



52F11NE0214 2.11821 BUCHAN BAY (EAGLE LA

010

REPORT ON
GEOLOGICAL SURVEY
OF THE
MERIDIAN BAY PROPERTY
OF
EAGLE LAKE EXPLORATION LTD.
BUCHAN BAY AREA
KENORA MINING DIVISION
ONTARIO

RECEIVED
NOV 16 1988
MINING LANDS SECTION

Prepared by:

JWR
J. W. Redden, B. Sc.
Box 117
Wabigoon, Ont.
POV 2W0
tel. (807) 938-6915

*Final
1942*

Oct. 27. 1988.

INTRODUCTION:

The property was covered by magnetic and VLF surveys during the spring of 1988. The geological mapping was carried out by the author during the summer of 1988. The mapping was done to aid in the interpretation of the geophysics as well as provide direct data on the rock types and mineralization on the claims.

LOCATION:

The claim group is located in the south central part of Eagle Lake at the mouth of Meridian Bay. This location is 30km west southwest of Dryden, Ontario.

ACCESS:

Access by boat from any of the several landings on the north shore of Eagle Lake is the easiest and most convenient method of travel. Several old logging roads on the property connect with the Bear Narrows Road to the south of Meridian Bay and may provide a land-based access route to the claims.

PHYSIOGRAPHY:

The area consists of a series of north-south parallel ridges and valleys which reflect the strike of the bedrock. Outcrop is common along the ridges and shore of the lake. Till covers the bedrock in the valleys. Jack pine and spruce predominate on the ridges while a mixture of poplar, balsam, birch, spruce and jackpine grows on the lower ground. Red pine is restricted to the rocky ridges adjacent to Eagle Lake.

The level of Eagle Lake is several feet below normal. Most of the shoreline is boulders, however it is possible to easily walk most of the shoreline.

THE PROPERTY:

The Meridian Bay Gold Property consists of 12 claims. Eleven of the claims were optioned from J. Harrison of Eagle River, Ont. The other claim was staked on behalf of Eagle Lake Resources Ltd.

Claim No.	Recording Date	Work Filed	Good To
K 851594	Jan 13, 1986	60 days	Jan 13, '89
K 851595	"	"	"
K 851596	"	"	"
K 851597	"	"	"
K 851598	"	"	"
K 851599	"	"	"
K 851600	"	"	"
K 855981	"	"	"
K 855982	"	"	"
K 855983	"	"	"
K 855984	"	"	"
K 904802	Mar 2, 1988	"	Mar 2, '91

Claims K 855983 and K 904802 are totally covered by water and are not included in the geological survey.

Additional work credits will be given for this present survey. A total of 440 days will be required by Jan. 13/89 to keep the claims in good standing.

PREVIOUS WORK:

Exploration was carried out in the late 1960's and 70's for base metals on the western part of the present claim group by several companies. Work was limited to geophysics and some dozer stripping on a sulphide showing on the present claims. A single hole was drilled just to the north of the present claims.

The work did not result in significant base metal values.

The presence of gold in a quartz vein, within the sulphide showing previously stripped was discovered by J. Parker, a geologist with the Ontario Ministry of Northern Development and Mines. This showing was staked by J. Harrison.

During the spring of 1988, Eagle Lake Resources Ltd. conducted magnetic and VLF surveys on the claims.

GEOLOGICAL SURVEY:

All lines on land were traversed. Additional traverses were made between lines in the vicinity of VLF conductors and along the entire shoreline of the claims.

A total of 41 samples were collected and analysed.

The results of the geological survey are presented on the map enclosed in the pocket at the end of this report.

GENERAL GEOLOGY:

The claims are underlain by a series of predominantly mafic flows with minor felsic to intermediate tuffs. A few diorite dykes intrude the volcanics in the western part of the property.

Structural data is sparse however the entire sequence on the claims appears to face east. All dips are vertical. No evidence of folding was seen in the field.

ROCK TYPES:

Mafic Pillowed Flows:

These rocks are prominently exposed on the east shore of Meridian Bay on the southwestern part of the property. They are medium green in outcrop and dark green to black when fresh. Dips are generally vertical. The pillows are severely elongated, with a length:thickness ratio of 1:5 to greater than 1:20. To the south of the claims the pillows are so compressed that the rock appears to be banded. The rock is basaltic to andesitic in composition.

Pahoehoe Flows:

These rocks are exposed to the east of the mafic pillowed flows interlayered with massive mafic flows. Weathered surfaces show an irregular structure of convoluted shapes within the flows. Selvages have been altered which highlights the convolutions. No pillowed structures are apparent, thus the units are not considered to be a pillow breccia. This rock is also considered to be basaltic to andesitic in composition.

Massive Mafic Flows:

These rocks are also dark green to black, uniform, massive, basaltic to andesitic and weather to a medium green. They generally form thin (5-10m) units within the pahoehoe flows. The occasional medium grained basalts encountered are considered to be the central portions of thicker flows. No bedding or layering was seen. Tuff may be present but none was identified in outcrop. A portion of this unit inland is likely pahoehoe flows, however the internal structures were not apparent on the unweathered outcrops.

Agglomerate:

Agglomerate consists of felsic fragments in a tuffaceous groundmass. Agglomerate is uncommon.

Felsic/Intermediate Tuff;

These rocks are dark coloured both in outcrop and in freshly broken pieces. They are more common towards the eastern part of the property. A casual look at the rock in outcrop does not separate it from the mafic volcanics. No layering or other internal structures are visible, however they are considered more likely to be tuffs than flows. Mineral identification in hand specimen is not possible due to the very fine grain size. They are tentatively classified as rhyodacite tuff.

Diorite:

Diorite exposures on the claims are restricted to a few narrow dykes in the western part of the claims. The rock is coarse grained and consists principally of feldspar with less than 10% mafic minerals. Occasionally the rock is porphyritic. The rock is off-white, both on fresh and weathered surfaces. The composition is similar to that of the granodiorite/diorite that forms the batholith to the west and southwest of Meridian Bay.

SHEARING:

Shearing is present in outcrop at several locations on the claims. Where observed the shearing is bounded by rather distinct walls without a gradual decrease in the intensity of the shearing. Carbonatization is present in all examples with silicification present in some. Sulphides. (pyrite and pyrrhotite, occasionally chalcopyrite) are present in some shears.

Most of the VLF anomalies are believed to be shear zones. The most prominent VLF anomalies are not exposed in outcrop and the character of these zones remains unknown.

ECONOMIC GEOLOGY:

The main showing on the property is a massive sulphide deposit located at 4+90W, 4+60N along the shore of Eagle Lake. The sulphides have an exposed width of 10' and can be followed discontinuously in a northerly direction for 200'. The zone continues to the north under the waters of the lake.

The south end of the zone is marked by a 12-18" width of intensely sheared mafic volcanics and gouge exposed in a cliff face. The shearing strikes northeasterly in the outcrop face however it quickly changes to strike northerly a few feet back from the face.

The northern exposure of the zone exhibits sulphides (mainly pyrite) occupying irregular zones within the mafic volcanics over a width of 15-20'. The mineralization is controlled by these zones which represent pillow selvages or selvages within the pahoehoe flows. This type of occurrence is known to be present at several other locations in the area. Within the massive sulphides is a vein of white quartz 2-3" wide and exposed for a length of 3' striking north and with a vertical dip. The vein contains 2-5% chalcopyrite. Gold is present in the vein but not in the adjacent sulphides. Sample M-21 is from this vein. No other quartz vein was observed in place but several pieces of white quartz are present along the shore for 200' to the north. This suggests the possibility that other auriferous quartz veins may be present within this sulphide zone.

Along the shore near 5+00W, 1+85S is an area of rubble consisting of sheared silicified mafic volcanics. Other than being frost-heaved, the material appears to be in place. No solid bedrock is exposed but the zone appears to be 2-5' wide with a north-south strike. This strike is parallel to a strong VLF conductor (Anomaly C) interpreted to lie just to the east under Eagle Lake.

Numerous other sulphide-bearing zones were found during the mapping. None of these other zones contained significant gold values although anomalous base metal values were present in several of them. The locations of the samples are present on the map in the pocket. Complete analyses are given in Appendix I.

CONCLUSIONS:

1. Gold occurrences found to date are associated with silicified zones.
2. The gold occurrence located at 4+90W, 4+60N is too small to be of merit in itself.
3. The gold occurrence located at 5+00W, 1+85S may represent the eastern edge of a strong VLF conductor, indicating the possibility of a major gold-bearing zone to the west under the lake.
4. The sources of most of the VLF conductors were not discovered. Shear zones were found to be the cause of those that were discovered.
5. The source of the magnetic highs was not discovered. The two point magnetic highs on line 1W at 12+25N and 12+75N of the magnetic survey appear to be spurious results. The other magnetic highs appear to be due to pyrrhotite with possible minor magnetite.
6. The strong VLF conductor extending northward from the southeast corner of the property occupies a lineament. The western side of this lineament is a discontinuous cliff face up to 60-70' high. This suggests a major shear as the cause of the conductor.
7. Additional exploration is required to fully evaluate the property.

RECOMMENDATIONS:

1. Stripping and trenching be carried out to expose as many of the VLF conductors as possible.
2. All stripped and trenched areas be sampled and the samples analysed for Au and Cu.
3. Preliminary diamond drilling be carried out to test targets not exposed by 1. and 2. above. Local detailed HEM would precede the drilling to more accurately define the precise drill hole locations.

PROPOSED EXPLORATION PROGRAMME:

Many of the VLF conductors can be stripped or trenched. This will be an efficient and inexpensive method to evaluate these anomalies. Horizontal EM will be used to pinpoint VLF conductors under water and swamp to assist the spotting of drill holes. Three or four drill holes will be required to test conductors of primary interest. Additional work will be proposed based on the results of this preliminary programme.

Cost Estimate:

Stripping, Trenching, Sampling and Assays		20,000
HFM		3,000
Preliminary Diamond Drilling	1000'	40,000
	Subtotal	63,000
	Contingency	7,000
	TOTAL	\$70,000.00

APPENDIX 1 - SAMPLE DESCRIPTIONS AND ASSAYS

Sample	Description
M-1	carbonated shear
M-2	" " , very minor qtz, po, cp
M-3	carb, qtz, po, py along joints
M-4	rusty qcv
M-5	gossan 10'+ wide, dissem. po, cp
M-6	rust and dissem po
M-7	4' shear
M-8	carbonated shear
M-9	dissem. py and po
M-10	" " , minor qv
M-11	" "
M-12	5-10% py along pillow selvages
M-13	minor qv in shear
M-14	minor rust in shear
M-15	minor silicified zone, py, cp, po?
M-16	dissem. and streaks of sulphide in shearing
M-17	dissem. and blebs of py in shear
M-18	silicified zone, minor po
M-19	" " " " 10' from M-18
M-20	14" width of fault gouge
M-21	qv with cp
M-22	dissem. py, po, cp, rusty
M-23	qv with po, py, cp, local float
M-24	9' chip of massive py and po
M-25	silicified with po and py
M-26	qv, minor rust
M-27	carbonated with trace cp
M-28	" " " po and cp
M-29	" shear
M-30	1" qv with py
M-31	minor py in silicified zone
M-32	1-2% po in " "
M-33	irregular qtz blebs
M-34	qv, 2", no rust or sulphides
M-35	sugary quartz bleb
M-36	silicified, carbonated shear
M-37	qs with carb, minor py
M-38	dissem. po, cp?
M-39	silicified shear, trace py
M-40	shear, no qtz
M-41	minor qv in shear

SAMPLE	CaO %	MgO %	Na2O %	K2O %	Fe2O3 %	TiO2 %	P2O5 %
M-1	7.27	6.96	1.91	0.67	8.76	0.767	0.09
M-2	4.34	2.98	0.69	0.24	4.12	0.3	0.04
M-3	10.9	7.96	2.43	0.23	13.8	0.767	0.09
M-4	7.41	5.64	0.48	0.09	8.39	0.584	0.04
M-5	3.64	3.31	3.49	0.96	3.45	0.367	0.09
M-6	11.2	5.97	1.27	0.55	10.3	1.1	0.11
M-7	7.55	8.62	2.54	0.59	13.4	0.867	0.09
M-8	13.6	7.63	2.4	0.14	9.34	0.767	0.09
M-9	9.79	5.8	1.79	0.14	11	1	0.09
M-10	5.04	4.31	1.35	0.06	6.09	0.534	0.04
M-11	6.99	7.29	1.8	0.07	10.1	0.867	0.09
M-12	7.27	7.79	1.78	1.01	15.2	0.8	0.09
M-13	4.2	9.28	1.86	0.02	11.4	0.884	0.09
M-14	9.65	6.96	1.88	0.08	15.6	0.917	0.11
M-15	11.6	5.14	2.03	0.12	11.1	0.984	0.09
M-16	9.37	6.13	2.11	0.29	9.64	0.884	0.09
M-17	10.6	6.63	2.02	0.12	9.7	0.984	0.09
M-18	12	4.97	1.39	0.48	9.91	0.8	0.11
M-19	10.9	6.96	1.15	0.14	11.7	0.8	0.09
M-20	7.13	7.13	3.16	0.52	12.9	0.984	0.09
M-21	6.85	2.82	0.06	-0.01	5.42	0.117	0.02
M-22	11.5	1.82	1.01	0.02	17	0.467	0.04
M-23	9.79	4.31	1.22	0.15	7.65	0.717	0.09
M-24	7.55	5.3	2.27	0.12	15.2	0.817	0.09
M-25	10.5	8.45	1.34	0.09	11.6	0.75	0.09
M-26	1.96	0.69	0.17	0.02	1.53	0.067	0.02
M-27	10.9	6.8	2.08	0.12	10.4	0.884	0.09
M-28	15.4	6.8	0.15	0.26	8.66	0.617	0.04
M-29	16.1	18.2	-0.05	0.17	13.9	0.667	0.09
M-30	8.11	4.81	1.85	0.26	7.87	0.517	0.09
M-31	12.9	3.65	0.29	0.02	10.3	0.7	0.09
M-32	9.93	8.62	0.93	0.09	16.4	0.734	0.09
M-33	4.76	5.14	1.22	0.08	6.28	0.467	0.09
M-34	3.64	3.98	0.61	0.05	4.04	0.283	0.02
M-35	1.08	1.66	0.1	0.02	-0.02	0.11	-0.02
M-36	8.95	8.12	2.07	0.06	-0.02	0.467	0.07
M-37	6.57	9.61	1.63	0.15	-0.02	0.4	0.07
M-38	6.71	6.96	1.51	0.15	-0.02	0.75	0.14
M-39	1.27	3.15	0.9	0.17	-0.02	0.283	0.07
M-40	5.87	10.9	2.14	0.12	-0.02	0.55	0.09
M-41	4.34	2.82	0.78	0.06	-0.02	0.217	0.16

(v indicates less than value v)

APPENDIX I - MERIDIAN BAY PROPERTY - ASSAY RESULTS

SAMPLE	Ag ppm	Au ppb	Co ppm	Cr ppm	Cu ppm	Ni ppm	Zn ppm
M-1	-0.5	12	41	200	130	92	99
M-2	-0.5	35	27	240	1400	49	67
M-3	-0.5	7	46	210	79	89	96
M-4	-0.5	43	37	250	370	49	83
M-5	-0.5	34	18	250	300	46	53
M-6	-0.5	12	62	380	310	170	120
M-7	-0.5	7	51	330	120	190	130
M-8	-0.5	16	45	160	92	100	88
M-9	-0.5	11	41	260	280	65	100
M-10	-0.5	78	33	200	800	67	49
M-11	-0.5	-5	48	190	83	96	96
M-12	-0.5	11	110	310	280	110	62
M-13	-0.5	-5	56	180	64	97	120
M-14	-0.5	6	53	230	300	72	89
M-15	-0.5	30	58	220	1200	52	71
M-16	-0.5	14	52	210	160	100	82
M-17	-0.5	32	59	250	190	100	84
M-18	-0.5	32	53	270	190	100	90
M-19	-0.5	210	43	230	160	90	110
M-20	-0.5	52	54	160	340	100	90
M-21	7.5	9500	66	410	17000	260	140
M-22	1	26	87	190	110	34	36
M-23	-0.5	-6	23	240	160	46	53
M-24	-0.5	16	28	180	970	26	58
M-25	-0.5	-6	47	250	75	96	110
M-26	-0.5	10	7	290	670	22	28
M-27	-0.5	9	53	200	180	100	110
M-28	-0.5	8	17	200	950	95	78
M-29	-0.5	26	110	1700	130	1000	120
M-30	-0.5	13	33	180	370	72	74
M-31	-0.5	6	25	240	54	62	53
M-32	-0.5	-6	57	190	460	78	160
M-33	-0.5	-5	27	200	46	52	98
M-34	-0.5	7	18	200	16	38	56
M-35	-0.5	-5	10	300	27	31	32
M-36	-0.5	-6	40	350	85	120	87
M-37	-0.5	-6	44	370	82	120	76
M-38	-0.5	13	89	70	510	55	120
M-39	-0.5	-5	23	250	120	36	40
M-40	-0.5	-8	55	150	86	150	100
M-41	-0.5	5	14	210	40	46	34

(-v indicates less than value v)

APPENDIX 1 -- MERIDIAN RAY PROPERTY -- ASSAY RESULTS

SAMPLE	Mn ppm	Mo ppm	As ppm	Cd ppm	Pb ppm
M-1	1300	-5	2	-1	-2
M-2	640	-5	-2	-1	-2
M-3	1300	-5	-2	-1	-2
M-4	840	-5	-2	-1	-2
M-5	290	-5	-2	-1	-2
M-6	1300	-5	2	-1	-2
M-7	1200	-5	-2	-1	-2
M-8	1300	-5	-2	-1	-2
M-9	1200	-5	-2	-1	-2
M-10	820	-5	-2	-1	-2
M-11	1400	-5	-2	-1	-2
M-12	650	-5	-2	-1	-2
M-13	1400	-5	-2	-1	-2
M-14	1200	-5	-2	-1	-2
M-15	1000	-5	-2	-1	-2
M-16	1400	-5	2	-1	-2
M-17	1100	-5	2	-1	-2
M-18	1200	-5	-2	-1	-2
M-19	1400	-5	-2	-1	-2
M-20	1100	-5	-2	-1	-2
M-21	670	1500	-2	4	-2
M-22	900	8	-2	-1	-2
M-23	910	-5	-2	-1	-2
M-24	940	-5	-2	-1	-2
M-25	1300	-5	-2	-1	-2
M-26	240	-5	-2	-1	-2
M-27	1200	-5	-2	-1	-2
M-28	1200	-5	4	-1	-2
M-29	1400	-5	-2	-1	-2
M-30	860	-5	2	-1	-2
M-31	800	-5	2	-1	-2
M-32	1700	-5	3	-1	-2
M-33	940	-5	-2	-1	-2
M-34	430	-5	-2	-1	-2
M-35	350	-5	-2	-1	4
M-36	1200	-5	-2	-1	-2
M-37	1100	-5	-2	-1	-2
M-38	1200	-5	2	-1	-2
M-39	490	-5	-2	-1	-2
M-40	1300	-5	-2	-1	-2
M-41	790	-5	-2	-1	-2

(-v indicates less than value v)

APPENDIX 1 - MERIDIAN BAY PROPERTY - ASSAY RESULTS

SAMPLE	Rb ppm	Ba ppm	Br ppm	Cs ppm	Hf ppm	La ppm	Sr ppm
M-1	-40	300	-5	-2	1	8	-1000
M-2	30	200	-5	-2	-1	1	-1000
M-3	-30	-200	-5	-2	1	4	-1000
M-4	-30	-100	-5	-2	1	2	-1000
M-5	100	200	-5	4	2	9	-1000
M-6	50	300	-5	-2	1	6	-1000
M-7	40	200	-5	2	1	5	-1000
M-8	-50	-100	-5	-2	1	4	-1000
M-9	-40	-100	-5	3	2	6	-1000
M-10	-30	-100	-5	-2	1	2	-1000
M-11	-40	-100	-5	-2	1	4	-1000
M-12	70	400	-5	2	2	5	-1000
M-13	-40	-100	-5	-2	1	4	-1000
M-14	-40	-100	-5	-2	-1	4	-1000
M-15	-30	200	-5	-2	2	5	-1000
M-16	-40	100	-5	-2	1	5	-1000
M-17	-40	-100	-5	-2	1	4	-1000
M-18	-40	200	-5	-2	2	5	-1000
M-19	-30	-100	-5	-2	1	4	-1000
M-20	60	100	-5	3	1	5	-1000
M-21	-30	-100	-5	-2	-1	3	-1000
M-22	40	-100	-5	-2	1	5	-1000
M-23	-30	100	-5	-2	1	3	-1000
M-24	-50	-100	-5	-2	2	4	-1000
M-25	-30	-100	-5	-2	1	4	-1000
M-26	-30	-100	-5	-2	-1	-1	-1000
M-27	-40	-100	-5	-2	1	4	-1000
M-28	-30	-100	-5	-2	1	3	-1000
M-29	40	100	-5	2	1	8	-1000
M-30	-40	200	-5	-2	1	3	-1000
M-31	-30	-100	-5	-2	2	5	-1000
M-32	-30	-100	-5	-2	2	5	-1000
M-33	-30	100	-5	2	1	2	-1000
M-34	-30	-100	-5	-2	1	2	-1000
M-35	-30	-100	-5	-2	-1	-1	-1000
M-36	-30	-100	-5	-2	-1	2	-1000
M-37	-30	-100	-5	-2	1	2	-1000
M-38	-30	-100	-5	-2	2	6	-1000
M-39	-30	100	-5	-2	1	6	-1000
M-40	-30	-100	-5	-2	1	4	-1000
M-41	-30	-100	-5	-2	1	1	-1000

(-v indicates less than value v)

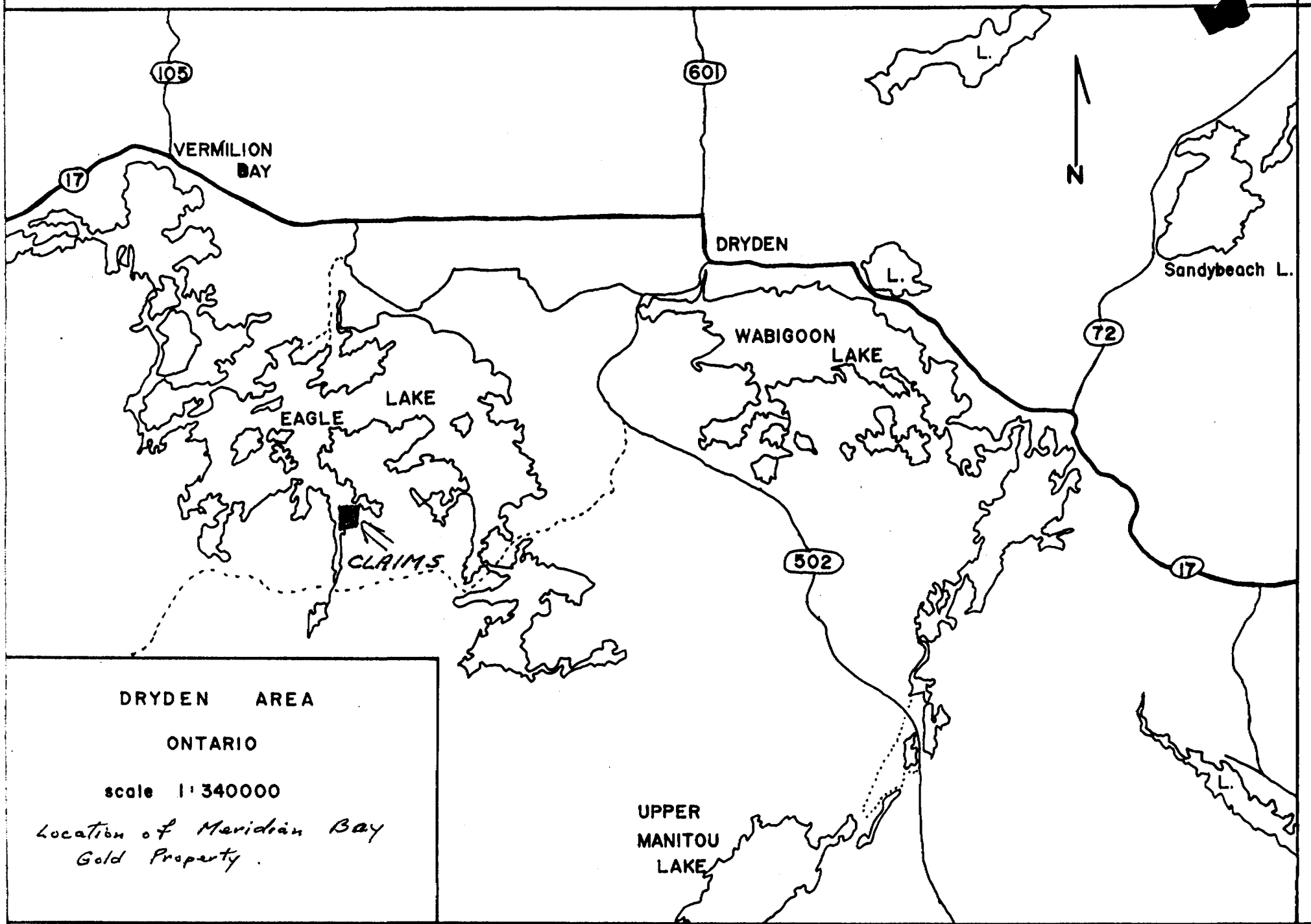
APPENDIX 1 MERIDIAN HAY PROPERTY - ASSAY RESULTS

SAMPLE	Nd ppm	Sm ppm	Eu ppm	Yb ppm	Lu ppm	Ir ppb	Ce ppm
M-1	10	2.4	0.7	2.2	0.39	-20	21
M-2	-10	0.9	-0.3	0.8	0.14	-20	3
M-3	-10	2.3	1.3	2.6	0.38	-20	9
M-4	-10	1.6	0.4	1.9	0.24	-20	7
M-5	-10	1.6	0.7	0.4	0.1	-20	17
M-6	10	2.7	1	3.1	0.47	-20	18
M-7	10	2.4	1	2.4	0.38	-20	20
M-8	-10	2.1	-0.6	2.5	0.44	-20	17
M-9	10	2.7	0.8	2.7	0.44	-20	17
M-10	10	1.3	0.5	1.6	0.24	-20	7
M-11	-10	2.1	0.8	2.2	0.35	-20	9
M-12	10	2.3	0.8	2.4	0.33	-20	13
M-13	10	2.4	1.3	2.6	0.4	-20	19
M-14	10	2.5	1.2	2.8	0.37	-20	18
M-15	10	2.6	0.7	2.5	0.4	-20	14
M-16	10	2.5	1.4	2.7	0.38	-20	14
M-17	-10	2.6	0.6	2.8	0.42	-20	19
M-18	10	2.6	-0.5	2.8	0.41	-20	20
M-19	-10	1.9	-0.4	2.2	0.32	-20	10
M-20	-10	2.5	0.9	2.6	0.44	-20	18
M-21	-10	0.6	-0.2	0.2	-0.05	-20	7
M-22	10	2.1	0.9	2.1	0.37	-20	20
M-23	-10	1.7	0.7	2	0.29	-20	9
M-24	10	1.9	0.6	2	0.31	-20	15
M-25	10	2.3	0.6	2.8	0.41	-20	8
M-26	-10	-0.1	-0.2	0.2	0.05	-20	-3
M-27	10	2.3	1.3	2.5	0.39	-20	12
M-28	-10	1.4	1.2	1.4	0.18	-20	10
M-29	10	3	0.6	1.3	0.2	-20	20
M-30	-10	1.6	1.3	1.5	0.27	-20	8
M-31	10	2.3	0.7	2.4	0.43	-20	15
M-32	10	2.5	0.8	2.6	0.44	-20	13
M-33	-10	1	0.5	1.4	0.24	-20	6
M-34	-10	0.8	-0.3	1	0.15	-20	3
M-35	-10	0.3	0.5	0.2	0.27	-20	-3
M-36	-10	1.3	1.1	1.4	0.23	-20	5
M-37	-10	1.3	-0.2	1.5	0.23	-20	5
M-38	-10	2.8	1.1	3.7	0.59	-20	21
M-39	-10	1	0.9	1	0.16	-20	16
M-40	-10	1.7	0.3	2.2	0.34	-20	11
M-41	-10	0.9	0.4	0.9	0.13	-20	4

(-v indicates less than value v)

APPENDIX 1 - MERIDIAN BAY PROPERTY - ASSAY RESULTS

SAMPLE	Sb ppm	Sc ppm	Se ppm	Ta ppm	Th ppm	U ppm	W ppm
M-1	-0.2	40.7	-5	-1	3.7	0.6	-4
M-2	-0.2	18.9	-5	-1	-0.5	-0.5	-4
M-3	-0.2	49.1	-5	-1	-0.5	0.7	-4
M-4	0.3	31.9	-5	-1	-0.5	-0.5	-4
M-5	-0.2	11.4	-5	-2	3.4	0.9	5
M-6	-0.2	57.8	-5	-1	0.7	-0.5	-4
M-7	-0.2	46.1	-6	-1	0.5	-0.5	-4
M-8	-0.2	46.6	-6	-1	0.5	-0.6	-4
M-9	-0.2	57.5	-6	-1	-0.5	-0.6	-4
M-10	-0.2	28.9	-5	-1	-0.5	-0.6	-4
M-11	-0.2	44.7	-5	-1	0.5	-0.8	-4
M-12	0.3	45.2	-5	-1	0.6	-0.6	-4
M-13	-0.2	52.6	-6	-1	0.6	-0.5	-4
M-14	0.3	54	-5	-1	-0.5	-0.6	-4
M-15	-0.3	55.9	5	-1	-0.5	-0.6	-4
M-16	-0.2	53	-5	-1	0.5	-0.9	-4
M-17	0.4	56.7	-5	-1	0.8	-0.6	-4
M-18	3.1	50.6	-5	-1	-0.5	-0.8	-4
M-19	-0.2	43	-5	-1	-0.5	-0.5	-4
M-20	-0.3	52.7	-5	2	0.5	-0.9	-4
M-21	-0.2	5.7	27	-1	-0.5	-0.5	-4
M-22	-0.2	38.7	-5	-1	-0.5	-0.5	-4
M-23	0.3	36.9	-5	-1	-0.5	-0.5	-4
M-24	-0.2	44.9	-6	-1	0.6	1	-4
M-25	-0.2	53.3	-5	-1	-0.5	-0.5	4
M-26	-0.2	0.9	-5	-1	-0.5	-0.5	-4
M-27	-0.2	49.4	-5	-1	0.8	-0.8	-4
M-28	0.2	26.1	-5	-1	-0.5	-0.5	-4
M-29	-0.2	29.2	-5	-1	0.7	-0.5	-4
M-30	0.3	30.9	-5	-1	-0.5	-0.5	5
M-31	-0.2	42.1	-5	-1	-0.5	0.7	-4
M-32	-0.2	49.5	-5	-1	-0.5	-0.5	-4
M-33	-0.2	25.6	-5	-1	-0.5	0.6	-4
M-34	0.2	19.3	-5	-1	-0.5	-0.5	-4
M-35	-0.2	6.1	-5	-1	-0.5	-0.5	-4
M-36	-0.2	38.9	-6	-2	-0.5	-0.5	-4
M-37	0.4	35.8	-5	-1	1.1	0.5	-4
M-38	0.3	46.5	5	-1	-0.5	-0.6	6
M-39	-0.2	12.8	-5	-1	0.7	-0.5	-4
M-40	-0.2	36.6	-5	-1	0.6	-0.5	-4
M-41	-0.2	11.9	-5	-1	-0.5	-0.5	-4



DRYDEN AREA

ONTARIO

scale 1:340000

*Location of Meridian Bay
Gold Property.*

UPPER
MANITOU
LAKE



W8801-255



52F11NE0214 2.11821 BUCHAN BAY (EAGLE LA

Mining A

900

Type of Survey: **GEOLOGICAL 2.110** **BUCHAN BAY AREA**

Claim Holder(s): **EAGLE LAKE RESOURCES LTD** Prospector's Licence No.: **T 5049**

Address: **301, 634-6 AVENUE SW, CALGARY ALTA T2P 0S4**

Survey Company: **J.W. REDDEN**

Date of Survey (from & to): **15 06 88** to **9 10 88**
Day Mo. Yr. Day Mo. Yr.

Total Miles of line Cut: **-**

Name and Address of Author (of Geo-Technical report): **J.W. REDDEN Box 117 Wabigoon Ont P0V2W0**

Credits Requested per Each Claim in Columns at right

Special Provisions	Geophysical	Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	Electromagnetic	
	Magnetometer	
	Radiometric	
For each additional survey: Using the same grid: Enter 20 days (for each)	Other	
	Geological	20
	Geochemical	

Special Provisions	Geophysical	Days per Claim
Complete reverse side and enter total(s) here	Electromagnetic	
	Magnetometer	
	Radiometric	
	Other	
	Geological	
	Geochemical	

Special Provisions	Geophysical	Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	
	Magnetometer	
	Radiometric	

Mining Claims Traversed (List in numerical sequence)

Mining Claim		Expend. Days Cr.	Mining Claim		Expend. Days Cr.
Prefix	Number		Prefix	Number	
K	851594				
	851595				
	851596				
	851597				
	851598				
	851599				
	851600				
	855981				
	855982				
	855984				

RECEIVED
007 19 1988

MINING LANDS SECTION

AM 10:30
7801

Expenditures (excludes power stripping)

Type of Work Performed

Performed on Claim(s)

Apportionment of Expenditure Days Credits

Total Expenditures: **\$** ÷ **15** = Total Days Credits

851 594

Total number of mining claims covered by this report of work. **10**

For Office Use Only

Total Days Cr. Recorded: **200** Date Recorded: **88 Oct 12**

Mining Recorder: *[Signature]*

Date Approved as Recorded: **88 Oct 12** Branch Director: *[Signature]*

See revised work statement.

Date: **Oct 10/88** Recorded Holder or Agent (Signature): *[Signature]*

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying: **J.W. REDDEN**

Date Certified: **Oct 10/88** Certified by (Signature): *[Signature]*

Box 117, WABIGOON, ONT. P0V2W0



Ontario

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

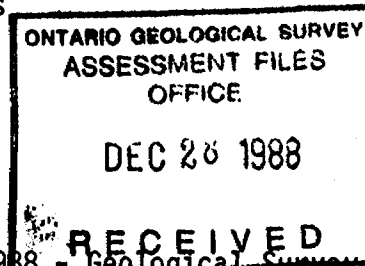
Mining Lands Section
3rd floor, 880 Bay Street
Toronto, Ontario
M5S 1Z8

Telephone: (416) 965-4888

December 15, 1988

Your file: W8801-255
Our file: 2.11821

Mining Recorder
Ministry of Northern Development and Mines
808 Robertson Street
P.O. Box 5200
Kenora, Ontario
P8N 3X9



Dear Sir:

Re: Notice of Intent dated November 28, 1988 - ~~Geological Survey~~
submitted on Mining Claims K 851594 et al in Buchan Bay Area

The assessment work credits, as listed with the above-mentioned Notice of Intent, have been approved as of the above date.

Please inform the recorded holder of these mining claims and so indicate on your records.

Yours sincerely,

W.R. Cowan
Provincial Manager, Mining Lands
Mines & Minerals Division

OK:pl
Enclosure

cc: Mr. G.H. Ferguson
Mining and Lands Commissioner
Toronto, Ontario

Resident Geologist
Kenora, Ontario

Eagle Lake Resources Ltd.
Suite 301
634 - 6th Avenue SW
Calgary, Alberta
T2P 0S4

Mr. J.W. Redden
Box 117
Wabigoon, Ontario
POV 2W0



Recorded Holder	Eagle Lake Resources Ltd.
Township or Area	Buchan Bay Area

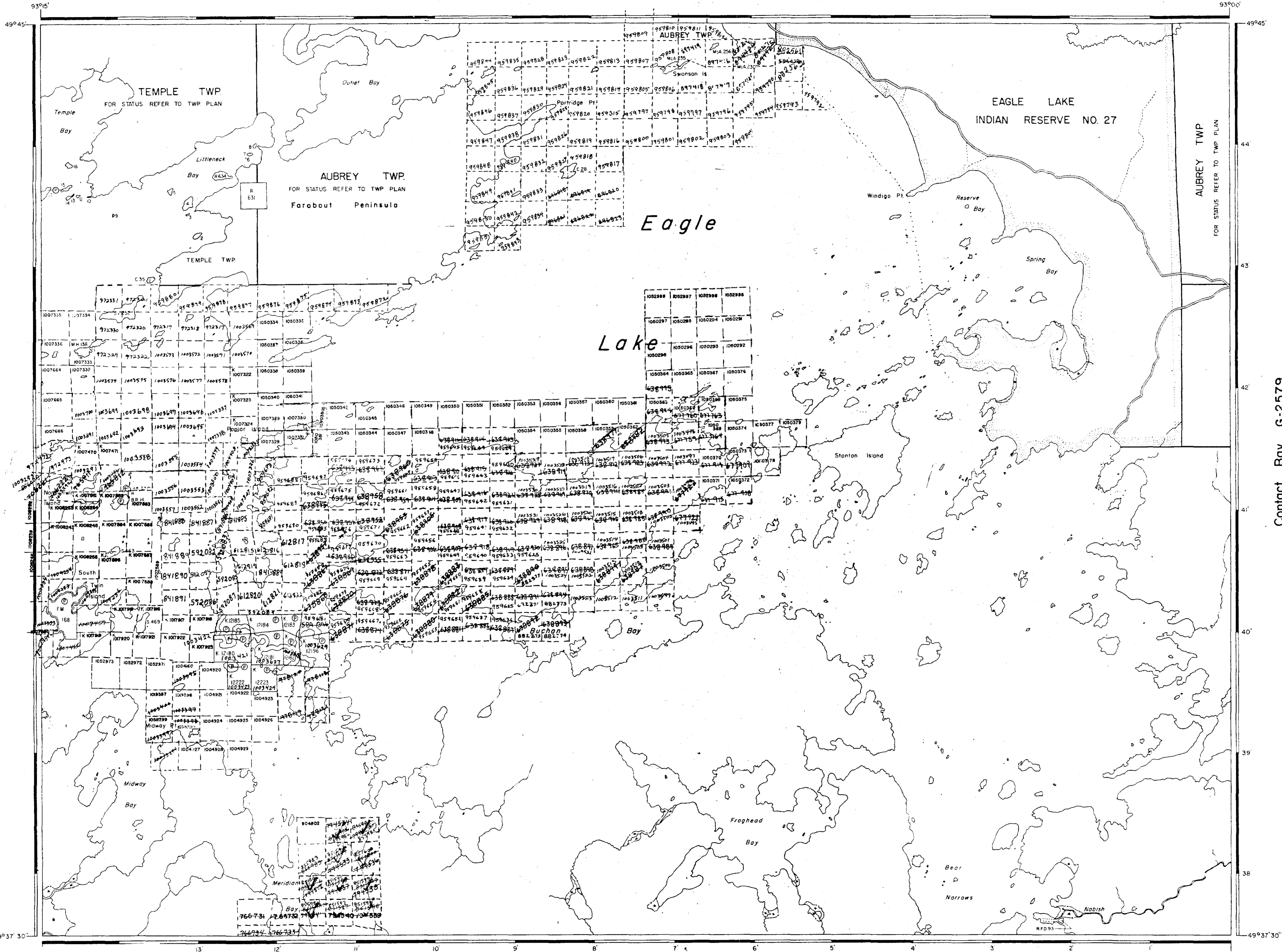
Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical Electromagnetic _____ days Magnetometer _____ days Radiometric _____ days Induced polarization _____ days Other _____ days Section 77 (19) See "Mining Claims Assessed" column Geological <u>15</u> days Geochemical _____ days Man days <input type="checkbox"/> Airborne <input type="checkbox"/> Special provision <input checked="" type="checkbox"/> Ground <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Credits have been reduced because of partial coverage of claims. <input type="checkbox"/> Credits have been reduced because of corrections to work dates and figures of applicant.	K-851594 to 600 inclusive 855981-82 855984

Special credits under section 77 (16) for the following mining claims

No credits have been allowed for the following mining claims

not sufficiently covered by the survey insufficient technical data filed

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geological - 40; Geochemical - 40; Section 77(19) - 60.



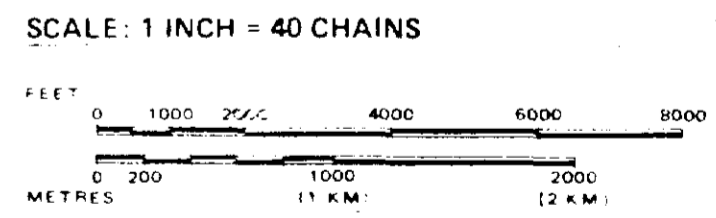
RESTORATION
MINING DIV.
NOV 25 1988
AM 4:08.00 PM 12:12.34.56

LEGEND

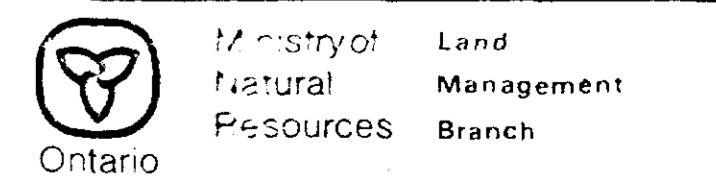
- PATENTED LAND (P)
- CROWN LAND SALE (C.S.)
- LEASES (L)
- LOCATED LAND (Loc.)
- LICENSE OF OCCUPATION (L.O.)
- MINING RIGHTS ONLY (M.R.O.)
- SURFACE RIGHTS ONLY (S.R.O.)
- ROADS
- IMPROVED ROADS
- KING'S HIGHWAYS
- RAILWAYS
- POWER LINES
- MARSH OR MUSKEG
- MINES
- CANCELLED (C)

REFERENCES

- AREAS WITHDRAWN FROM DISPOSITION
- M.R.O. - MINING RIGHTS ONLY
 - S.R.O. - SURFACE RIGHTS ONLY
 - M. + S. - MINING AND SURFACE RIGHTS
- | Description | Order No. | Date | Disposition | File |
|-------------|-----------|------|-------------|------|
| | | | | |



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



Date: FEBRUARY, 1984. Number: G-2573

Garnet Bay G-2581

Contact Bay G-2579

Osbourne Bay G-2588

