



41P1ONE2007 2.20165 CHOWN

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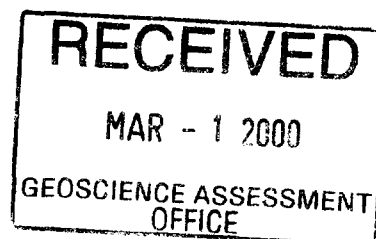
Report On
Prospecting and Sampling
Lawson and Chown Townships, Ontario

by

R.A. MacGregor, P. Eng.

November 26, 1999

2.20165





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Description 1

Appendix

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Description

Two days were spent prospecting and sampling in Lawson and Chown Townships during 1999.

The primary purpose was to obtain samples for analysis which could be compared with analysis of drill cores from the claim group. Location of traverses is shown on the enclosed location plan.

One pit was discovered containing narrow quartz-carbonate veining in Nipissing diabase (gabbro) which does not appear on available geological maps.

Traces of copper and silver were found by analysis in one sample from the newly discovered pit. Anomalous copper, cobalt and arsenic were also obtained by analysis from a pit on strike from the Wigwam adit which is just north of the claim group

November 26, 1999

Respectfully submitted,



R.A. MacGregor, P. Eng.

Appendix I

Sample Descriptions

Sample Descriptions

Location	Sample No. 1AR771 365m south of north tip of Leta Lake, west side of Keora Road near lake shore; fine grained diabase, no visible mineralization	L446688
Location	Sample No. 1AR772 At round iron bar, #3 post MR20608 Nipissing diabase (gabbro) coarse grained	L446690
Location	Sample No. 1AR773 East side of Keora Road, 400m south of power line Nipissing diabase (gabbro) coarse grained	L485404
Location	Sample No. 1AR858 Pit N.E. corner of pond on north boundary of Lawson Twp. ~ 200m east of Keora Road Calcite vein material from top of pit	L495403
Location	Sample No. 1AR859 Pit on powerline east from Keora Road, 20m west of east claim line Calcite vein material, chalcopryrite and galena mineralization	L495403
Location	Sample No. 1AR860 East from Keora Road on north claim line ~ 75m Nipissing diabase (gabbro) coarse grained	L496432

Sample Descriptions

Location	Sample No. 1AR861 No. 1 Post L496432 Nipissing diabase (gabbro) very coarse grained	L496432
Location	Sample No. 1AR863 Pit N. E. corner of pond on north boundary Lawson Twp. ~ 200m east of Keora Road Calcite vein material from bottom of 2.5 m deep pit	L495403
Location	Sample No. 1AR864 On survey line 50m south and 125m east from Keora shaft; rock face Nipissing diabase (gabbro) coarse grained	L446690
Location	Sample No. 1AR865 Pit 20m east of Keora road on north claim boundary Granophyre	L496432
Location	Sample No. 1AR866 Pit N.E. corner of pond on north boundary Lawson Twp. ~ 200m east Keora Road Granophyre	L495403

Sample Descriptions

	Sample No. 1AR894	
Location	Pit 20m east of Keora Road on north claim boundary	L496432
	Calcite vein material chalcopyrite mineralization	
	Sample No. 1AR909	
Location	Rock cut on Hwy 560 North of north tip of Gowganda Lake, Van Hise Twp.	
	Nipissing diabase (gabbro) coarse grained no mineralization	

Appendix II

Assay Results



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
1AR 844	22	70	20	110	1.1	114	30	610	4.99	21	<8	<2	3	61	.2	<3	<3	98	2.57	.126	24	303	1.79	41	.16	4	1.30	.05	.64	<2
1AR 845	5	140	<3	195	1.4	94	52	1274	5.59	3	<8	<2	<2	67	.4	<3	<3	199	3.77	.045	5	115	1.76	25	.30	7	2.13	.05	.14	<2
1AR 846	25	1630	72	54	11.0	249	3035	862	3.67	4729	<8	<2	<2	69	.2	<3	5	165	6.91	.035	4	117	1.26	8	.12	4	1.24	.04	.04	<2
1AR 847	27	8223	27	57	47.3	204	2757	996	3.07	4470	<8	<2	<2	124	.2	<3	11	146	13.69	.042	3	101	.98	5	.05	4	1.03	.03	.01	<2
1AR 848	4	97	17	112	.4	213	50	707	5.36	18	<8	<2	2	9	<.2	<3	<3	98	.28	.041	14	292	2.22	26	.12	5	3.09	.03	.15	<2
1AR 849	7	65	7	64	<.3	300	37	390	3.86	<2	<8	<2	2	11	<.2	<3	<3	92	.25	.028	9	563	2.49	71	.11	3	2.29	.03	.24	<2
1AR 850	14	66	4	24	<.3	119	17	202	2.20	3	<8	<2	3	227	<.2	<3	3	44	.87	.141	33	231	.93	119	.11	<3	1.04	.04	.25	<2
RE 1AR 850	13	66	5	25	.3	121	17	202	2.20	2	<8	<2	3	226	<.2	<3	3	46	.88	.141	33	232	.95	122	.12	3	1.06	.04	.25	<2
1AR 851	8	97	7	54	.3	309	35	315	3.45	<2	<8	2	2	20	<.2	<3	<3	101	.37	.040	9	523	2.12	124	.16	4	2.11	.03	.61	<2
1AR 852	4	117	13	163	<.3	1194	135	302	5.76	16	<8	<2	<2	17	<.2	<3	<3	32	.24	.014	<1	597	.89	13	.10	4	.73	.01	.04	<2
1AR 853	4	136	3	92	<.3	1592	132	397	5.29	<2	<8	<2	<2	20	<.2	<3	<3	45	.25	.015	1	708	.99	13	.12	4	.86	.01	.05	<2
1AR 854	8	137	14	539	.3	491	54	950	6.50	75	<8	4	2	556	1.6	<3	<3	126	5.49	.090	8	836	3.27	74	.07	5	2.41	.01	.65	<2
1AR 855	8	225	5	55	.5	75	42	1038	5.28	<2	<8	<2	<2	84	<.2	<3	<3	203	2.79	.060	4	38	.85	61	.22	4	1.28	.05	.27	<2
1AR 856	4	59	<3	71	.3	143	21	1030	4.12	<2	<8	2	4	248	<.2	<3	<3	134	5.90	.164	38	415	3.22	474	.13	5	2.10	.03	1.04	<2
1AR 857	5	530	34	33	.3	101	15	401	2.61	<2	8	<2	9	241	<.2	<3	<3	77	2.05	.118	41	299	1.08	377	.12	3	.89	.03	.73	<2
1AR 858	<1	34	4	6	1.8	16	26	4723	.58	23	<8	<2	<2	81	<.2	<3	3	40	35.84	.019	29	2	.25	8	<.01	<3	.23	.02	.01	<2
1AR 859	2	225	10	43	.4	44	47	2000	3.13	<2	<8	<2	<2	45	<.2	<3	<3	76	12.79	.007	8	43	1.99	59	.01	4	1.60	.01	<.01	2
1AR 860	4	10	15	75	<.3	3	7	1500	6.55	4	<8	<2	6	18	<.2	4	<3	2	.26	.052	13	19	.44	123	.04	5	.87	.03	.20	<2
1AR 861	3	72	6	53	.9	20	36	366	6.49	2	<8	<2	4	8	<.2	<3	<3	518	1.57	.050	12	16	.67	45	.14	4	.86	.04	.14	<2
1AR 862	4	74	15	86	1.1	24	40	357	6.99	<2	<8	<2	3	13	.2	<3	<3	534	1.99	.040	8	21	1.01	18	.17	5	1.28	.05	.12	<2
1AR 863	1	1537	3	4	8.0	8	3	2393	3.47	5	<8	13	<2	106	.4	<3	<3	29	33.09	.035	56	1	.14	4	<.01	<3	.11	.02	.01	4
1AR 864	4	38	130	199	.9	8	34	594	6.37	7	<8	<2	3	12	<.2	<3	<3	300	1.18	.051	12	19	.81	23	.19	6	1.22	.04	.15	<2
1AR 865	5	204	10	60	.4	8	28	508	9.64	7	<8	<2	4	6	<.2	<3	<3	3	.69	.166	16	23	.56	231	.02	4	.97	.04	.06	<2
1AR 866	5	36	7	54	.4	5	20	547	6.12	5	<8	<2	6	8	<.2	<3	<3	52	.92	.081	21	25	.58	59	.10	4	.75	.05	.17	<2
1AR 867	9	146	29	72	2.2	59	280	855	6.42	405	<8	<2	3	19	<.2	<3	3	572	5.02	.041	11	17	1.56	14	.25	7	1.83	.06	.11	<2
1AR 868	4	85	191	143	1.4	6	34	645	7.59	2	<8	<2	3	17	.5	<3	<3	268	1.34	.048	8	20	.95	42	.25	7	1.52	.08	.16	<2
1AR 869	4	223	60	86	9.5	6	27	537	6.87	22	16	<2	6	17	<.2	<3	3	242	1.34	.051	126	23	.99	15	.35	10	1.59	.07	.07	<2
1AR 870	4	188	123	597	3.2	19	42	694	8.87	<2	<8	<2	4	21	2.3	4	<3	598	1.18	.051	11	20	.86	28	.33	335	1.73	.10	.18	<2
1AR 871	7	585	2908	111	24.4	32	375	607	6.86	564	<8	<2	3	12	.3	4	39	203	2.66	.059	11	25	1.09	17	.23	6	1.85	.04	.09	<2
1AR 872	4	112	45	110	1.3	8	31	629	6.56	<2	<8	<2	4	17	<.2	<3	3	282	1.07	.056	12	23	.62	28	.21	12	1.36	.13	.24	<2
1AR 873	3	98	61	341	2.1	8	37	447	7.52	<2	<8	<2	4	12	.7	<3	<3	393	.67	.053	10	18	.95	43	.23	9	1.32	.08	.16	<2
1AR 874	5	99	41	138	1.6	8	28	612	6.73	2	<8	<2	4	17	<.2	3	<3	285	.92	.057	12	27	.67	64	.20	9	1.22	.09	.21	<2
1AR 875	5	147	52	125	2.0	14	34	571	7.49	<2	<8	<2	4	15	.2	<3	<3	496	.80	.049	10	23	.66	64	.20	11	1.19	.07	.17	<2
1AR 876	5	73	114	101	1.4	3	37	767	7.42	13	<8	<2	5	31	<.2	<3	<3	144	.96	.069	13	23	.88	202	.19	11	1.22	.10	.19	<2
1AR 877	4	47	23	52	.7	8	30	370	6.46	2	<8	<2	4	14	<.2	<3	<3	389	1.33	.047	10	23	.65	54	.22	7	1.14	.10	.18	<2
STANDARD C3	27	67	35	170	6.3	38	11	801	3.49	57	25	3	22	31	24.9	22	24	85	.60	.096	19	173	.62	157	.09	22	1.95	.04	.17	16
STANDARD G-2	2	3	<3	43	<.3	9	4	553	2.12	<2	<8	<2	4	74	<.2	<3	3	42	.67	.101	7	76	.61	234	.12	<3	.99	.08	.50	2

Sample type: PULP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
1AR 878	5	114	442	246	2.5	25	48	608	8.38	13	9	<2	4	17	1.1	<3	<3	471	3.52	.048	10	20	2.16	23	.30	10	2.30	.07	.13	<2
1AR 879	4	65	116	118	18.4	10	48	552	7.77	19	<8	<2	3	17	<2	<3	<3	512	1.60	.042	9	21	.99	32	.29	11	1.62	.09	.18	<2
1AR 880	3	124	43	71	1.4	20	47	454	7.37	20	<8	<2	3	19	<2	<3	<3	697	1.38	.033	6	20	1.76	33	.24	10	1.49	.07	.18	<2
1AR 881	5	646	103	172	4.5	14	52	506	6.63	37	<8	<2	3	13	.2	<3	<3	573	1.74	.039	9	20	1.15	25	.28	10	1.32	.08	.18	<2
1AR 882	5	209	32	71	1.6	12	46	462	7.29	7	<8	<2	4	11	<2	<3	<3	472	1.53	.046	9	20	.91	21	.19	8	1.35	.08	.17	<2
1AR 883	3	91	52	79	1.6	12	47	455	8.02	13	8	<2	4	12	<2	4	<3	501	1.78	.045	10	19	1.16	22	.21	8	1.42	.09	.21	<2
1AR 884	5	266	10	70	2.8	11	48	548	7.39	30	<8	<2	4	14	.3	3	<3	520	3.09	.044	10	16	1.23	17	.24	8	1.47	.07	.15	2
1AR 885	4	223	37	106	2.9	10	41	483	7.63	12	<8	<2	3	11	<2	<3	<3	599	1.18	.044	8	17	1.02	24	.22	10	1.21	.07	.16	<2
1AR 886	3	132	13	56	1.2	23	35	424	6.18	12	<8	<2	3	12	<2	<3	<3	488	1.15	.037	7	32	1.10	19	.22	11	1.44	.08	.12	<2
1AR 887	4	74	68	84	1.4	9	42	461	7.25	<2	9	<2	5	11	<2	<3	<3	374	1.11	.057	11	25	.74	53	.19	9	1.14	.12	.15	<2
RE 1AR 887	5	73	62	83	1.2	9	42	455	7.17	<2	8	<2	5	11	<2	<3	<3	367	1.10	.057	10	25	.74	54	.19	7	1.14	.12	.15	<2
1AR 888	4	45	82	93	1.1	8	34	716	7.14	4	<8	<2	4	14	<2	<3	3	378	1.17	.053	11	20	1.01	46	.23	10	1.57	.14	.25	<2
1AR 889	3	94	57	321	1.7	7	38	645	6.91	6	<8	<2	4	17	1.0	<3	<3	365	2.36	.053	13	12	1.19	44	.35	11	1.79	.17	.28	<2
1AR 890	3	61	103	189	1.5	5	33	510	6.23	6	<8	<2	3	13	.2	<3	<3	343	1.34	.050	10	12	.85	64	.30	11	1.53	.14	.28	<2
1AR 891	4	80	151	522	1.4	9	42	554	7.61	2	<8	<2	3	17	2.0	<3	<3	441	.94	.046	9	19	1.07	35	.28	8	1.65	.10	.15	<2
1AR 892	4	37	196	387	.9	9	39	680	7.89	3	<8	<2	3	29	1.2	<3	4	385	1.27	.047	9	21	1.23	80	.38	8	1.79	.10	.12	<2
1AR 893	6	54	119	153	1.3	11	34	509	7.19	9	<8	<2	4	22	<2	3	<3	492	1.41	.046	9	34	.87	42	.21	8	1.36	.06	.12	2
1AR 894	2	16194	56	31	1.8	150	355	2466	2.68	605	10	<2	<2	74	<2	8	166	43	22.52	<.001	44	10	.46	311	<.01	<3	.49	.02	<.01	3
1AR 895	3	19	<3	9	<.3	3	3	143	.63	2	<8	<2	5	3	<.2	<3	<3	<1	.66	.006	8	13	.50	11	<.01	4	.65	.01	.12	<2
1AR 896	9	15	<3	22	<.3	13	3	321	1.67	2	<8	<2	5	3	<.2	3	<3	2	.20	.008	11	47	.88	24	<.01	<3	1.00	.02	.16	<2
1AR 897	3	6	<3	12	<.3	3	4	123	.79	2	<8	<2	5	7	<.2	<3	<3	1	1.07	.007	15	19	.24	28	<.01	4	.74	.02	.26	<2
1AR 898	4	183	10	86	.4	35	30	534	6.44	3	<8	<2	2	18	<.2	3	<3	239	1.33	.095	10	31	1.02	34	.39	10	1.94	.13	.15	<2
1AR 899	1	22	<3	60	<.3	286	42	1001	5.27	6	<8	<2	<2	13	.2	<3	<3	144	2.76	.014	<1	451	7.65	2	.01	4	6.47	<.01	<.01	<2
1AR 900	5	7	<3	16	<.3	3	1	166	.74	<2	<8	<2	6	5	<.2	<3	<3	1	1.03	.008	21	17	.15	15	<.01	<3	1.40	.01	.12	<2
1AR 901	1	21	<3	72	<.3	140	38	1201	6.14	2	<8	<2	<2	12	.4	<3	<3	106	3.00	.023	4	138	3.71	8	<.01	6	4.91	.04	.02	<2
1AR 902	1	52	<3	52	<.3	334	42	1100	4.91	<2	<8	3	<2	34	.3	<3	<3	131	4.09	.014	<1	652	5.96	6	.05	4	4.77	.01	<.01	<2
1AR 903	1	64	<3	56	.3	479	48	1020	4.40	<2	<8	6	<2	28	.3	<3	<3	100	5.78	.011	<1	1008	6.02	3	.01	4	3.90	.01	<.01	<2
1AR 904	16	27	7	18	<.3	91	17	246	1.69	27	<8	<2	<2	17	.3	3	<3	30	1.29	.006	<1	142	.34	6	.13	3	.91	<.01	<.01	<2
1AR 905	5	50	<3	89	<.3	90	37	1056	5.54	<2	<8	<2	<2	22	<.2	<3	<3	83	.68	.037	6	82	3.79	10	.10	5	3.95	.03	<.01	<2
1AR 906	3	2	<3	10	<.3	3	1	166	.74	<2	<8	<2	5	6	<.2	<3	<3	1	1.44	.007	8	15	.49	15	<.01	<3	.66	.02	.10	<2
1AR 907	9	33	3	25	<.3	51	29	1376	3.50	4	<8	<2	<2	133	<.2	<3	<3	27	10.86	.021	2	46	1.43	27	<.01	4	.76	.01	.25	<2
1AR 908	6	109	<3	41	<.3	64	20	607	3.14	<2	<8	<2	<2	30	<.2	4	<3	82	.99	.026	1	196	1.95	15	.17	3	1.97	.07	.05	<2
1AR 909	4	279	10	109	<.3	38	31	306	4.58	3	<8	<2	2	16	.2	3	<3	164	1.12	.041	7	26	1.08	34	.14	9	1.71	.10	.15	<2
1AR 910	2	18	<3	89	<.3	42	28	1809	9.36	8	<8	<2	<2	117	2.3	<3	<3	98	8.97	.013	2	26	2.85	16	.01	6	4.47	.01	.11	3
STANDARD C3	28	67	35	169	6.2	37	11	803	3.50	57	25	3	22	31	25.0	22	25	84	.60	.096	18	174	.61	158	.09	23	1.95	.04	.17	17
STANDARD G-2	2	3	4	43	<.3	7	4	554	2.12	<2	<8	<2	4	73	<.2	<3	3	42	.68	.100	7	77	.61	230	.12	<3	.98	.07	.50	2

Sample type: PULP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
1AR 754	6	108	333	839	.9	3	42	755	8.21	30	<8	<2	4	10	3.7	<3	4	27	.62	.062	12	19	.89	117	.15	14	1.51	.10	.70	<2
1AR 755	4	3	<3	67	<.3	107	45	978	6.33	6	<8	<2	<2	11	1.1	<3	<3	151	1.49	.027	4	86	3.80	29	.19	5	3.77	.10	.08	<2
1AR 756	5	10	<3	9	<.3	4	2	81	.72	64	<8	<2	5	10	<.2	<3	<3	2	.23	.010	17	21	.06	87	<.01	9	.60	.02	.36	<2
1AR 757	13	40	<3	24	<.3	14	4	283	2.07	2	<8	<2	6	5	<.2	<3	<3	3	.14	.006	12	75	.72	48	.01	8	1.17	.07	.23	<2
1AR 758	3	401	10	103	<.3	35	39	735	6.43	5	<8	<2	<2	15	1.1	<3	<3	178	1.35	.036	6	22	1.80	10	.49	6	2.20	.10	.02	<2
1AR 759	2	217	<3	84	.3	62	48	773	9.52	4	<8	2	<2	15	1.6	<3	3	330	3.26	.041	10	129	4.19	24	.43	8	3.24	.08	.04	<2
1AR 760	7	47	<3	10	<.3	6	3	203	1.00	<2	<8	<2	5	7	<.2	<3	<3	<1	1.05	.006	20	39	.31	51	<.01	4	.73	.02	.23	<2
1AR 761	11	39	<3	6	<.3	9	2	192	.76	<2	<8	<2	4	24	<.2	<3	<3	1	.84	.005	12	63	.02	81	<.01	6	.39	.05	.24	<2
1AR 762	9	12	5	11	<.3	8	3	196	.71	2	<8	<2	5	14	<.2	<3	<3	3	.87	.006	12	53	.04	97	<.01	9	.52	.04	.30	<2
1AR 763	4	50	<3	56	<.3	97	27	787	3.90	13	<8	<2	<2	13	.6	<3	<3	87	2.61	.031	2	79	2.45	22	.13	6	2.63	.11	.12	<2
1AR 764	3	582	7	75	.7	23	74	441	7.94	56	<8	<2	2	8	1.0	<3	4	591	1.05	.035	9	14	1.54	46	.20	6	1.39	.05	.09	<2
1AR 765	3	43	62	309	.7	8	41	426	7.68	14	<8	<2	3	9	2.2	<3	6	402	1.07	.046	9	14	1.46	27	.17	9	1.41	.06	.21	<2
1AR 766	3	57	84	148	.5	8	36	425	7.47	6	<8	<2	3	9	1.4	<3	3	447	1.22	.045	9	17	1.06	51	.21	7	1.16	.05	.10	<2
1AR 767	3	56	79	206	.4	8	45	412	7.98	8	<8	<2	4	9	1.8	<3	7	422	1.80	.046	12	20	1.46	37	.22	6	1.39	.05	.08	<2
1AR 768	3	37	70	77	.6	7	35	378	6.71	9	<8	<2	3	9	1.1	<3	4	399	.93	.046	10	18	.75	28	.17	8	1.09	.05	.11	<2
1AR 769	4	105	311	159	.5	12	45	499	6.60	11	<8	<2	2	11	1.3	<3	3	503	1.64	.034	7	23	.86	41	.16	8	1.31	.07	.30	<2
1AR 770	5	243	179	318	.9	5	48	816	9.37	17	<8	<2	3	12	2.2	<3	<3	50	1.23	.078	10	22	.77	118	.12	16	1.28	.07	.59	<2
1AR 771	4	127	45	63	<.3	66	30	544	3.90	<2	<8	<2	<2	15	.6	<3	<3	126	1.99	.023	4	82	2.02	35	.08	5	2.07	.12	.20	<2
1AR 772	3	54	28	76	<.3	8	30	643	7.08	2	<8	<2	3	12	1.0	<3	4	262	.89	.053	11	16	.80	34	.17	8	1.29	.05	.17	<2
1AR 773	3	50	45	72	.3	24	31	356	5.24	8	<8	<2	2	7	.5	<3	3	250	.84	.030	6	14	1.20	32	.12	9	1.43	.06	.12	<2
1AR 774	25	341	57	69	2.5	226	710	1567	5.63	1133	<8	<2	<2	27	.9	<3	13	564	7.66	.032	12	7	2.08	6	.26	8	2.05	.04	.05	<2
1AR 775	5	551	26	59	2.4	28	65	1261	4.96	57	<8	<2	2	36	.8	<3	4	655	7.19	.035	11	8	1.09	15	.37	16	1.55	.05	.13	<2
1AR 776	14	643	57	29	2.8	53	122	2318	2.75	180	<8	<2	<2	36	.3	<3	6	385	11.32	.025	15	12	.59	8	.25	7	.86	.03	.07	<2
1AR 777	6	69	10	46	<.3	160	33	658	4.38	<2	<8	4	2	73	.7	<3	<3	129	1.49	.054	17	345	1.53	228	.25	4	1.40	.15	1.11	<2
RE 1AR 777	7	74	9	48	<.3	166	35	687	4.57	<2	<8	3	2	77	.6	<3	<3	135	1.56	.056	18	364	1.60	243	.26	<3	1.46	.15	1.15	<2
1AR 778	5	98	7	26	<.3	437	55	884	4.87	<2	<8	19	<2	134	.7	<3	5	124	2.83	.004	<1	1887	6.19	70	.01	4	2.40	.01	.08	<2
1AR 779	7	161	13	111	<.3	1243	121	439	5.87	6	<8	3	2	39	1.0	<3	7	46	.64	.084	25	514	1.09	26	.10	4	.89	.02	.08	<2
1AR 780	5	147	16	325	<.3	1204	140	361	6.04	49	<8	5	<2	20	1.4	<3	4	55	.72	.016	2	830	1.70	17	.12	3	.99	.02	.10	<2
1AR 781	11	177	8	252	.3	213	86	965	13.56	12	<8	2	<2	63	3.1	<3	9	145	2.83	.027	4	145	1.48	33	.18	5	1.82	.06	.33	2
STANDARD C3	26	65	37	165	5.7	37	13	781	3.34	59	22	4	19	28	23.5	18	22	82	.56	.087	19	170	.62	147	.08	20	1.79	.04	.15	20
STANDARD G-2	2	3	3	43	<.3	8	5	554	2.06	<2	<8	<2	4	73	<.2	<3	<3	43	.65	.095	8	80	.62	230	.13	<3	.97	.09	.48	4

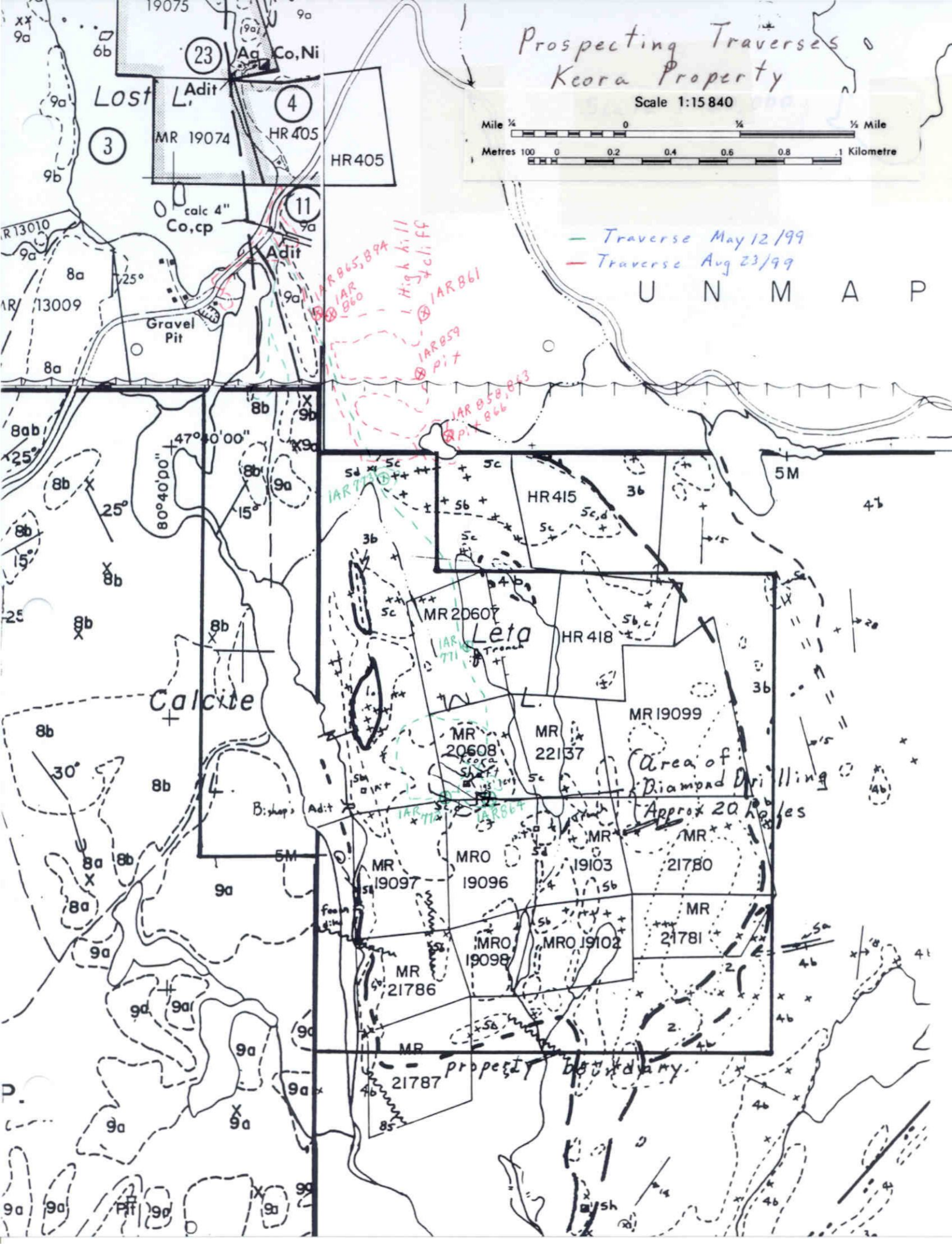
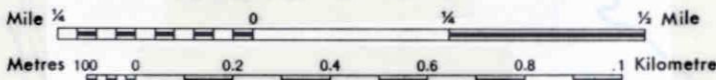
Sample type: PULP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Appendix III

Location Plans

Prospecting Traverses Keora Property

Scale 1:15840



U N M A P

No.

GG-01

Date

May 12/99

Page

1

Large dump - east 8.15
 Port north side calcite creek
 bridge 8.30 a.m.

Walk in to Keora shaft area
 good bush road - trail to north
 end Leta Lake - overgrown road
 to shaft with one beaver pond
 flooding

Large rock dump at shaft
 diabase (gabro) with a few
 pieces of calcite vein material
 red hematite stain very
 obvious on slip faces of larger
 exposed pieces of diabase
 - spend some time breaking
 rock + examining

Diabase is hornblende - anorthite
 with some flk of pyrite - weakly to non-
 magnetic

south on old grid line to
 old survey line - east to 20'
 rock face south end Leta Lake

take a sample - trace sulphide
 trace reddish chlorophan - diabase
 broke handle large hammer

follow drill road SW - several

No.

GG-01

Date

May 12/99

Page

2

pin to 2nd casing ⁴² 290°
 30m by thread

sample at first post south of
 north end Leta Lake - west side
 fine grained diabase

Sample coarse grained diabase
 east side of road 400 m
 south of south side powerline

go in west road to powerline
 hand sample quartz west
 side of swamp at powerline

hand sample gabro c.g.
 east of swamp at powerline

back at truck 4.20 pm

old drillsite - use - one
with casing - check map + comb.
pick up claim line + follow
north

in cedar-balsam swamp
iron bar & wood post

III ~~MR~~ MR 20607, IV MR 20608
posts #4 MK 47692 plate post 4
Site J-5171 also Pearson

Aug 18/67

#4 ~~MR~~ 446690, #3 446688

#1 MK 49309

#1 MR 29731

#4 MR-44569

post - no tag

#4 - MR 2970

back to check casings

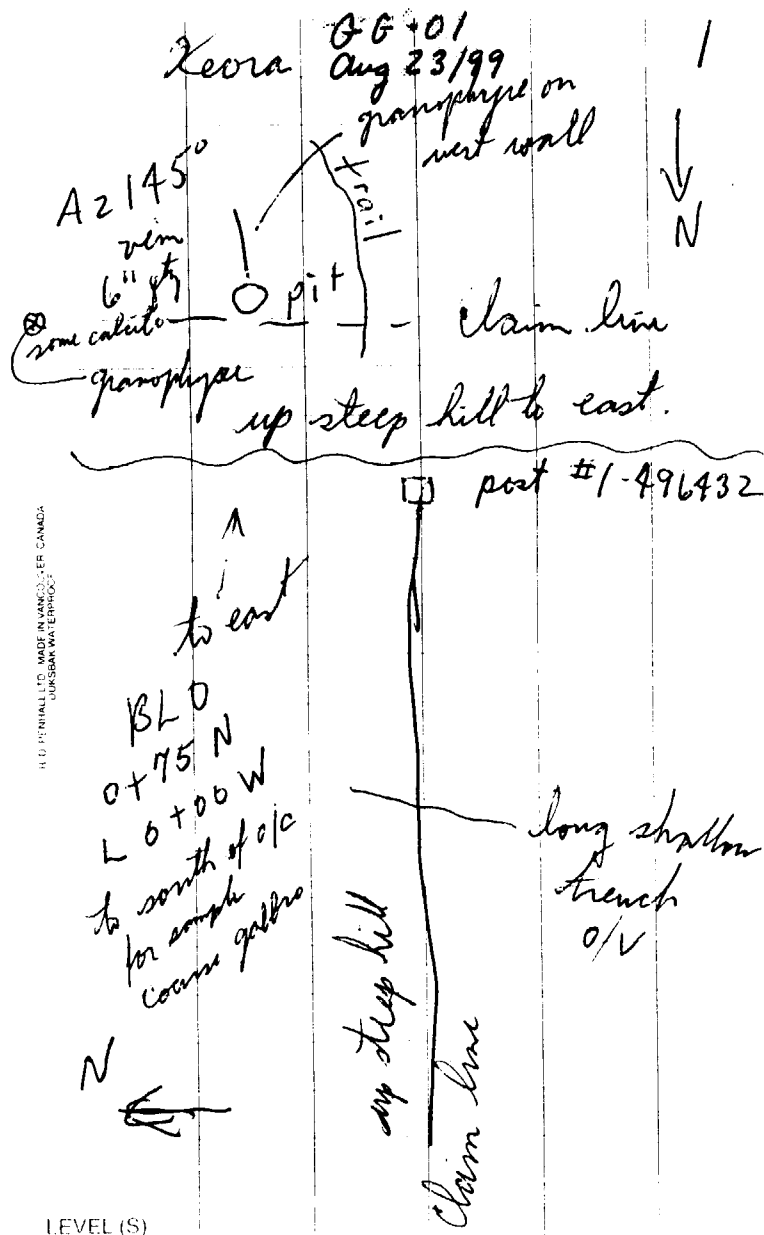
Az 260° 3 set up. SW

19.7m Az 120°

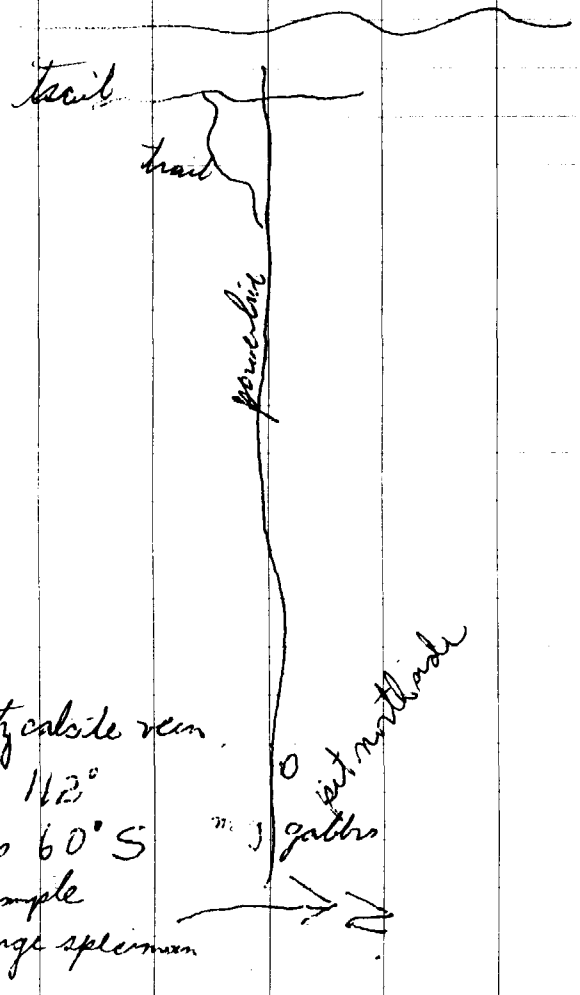
to 2nd casing Az 250°

SE through bush - round
iron bar imbedded in rock

SE to top of high rock of a
coarse grained gabbro - sample

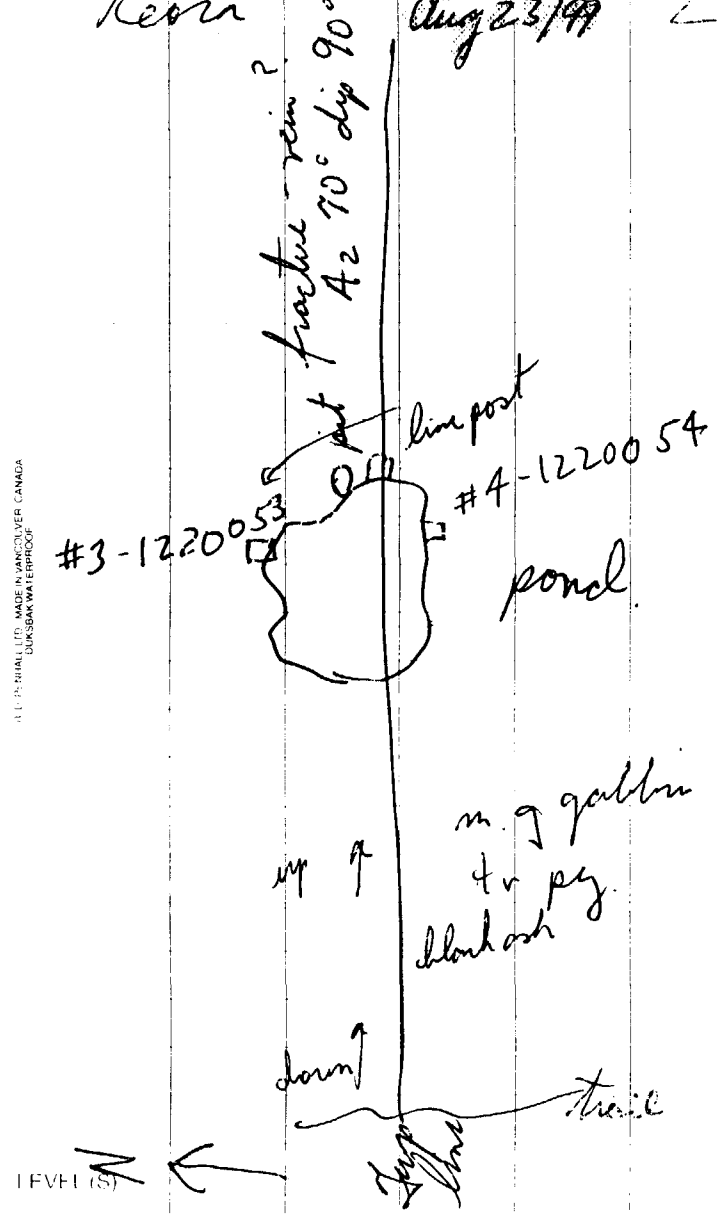


1a
 just east of BL 0+00 N
 #2 post 1217825



Kern
 Aug 23/99

111 PERIALL LTD. MADE IN VANCOUVER CANADA
 DUSIBAK WATERPROOF





Ministry of
Northern Development
and Mines

Declaration of Assessment Work Performed on Mining Land

Mining Act, Subsection 65(2) and 66(3), R.S.O. 1990

Transaction Number (office use)

W0080.00106

Assessment Files Research Imaging



41P10NE2007 2.20165 CHOWN 900

subsection 65(2) and 66(3) of the Mining Act. Under section 8 of the Mining Act, assessment work and correspond with the mining land holder. Questions about the Mining Act should be directed to the Ministry of Northern Development and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury, Ontario N2P 2L6.

99-14
PROVINCIAL RECORDING
OFFICE - SUDBURY
RECEIVED
MAR 01 2000
A.M. 11:20 N.C. P.M.
7|8|9|10|11|12|1|2|3|4|5|6

Instructions: - For work performed on Crown Lands before recording a claim, use form 0240.
- Please type or print in ink.

1. Recorded holder(s) (Attach a list if necessary)

Name <i>Robert MacGregor</i>	Client Number <i>762287</i>
Address <i>28 Ford St</i>	Telephone Number <i>705-949-4250</i>
<i>Sault Ste Marie Ont P6A 4N4</i>	Fax Number <i>705-949-2427</i>
Name	Client Number
Address	Telephone Number
	Fax Number

RECORDED
MAR 01 2000

2. Type of work performed: Check (✓) and report on only ONE of the following groups for this declaration.

Geotechnical: prospecting, surveys, assays and work under section 18 (regs) Physical: drilling stripping, trenching and associated assays Rehabilitation

Work Type <i>Prospecting, Analysis</i>	Office Use
Dates Work Performed From <i>11</i> Day Month <i>5</i> Year <i>99</i> To Day <i>26</i> Month <i>11</i> Year <i>99</i>	Commodity
Global Positioning System Data (if available)	Total \$ Value of Work Claimed <i>749</i>
Township/Area <i>Lawson, Chown</i>	NTS Reference
M or G-Plan Number	Mining Division <i>harder lake</i>
	Resident Geologist District <i>Kirkland lake</i>

Please remember to: - obtain a work permit from the Ministry of Natural Resources as required;
- provide proper notice to surface rights holders before starting work;
- complete and attach a Statement of Costs, form 0212;
- provide a map showing contiguous mining lands that are linked for assigning work;
- include two copies of your technical report.

3. Person or companies who prepared the technical report (Attach a list if necessary)

Name <i>R. MacGregor</i>	Telephone Number <i>705-949-4250</i>
Address <i>28 Ford St S.S.M. Ont P6A 4N4</i>	Fax Number <i>705-949-2427</i>
Name	Telephone Number
Address	Fax Number
Name	Telephone Number
Address	Fax Number

RECEIVED
MAR - 1 2000
GEOSCIENCE ASSESSMENT
OFFICE

4. Certification by Recorded Holder or Agent

I, *Robert MacGregor* (Print Name), do hereby certify that I have personal knowledge of the facts set forth in this Declaration of Assessment Work having caused the work to be performed or witnessed the same during or after its completion and, to the best of my knowledge, the annexed report is true.

Signature of Recorded Holder or Agent <i>[Signature]</i>	Date <i>Dec 10/99</i>
Agent's Address	Telephone Number
	Fax Number

5. **Work to be recorded and distributed.** Work can only be assigned to claims that are contiguous (adjoining) to the mining land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this form.

W0080.00106

Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.	Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim.	Value of work assigned to other mining claims.	Bank. Value of work to be distributed at a future date
eg TB 7827	16 ha	\$26,825	N/A	\$24,000	\$2,825
eg 1234567	12	0	\$24,000	0	0
eg 1234568	2	\$ 8,892	\$ 4,000	0	\$4,892
1 L446688	1	149			149
2 L446690	1	150			150
3 L495403	1	150			150
4 L495404	1	150			150
5 L496432	1	150			150
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
Column Totals		749			749

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MAR - 1 2000
GEOSCIENCE ASSESSMENT
OFFICE

I, Robert MacGregor (Print Full Name), do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim where the work was done.

Signature of Recorded Holder or Agent Authorized in Writing: [Signature] Date: Dec 10/99

6. Instruction for cutting back credits that are not approved.

Some of the credits claimed in this declaration may be cut back. Please check (✓) in the boxes below to show how you wish to prioritize the deletion of credits:

- 1. Credits are to be cut back from the Bank first, followed by option 2 or 3 or 4 as indicated.
- 2. Credits are to be cut back starting with the claims listed last, working backwards; or
- 3. Credits are to be cut back equally over all claims listed in this declaration; or
- 4. Credits are to be cut back as prioritized on the attached appendix or as follows (describe):

_____ VALUE OF ASSESSMENT WORK × 0.50 = _____

Note:

Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.

For Office Use Only

Received Stamp	Deemed Approved Date	Date Notification Sent
	Date Approved	Total Value of Credit Approved
Approved for Recording by Mining Recorder (Signature)		

Personal information collected on this form is obtained under the authority of subsection 6(1) of the Assessment Work Regulation 6/96. Under section 8 of the Mining Act, the information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to the Chief Mining Recorder, Ministry of Northern Development and Mines, 6th Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

Work Type	Units of Work <small>Depending on the type of work, list the number of hours/days worked, metres of drilling, kilometres of grid line, number of samples, etc.</small>	Cost Per Unit of work	Total Cost
Prospecting	2 days	150/day	300 -
Sample prep	12 samples	4.25/sample + GST	54.57
Analysis	"	6.60/sample + GST	84.74
Report, examination of samples, shipping samples etc	1 day	150/day	150 -
Associated Costs (e.g. supplies, mobilization and demobilization).			
Photocopies, stationary supplies			8 -
Transportation Costs			
150 km @ 40¢/km			60 -
Food and Lodging Costs			
Motel (1 night)			42.80
Meals (2 days)			48.80
Total Value of Assessment Work			749

RECEIVED
MAR - 1 2000
GEOSCIENCE ASSESSMENT OFFICE

Calculations of Filing Discounts:

1. Work filed within two years of performance is claimed at 100% of the above Total Value of Assessment Work.
2. If work is filed after two years and up to five years after performance, it can only be claimed at 50% of the Total Value of Assessment Work. If this situation applies to your claims, use the calculation below:

TOTAL VALUE OF ASSESSMENT WORK x 0.50 = Total \$ value of worked claimed.

Note:

- Work older than 5 years is not eligible for credit.
- A recorded holder may be required to verify expenditures claimed in this statement of costs within 45 days of a request for verification and/or correction/clarification. If verification and/or correction/clarification is not made, the Minister may reject all or part of the assessment work submitted.

Certification verifying costs:

I, Robert MacGregor (please print full name), do hereby certify, that the amounts shown are as accurate as may reasonably be determined and the costs were incurred while conducting assessment work on the lands indicated on the accompanying Declaration of Work form as (recorded holder, agent, or state company position with signing authority) I am authorized to make this certification.

Signature: [Signature] Date: Dec 10/99

Geoscience Assessment Office
933 Ramsey Lake Road
6th Floor
Sudbury, Ontario
P3E 6B5

Telephone: (888) 415-9845
Fax: (877) 670-1555

April 14, 2000

ROBERT ALLAN MACGREGOR
28 FORD STREET
SAULT STE. MARIE, Ontario
P6A-4N4

Visit our website at:
www.gov.on.ca/MNDM/MINES/LANDS/mlsmnpge.htm

Dear Sir or Madam:

Submission Number: 2.20165

Status

Subject: Transaction Number(s): W0080.00106 Approval

We have reviewed your Assessment Work submission with the above noted Transaction Number(s). The attached summary page(s) indicate the results of the review. **WE RECOMMEND YOU READ THIS SUMMARY FOR THE DETAILS PERTAINING TO YOUR ASSESSMENT WORK.**

If the status for a transaction is a 45 Day Notice, the summary will outline the reasons for the notice, and any steps you can take to remedy deficiencies. The 90-day deemed approval provision, subsection 6(7) of the Assessment Work Regulation, will no longer be in effect for assessment work which has received a 45 Day Notice. Allowable changes to your credit distribution can be made by contacting the Geoscience Assessment Office within this 45 Day period, otherwise assessment credit will be cut back and distributed as outlined in Section #6 of the Declaration of Assessment work form.

Please note any revisions must be submitted in **DUPLICATE** to the Geoscience Assessment Office, by the response date on the summary.

If you have any questions regarding this correspondence, please contact **BRUCE GATES** by e-mail at bruce.gates@ndm.gov.on.ca or by telephone at (705) 670-5856.

Yours sincerely,



ORIGINAL SIGNED BY
Blair Kite
Supervisor, Geoscience Assessment Office
Mining Lands Section

Work Report Assessment Results

Submission Number: 2.20165

Date Correspondence Sent: April 14, 2000

Assessor: BRUCE GATES

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W0080.00106	446688	LAWSON, HAULTAIN, CHOWN	Approval	April 11, 2000

Section:

9 Prospecting PROSP

Correspondence to:

Resident Geologist
Kirkland Lake, ON

Recorded Holder(s) and/or Agent(s):

ROBERT ALLAN MACGREGOR
SAULT STE. MARIE, Ontario

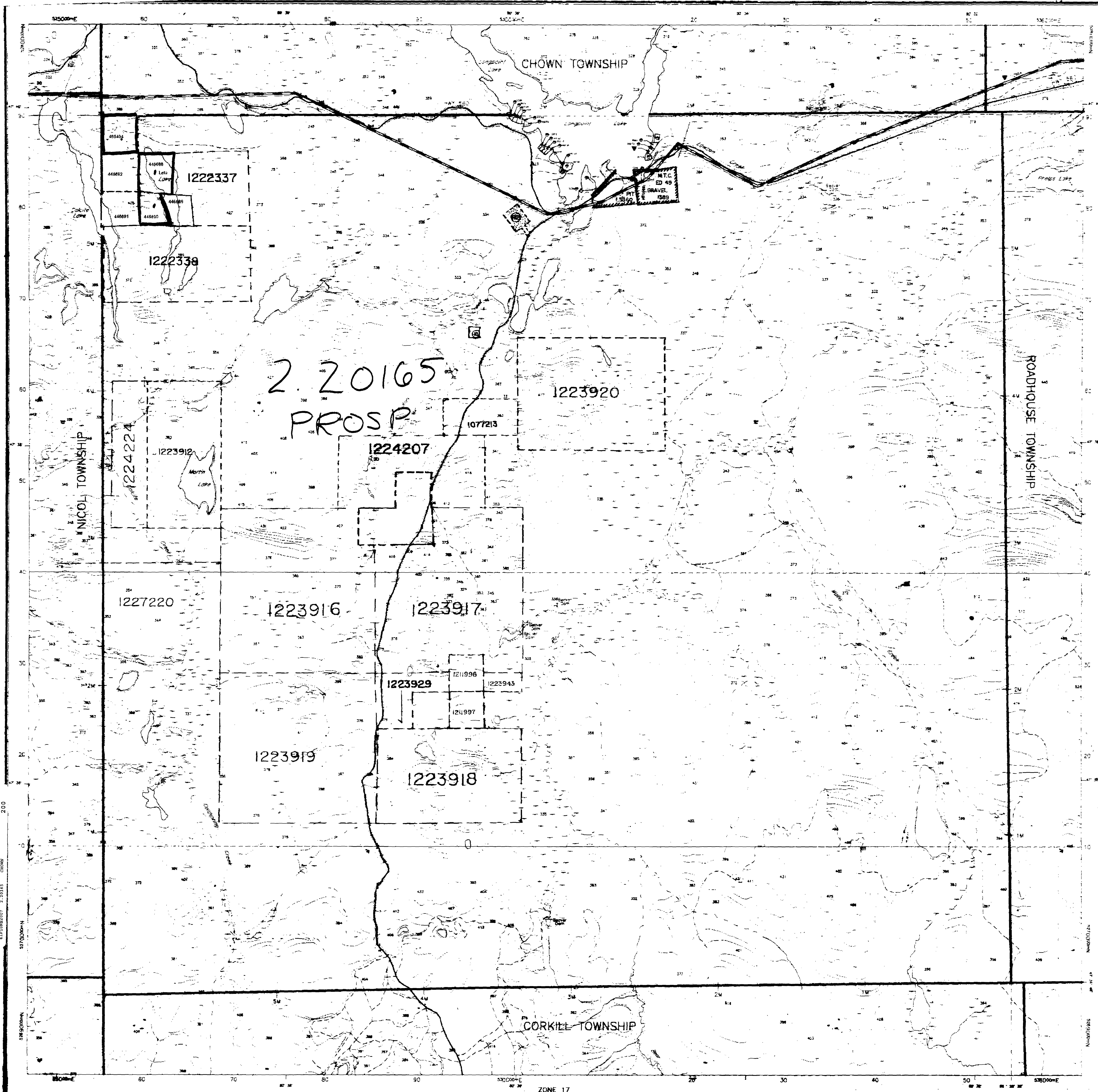
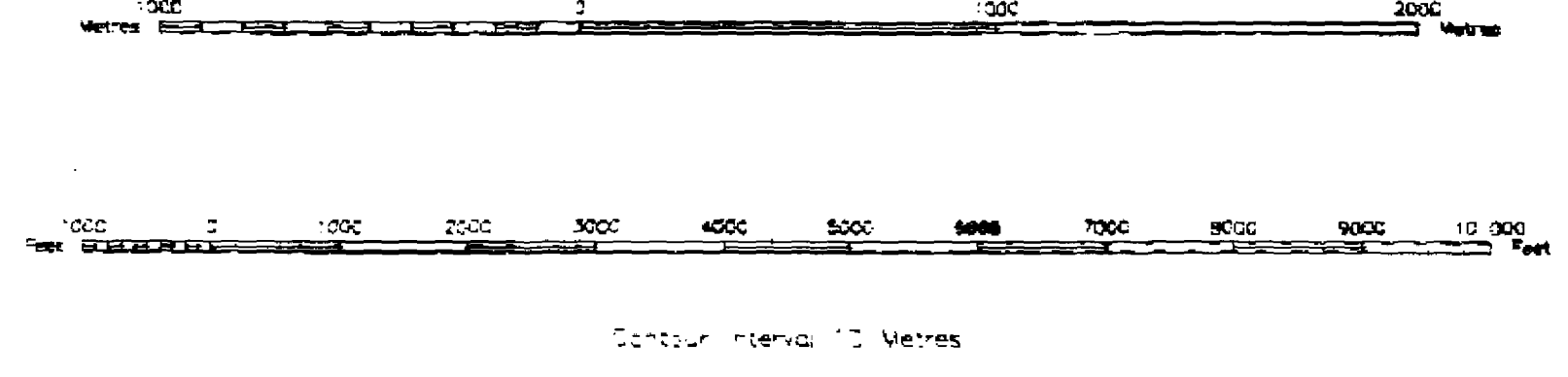
Assessment Files Library
Sudbury, ON

INDEX TO LAND DISPOSITION

PLAN
G - 3663
 TOWNSHIP
LAWSON

M.N.R. ADMINISTRATIVE DISTRICT
KIRKLAND LAKE
 MINING DIVISION
LARDER LAKE
 LAND TITLES/REGISTRY DIVISION
TIMISKAMING

Scale 1:20 000



SYMBOLS

Boundary	
Administrative District	—
Township, Meridian, Baseline	—
Road allowance: surveyed	—
shoreline	—
Lot/Concession: surveyed	—
unsurveyed	—
Parcel: surveyed	—
unsurveyed	—
Right-of-way: road	—
railway	—
utility	—
Reservation	—
Chf. Pt. File	—
Contour	—
Interpolated	—
Approximate	—
Depression	—
Control point (horizontal)	—
Flooded land	—
Wire short	—
Pipeline (above ground)	—
Railway: single track	—
double track	—
stationed	—
River/Stream/Creek	—
Intermittent	—
Road: highway, county, township	—
access	—
Iron: Bush	—
Shoreline (original)	—
Transmission line	—
Wooded area	—

AREAS WITHDRAWN FROM DISPOSITION

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

Areas withdrawn from staking under Section 43 of the Mining Act (R.S.O. 1970).

LAND USE PERMIT #07397 ISSUED 05/09/91
 W.L. 58/96 MNR SEPT 17/96 SRO DUMP

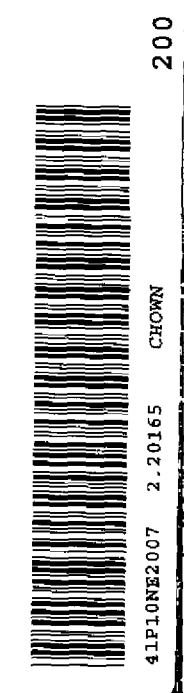
ADD: Surface Rights along the shores of all lakes and rivers.

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	—
Land Use permit	—

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

CIRCULATED AUGUST 19, 1996
 ARCHIVED SEPT. 17, 1996



4310R0207 7.20165 CROWN

ST05-

HWI MATJUAN TWP

ST05-

MAP SYMBOLOLOGY

Aerial Cableway	Pipeline (above ground)
Boundary (International)	Railroad (Single track)
Boundary (Inter-provincial)	Double track
Boundary (Municipal)	Abandoned
Boundary (County)	Road (Municipal, County, Township)
Boundary (Park)	Along road of negligible importance or highway
Boundary (Water)	Trail, Back Road (Unimproved)
Bridge	Rapids
Building	Double line river with multiple rapids
Chimney	Reservoir
Cliff, Pit, Pile	River, Stream, Canal
Contours	Approximate (seasonal)
Depression	Location of Fall
Interpretation	Rock (lightweight)
Interruption	Shoal
Control Points (Horizontal)	Spot Elevation (above elevation)
Control Points (Vertical)	Tower
Culvert	Transmission Line
Falls	Power Pole
Double line river	Tunnel
Fence, Hedge, Wall	Utility Poles
Feature Outline (Construction features, etc.)	Wharf, Dock, Pier
Flooded Land	Wooded Area
Lock	
Marsh or Swamp	
Mast	
Mine Head Frame	
Outcrop	

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

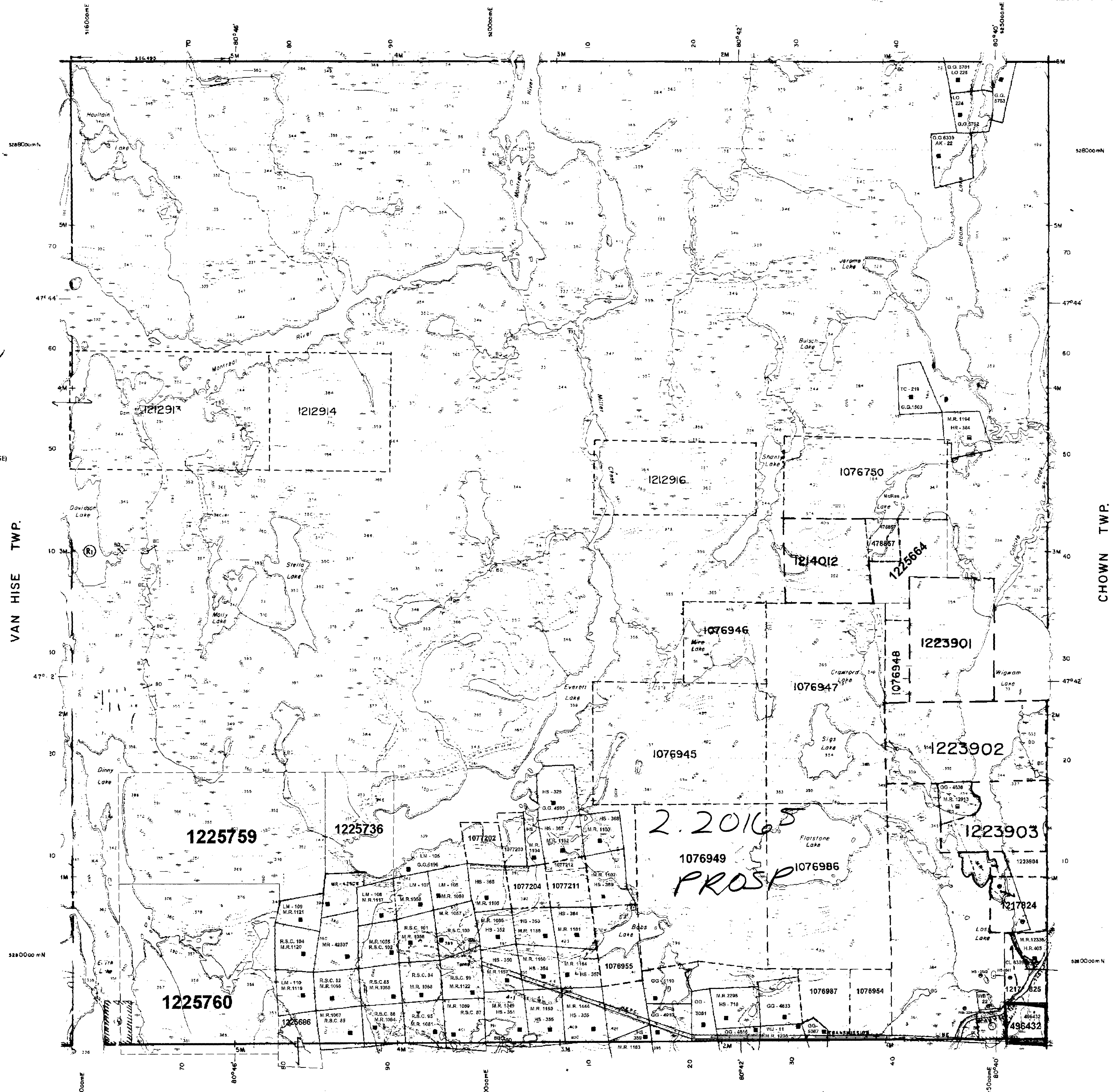
SAND AND GRAVEL

- M.T.C. PIT No. 3734
- M.T.C. PIT 1532

MOREL TWP.

geology reference-COBALT

RESIDENT GEO.



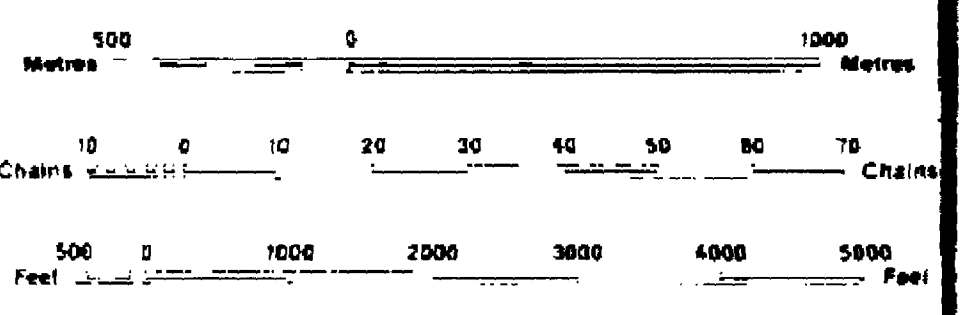
LEGEND

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 MUSKIEG	
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	OC
ORDER IN COUNCIL	OC
RESERVATION	○
CANCELLED	○
SAND & GRAVEL	○

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 4, 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1910, CHAP. 380 SEC. 83, SUBSEC. 1

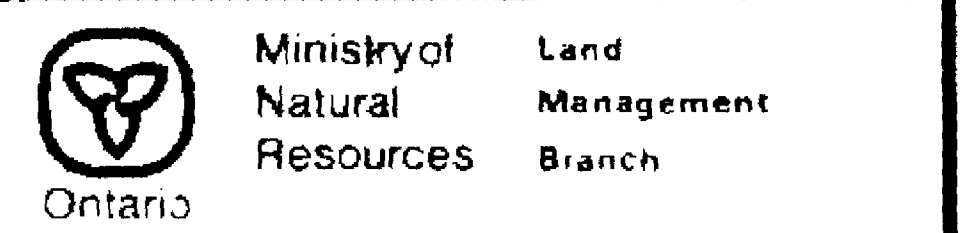


SCALE 1:20 000
GRID ZONE 17

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.

Revised and checked Feb/87

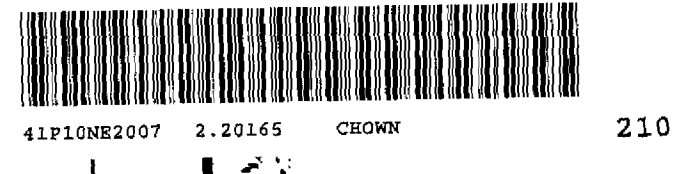
TOWNSHIP
HAULTAIN
M.N.R. ADMINISTRATIVE DISTRICT
KIRKLAND LAKE
MINING DIVISION
LARDER LAKE
LAND TITLES & REGISTRY DIVISION
TIMISKAMING



Original Compilation MAY 1985
Number **G-3972**
Revised:

ARCHIVED SEPT. 18, 1996

A COPY OF THIS MYLAR ARCHIVED MAY 06, 1996

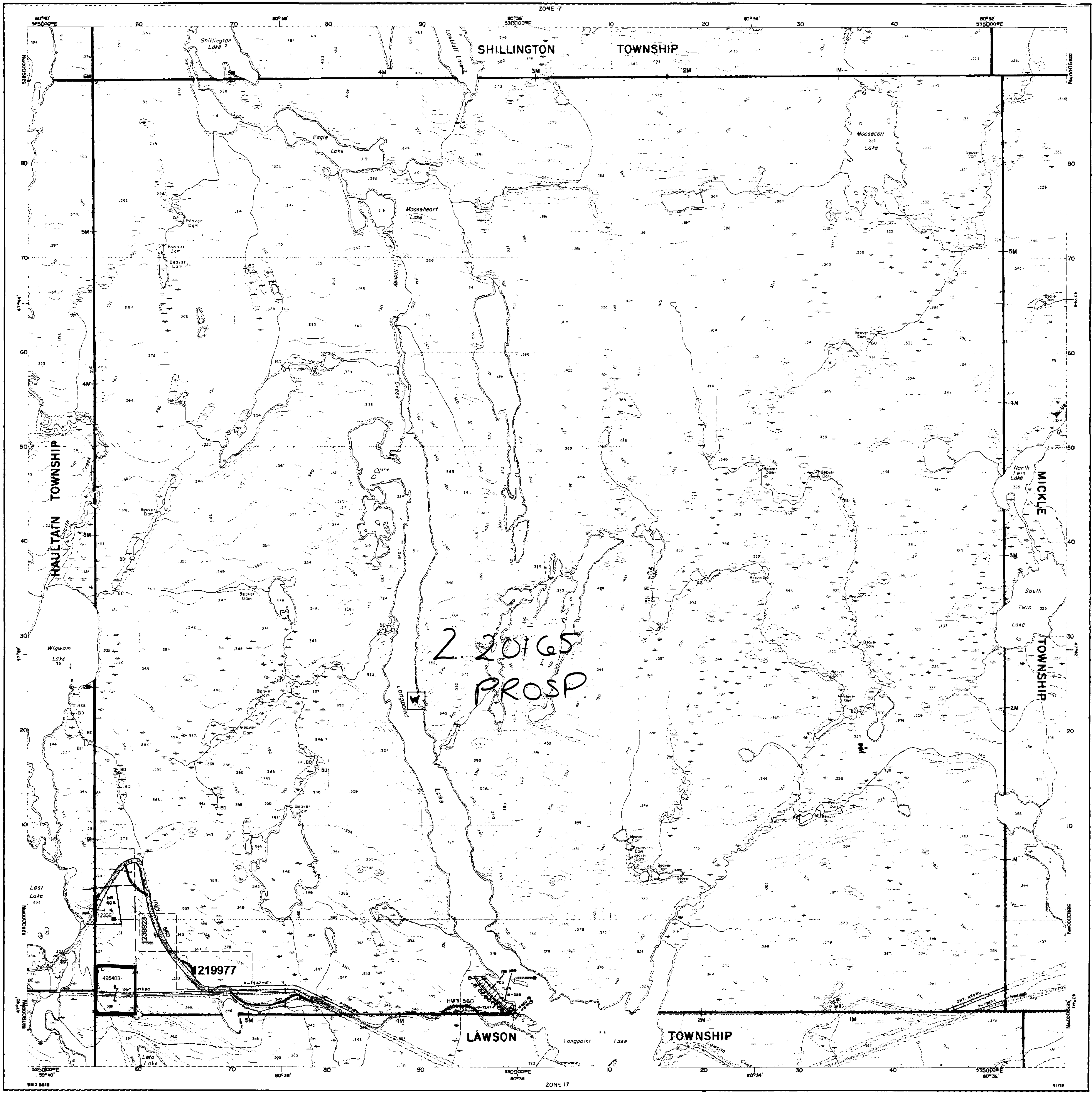


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ST05-

HWI MATJUAN TWP

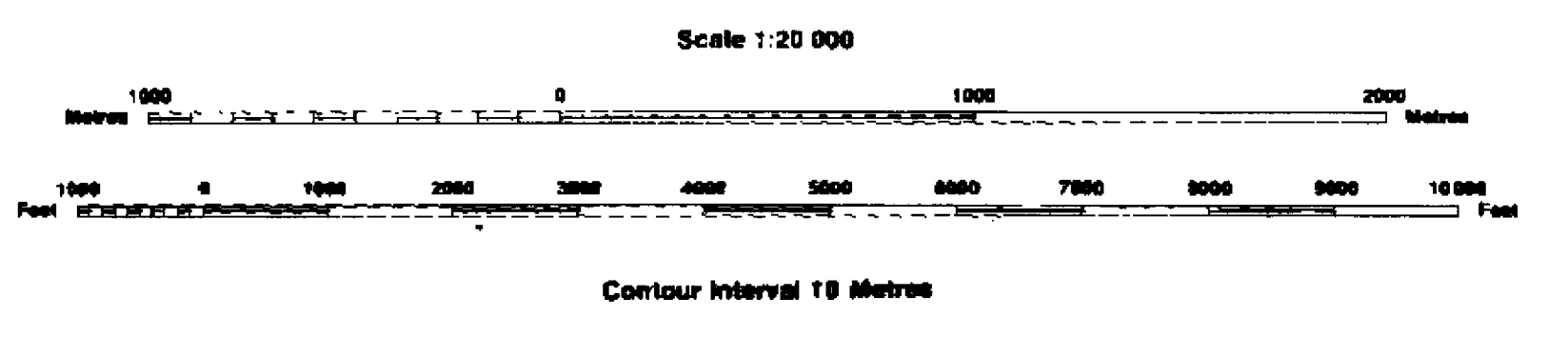
ST05-



INDEX TO LAND DISPOSITION

PLAN
G-3618
 TOWNSHIP
CHOWN

M.N.R. ADMINISTRATIVE DISTRICT
KIRKLAND LAKE
 MINING DIVISION
LARDER LAKE
 LAND TITLES/REGISTRY DIVISION
TIMISKAMING



AREAS WITHDRAWN FROM DISPOSITION
 MRQ - 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, township
- access
- trail, bush
- Shoreline (original)
- Transmission line
- Wooded area

Description	Order No.	Date	Disposition	File
W 5633/90	W 5633/90	11/19/90	MRL	
W 5633/90	W 5633/90	11/19/90	MRL	


 AREA DETERMINED IN NEED OF PROTECTION BY THE CROWN AND WILL REMAIN WITHDRAWN INDEFINITELY.

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

NOTICE OF FORESTRY ACTIVITY
 THIS TOWNSHIP / AREA FALLS WITHIN THE ELK LAKE MANAGEMENT UNIT AND MAY BE SUBJECT TO FORESTRY OPERATIONS. THE FOREST UNIT FORESTER FOR THIS AREA CAN BE CONTACTED AT: P.O. BOX 229 SWASTKA, ONT. POK 1T0 708-642-3222

ARCHIVED SEPT. 18, 1996

CIRCULATED AUG. 18, 1992 B.R.B.

