPOSITION OF CROWN LANDS table with symbols for Patent, Lease, Licence of Occupation, etc.

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES AND ACCURACY IS NOT GUARANTEED...



Map base and land disposition drafting by Surveys and Mapping Branch, Ministry of Natural Resources.



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, township	—————
access	—————
trail, bush	—————
Shoreline (original)	—————
Transmission line	—————
Wooded area	—————

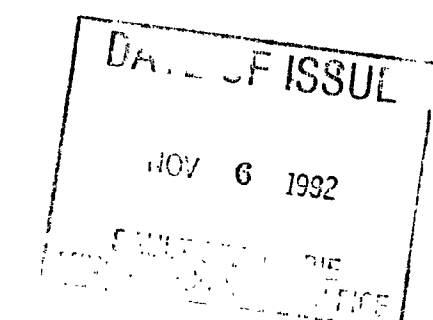
DISPOSITION OF CROWN LANDS

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

AREAS WITHDRAWN FROM DISPOSITION

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

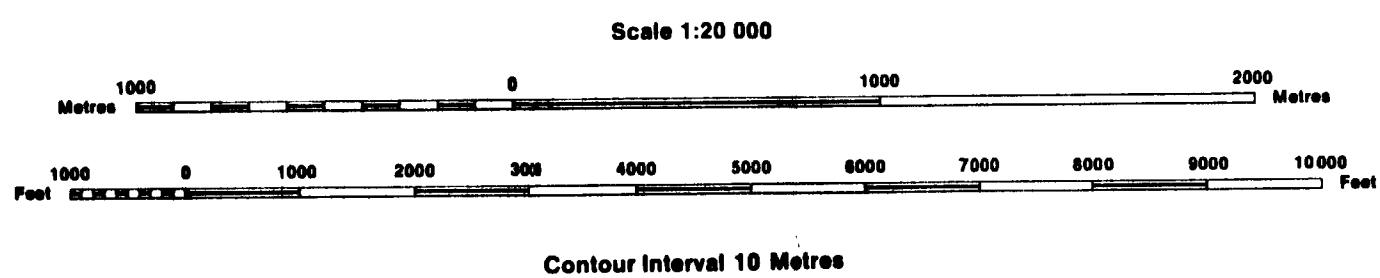
Description	Order No.	Date	Disposition
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INDEX TO LAND DISPOSITION

PLAN
G-3314
 TOWNSHIP
POULIN

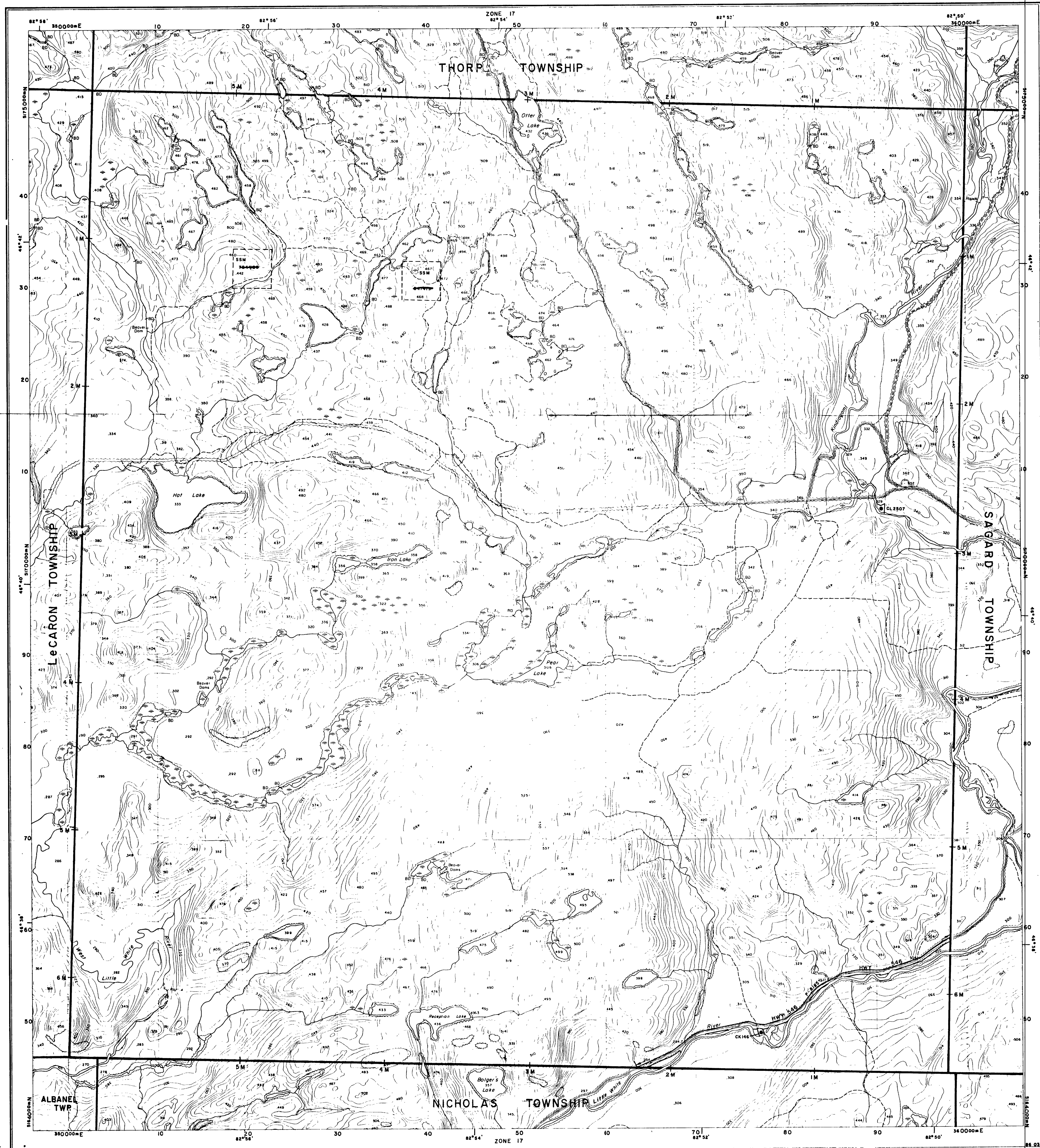
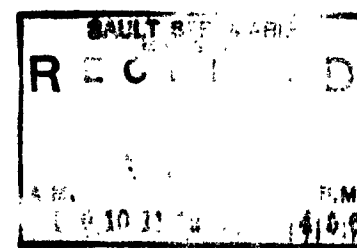
M.N.R. ADMINISTRATIVE DISTRICT
BLIND RIVER
 MINING DIVISION
SAULT STE. MARIE
 LAND TITLES/REGISTRY DIVISION
ALGOMA



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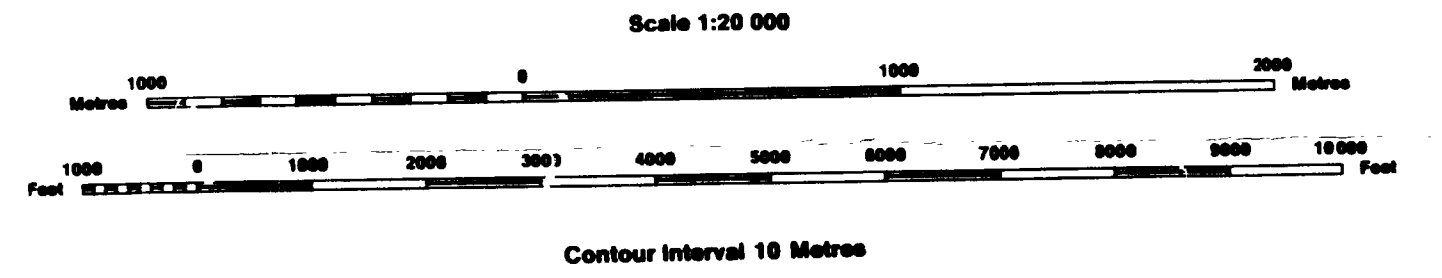


INDEX TO LAND DISPOSITION

PLAN
 G-3316 Raimbault Twp

RAIMBAULT

M.N.R. ADMINISTRATIVE DISTRICT
 BLIND RIVER
 MINING DIVISION
 SAULT STE. MARIE
 LAND TITLES/REGISTRY DIVISION
 ALGOMA



AREAS WITHDRAWN FROM DISPOSITION

Description	Order No.	Date	Disposition	File
SEC. 34/70	N 2/80	05/5/12	M.N.R.	

SYMBOLS

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

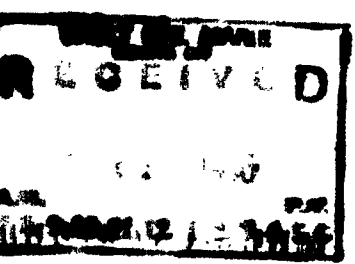
DISPOSITION OF CROWN LANDS

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	.....

NOTES:
 MINING AND SURFACE RIGHTS COVERING MINING CLAIM
 SSM 08825 IS OPEN FOR PROSPECTING, STAKING, SALE,
 OR LEASE AT 7:00 AM STANDARD TIME ON JUNE 1, 1987
 ONTARIO GAZETTE DATED MAY 2, 1987.

PROSPECTING RIGHTS UNDER PUBLIC LANDS ACT
 DATED 1987
 Application cancelled - 8/24/87 (C.R. Galt - 10/1/87)

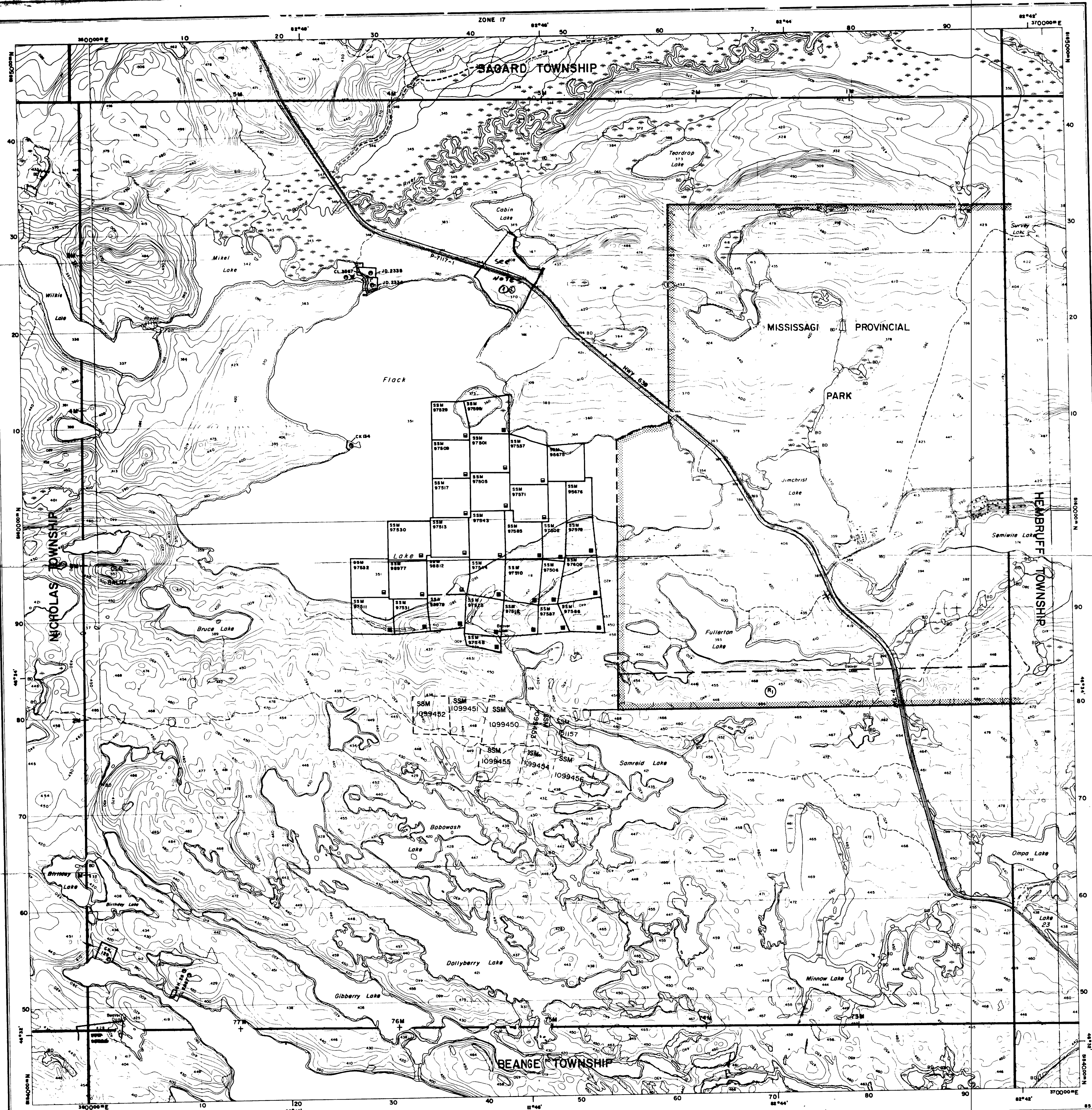
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 ING CLAIMS SHOULD CON-
 SULT WITH THE MINING
 RECORDER, MINISTRY OF
 NORTHERN DEVELOP-
 MENT AND MINES, FOR AD-
 DITIONAL INFORMATION
 ON THE STATUS OF THE
 LANDS SHOWN HEREON.



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RAIMBAULT TWP

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INDEX TO LAND DISPOSITION

PLAN
G-3322
 TOWNSHIP
SAGARD

M.N.R. ADMINISTRATIVE DISTRICT
BLIND RIVER
 MINING DIVISION
SAULT STE. MARIE
 LAND TITLES/REGISTRY DIVISION
ALGOMA

SYMBOLS

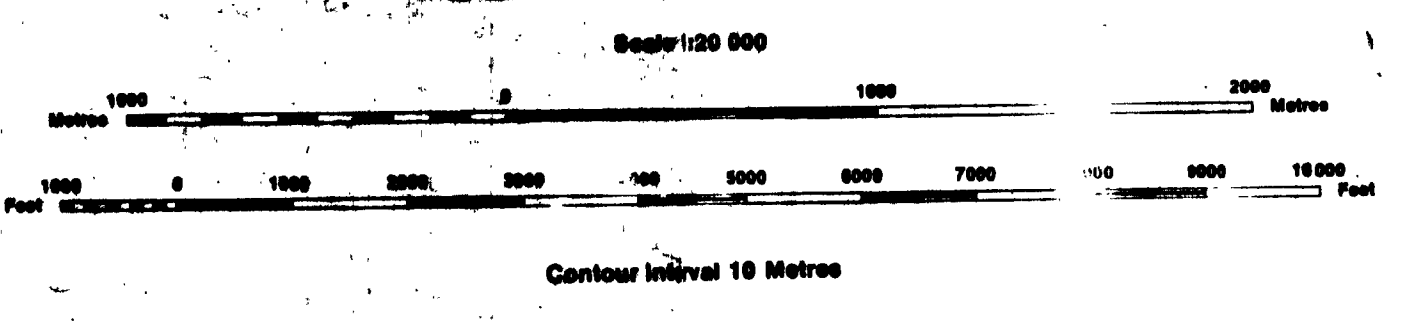
Boundary	—————
Township, Meridian, Baseline	—————
Road allowance, surveyed	—————
shoreline	~~~~~
Lot/Concession, surveyed	—————
unsurveyed	—————
Parcel, surveyed	—————
unsurveyed	—————
Right-of-way, road	—————
railway	—————
utility	—————
Reservation	—————
Cliff, Pt. Pk.	—————
Contour	—————
Interpolated	—————
Approximate	—————
Depression	—————
Control point (horizontal)	△
Flooded land	—————
Mine head frame	—————
Pipeline (above ground)	—————
Railway: single track	—————
double track	—————
abandoned	—————
Road: highway, county, township	—————
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	○

AREAS WITHDRAWN FROM DISPOSITION

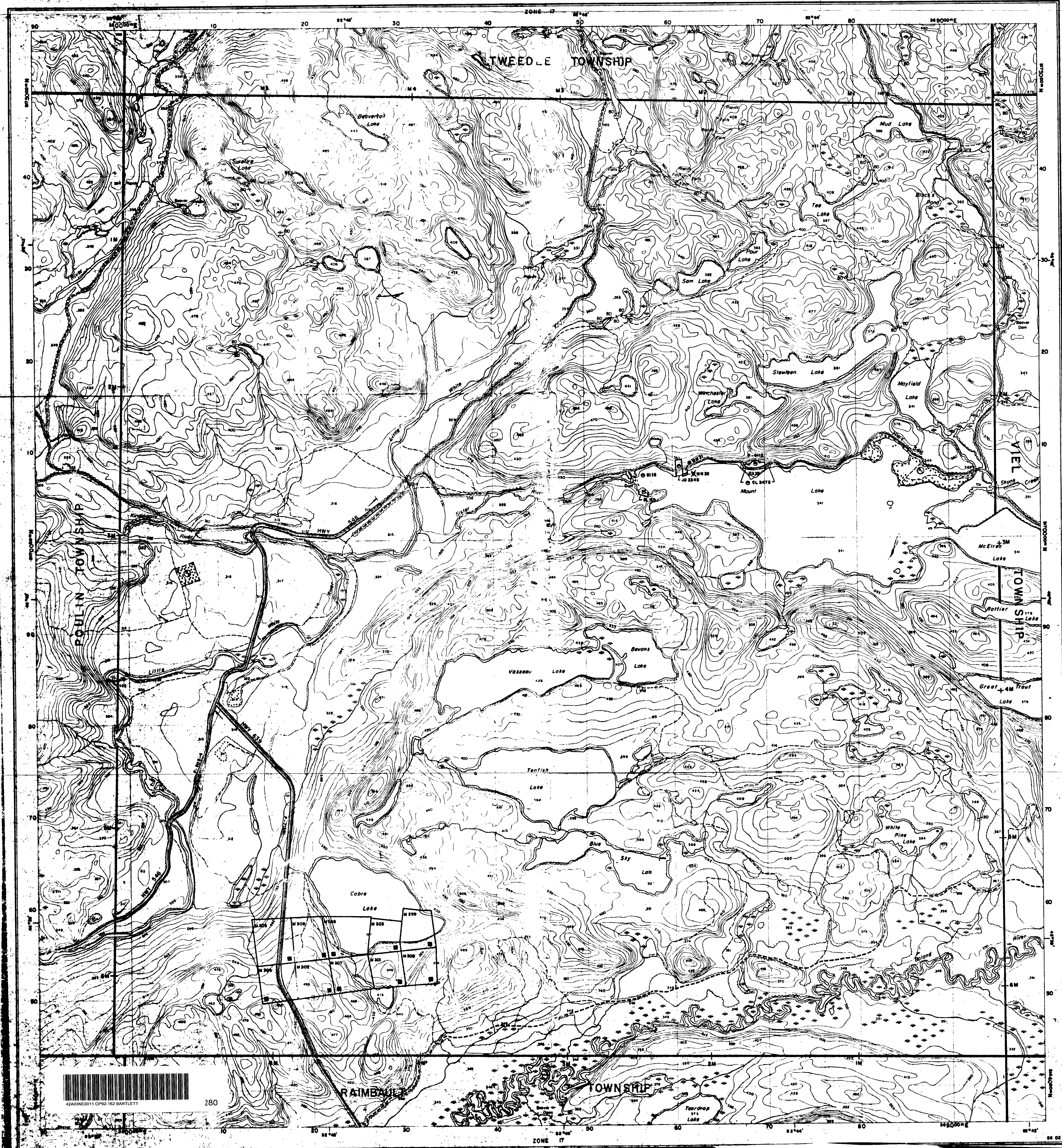
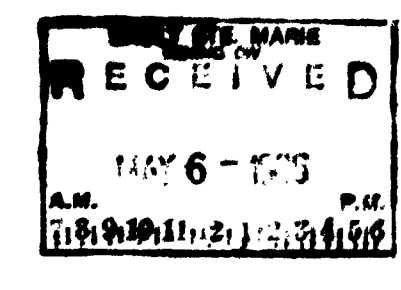
	MRO - Mining Rights Only			
	SRO - Surface Rights Only			
	M+S - Mining and Surface Rights			
Description	Order No.	Date	Disposition	File
SEC. 34/80	W.3/78	28/3/78	SRO	109128
SEC. 34/80	W.7/82	15/3/82	SRO	181828



Map base is of land disposition drafted by Survey and Mapping Branch, Ministry of Natural Resources.

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P. 3375

SAGARD

P. 3375

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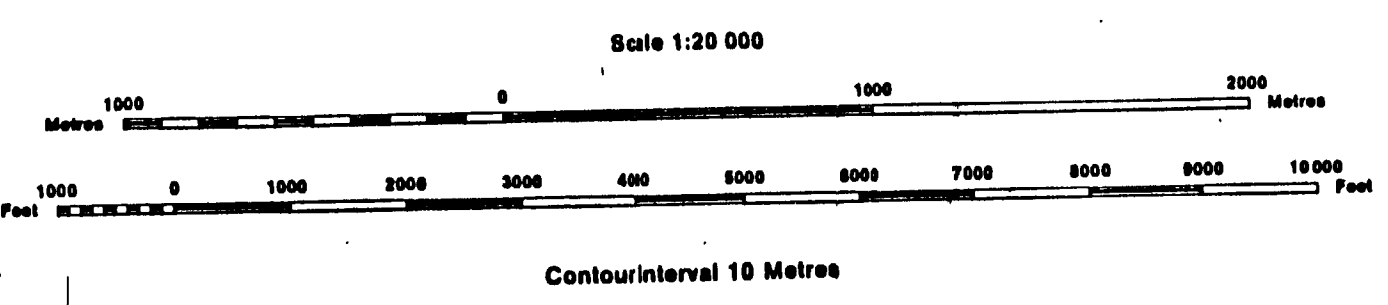
SAGARD TWP

G-3353

Ministry of Natural Resources and Mines

INDEX TO LAND DISPOSITION

PLAN G-3322 TOWNSHIP SAGARD Project Moose M.N.R. ADMINISTRATIVE DISTRICT BLIND RIVER MINING DIVISION SAULT STE. MARIE LAND TITLES/REGISTRY DIVISION ALGOMA



Map base and land disposition drafting by Surveys and Mapping Branch, Ministry of Natural Resources. The disposition of land, location of lot fabric and parcel boundaries on this index was compiled for administrative purposes only.

SYMBOLS

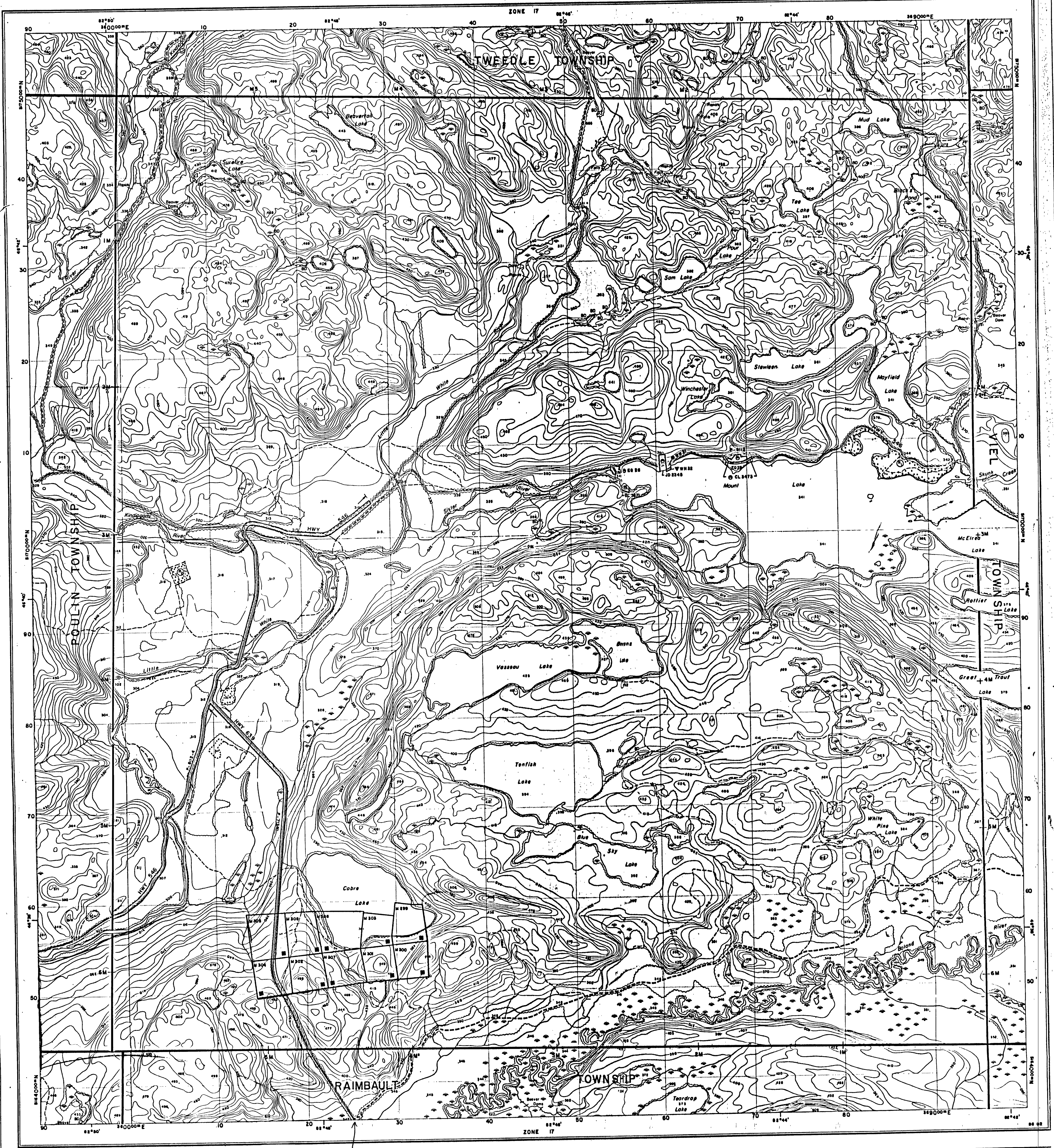
- Boundary Township, Meridian, Baseline... Road allowance; surveyed... Lot/Concession; surveyed... Parcel; surveyed... Right-of-way; road... Reservation... Contour... Pipeline... Road; highway, county, township... Transmission line... Wooded area...

DISPOSITION OF CROWN LANDS

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

AREAS WITHDRAWN FROM DISPOSITION

Table with columns: Description, Order No., Date, Disposition, Fee. Includes entries for SEC 34/60 and SEC 34/60.



G-3353

SAGARD TWP

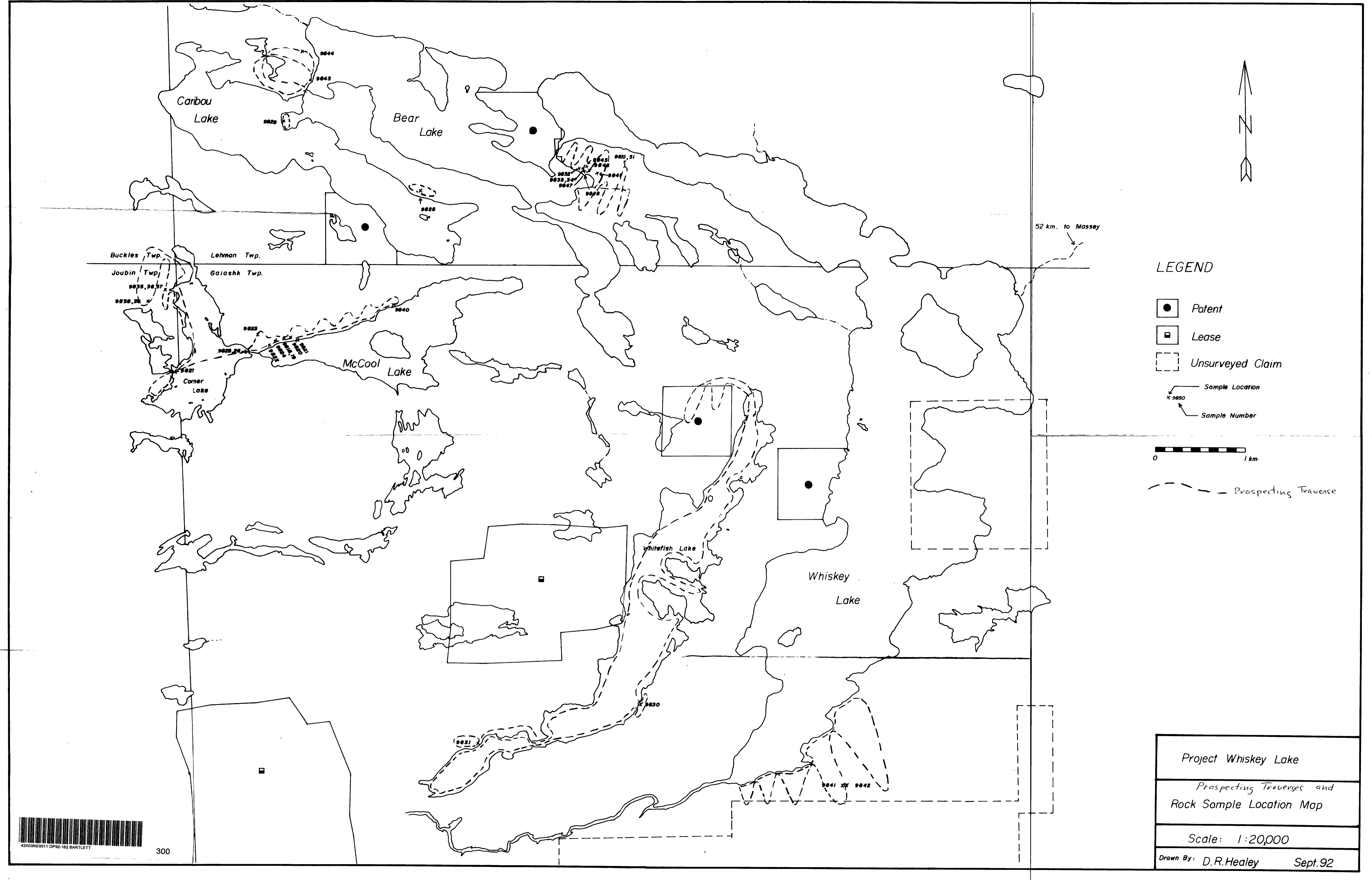
3353

Property Access Rd Hwy 639

P. 3375

P. 3375





LEGEND

- Patent
- Lease
- Unserved Claim

↖ Sample Location
 X 9850
 ↗ Sample Number

0 ————— 1 km.

--- Prospecting Traverse

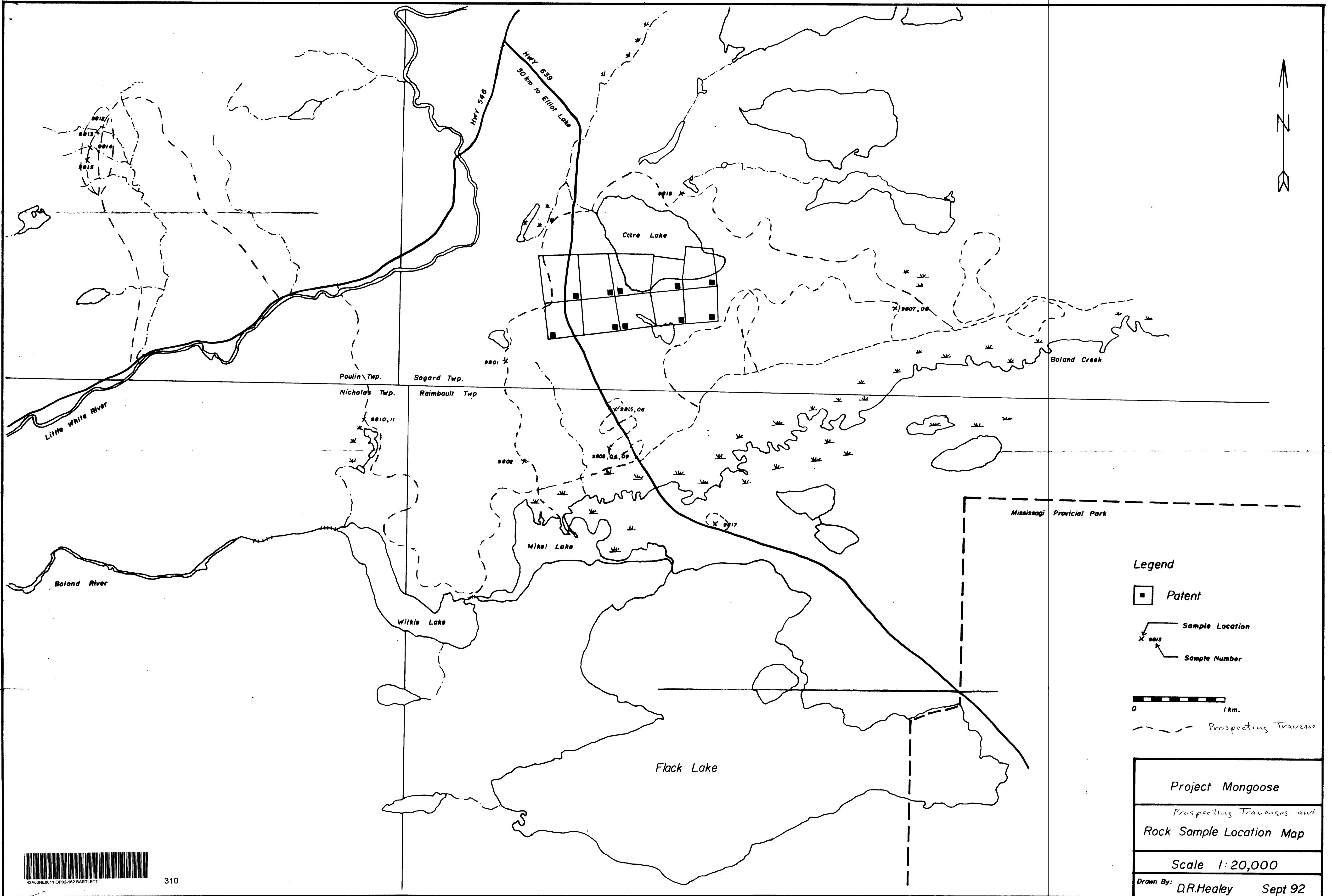
Project Whiskey Lake

Prospecting Traverses and
Rock Sample Location Map

Scale: 1:20,000

Drawn By: D.R.Healey Sept.92



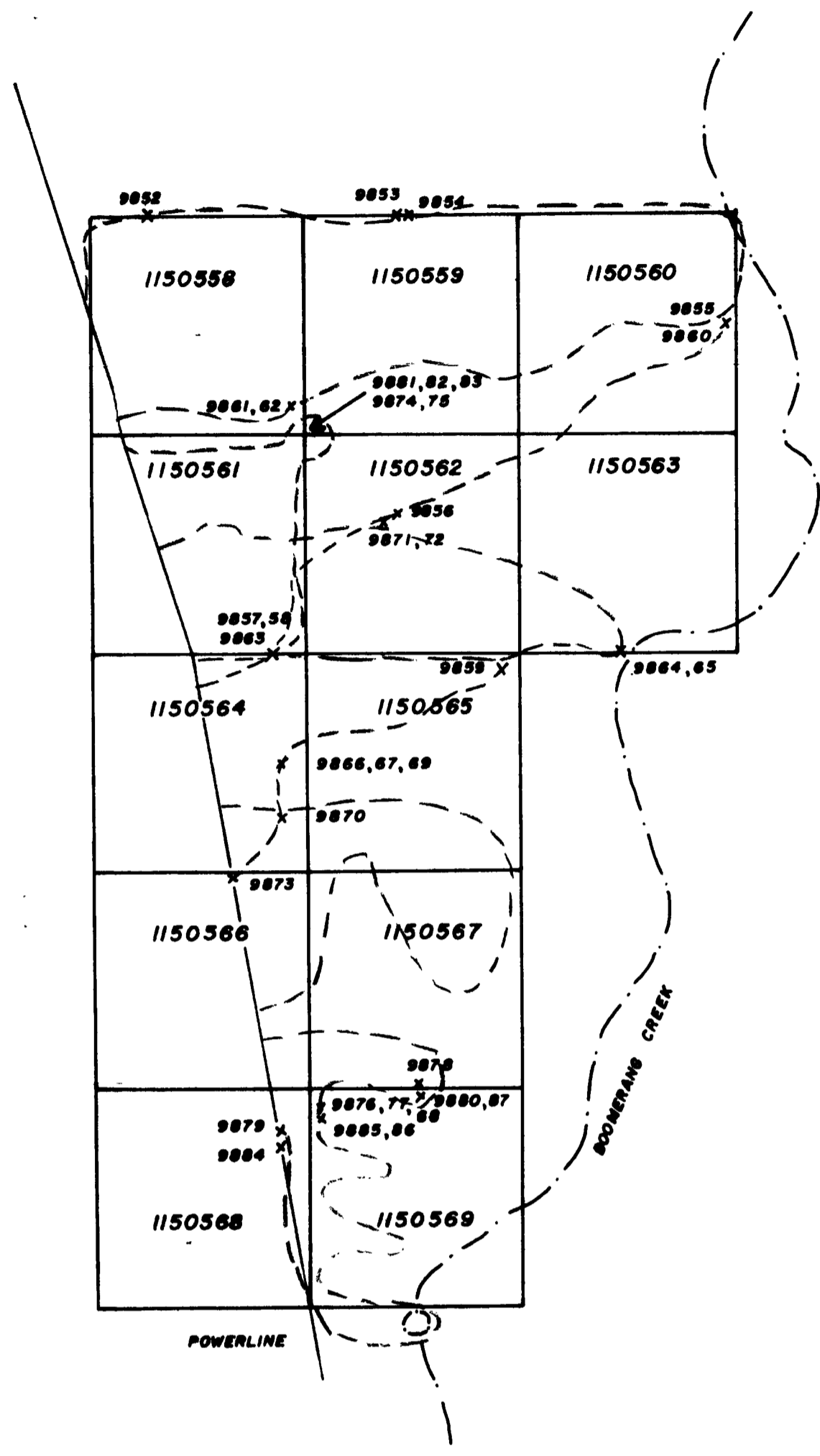


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
- Patent
- X
X
 Sample Location
- 9913
 Sample Number
- 0 1 km.
- Prospecting Traverse

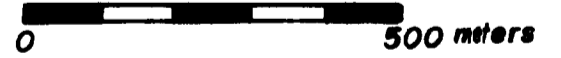
Project Mongoose
Prospecting Traverses and Rock Sample Location Map
Scale 1:20,000
Drawn By: D.R.Healey Sept 92

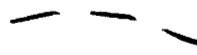




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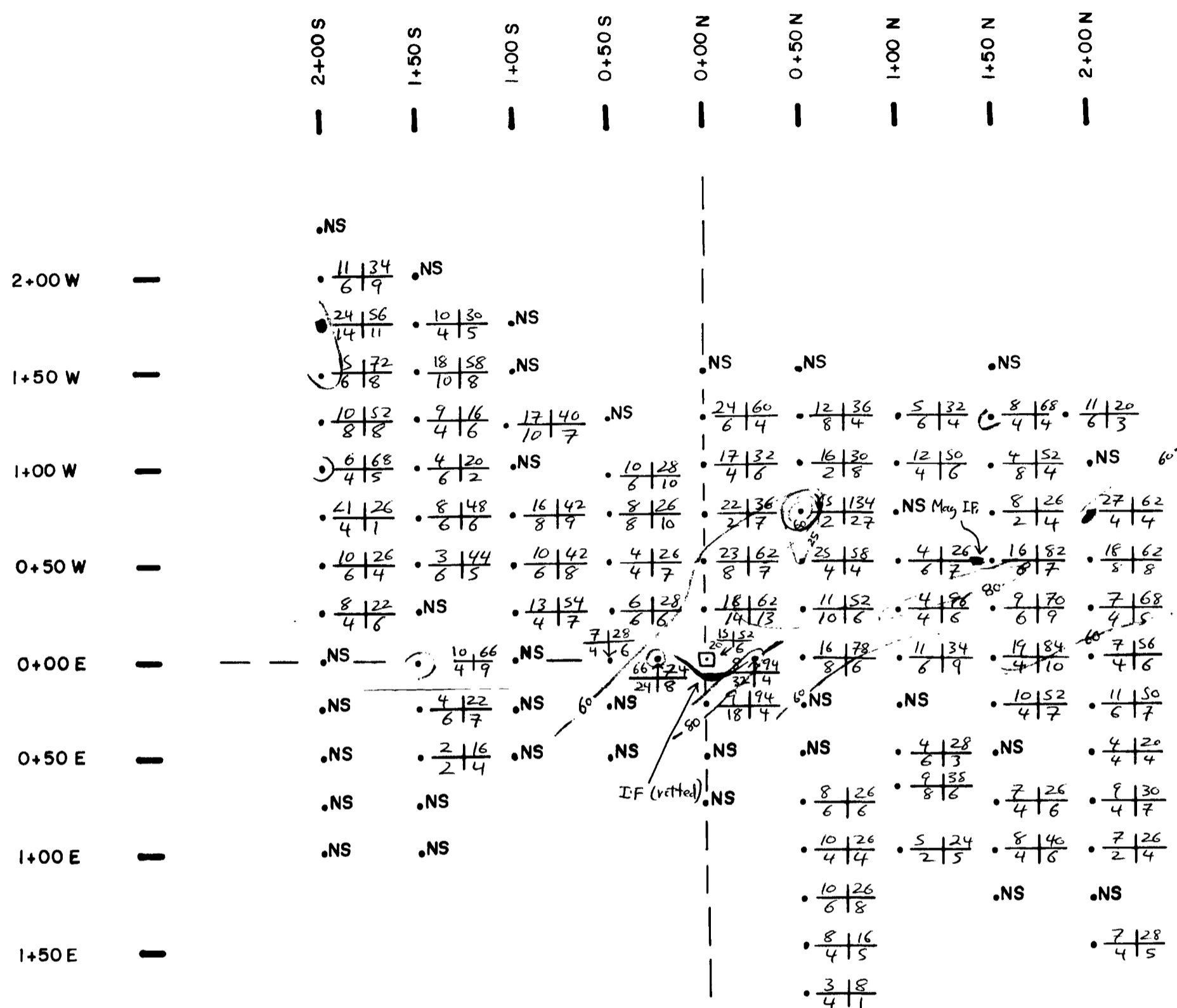
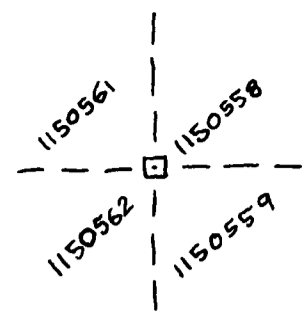
-  Sample Location
-  Sample Number



 Prospecting Traverses

<i>Bartlett Township Project</i>
<i>Prospecting Traverses and Rock Sample Location Map</i>
<i>Scale 1:10,000</i>
<i>Drawn By: D.R.Healey Sept 92</i>



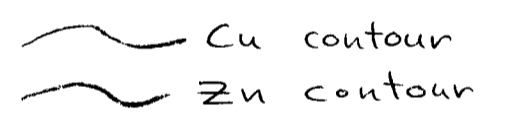


Legend

.NS No Sample

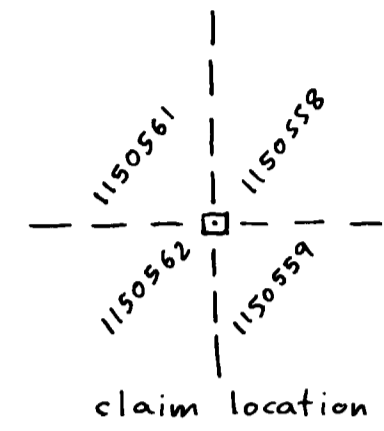
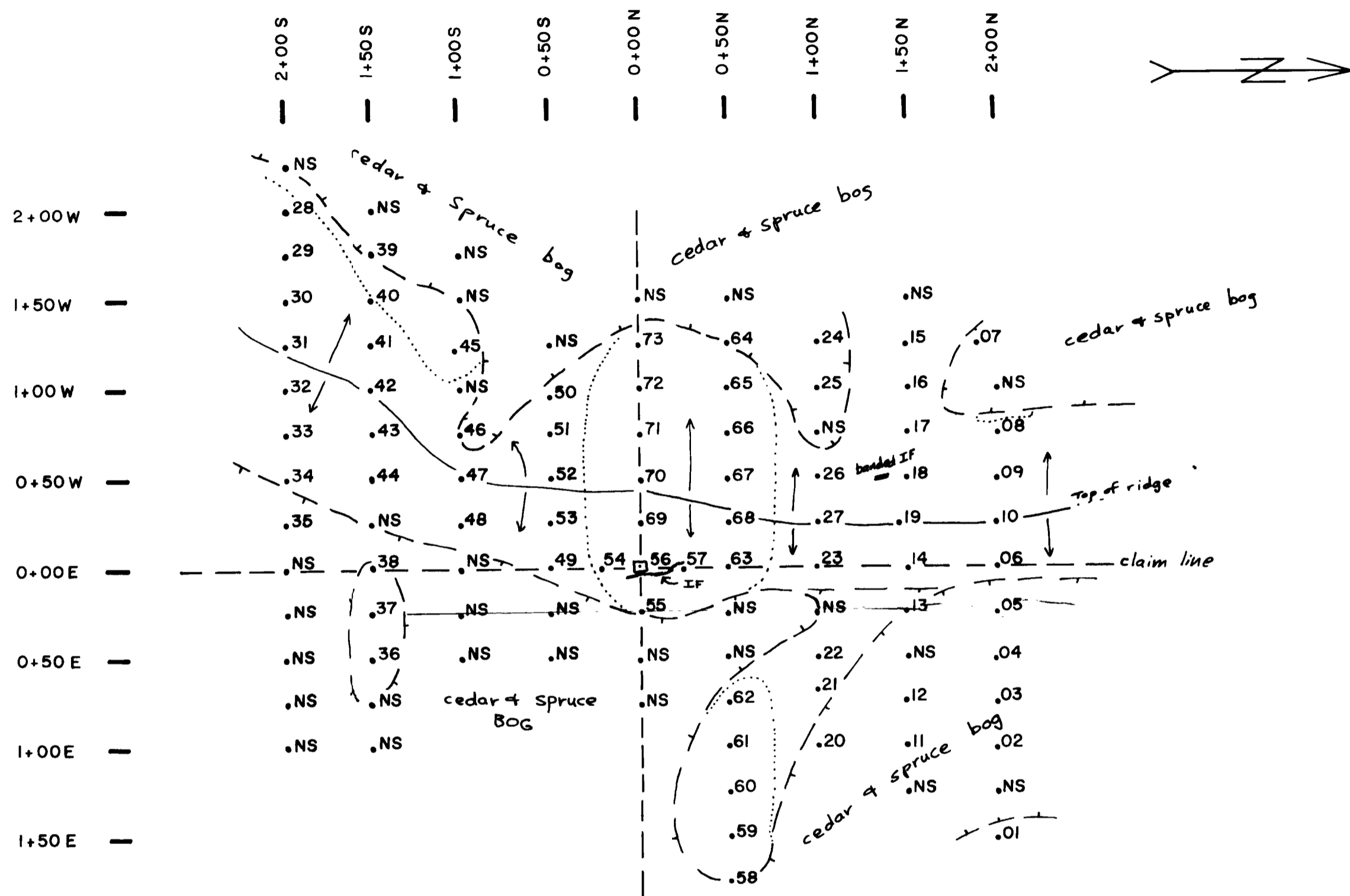
. Cu | Zn
Pb | Co or other

values in ppm.



Bartlett Twp. Project
Soil Survey Results
Scale 1:2500
Drawn By: D.R.Healey Oct. 92





Legend

- .69 sample location and number
- .NS No Sample
- outcrop



Bartlett Twp. Project

Soil Sample Location Map

Scale 1:2500

Drawn By: D.R.Healey Oct. 92



42A03NE0011 OP92-162 BARTLETT

