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REPORT OF
FIELD ACTIVITIES
McVICAR LAKE PROPERTY
(1446)

AN OMIP SPONSORED PROGRAM

by

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SUMMARY

The McVicar Lake Property comprises 384 contiguous mining claims located in Northwestern Ontario, NTS 52 O/11 and O/12. The property is an aggregate of approximately 7,936 hectares.

During the period June 1 - September 1, 1992 geological mapping was completed between the west shore of Shonia Lake and the east shore of Sor Lake. This program was designed to locate and extend the Altered Zone Structure into the Sor Lake area and to delineate any areas of structural dilation and/or mineralization.

Geologically the area is underlain by Archean basaltic flows with minor felsic flows and tuff-breccia correlated with the Meen-Jackknife Formation. These lithologies are in contact with a late gabbroic intrusive also of Archean age. Late regional deformation defined the sheared basalt-gabbro contact thus establishing the Altered Zone Structure. All lithologies have been metamorphosed to greenschist facies.

Both the mapping and soil surveys failed to locate the Altered Zone Structure to the west of Shonia Lake. However, follow-up airborne magnetic imaging has discovered a cross-cutting feature extending westward from the Shonia #1 gold occurrence. This feature is further south than the expected projection of the AZS and cross-cuts the grid entirely within overburden covered areas.

Detailed work at the White Zone, Cabin Zone, and the Fairservice Zone did not generate any significant gold assays. Nevertheless the structural capacity for hosting gold is demonstrated by open space development and the focused alteration at the Cabin Zone. At the Cabin Zone, the felsic units are significantly tectonized and altered (iron carbonate and apple green mica) a result of the rheologic contrast.

A tonalitic sill at Sor Lake (the "Sor Lake Sill") is highly anomalous with respect to gold. Half of the sixteen grab samples collected report anomalous values (>100 ppb) up to 6300 ppb gold. Furthermore, the western edge of this sill is in contact with the Bearhead Fault Zone locally featuring apple green alteration.

CONCLUSIONS AND RECOMMENDATIONS

1. Airborne magnetic imaging of the Shonia Lake area confirm the extension of the Altered Zone Structure to the west of Shonia Lake. Moreover, the "serpent like" nature of the magnetic trace suggest a shallow dip similar to the AZS east of Shonia Lake. This four kilometre section of the AZS is not explored.
2. A second magnetic feature, identified on the west shore of Shonia Lake, is coincident with apple green alteration and sericite schist at a mafic-felsic contact. This target has the magnetic characteristics of a dilation zone. A recommendation to diamond drill this target is deferred pending the completion of the ground geophysical surveys.
3. Ground magnetic and IP surveys are also recommended west of Shonia Lake. The AZS has a distinctive magnetic signature and ground follow-up will locate and define areas of interest. The IP survey will exploit the previously established AZS sulphide-gold relationship. Together, these surveys will define drill targets.
4. Historically, on the McVicar Lake property, pyrite mineralization and apple green alteration are two essential components for economic gold intersections. The discovery of apple green alteration within the Bearhead Fault Zone at Sor Lake coupled with the pyritic mineralization in a tectonized tonalitic sill is significant. Ground geophysical surveys (IP, Mag, VLF) are recommended in the Sor Lake area. The widespread disseminated mineralization associated with the tonalitic sill make it an excellent candidate for polarising techniques. In particular, the intersection of the sill and the Bearhead Fault Zone present an opportunity to focus gold mineralization in a rheologic trap.

5. Soil surveys west of Shonia Lake are an inappropriate exploration technique. The materials available for sampling do not appear to be amenable to gold concentration.

6. A limited re-evaluation of the Lang Lake data on the projected west continuation of the AZS is recommended. Disrupted iron formations occur on strike with the projection.



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PRELIMINARY REPORT OF FIELD ACTIVITIES

McVICAR LAKE, ONTARIO (1446)

GENERAL INFORMATION

1.1 Introduction

This report addresses the exploration field efforts of BHP MINERALS CANADA LTD. during the period of June 1 to September 1, 1992. A crew of four to six persons was employed to perform detailed mapping, sampling and prospecting along 100 metre spaced grid lines which included 63.37 km of newly cut line. The McVicar Lake Property is located within the Patricia Mining Division in northwestern Ontario (NTS 52 O/11 and O/12). The property comprises 384 contiguous mining claims (7,936 hectares). A list of claims receiving work (this report) is available in Appendix IV.

1.2 Location and Access

This property is located approximately 80 kilometres (km) west of Pickle Lake, Ontario, Figure 1.2a. Access to the property is limited to charter aircraft as there are no roads into the region. Charter services were provided by Goldbelt Air based in Pickle Lake.

1.3 Topography and Vegetation

The topography is generally flat lying and the area is moderately covered by glacial debris. Outcroppings are uncommon and rarely exceed 20 metres in height. There is approximately 5% bedrock exposure.

Vegetation comprises spruce and birch trees in low lying areas with jackpine dominating sandy ridges.

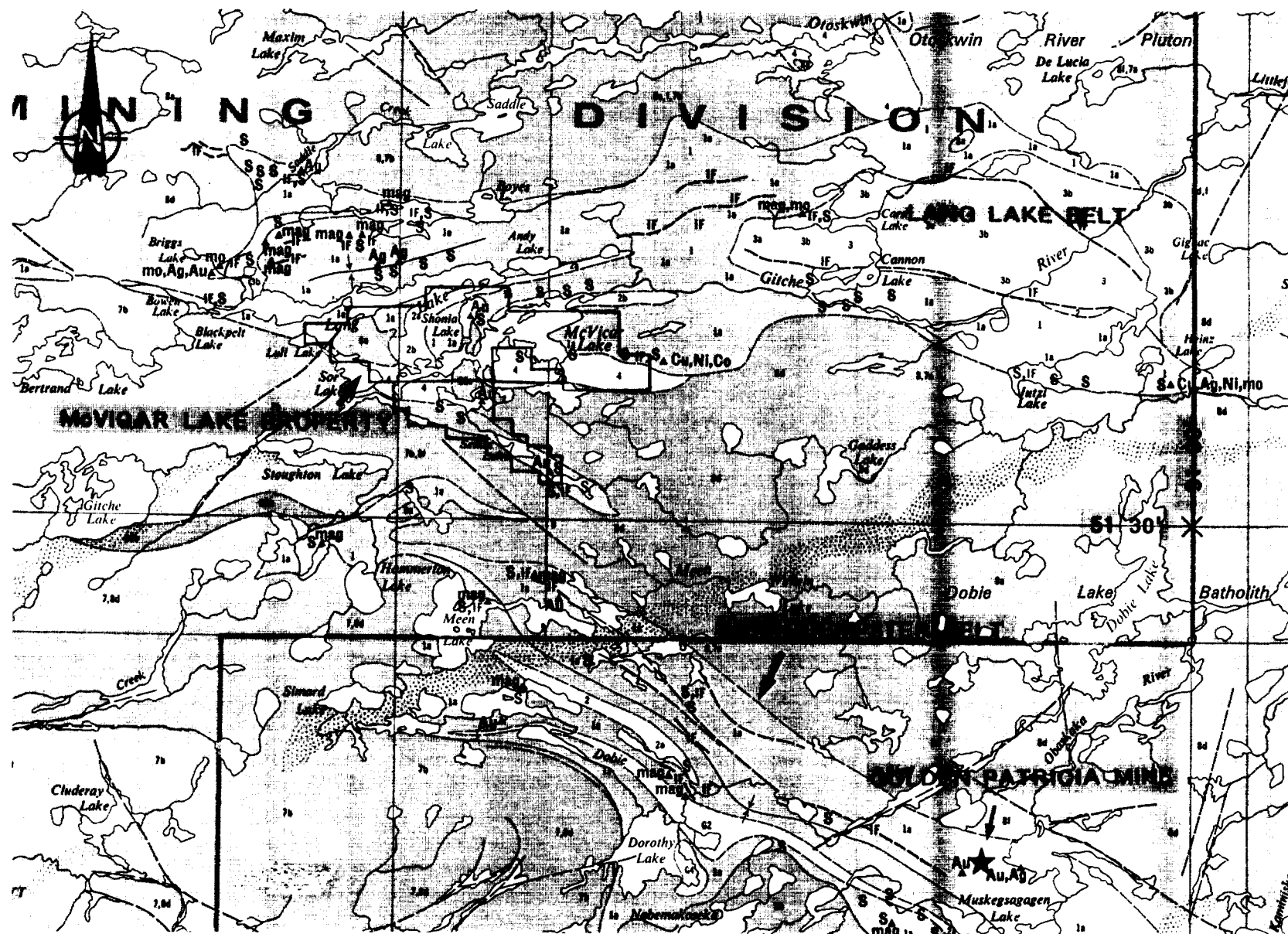


Figure 1.2a: Location Map (from Sage and Breaks, 1982)

1.4 Previous Work By BHP MINERALS CANADA LTD.

Previous to September 1992 BHP Minerals completed several phases of diamond drilling with an approximate aggregate footage of 31,000 feet in 85 drill holes. The drilling was complimented by geological, geophysical and geochemical surveys. These explorations have continued since 1984.

The bulk of diamond drilling on this property tested the extensions of subcropping auriferous mineralization contained within a southeast plunging, intensely sheared and altered dilation zone, the Altered Zone (AZ). This zone, trending on a basalt-gabbro contact, reported 0.96 oz/T gold over 6.1 feet (ML-87-27)(Thomas, 1988). A second northwest plunging dilation, the North Flexure (NF), was also extensively drilled. This extension of the AZS reported 0.239 oz/T gold over 6.6 feet (ML-91-54) (Bonner, 1991a).

The most recent drill programs focused on the quartz vein mineralization recognised at the margin of the Shonia Lake tonalitic intrusive. This zone reports 1.65 oz/T gold over 2.0 feet (ML-92-83)(Bonner, 1992b).

1.5 Current Exploration Objectives

The objectives of the 1992 field geological program were to locate the western extension of the auriferous Altered Zone Structure in the area between Lull Lake and Shonia Lake. This work is designed to define specific areas for diamond drill follow-up.

GEOLOGY

2.1 Regional Geology

The Lang Lake Greenstone Belt, approximately 40x10 km wide, lies within the Uchi Subprovince of the Superior Structural Province (Figure 1.2a). This relatively small belt was tectonically detached from the Meen-Dempster Belt, lying to the south (Sage and Breaks, 1982).

The lithologic package includes various units of mafic through to felsic metavolcanics and metapyroclastics. Clastic and chemical metasediments are also present. Late gabbroic intrusives have been subsequently intruded by tonalitic bodies along the southern belt margin. All of the rock has undergone metamorphism and while the prefix "meta" is implied it has been omitted from the balance of this report.

Structurally, the southern margin of the Lang Belt is in contact with the Bearhead Fault Zone (BHFZ) (Osmani, I.A., 1989). This NW-SE trending mega-structure is recognised over a 500 km length from the Manitoba border area where it represents a geological subprovince boundary (Berens River-Sachigo). The Bearhead Fault apparently disappears some 60 km to the SE of the McVicar Lake property within the northern margin of the Meen-Dempster Belt.

2.2 Local Geology

The McVicar Lake Property is underlain by Archean supracrustal volcanics correlatable with the Meen-Jackknife Lake Cycle of Stott and Wallace (1984). Massive to pillowed basaltic and andesitic flows are overlain by felsic pyroclastics and sediments. Large cross-cutting gabbroic intrusives are in turn cross-cut by smaller tonalitic bodies. Detailed lithological descriptions are included in Appendix III.

The major structural feature on the McVicar Lake property is a cross-cutting WNW-ESE fault (the Altered Zone Structure). This fault is characterised by intense alteration and deformation of a brittle-ductile nature. The associated alteration features increased sericite, carbonate, chlorite, and silica (vein quartz and a local pervasive silica flooding). A hydrothermal carbonate (calcium and/or iron) breccia commonly envelops this shallow dipping ($<50^\circ$) structure. Also of significance is the intrusion of a tonalite sill into the Altered Zone structure at Shonia Lake. This sill is physically linked to a larger stock on the southern grid area. A second separate sill is recognised in the Sor Lake area.

The metamorphic grade is greenschist. Weak to intensely developed foliations are known to occur away from the Altered Zone Structure in association with chloritic and sericitic lithologies.

Table 2.2a: STRATIGRAPHIC COLUMN - McVICAR LAKE PROPERTY

AGE	GROUP	LITHOLOGY
ARCHEAN		Mafic sills
	-----INTRUSIVE-----	
		Tonalite plutons, Granite plutons
	-----INTRUSIVE-----	
		Altered Zone, North Flexure, brecciated basalt, brecciated gabbro, fault gouge
	~~~~~TECTONISM~~~~~	
		Dobie Lake Batholith
	-----INTRUSIVE-----	
		Gabbro, anorthositic gabbro
	-----INTRUSIVE-----	
	Billett Lake	Greywacke, mudstone, ironstone
	~~~~~UNCONFORMITY~~~~~	
	Meen-Jackknife Lake	Basalt, porphyritic basalt, dacite tuff, dacite tuff-breccia

[Modified after Thomas (1988), Stott and Wallace (1984),
Sage and Breaks (1982)]

RESULTS

A number of areas were examined in detail; the Shonia Lake grid south of the Shonia #1 occurrence, the White Zone, the Cabin Zone, and the Fairservice Zone (Lang-Belore Occurrence). Figure 3.0a locates each area on the property. These areas were geologically mapped and prospected and where warranted hydraulic stripping and channel sampling were also completed.

Geological mapping (1:5000) illustrates a large west facing open fold in the area lying between Shonia Lake and Sor Lake. Furthermore, contact relationships at the Cabin Zone and the airborne magnetic imaging suggest the south limb folds back to the west under McVicar Lake thus describing a broad "S" fold. This south closure is interrupted by a gabbro intrusive extending to the east. Geological Plan Maps 1 and 2 summarised the field work and establish contact relationships.

All anomalous gold (>100 ppb) assays reported from this field work are tabulated in Table 3.0b (n=18), a complete report of the analytical results has been included in Appendix I (n=160).

Table 3.0b: ANOMALOUS GOLD SAMPLES - McVICAR LAKE 1992

<u>SAMPLE</u>	<u>LINE</u>	<u>PICKET</u>	<u>GOLD(ppb)</u>	<u>AREA</u>
1055	8540	-3360	1100	Shonia Grid
1062	8400	-3750	560	Shonia Grid
1091	3040	-2810	300	Lang Area
1120	3600	-4500	730	Sor Sill
1122	3900	-4525	120	Sor Sill
2029	8675	-3017	190	Shonia Grid
2030	8670	-3034	190	Shonia Grid
2032	8560	-3380	230	Shonia Grid
2035	8575	-3395	180	Shonia Grid
2038	8595	-3380	120	Shonia Grid
2042	4875	-4550	160	Sor Sill
3171	4685	-4630	180	Sor Sill
3178	4790	-4625	910	Sor Sill
3180	4020	-4625	850	Sor Sill
3181	4070	-4525	730	Sor Sill
3183	4215	-4625	160	Sor Sill
3191	4597	-4520	6300	Sor Sill
9001	8615	-1795	130	Lang Area

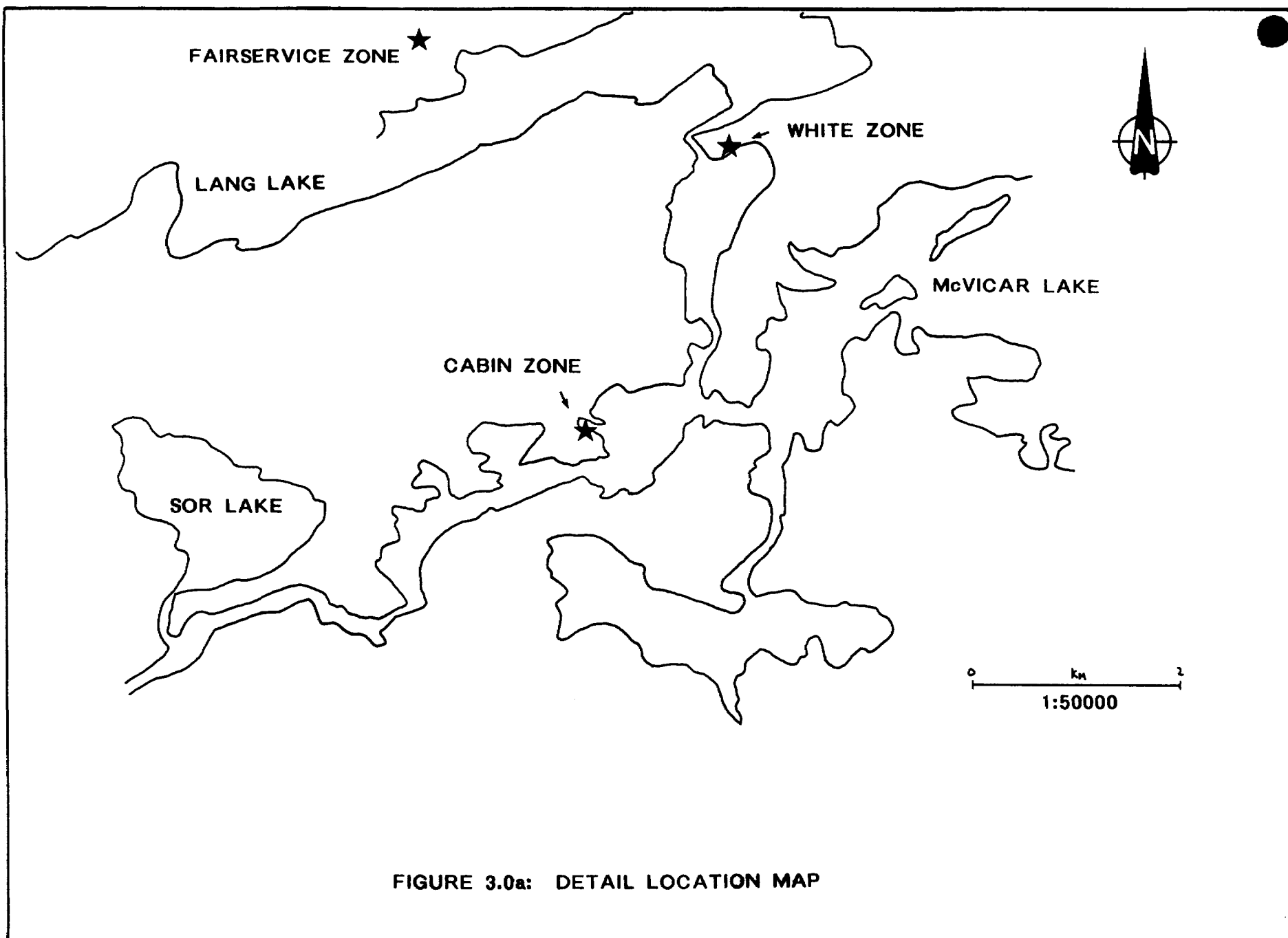


FIGURE 3.0a: DETAIL LOCATION MAP

Each sample was analysed by Accurassay Laboratories Ltd in Thunder Bay employing a standard fire assay technique (30 gram aliquot - 1 assay ton). Samples reporting gold values in excess of 1000 ppb gold were subsequently analysed using a free gold technique.

3.1 White Zone

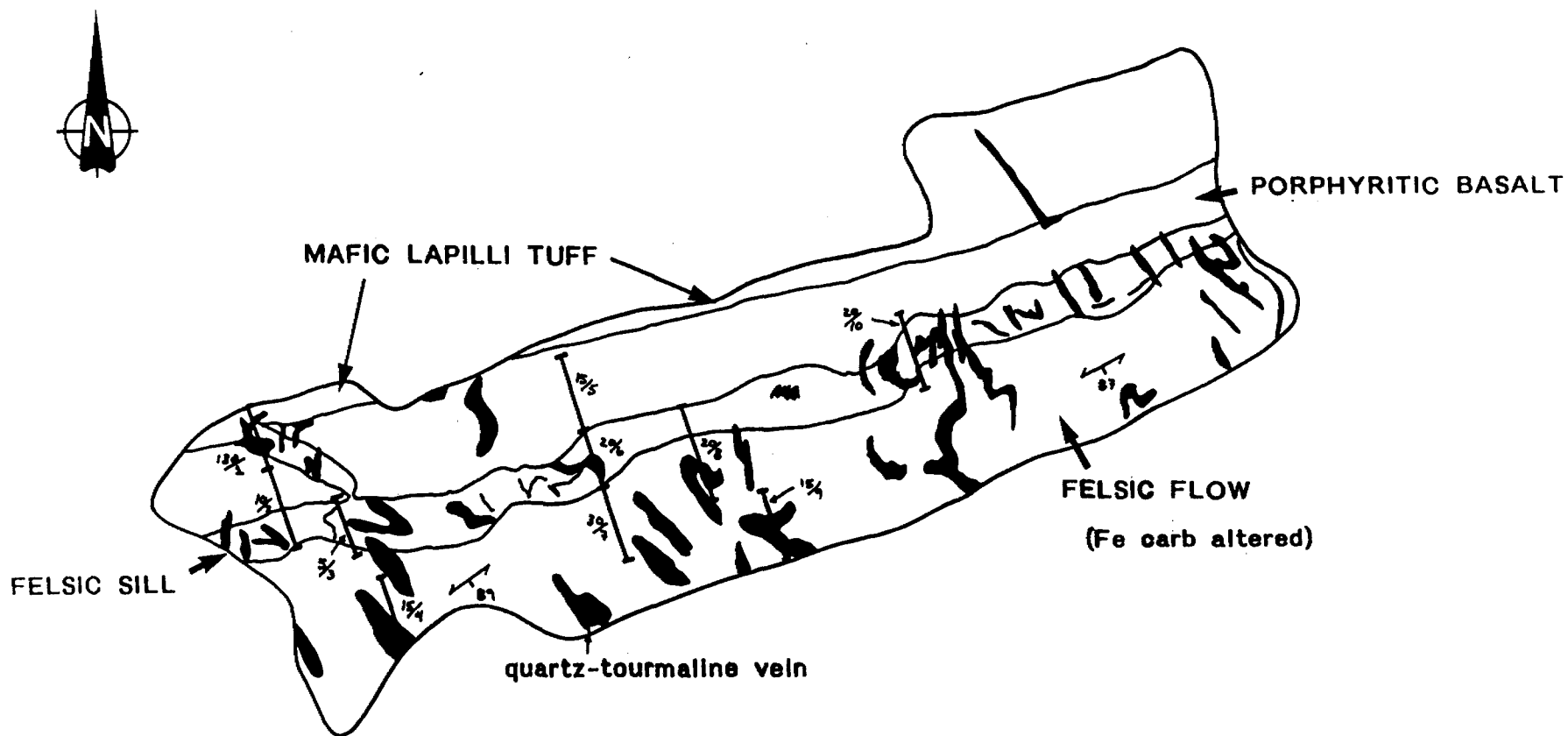
Stripping on the north shore of Shonia Lake (Figure 3.0a) exposed a sheared mafic-felsic contact with iron carbonate alteration and quartz-tourmaline veining. A detailed geology map is presented in Figure 3.1a.

A thin rhyolite sill, on the mafic-felsic contact, is intensely deformed with numerous gash veins. Oriented quartz-tourmaline growth identifies extensional development predominately in the felsic units, the rheologic host. Moderate to intense pervasive iron carbonate alteration accompanies the sill and the sheared felsic flow. This alteration appears to be less prominent in the mafic units.

Ten channel samples tested the various lithologies and alterations (veining and iron carbonate). The highest gold assay reported is 130 ppb gold from a quartz vein with minor pyrite (sample #9001).

3.2 Cabin Zone

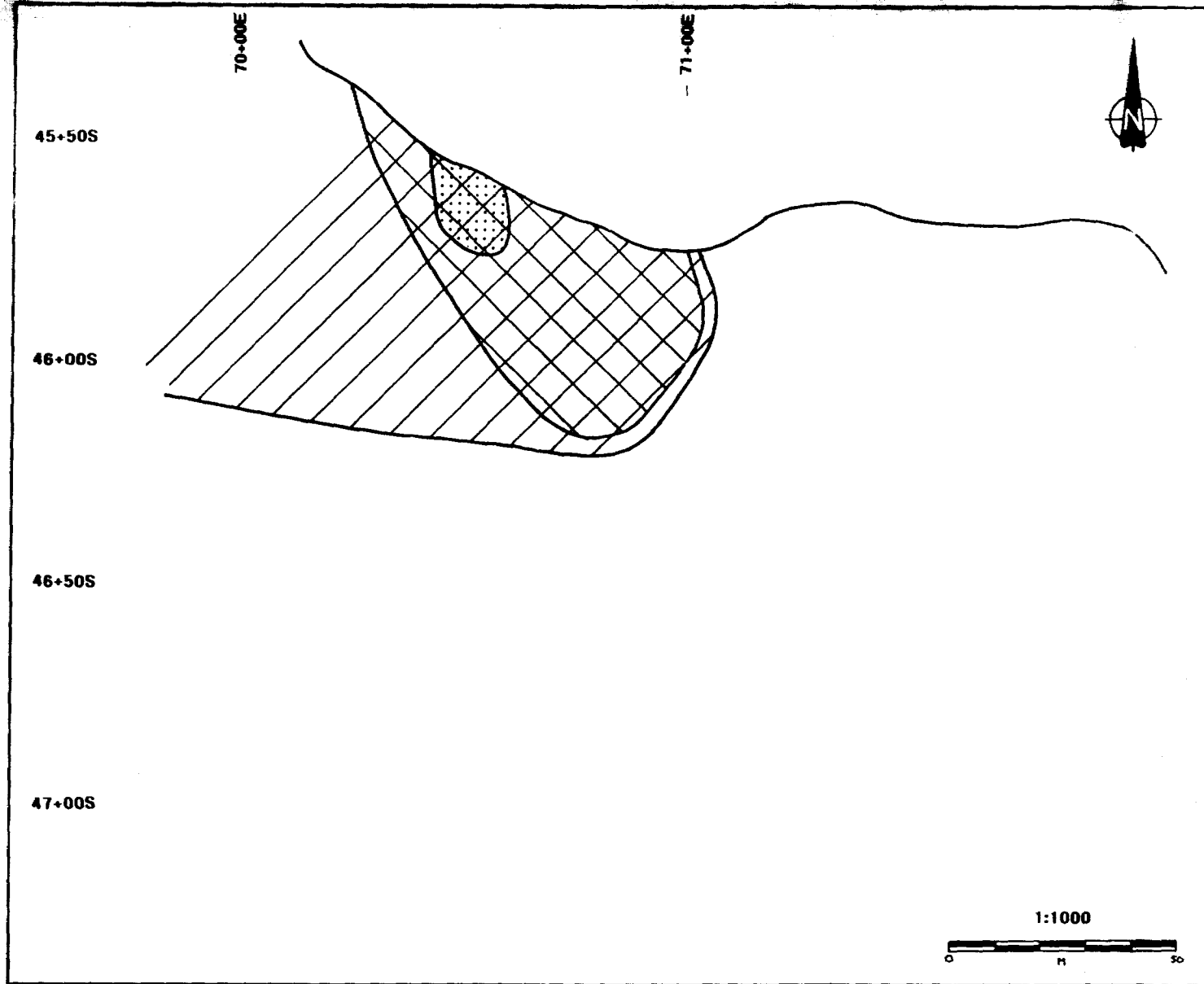
A detailed program to rationalize an unusual occurrence of scattered apple green altered volcanic breccia fragments lead to the discovery of a major east-west shear zone. The detail work on the shear zone subsequently recognized massive iron carbonate filled tension gashes with minor apple green mica and pyrite mineralization. A detailed geology map and alteration overlay are provided in Figure 3.2a.



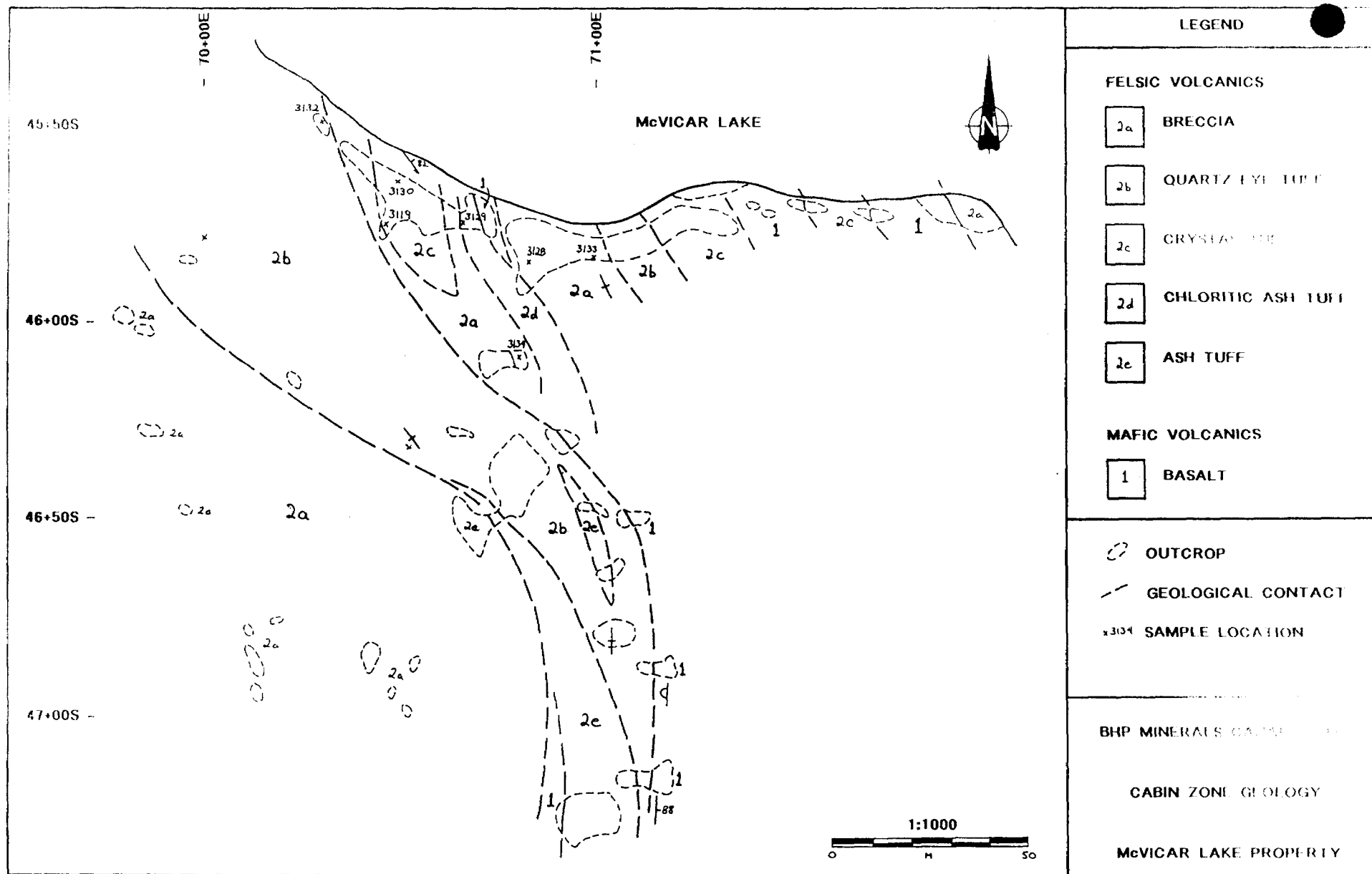
WHITE ZONE TRENCH

Figure 3.1a

1:100



LEGEND	
APPL'E GREEN MICA	
	INTENSE
	MODERATE
	WEAK
IRON CARBONATE	
	INTENSE
	MODERATE
BHP MINERALS CANADA LTD.	
CABIN ZONE ALTERATION OVERLAY	
McVICAR LAKE PROPERTY	



Detailed mapping has established geological contacts within a complex felsic pyroclastic package trending north-south. Stratigraphic top is to the west based on an exposure of a mafic flow top breccia developed from a pillowed flow. The brittle felsic volcanics are cross-cut by an east-west shear responsible for the iron carbonate filled gashes.

Seven, one metre chip samples were selected for gold analysis. This representative suite tested the alteration effect on the various lithologies. Gold values were all less than detection.

3.3 Fairservice Zone (Lang-Belore Occurrence)

Gold values in excess of 14 g/mt were reported from a weakly mineralized shear zone at the Fairservice Zone (Janes et al, 1990). A detailed geology and sample location map is presented in Figure 3.3a.

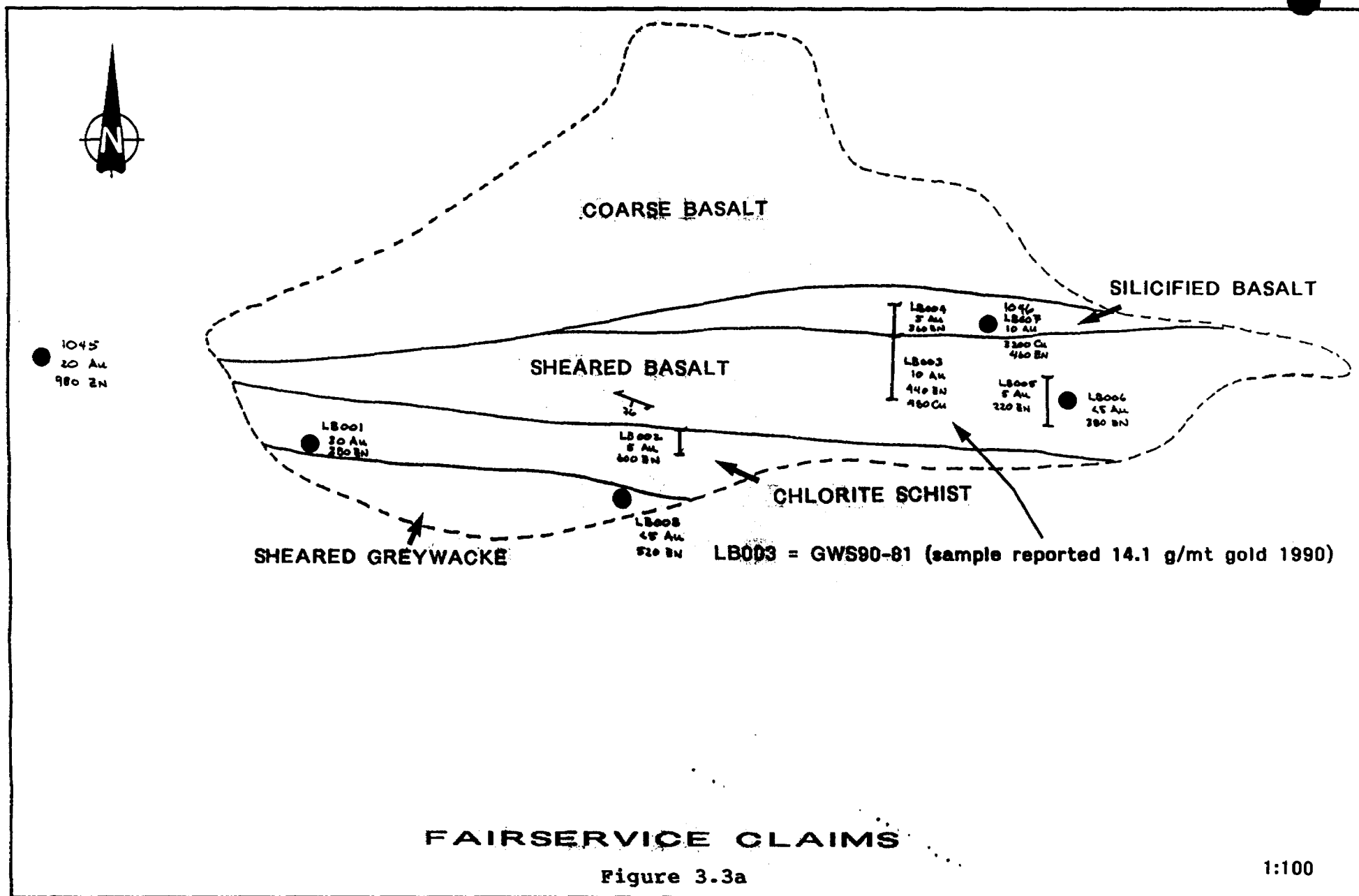
A sheared volcanic-sediment contact is characterised by minor quartz veining and disseminated pyrite. A coarse grained basalt lies to the north grading into the silicified contact zone.

Nine samples (chip and grab) were selected for gold analysis. The highest gold value reported is 30 ppb from a chloritic schist with scattered quartz-pyrite veinlets. Chip sample (LB003), reporting 10 ppb gold, is believed to be the channel sample responsible for the 14 gram reference.

3.4 Sor Lake Area

Mapping to the immediate northeast of Sor Lake located a mineralized tonalitic sill. Mineralization is disseminated pyrite and quartz pyrite veinlets associated with shatter breccia zones. Plan map 2 (sheet C) locates the sill and sample sites.

Sixteen grab samples reported up to 6300 ppb gold (sample 3191), however, eight samples report values in excess of 100 ppb (see Table 3.0a).



3.5 Soil Geochemistry

Three areas were selected for detailed soil investigation for a total of 22.5 line kilometres of sampling. Humus was the preferred sample medium based on its ability to concentrate gold and the ease of sampling.

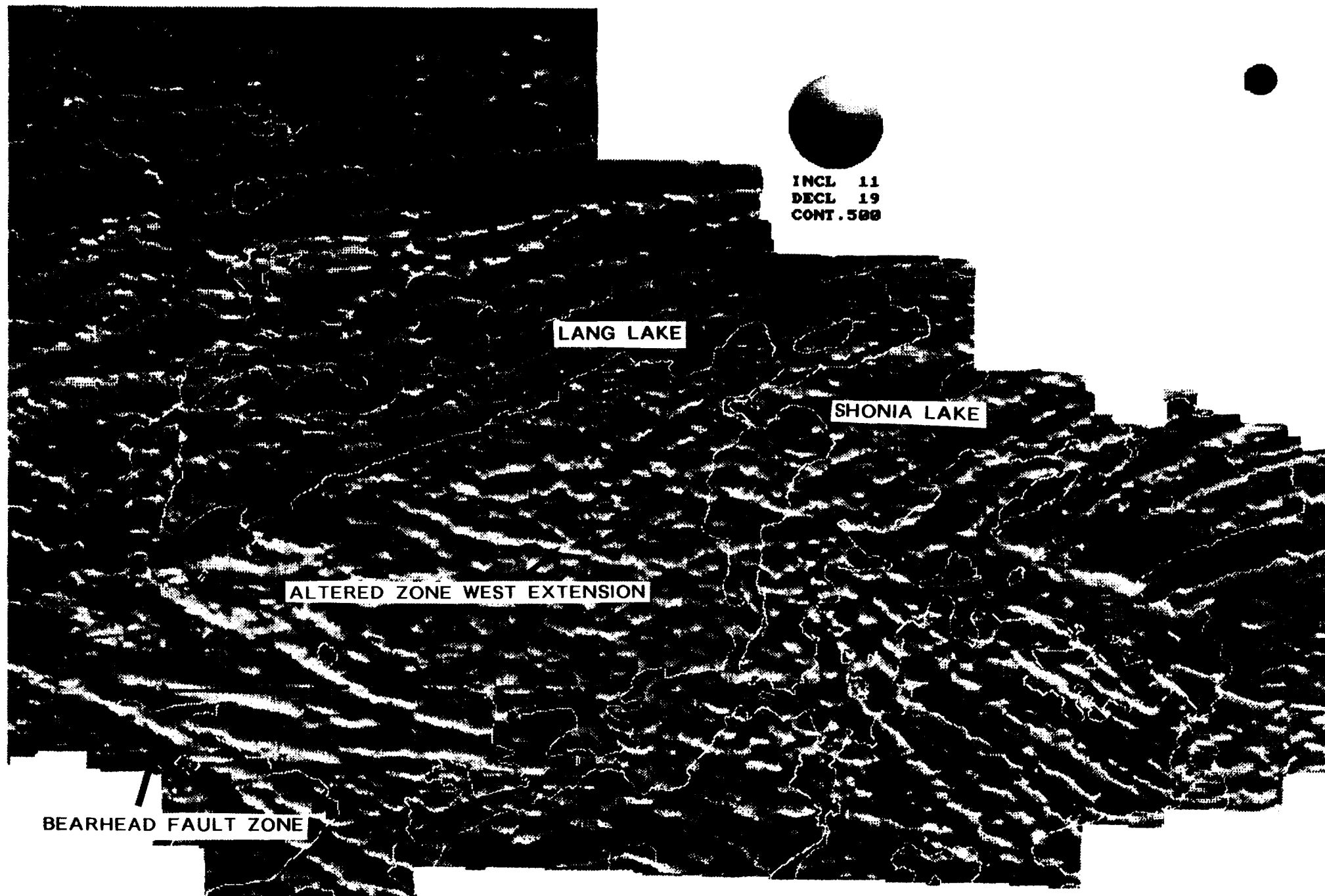
Dried samples were prepared by Assayers Laboratories in Rouyn-Noranda, Quebec. All samples (n=472) were analysed for gold utilising a neutron activation technique. Sample locations and results are presented on Plan Map 3. A tabulated Report of Analysis is included for reference in Appendix II.

The highest gold value reported is 10 ppb. Only ten samples reported the detection level or better. There are no significant anomalies or clusters.

DISCUSSION

Previous exploration by BHP Minerals, extending back to 1984, has successfully extended the Altered Zone Structure from its discovery point on the east shore of McVicar Lake into the Shonia Lake area. To date, the most significant features recognised are the Shonia Lake #1 gold occurrence and the two dilation points; the Altered Zone and the North Flexure. Along its known length the AZS is anomalous with respect to gold.

Geological mapping and geochemical sampling to the west of Shonia Lake failed to locate the west extension of the Altered Zone Structure. The only evidence of the structures existence is the previously known apple green altered anorthositic gabbro on the west shore of Shonia Lake. However, following the field work detailed analysis of the airborne magnetic survey indicates an extensive "serpent like" east-west trending structure continues from the Shonia #1 into the Lang Lake area. Two very small outcrops of sheared basalt, near a gabbro contact and on strike from the Shonia #1 gold occurrence, were located on the surface trace of the AZS. Plate 4.1a highlights the AZS using an overlay image of shadow and colour magnetics.



INCL 11
DECL 19
CONT. 500

LANG LAKE

SHONIA LAKE

ALTERED ZONE WEST EXTENSION

BEARHEAD FAULT ZONE

FIG 4.1a: AIRBORNE MAGNETIC IMAGE (MAG-YG/MAG-YG)

1:50000

The area west of Shonia Lake is primarily underlain by intermediate to felsic volcanics. Tuffs, coarse pyroclastics, and flows are subsequently intruded by gabbro and intermediate porphyritic sills. In the few areas of reasonable exposure, the bedrock comprises numerous thin interbedded units thus demonstrating the high degree of interpretive risk in areas of poor exposure. However, the change from predominately mafic to predominately felsic lithologies is expected to have a profound effect on any cross-cutting structures. Evidence of the expected change is observed at the Cabin Zone where "hard" felsic pyroclastics are torn apart by a cross-cutting shear thus generating large gashes. At the Cabin Zone the gashes are filled with iron carbonate. On the magnetic image (Plate 4.1a), the AZS does cross from mafic to felsic units. The transition from a strong blue shadowed fault trace to a weak blue shadowed trace marks this crossing.

The Bearhead Fault Zone was located in the Sor Lake area by a combination of geology and airborne geophysics. Trending northwest-southeast, the structure appears to cutoff the auriferous Sor Lake tonalitic sill (6.3 g/mt gold). Wide spread mineralization within the sill features disseminated pyrite accompanied by quartz-pyrite veinlets as shatter breccia filling. The intersection of the sill and BHFZ lies beneath Sor Lake as indicated on the magnetic image. The combined presence of mineralization within the sill, proximity of the BHFZ, and the presence of apple green alteration within the BHFZ (along strike - both directions) suggest a good potential for gold deposition in a structural trap.

Soil geochemistry is of limited value on the McVicar Lake property. Significant sampling problems were encountered in the low lying areas as a result of the extremely thick peat horizons. Conversely, the higher areas are also impaired by the limited organic cover and predominance of sand. The sampling problems are reflected in the consistently poor analytical results.

Previously, our drill efforts were directed at the dilation points to the east of McVicar Lake and the brittle veins at Shonia Lake. This program of mapping and sampling attempted to extend the gold bearing structures west of Shonia Lake proper. Limited bedrock exposure and a complex sample media have hindered this program significantly. However, structural information obtained from the airborne magnetic database suggest that the main structural target does extend westward. Additionally, observed cross-cutting deformation and open space development within the felsic units away from the areas of interest is considered significant in a property context. Similar open space development within the felsic units can be expected on the AZS extension.

The difficulties experienced in extending the structure to the west should not deter exploration nor prevent follow-up along the auriferous Altered Zone Structure. Similarly, the discovery of gold bearing quartz-pyrite veinlets grading up to 6,300 ppb in a tectonized tonalitic sill associated with the Bearhead Fault Zone also require follow-up. Continued exploration is warranted.

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APPENDIX I

REPORT OF ANALYSIS - McVICAR LAKE 1992

Appendix I - REPORT OF ANALYSIS - McVICAR LAKE 1992

SAMPLE	LINE	PICKET	GOLD (PPB)
1033	8500	-1860	20.0
1035	8620	-1770	20.0
1040	9500	-1925	2.5
1045	5410	-340	20.0
1046	5435	-350	20.0
1053	8620	-1770	2.5
1054	8530	-3375	2.5
1055	8540	-3360	1100.0
1062	8400	-3750	560.0
1063	8350	-3800	2.5
1064	7700	-1900	2.5
1066	7500	-2250	2.5
1070	2400	1275	2.5
1071	2400	1175	2.5
1073	1200	2275	2.5
1074	2800	1325	2.5
1075	UTM61400	571400	5.0
1076	UTM61400	571400	20.0
1089	3040	-2810	55.0
1090	3040	-2810	50.0
1091	3040	-2810	300.0
1093	3150	-2970	2.5
1095	6600	-3825	2.5
1096	6625	-3150	2.5
1097	6625	-3150	2.5
1098	6600	-2825	2.5
1099	6650	-2025	2.5
1101	6200	-3625	2.5
1102	6200	-3250	2.5
1103	6200	-2450	2.5
1104	6100	-3400	2.5
1105	6100	-3515	2.5
1106	6100	-3750	2.5
1107	5800	-4575	2.5
1110	5750	-2850	2.5
1112	5225	-5095	2.5
1113	5225	-5095	2.5
1114	5200	-3775	5.0
1115	5200	-3750	2.5

SAMPLE	LINE	PICKET	GOLD (PPB)
1116	5100	-3175	2.5
1117	3615	-2760	2.5
1118	3600	-4385	20.0
1119	3600	-4385	20.0
1120	3600	-4500	730.0
1121	3800	-4325	90.0
1122	3900	-4525	120.0
1123	8400	-3750	20.0
2026	8720	-3030	2.5
2027	8710	-3022	2.5
2028	8675	-3007	35.0
2029	8675	-3017	190.0
2030	8670	-3034	190.0
2031	8668	-3007	75.0
2032	8560	-3380	230.0
2033	8565	-3385	5.0
2034	8567	-3390	50.0
2035	8575	-3395	180.0
2036	8576	-3396	65.0
2037	8590	-3380	40.0
2038	8595	-3380	120.0
2039	8595	-3370	5.0
2042	4875	-4550	160.0
3063	8565	-4125	10.0
3064	8565	-4125	5.0
3077	7150	-4500	2.5
3079	7107	-4715	2.5
3080	7090	-4600	10.0
3081	7090	-4572	2.5
3082	7085	-4575	2.5
3083	7083	-4575	2.5
3084	7085	-4570	2.5
3085	7080	-4575	2.5
3086	7090	-4572	10.0
3087	7920	-2150	2.5
3088	7920	-2150	2.5
3089	7895	-1955	2.5
3090	7615	-1950	2.5
3092	7400	-1355	5.0
3093	7220	-2400	2.5
3094	2000	1090	80.0

SAMPLE	LINE	PICKET	GOLD (PPB)
3096	1020	1300	20.0
3097	1030	1300	55.0
3128	7085	-4585	2.5
3129	7065	-4575	2.5
3130	7050	-4565	2.5
3131	7045	-4575	2.5
3132	7030	-4550	2.5
3133	7095	-4585	2.5
3134	7080	-4610	2.5
3137	6295	-2310	2.5
3138	6295	-2310	2.5
3140	5895	-4770	2.5
3141	5910	-4750	2.5
3143	5890	-3925	2.5
3145	6025	-3550	2.5
3146	7050	-4565	2.5
3147	7050	-4565	2.5
3148	5390	-4860	2.5
3149	5400	-4760	10.0
3150	5415	-2725	2.5
3152	5430	-4920	2.5
3153	5400	-4900	2.5
3154	4760	-5675	2.5
3155	4760	-5675	2.5
3156	4760	-5675	2.5
3157	4750	-5670	2.5
3158	4850	-5530	2.5
3159	4850	-5530	30.0
3160	4820	-5625	2.5
3161	4820	-5625	2.5
3162	4820	-5625	2.5
3163	4820	-5625	2.5
3164	4835	-5625	2.5
3165	4835	-5625	30.0
3166	4850	-5625	2.5
3167	5010	-5595	2.5
3168	4700	-5355	10.0
3169	4680	-5080	2.5
3170	4695	-4990	2.5
3171	4685	-4630	180.0
3173	4730	-4270	15.0

SAMPLE	LINE	PICKET	GOLD (PPB)
3174	4805	-3755	30.0
3175	4810	-3770	70.0
3176	4800	-4225	10.0
3177	4780	-4225	10.0
3178	4790	-4625	910.0
3180	4020	-4625	850.0
3181	4070	-4525	730.0
3182	4215	-4625	70.0
3183	4215	-4625	160.0
3185	4580	-5060	2.5
3186	4495	-4525	15.0
3187	4495	-4525	5.0
3188	4495	-4525	2.5
3189	4605	-4207	5.0
3190	4605	-4207	5.0
3191	4597	-4520	6300.0
3192	4615	-4625	35.0
4114	5025	-5525	2.5
4115	5000	-5530	2.5
4116	4980	-5475	2.5
4118	4900	-5600	2.5
LB001	5400	-350	30.0
LB002	5400	-350	5.0
LB003	5400	-350	10.0
LB004	5400	-350	5.0
LB005	5400	-350	5.0
LB006	5400	-350	2.5
LB007	5400	-350	10.0
LB008	5400	-350	2.5
9001	8615	-1795	130.0
9002	8615	-1796	10.0
9003	8616	-1796	5.0
9004	8617	-1796	15.0
9005	8620	-1794	15.0
9006	8620	-1795	20.0
9007	8621	-1796	30.0
9008	8622	-1795	20.0
9009	8623	-1796	15.0
9010	8625	-1793	20.0

APPENDIX II

REPORT OF ANALYSIS - SOILS

APPENDIX II - McVICAR LAKE SOIL SURVEYS 1992

SAMPLE	LINE	PICKET	GOLD
6001	4100	-4900	<1
6002	4100	-4850	<1
6003	4100	-4800	<1
6004	4100	-4750	<1
6005	4100	-4700	<1
6006	4100	-4650	<1
6007	4100	-4600	<1
6008	4100	-4550	2.00
6009	4100	-4500	<1
6010	4100	-4450	2.00
6011	4100	-4400	<1
6012	4100	-4350	<1
6013	4100	-4300	<1
6014	4100	-4250	<1
6015	4100	-4200	<1
6016	4100	-4150	<1
6017	4100	-4100	<1
6018	4100	-4050	<1
6019	4100	-4000	<1
6020	4100	-3950	<1
6021	4100	-3900	<1
6022	4100	-3850	<5
6023	4100	-3800	<5
6024	4100	-3750	<1
6048	4300	-4900	<1
6047	4300	-4850	<1
6046	4300	-4800	<1
6045	4300	-4750	<1
6044	4300	-4700	<5
6043	4300	-4650	<5
6042	4300	-4600	<1
6041	4300	-4550	<1
6040	4300	-4500	<1
6039	4300	-4450	<1
6038	4300	-4400	<1
6037	4300	-4350	<1
6036	4300	-4300	<1
6035	4300	-4250	<1
6034	4300	-4200	<1

SAMPLE	LINE	PICKET	GOLD
6033	4300	-4150	<1
6032	4300	-4100	<5
6031	4300	-4050	5.00
6030	4300	-4000	<5
6029	4300	-3950	<5
6028	4300	-3900	<1
6027	4300	-3850	<5
6026	4300	-3800	<5
6025	4300	-3750	<5
6049	4500	-4900	<1
6050	4500	-4850	<5
6051	4500	-4800	<5
6052	4500	-4750	<5
6053	4500	-4700	<5
6054	4500	-4650	<5
6055	4500	-4600	<5
6056	4500	-4550	<1
6057	4500	-4500	<1
6058	4500	-4450	<1
6059	4500	-4400	<1
6060	4500	-4300	<1
6061	4500	-4250	<1
6062	4500	-4200	<1
6063	4500	-4150	<1
6064	4500	-4100	<1
6065	4500	-4050	<1
6088	4700	-4900	<5
6087	4700	-4850	<5
6086	4700	-4800	<5
6085	4700	-4750	<5
6084	4700	-4700	<5
6083	4700	-4650	<5
6082	4700	-4600	<5
6081	4700	-4550	<5
6080	4700	-4500	<1
6079	4700	-4400	<5
6078	4700	-4350	<5
6077	4700	-4300	<1
6076	4700	-4250	<5
6075	4700	-4200	<1
6074	4700	-4150	<1

SAMPLE	LINE	PICKET	GOLD
6073	4700	-4100	<1
6072	4700	-4050	<1
6071	4700	-4000	<1
6070	4700	-3950	<1
6069	4700	-3900	<1
6068	4700	-3850	<1
6067	4700	-3800	<1
6066	4700	-3750	<1
7122	6200	-4500	<1
7123	6200	-4450	<1
7124	6200	-4400	<1
7125	6200	-4350	<1
7126	6200	-4300	<1
7127	6200	-4250	<1
7128	6200	-4200	<1
7129	6200	-4150	<1
7130	6200	-4100	<1
7131	6200	-4050	<1
7132	6200	-4000	<1
7133	6200	-3950	<5
7134	6200	-3900	<1
7135	6200	-3850	<1
7136	6200	-3800	<1
7137	6200	-3750	<1
7149	6300	-4300	<1
7148	6300	-4250	<1
7147	6300	-4200	<1
7146	6300	-4150	<1
7145	6300	-4100	<1
7144	6300	-4050	<1
7143	6300	-4000	<1
7142	6300	-3950	<1
7141	6300	-3900	<5
7140	6300	-3850	<5
7139	6300	-3800	<5
7138	6300	-3750	<5
7150	6400	-4300	<1
7151	6400	-4250	<1
7152	6400	-4200	<1
7153	6400	-4150	<1
7154	6400	-4100	<1

SAMPLE	LINE	PICKET	GOLD
7155	6400	-4050	<1
7156	6400	-4000	<1
7157	6400	-3950	<1
7158	6400	-3900	<1
7159	6400	-3850	<5
7160	6400	-3800	<1
7161	6400	-3750	<1
7172	6500	-4300	<5
7171	6500	-4250	<5
7170	6500	-4200	<1
7169	6500	-4150	<1
7168	6500	-4100	<1
7167	6500	-4050	<1
7166	6500	-3950	<1
7165	6500	-3900	<1
7164	6500	-3850	<5
7163	6500	-3800	<5
7162	6500	-3750	<1
7173	6600	-4300	<5
7174	6600	-4250	<5
7175	6600	-4200	<5
7176	6600	-4150	<5
7177	6600	-4100	<1
7178	6600	-4050	<1
7179	6600	-4000	<1
7180	6600	-3950	<1
7181	6600	-3900	<1
7182	6600	-3850	<1
7183	6600	-3800	<5
7184	6600	-3750	<1
7195	6700	-4250	<5
7194	6700	-4200	<5
7193	6700	-4150	<5
7192	6700	-4100	<5
7191	6700	-4050	<5
7190	6700	-4000	<5
7189	6700	-3950	<5
7188	6700	-3900	<1
7187	6700	-3850	<1
7186	6700	-3800	<1
7185	6700	-3750	<1

SAMPLE	LINE	PICKET	GOLD
6213	6800	-4800	2.00
6214	6800	-4750	<1
6215	6800	-4700	<1
6216	6800	-4650	<1
6217	6800	-4600	<1
6218	6800	-4550	<1
6219	6800	-4500	<1
6220	6800	-4450	<1
6221	6800	-4400	<1
6222	6800	-4350	<1
6223	6800	-4300	<1
6224	6800	-4250	<1
6225	6800	-4200	<1
6226	6800	-4150	<1
6227	6800	-4100	<1
6228	6800	-4050	<5
6229	6800	-4000	<5
6230	6800	-3950	<5
6231	6800	-3900	<5
6232	6800	-3850	<5
6233	6800	-3800	<1
6234	6800	-3750	<1
6257	6900	-4850	<1
6256	6900	-4800	<5
6255	6900	-4750	<5
6254	6900	-4700	<5
6253	6900	-4650	<5
6252	6900	-4600	<5
6251	6900	-4550	<5
6250	6900	-4500	<1
6249	6900	-4450	<1
6248	6900	-4400	<5
6247	6900	-4350	<5
6246	6900	-4300	<5
6245	6900	-4250	<5
6244	6900	-4200	<5
6243	6900	-4150	<5
6242	6900	-4100	<5
6241	6900	-4050	<5
6240	6900	-4000	<1
6239	6900	-3950	<1

SAMPLE	LINE	PICKET	GOLD
6238	6900	-3900	<1
6237	6900	-3850	<1
6236	6900	-3800	<1
6235	6900	-3750	<1
6258	7000	-4850	<5
6259	7000	-4800	<5
6260	7000	-4750	<5
6261	7000	-4700	<5
6262	7000	-4650	<5
6263	7000	-4600	<1
6264	7000	-4550	<1
6265	7000	-4500	<1
6277	7100	-4850	<5
6276	7100	-4825	<5
6275	7100	-4800	<5
6274	7100	-4775	<5
6273	7100	-4750	<5
6272	7100	-4725	<5
6271	7100	-4700	<1
6270	7100	-4675	<1
6269	7100	-4650	<1
6268	7100	-4625	<1
6267	7100	-4600	<1
6266	7100	-4575	<5
6089	7300	-3750	<1
6090	7300	-3700	<1
6091	7300	-3650	<1
6092	7300	-3600	<5
6093	7300	-3550	<1
6094	7300	-3500	<1
6095	7300	-3450	<1
6096	7300	-3400	<1
6097	7300	-3350	<1
6098	7300	-3300	<5
6099	7300	-3250	<1
6100	7300	-3200	<1
6101	7300	-3150	<1
6102	7300	-3100	<5
6103	7300	-3050	<1
6104	7300	-3000	<1
6105	7300	-2950	<1

SAMPLE	LINE	PICKET	GOLD
6106	7300	-2900	<1
6107	7300	-2850	<1
6108	7300	-2750	<1
6109	7300	-2700	<1
6110	7300	-2650	<5
6111	7300	-2600	<1
6112	7300	-2550	<1
6113	7300	-2500	<1
6114	7300	-2450	<1
6115	7300	-2400	<1
6116	7300	-2350	<1
6117	7300	-2300	<1
6118	7300	-2250	<5
6119	7300	-2200	<5
6120	7300	-2150	<5
6121	7300	-2100	<5
6122	7300	-2050	<1
6123	7300	-2000	<1
6124	7300	-1950	<1
6125	7300	-1900	<1
6126	7300	-1850	<1
6127	7300	-1800	<1
6128	7300	-1750	<1
6170	7400	-3750	<5
6169	7400	-3700	<1
6168	7400	-3650	<1
6167	7400	-3600	<1
6166	7400	-3550	<1
6165	7400	-3500	<5
6164	7400	-3450	<5
6163	7400	-3400	<5
6162	7400	-3350	<1
6161	7400	-3300	<5
6160	7400	-3250	<5
6159	7400	-3200	<5
6158	7400	-3150	<5
6157	7400	-3100	<5
6156	7400	-3050	<5
6155	7400	-3000	<1
6154	7400	-2950	<1
6153	7400	-2900	<1

SAMPLE	LINE	PICKET	GOLD
6152	7400	-2850	<1
6151	7400	-2800	<1
6150	7400	-2750	<1
6149	7400	-2700	<1
6148	7400	-2650	<1
6147	7400	-2600	10.00
6146	7400	-2550	<1
6145	7400	-2500	<1
6144	7400	-2450	<1
6143	7400	-2400	<1
6142	7400	-2350	<5
6141	7400	-2300	<5
6140	7400	-2250	<1
6139	7400	-2200	<5
6138	7400	-2150	<1
6137	7400	-2100	<1
6136	7400	-2050	<1
6135	7400	-2000	<1
6134	7400	-1950	<1
6133	7400	-1900	<1
6132	7400	-1850	<1
6131	7400	-1800	<1
6130	7400	-1750	<1
6129	7400	-1700	<1
6171	7500	-3750	<1
6172	7500	-3700	<1
6173	7500	-3650	1.00
6174	7500	-3600	<1
6175	7500	-3550	<1
6176	7500	-3500	<1
6177	7500	-3450	<1
6178	7500	-3400	<1
6179	7500	-3350	<1
6180	7500	-3300	<1
6181	7500	-3250	1.00
6182	7500	-3200	<1
6183	7500	-3150	<1
6184	7500	-3100	<1
6185	7500	-3050	<1
6186	7500	-3000	<1
6187	7500	-2950	<1

SAMPLE	LINE	PICKET	GOLD
6188	7500	-2900	<1
6189	7500	-2850	<1
6190	7500	-2800	<1
6191	7500	-2750	<1
6192	7500	-2700	<1
6193	7500	-2650	2.00
6194	7500	-2600	<1
6195	7500	-2550	<1
6196	7500	-2500	<1
6197	7500	-2450	<1
6198	7500	-2400	<1
6199	7500	-2350	<1
6200	7500	-2300	<5
6201	7500	-2250	<1
6202	7500	-2200	<1
6203	7500	-2150	<1
6204	7500	-2100	<1
6205	7500	-2050	<1
6206	7500	-2000	<1
6207	7500	-1950	<1
6208	7500	-1900	<1
6209	7500	-1850	<1
6210	7500	-1800	<1
6211	7500	-1750	<1
6212	7500	-1700	<1
7041	7600	-3750	<1
7040	7600	-3700	<1
7039	7600	-3650	<1
7038	7600	-3600	<1
7037	7600	-3550	<1
7036	7600	-3500	<1
7035	7600	-3450	<1
7034	7600	-3400	<1
7033	7600	-3350	<1
7032	7600	-3300	<1
7031	7600	-3250	<1
7030	7600	-3200	<1
7029	7600	-3150	<5
7028	7600	-3100	<1
7027	7600	-3050	<1
7026	7600	-3000	<1

SAMPLE	LINE	PICKET	GOLD
7025	7600	-2950	<1
7024	7600	-2900	<1
7023	7600	-2850	<1
7022	7600	-2800	<1
7021	7600	-2750	<1
7020	7600	-2700	<5
7019	7600	-2650	<5
7018	7600	-2600	<5
7017	7600	-2550	<5
7016	7600	-2500	<1
7015	7600	-2450	<1
7014	7600	-2400	<5
7013	7600	-2350	<1
7012	7600	-2300	<1
7011	7600	-2250	<1
7010	7600	-2200	<1
7009	7600	-2150	<1
7008	7600	-2100	<5
7007	7600	-2050	<1
7006	7600	-2000	<1
7005	7600	-1950	<5
7004	7600	-1900	<1
7003	7600	-1850	<1
7002	7600	-1800	<1
7001	7600	-1750	<1
7042	7700	-3750	<5
7043	7700	-3700	<5
7044	7700	-3650	<1
7045	7700	-3600	<1
7046	7700	-3550	<1
7047	7700	-3500	<1
7048	7700	-3450	<1
7049	7700	-3400	2.00
7050	7700	-3350	<1
7051	7700	-3300	<1
7052	7700	-3250	<1
7053	7700	-3200	<1
7054	7700	-3150	<5
7055	7700	-3100	<5
7056	7700	-3050	<5
7057	7700	-3000	<5

SAMPLE	LINE	PICKET	GOLD
7058	7700	-2950	<5
7059	7700	-2900	<1
7060	7700	-2850	<5
7061	7700	-2800	<1
7062	7700	-2750	<1
7063	7700	-2700	<5
7064	7700	-2650	<5
7065	7700	-2600	<1
7066	7700	-2550	<5
7067	7700	-2500	<5
7068	7700	-2400	<1
7069	7700	-2350	<1
7070	7700	-2300	<1
7071	7700	-2250	<1
7072	7700	-2200	<1
7073	7700	-2150	<1
7074	7700	-2100	<5
7075	7700	-2050	<5
7076	7700	-2000	<1
7077	7700	-1950	<1
7078	7700	-1900	<5
7079	7700	-1850	1.00
7080	7700	-1800	<5
7081	7700	-1750	<1
7121	7800	-3750	<5
7120	7800	-3700	<5
7119	7800	-3650	<5
7118	7800	-3600	<5
7117	7800	-3550	<5
7116	7800	-3500	<1
7115	7800	-3450	<5
7114	7800	-3400	<5
7113	7800	-3350	<5
7112	7800	-3300	<5
7111	7800	-3250	<5
7110	7800	-3200	<5
7109	7800	-3150	<5
7108	7800	-3100	<5
7107	7800	-3050	<5
7106	7800	-3000	<1
7105	7800	-2950	<1

SAMPLE	LINE	PICKET	GOLD
7104	7800	-2900	<5
7103	7800	-2850	<1
7102	7800	-2800	<1
7101	7800	-2750	<1
7100	7800	-2650	<1
7099	7800	-2600	<5
7098	7800	-2550	<1
7097	7800	-2500	<5
7096	7800	-2450	<5
7095	7800	-2400	<5
7094	7800	-2350	<5
7093	7800	-2300	<1
7092	7800	-2250	<1
7091	7800	-2200	<1
7090	7800	-2150	<5
7089	7800	-2100	<5
7088	7800	-2050	<1
7087	7800	-2000	<1
7086	7800	-1950	<1
7085	7800	-1900	<5
7084	7800	-1850	<5
7083	7800	-1800	<5
7082	7800	-1750	<1

APPENDIX III
LITHOLOGICAL DESCRIPTIONS

by S.E. Sparks, B.Sc.
September 1991

APPENDIX III - McVICAR LAKE LITHOLOGIES

- 12 TONALITE: Light grey-green, weathers to white. Massive, medium grained. Composition is quartz and plagioclase with 20% sub-idiomorphic glassy grey quartz crystals. Weak pervasive sericite alteration which increases slightly in intensity toward outer contacts of unit.
- 7 BRECCIATED AND SHEARED ANORTHOSITIC GABBRO:
Medium green, weathers to white. Massive, fine grained. Moderately, pervasively sericite altered. Moderate silica alteration in patches. Weak apple green mica alteration occurs in patches up to 10 cm long. Moderately to intensely sheared breccia fragments.
- 7a SHEARED ANORTHOSITIC GABBRO:
Dark green, weathers to buff and dark green. Very fine grained. Moderate to intense pervasive apple green mica, sericite, and chlorite alteration. Weak to moderate pervasive silica alteration. Intensity of all alterations varies throughout unit. Minor pyrite mineralization occurs as dissemination and stringers.
- 7b BRECCIATED ANORTHOSITIC GABBRO:
Dark green and white, weathers to buff-white. Massive, medium grained. Weak pervasive sericite alteration. Weak carbonate alteration along fractures.
- 7d SILICIFIED ANORTHOSITIC GABBRO:
Light green-grey, weathers to white. Massive, medium grained. <1mm anorthositic plagioclase in fine grained mafic matrix. Intense pervasive silica alteration. Trace pyrite mineralization on fracture surfaces.
- 6a SHEARED BASALT:
Light green-grey, weathers to dark grey-green. Massive, very fine grained. Moderate pervasive sericite alteration. Weak pervasive silica alteration. Moderate carbonate alteration along fractures. Moderately sheared.

4a ANORTHOSITIC GABBRO:

Dark green, weathers to light green-grey. Massive, medium grained. 40% sub-idiomorphic anorthositic plagioclase (1-2 mm diameter) in fine grained mafic chlorite-rich matrix. Weak pervasive sericite alteration. Moderately sheared.

7a SHEARED ANORTHOSITIC GABBRO:

Light grey to buff and apple green, weathers to apple green and buff. Intensely sericite and apple green mica altered. Carbonate alteration is both pervasive and in 3-5 mm wide veinlets. Intensely sheared but remanent anorthositic texture is apparent. Trace disseminated pyrite. Unit contains 10-20 cm by 5 cm pods of buff-coloured intermediate intrusive which has abundant 1-2 mm clear quartz crystals and which is moderately sericite altered. Intrusion pods lie parallel to schistosity. Shearing occurs in several directions and in some areas occurs in a radial pattern.

7b BRECCIATED ANORTHOSITIC GABBRO:

Light grey to buff matrix, weathers to light buff to white. Matrix is intensely sericite altered; carbonate alteration occurs pervasively and as 3-5 mm veinlets. Inclusions are angular clasts 10-30 cm long by 10 cm wide of apple green mica altered sheared anorthositic gabbro (7a), medium grained intermediate intrusive and intensely silicified anorthositic gabbro.

6b BRECCIATED BASALT:

Dark green and white, weathers to buff-grey. Matrix is moderately carbonate altered fine grained basalt. Carbonate alteration also occurs as irregular veinlets 2-6 mm wide. Inclusions are angular 10-20 cm, composed of medium grained intermediate intrusive and silicified gabbro. Intermediate intrusive also occurs as veinlets. Silicified gabbro occurs as irregular rounded patches 10-20 cm in diameter.

APPENDIX IV

ACTIVE CLAIMS - THIS WORK REPORT

APPENDIX IV - ACTIVE CLAIMS 1992

DISTRICT	CLAIM #	SIZE (ha)	CLAIM SHEET
PA	1006251	16	McVICAR LAKE G-2121
PA	1006252	16	McVICAR LAKE G-2121
PA	1080593	16	STOUGHTON LK G-2228
PA	1080594	16	STOUGHTON LK G-2228
PA	1080634	16	STOUGHTON LK G-2228
PA	1080654	16	STOUGHTON LK G-2228
PA	1100653	16	STOUGHTON LK G-2228
PA	1144651	16	McVICAR LAKE G-2121
PA	1144671	16	McVICAR LAKE G-2121
PA	1144672	16	McVICAR LAKE G-2121
PA	1144673	16	McVICAR LAKE G-2121
PA	1144674	16	McVICAR LAKE G-2121
PA	1144675	16	McVICAR LAKE G-2121
PA	1144676	16	McVICAR LAKE G-2121
PA	1144677	16	McVICAR LAKE G-2121
PA	1144678	16	McVICAR LAKE G-2121
PA	1144679	16	McVICAR LAKE G-2121
PA	1144680	16	McVICAR LAKE G-2121
PA	1144681	16	McVICAR LAKE G-2121
PA	1144682	16	McVICAR LAKE G-2121
PA	1144683	16	McVICAR LAKE G-2121
PA	1144684	16	McVICAR LAKE G-2121
PA	1144688	16	McVICAR LAKE G-2121
PA	1144691	16	McVICAR LAKE G-2121
PA	1144692	16	McVICAR LAKE G-2121
PA	1144693	16	McVICAR LAKE G-2121
PA	1144694	16	McVICAR LAKE G-2121
PA	1144697	16	McVICAR LAKE G-2121
PA	1144713	16	McVICAR LAKE G-2121
PA	1144719	16	McVICAR LAKE G-2121
PA	1144727	16	STOUGHTON LK G-2228
PA	1144728	16	STOUGHTON LK G-2228
PA	1144729	16	STOUGHTON LK G-2228
PA	1144730	16	STOUGHTON LK G-2228
PA	1144733	16	STOUGHTON LK G-2228
PA	1144734	16	STOUGHTON LK G-2228
PA	1144735	16	STOUGHTON LK G-2228
PA	1144736	16	STOUGHTON LK G-2228

DISTRICT	CLAIM #	SIZE (ha)	CLAIM SHEET
PA	1144739	16	STOUGHTON LK G-2228
PA	1144740	16	STOUGHTON LK G-2228
PA	1144741	16	STOUGHTON LK G-2228
PA	1144742	16	STOUGHTON LK G-2228
PA	1144745	16	STOUGHTON LK G-2228
PA	1144746	16	STOUGHTON LK G-2228
PA	1144747	16	STOUGHTON LK G-2228
PA	1144748	16	STOUGHTON LK G-2228
PA	1144755	16	STOUGHTON LK G-2228
PA	1144757	16	STOUGHTON LK G-2228
PA	1144777	16	STOUGHTON LK G-2228
PA	1144778	16	STOUGHTON LK G-2228
PA	1144779	16	STOUGHTON LK G-2228
PA	1144780	16	STOUGHTON LK G-2228
PA	1144783	16	STOUGHTON LK G-2228
PA	1144784	16	STOUGHTON LK G-2228
PA	1144785	16	STOUGHTON LK G-2228
PA	1144786	16	STOUGHTON LK G-2228
PA	1144791	16	STOUGHTON LK G-2228
PA	1144792	16	STOUGHTON LK G-2228
PA	1144797	16	STOUGHTON LK G-2228
PA	1144798	16	STOUGHTON LK G-2228
PA	1144837	16	STOUGHTON LK G-2228
PA	1144838	16	STOUGHTON LK G-2228
PA	1169292	16	McVICAR LAKE G-2121
PA	1169293	16	McVICAR LAKE G-2121
PA	1169294	16	McVICAR LAKE G-2121
PA	1169295	16	McVICAR LAKE G-2121
PA	1169296	16	McVICAR LAKE G-2121
PA	1169297	16	McVICAR LAKE G-2121
PA	1169298	16	McVICAR LAKE G-2121
PA	1169299	16	McVICAR LAKE G-2121
PA	1169300	16	McVICAR LAKE G-2121
PA	1173154	16	McVICAR LAKE G-2121
PA	1173155	16	McVICAR LAKE G-2121
PA	1173155	16	McV G-2121 & STGHN G2228
PA	1179701	16	McVICAR LAKE G-2121
PA	1179702	16	McVICAR LAKE G-2121
PA	1179703	16	McVICAR LAKE G-2121
PA	1179713	16	McVICAR LAKE G-2121

DISTRICT	CLAIM #	SIZE (ha)	CLAIM SHEET
PA	1179720	16	McVICAR LAKE G-2121
PA	1179725	16	McVICAR LAKE G-2121
PA	1179726	16	McVICAR LAKE G-2121
PA	1179730	16	McVICAR LAKE G-2121
PA	1179731	16	McVICAR LAKE G-2121
PA	1179732	16	McVICAR LAKE G-2121
PA	1179733	16	McVICAR LAKE G-2121
PA	1179734	16	McVICAR LAKE G-2121
PA	1179735	16	McVICAR LAKE G-2121
PA	1179736	16	McVICAR LAKE G-2121
PA	1179737	16	McVICAR LAKE G-2121
PA	1179740	16	McVICAR LAKE G-2121
PA	1179741	16	McVICAR LAKE G-2121
PA	1179742	16	McVICAR LAKE G-2121
PA	1179743	16	McVICAR LAKE G-2121
PA	1179744	16	McVICAR LAKE G-2121
PA	1179745	16	McVICAR LAKE G-2121
PA	1179746	16	McVICAR LAKE G-2121
PA	1179747	16	McVICAR LAKE G-2121
PA	1179750	16	McVICAR LAKE G-2121
PA	1179751	16	McVICAR LAKE G-2121
PA	1179752	16	McVICAR LAKE G-2121
PA	1179753	16	McVICAR LAKE G-2121
PA	1179754	16	McVICAR LAKE G-2121
PA	1179755	16	McVICAR LAKE G-2121
PA	1179756	16	McVICAR LAKE G-2121
PA	1179757	16	McVICAR LAKE G-2121
PA	1180578	16	McVICAR LAKE G-2121
PA	1180579	16	McVICAR LAKE G-2121
PA	1180580	16	McVICAR LAKE G-2121
PA	1180581	16	McVICAR LAKE G-2121
PA	1180582	16	McVICAR LAKE G-2121
PA	1180596	16	McVICAR LAKE G-2121
PA	1180638	16	McVICAR LAKE G-2121
PA	1180641	16	McVICAR LAKE G-2121
PA	1180642	16	McVICAR LAKE G-2121

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Certificat/Certificate**2R-1913-RG1**

Comp: **BHP MINERALS CANADA LTD.**
Proj: **1446**
Attn: **R. BONNER**

Date: NOV-24-92

Nombre D'Echantillons/No. of Samples:
Soumis le/Submitted: **NOV-05-92**

No. D'Echantillon Sample Number	AU PPB
6001	<1
6002	<1
6003	<1
6004	<1
6005	<1
6006	<1
6007	<1
6008	2
6009	<1
6010	2
6011	<1
6012	<1
6013	<1
6014	<1
6015	<1
6016	<1
6017	<1
6018	<1
6019	<1
6020	<1
6021	<1
6022	<5

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Certificat/Certificate

2R-1913-RG2

Comp: BHP MINERALS CANADA LTD.
 Proj: 1446
 Attn: R. BONNER

Date: NOV-24-92

Nombre D'Echantillons/No. of Samples:
 Soumis le/Submitted: NOV-05-92

No. D'Echantillon Sample Number	AU PPB
6023	0
6024	1
6025	0
6026	0
6027	0
6028	1
6029	0
6030	0
6031	3
6032	0
6033	1
6034	1
6035	1
6036	1
6037	1
6038	1
6039	1
6040	1
6041	1
6042	1
6043	0
6044	0

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Certificat/Certificate**2R-1913-RG3**Comp: **BHP MINERALS CANADA LTD.**Date: **NOV-24-92**Proj: **1446**Attn: **R. BONNER**

Nombre D'Echantillons/No. of Samples:

Soumis le/Submitted: **NOV-05-92**

No. D'Echantillon Sample Number	AU PPB
6045	<1
6046	<1
6047	<1
6048	<1
6049	<1
6050	<1
6051	<1
6052	<1
6053	<1
6054	<1
6055	<1
6056	<1
6057	<1
6058	<1
6059	<1
6060	<1
6061	<1
6062	<1
6063	<1
6064	<1
6065	<1
6066	<1

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Certificat/Certificate

2R-1913-RG4

Comp: BHP MINERALS CANADA LTD.
Proj: 1446
Attn: R. BONNER

Date: NOV-24-92

Nombre D'Echantillons/No. of Samples:
Soumis le/Submitted: NOV-05-92

No. D'Echantillon Sample Number	AU PPB
6067	<1
6068	<1
6069	<1
6070	<1
6071	<1
6072	<1
6073	<1
6074	<1
6075	<1
6076	<1
6077	<1
6078	<1
6079	<1
6080	<1
6081	<1
6082	<1
6083	<1
6084	<1
6085	<1
6086	<1
6087	<1
6088	<1

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Certificat/Certificate

2R-1913-RG5

Comp: BHP MINERALS CANADA LTD.
Proj: 1446
Ann: R. BONNER

Date: NOV-24-92

Nombre D'Echantillons/No. of Samples:
Soumis le/Submitted: NOV-05-92

No. D'Echantillon Sample Number	AU PPB
6089	<1
6090	<1
6091	<1
6092	<1
6093	<1
6094	<1
6095	<1
6096	<1
6097	<1
6098	<1
6099	<1
6100	<1
6101	<1
6102	<1
6103	<1
6104	<1
6105	<1
6106	<1
6107	<1
6108	<1
6109	<1
6110	<1

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Certificat/Certificate**2R-1913-RG6**

Comp: **BHP MINERALS CANADA LTD.**
Proj: **1446**
Attn: **R. BONNER**

Date: **NOV-24-92**

Nombre D'Echantillons/No. of Samples:

Soumis le/Submitted: **NOV-05-92**

No. D'Echantillon
Sample Number

AU
PPB

6111	<1
6112	<1
6113	<1
6114	<1
6115	<1
6116	<1
6117	<1
6118	<1
6119	<1
6120	<1
6121	<1
6122	<1
6123	<1
6124	<1
6125	<1
6126	<1
6127	<1
6128	<1
6129	<1
6130	<1
6131	<1
6132	<1

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Certificat/Certificate

2R-1913-RG7

Comp: BHP MINERALS CANADA LTD.
Proj: 1446
Attn: R. BONNER

Date: NOV-24-92

Nombre D'Echantillons/No. of Samples:
Soumise le/Submitted: NOV-05-92

No. D'Echantillon Sample Number	AU PPB
6133	<1
6134	<1
6135	<1
6136	<1
6137	<1
6138	<1
6139	<1
6140	<1
6141	<1
6142	<1
6143	<1
6144	<1
6145	<1
6146	<1
6147	10
6148	<1
6149	<1
6150	<1
6151	<1
6152	<1
6153	<1
6154	<1

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Certificat/Certificate**2R-1913-RG8**

Comp: **BHP MINERALS CANADA LTD.**
Proj: **1446**
Attn: **R. BONNER**

Date: **NOV-24-92**

Nombre D'Echantillons/No. of Samples:
Soumis le/Submitted: **NOV-05-92**

No. D'Echantillon
Sample Number

AU
PPB

6155	<1
6156	<1
6157	<1
6158	<1
6159	<1
6160	<1
6161	<1
6162	<1
6163	<1
6164	<1
6165	<1
6166	<1
6167	<1
6168	<1
6169	<1
6170	<1
6171	<1
6172	<1
6173	1
6174	<1
6175	<1
6176	<1

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Certificat/Certificate**2R-1913-RG9**Comp: **BHP MINERALS CANADA LTD.**Date: **NOV-24-92**Proj: **1446**Atta: **R. BONNER**

Nombre D'Echantillons/No. of Samples:

Soumis le/Submitted: **NOV-05-92**No. D'Echantillon
Sample NumberAU
PPB

6177

<1

6178

<1

6179

<1

6180

<1

6181

1

6182

<1

6183

<1

6184

<1

6185

<1

6186

<1

6187

<1

6188

<1

6189

<1

6190

<1

6191

<1

6192

<1

6193

2

6194

<1

6195

<1

6196

<1

6197

<1

6198

<1

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J.J. Landers**"AU SERVICE DE L'INDUSTRIE DEPUIS PLUS DE 50 ANS"****"SERVING INDUSTRY FOR OVER 50 YEARS"**

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Certificat/Certificate**2R-1913-RG10**

Comp: **BHP MINERALS CANADA LTD.**
Proj: **1446**
Attn: **R. BONNER**

Date: **NOV-24-92**

Nombre D'Echantillons/No. of Samples:
Soumis le/Submitted: **NOV-05-92**

No. D'Echantillon Sample Number	AU PPB
6199	<1
6200	<1
6201	<1
6202	<1
6203	<1
6204	<1
6205	<1
6206	<1
6207	<1
6208	<1
6209	<1
6210	<1
6211	<1
6212	<1
6213	2
6214	<1
6215	<1
6216	<1
6217	<1
6218	<1
6219	<1
6220	<1

Certifié par/Certified by _____

J.J. Landers

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"SERVING INDUSTRY FOR OVER 50 YEARS"





DIVISION DE/OF ASSAYERS CORPORATION LTD.

780, AV. DU CUIVRE, C.P. 665, ROUYN-NORANDA (QUÉBEC) J9X 5C8 TEL.: (819) 797-4653 FAX: (819) 797-4501

2R-1913-RG11

Date: NOV-24-92

Nombre D'Echantillons/No. of Samples:
Soumis le/Submitted: NOV-05-92

No. D'Echantillon	AU
Sample Number	PPB
6221	△
6222	△
6223	△
6224	△
6225	△
6226	△
6227	△
6228	△
6229	△
6230	△
6231	△
6232	△
6233	△
6234	△
6235	△
6236	△
6237	△
6238	△
6239	△
6240	△
6241	△
6242	△

J.J. Landers

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"SERVING INDUSTRY FOR OVER 50 YEARS"



**ASSAYERS**

LABORATOIRES/LABORATORIES

DIVISION DE/OF ASSAYERS CORPORATION LTD.

780, AV. DU CUIVRE, C.P. 866, ROUYN-NORANDA (QUEBEC) J9X 5C6 TÉL.: (819) 797-4663 FAX: (819) 797-4501

Certificat/Certificate**2R-1913-RG12**Comp: **BHP MINERALS CANADA LTD.**Date: **NOV-24-92**Proj: **1446**Attn: **R. BONNER**

Nombre D'Echantillons/No. of Samples:

Soumis le/Submitted: **NOV-05-92**No. D'Echantillon
Sample NumberAU
PPB

6243	<5
6244	<5
6245	<5
6246	<5
6247	<5
6248	<5
6249	<1
6250	<1
6251	<5
6252	<5
6253	<5
6254	<5
6255	<5
6256	<5
6257	<1
6258	<5
6259	<5
6260	<5
6261	<5
6262	<5
6263	<1
6264	<1

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J.J. Landers

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Certificat/Certificate**2R-1913-RG13**

Comp: **BHP MINERALS CANADA LTD.**
Proj: **1446**
Attn: **R. BONNER**

Date: NOV-24-92

Nombre D'Echantillons/No. of Samples:
Soumis le/Submitted: **NOV-05-92**

No. D'Echantillon Sample Number	AU PPB
6265	<1
6266	<1
6267	<1
6268	<1
6269	<1
6270	<1
6271	<1
6272	<1
6273	<1
6274	<1
6275	<1
6276	<1
6277	<1
7001	<1
7002	<1
7003	<1
7004	<1
7005	<1
7006	<1
7007	<1
7008	<1
7009	<1

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Certificat/Certificate

2R-1913-RG14

Comp: BHP MINERALS CANADA LTD.
Proj: 1446
Attn: R. BONNER

Date: NOV-24-92

Nombre D'Echantillons/No. of Samples:
Source la/Submitted: NOV-05-92

No. D'Echantillon Sample Number	AU PPB
7010	△
7011	△
7012	△
7013	△
7014	△
7015	△
7016	△
7017	△
7018	△
7019	△
7020	△
7021	△
7022	△
7023	△
7024	△
7025	△
7026	△
7027	△
7028	△
7029	△
7030	△
7031	△

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Certificat/Certificate**2R-1913-RG15**Comp: **BHP MINERALS CANADA LTD.**Date: **NOV-24-92**Proj: **1446**Ann: **R. BONNER**

Nombre D'Echantillons/No. of Samples:

Soumis le/Submitted: **NOV-05-92**

No. D'Echantillon Sample Number	AU PPB
7032	<1
7033	<1
7034	<1
7035	<1
7036	<1
7037	<1
7038	<1
7039	<1
7040	<1
7041	<1
7042	6
7043	6
7044	<1
7045	<1
7046	<1
7047	<1
7048	<1
7049	2
7050	<1
7051	<1
7052	<1
7053	<1

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780, AV. DU CUIVRE, C.P. 666, ROUYN-NORANDA (QUÉBEC) J8X 5C8 TÉL.: (819) 797-4653 FAX: (819) 797-4601

Certificat/Certificate

2R-1913-RG16

Comp: **BHP MINERALS CANADA LTD.**
 Proj: **1446**
 Attn: **R. BONNER**

Date: **NOV-24-92**

Nombre D'Echantillons/No. of Samples:
 Soumis le/Submitted: **NOV-05-92**

No. D'Echantillon Sample Number	AU PPB
7054	△
7055	△
7056	△
7057	△
7058	△
7059	△
7060	△
7061	△
7062	△
7063	△
7064	△
7065	△
7066	△
7067	△
7068	△
7069	△
7070	△
7071	△
7072	△
7073	△
7074	△
7075	△

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Certificat/Certificate

2R-1913-RG17

Comp: BHP MINERALS CANADA LTD.
Proj: 1446
Ann: R. BONNER

Date: NOV-24-92

Nombre D'Echantillons/No. of Samples:

Soumis le/Submitted: NOV-05-92

No. D'Echantillon Sample Number	AU PPB
7076	<1
7077	<1
7078	<1
7079	1
7080	<1
7081	<1
7082	<1
7083	<1
7084	<1
7085	<1
7086	<1
7087	<1
7088	<1
7089	<1
7090	<1
7091	<1
7092	<1
7093	<1
7094	<1
7095	<1
7096	<1
7097	<1

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Certificat/Certificate

2R-1913-RG18

Comp: BHP MINERALS CANADA LTD.
Proj: 1446
Attn: R. BONNER

Date: NOV-24-92

Nombre D'Echantillons/No. of Samples:

Reçu le/Submitted: NOV-05-92

No. D'Echantillon Sample Number	AU PPB
7098	<1
7099	<1
7100	<1
7101	<1
7102	<1
7103	<1
7104	<1
7105	<1
7106	<1
7107	<1
7108	<1
7109	<1
7110	<1
7111	<1
7112	<1
7113	<1
7114	<1
7115	<1
7116	<1
7117	<1
7118	<1
7119	<1

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2R-1913-RG19

 Comp: **BHP MINERALS CANADA LTD.**

 Date: **NOV-24-92**

 Proj: **1446**

 Attn: **R. BONNER**

Nombre D'Echantillons/No. of Samples:

 Soumis le/Submitted: **NOV-05-92**

No. D'Echantillon Sample Number	AU PPB
7120	<1
7121	<1
7122	<1
7123	<1
7124	<1
7125	<1
7126	<1
7127	<1
7128	<1
7129	<1
7130	<1
7131	<1
7132	<1
7133	<1
7134	<1
7135	<1
7136	<1
7137	<1
7138	<1
7139	<1
7140	<1
7141	<1

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Certificat/Certificate

2R-1913-RG20

Comp: BHP MINERALS CANADA LTD.

Date: NOV-24-92

Proj: 1446

Atta: R. BONNER

Nombre D'Echantillons/No. of Samples:

Soumis le/Submitted: NOV-05-92

No. D'Echantillon Sample Number	AU PPB
7142	<1
7143	<1
7144	<1
7145	<1
7146	<1
7147	<1
7148	<1
7149	<1
7150	<1
7151	<1
7152	<1
7153	<1
7154	<1
7155	<1
7156	<1
7157	<1
7158	<1
7159	65
7160	<1
7161	<1
7162	<1
7163	65

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Certificat/Certificate**2R-1913-RG21**

Comp: **BHP MINERALS CANADA LTD.**
Proj: **1446**
Atta: **R. BONNER**

Date: **NOV-24-92**

Nombre D'Echantillons/No. of Samples:
Soumis le/Submitted: **NOV-05-92**

No. D'Echantillon Sample Number	AU PPB
7164	<1
7165	<1
7166	<1
7167	<1
7168	<1
7169	<1
7170	<1
7171	<1
7172	<1
7173	<1
7174	<1
7175	<1
7176	<1
7177	<1
7178	<1
7179	<1
7180	<1
7181	<1
7182	<1
7183	<1
7184	<1
7185	<1

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Certificat/Certificate

2R-1913-RG22

Comp: BHP MINERALS CANADA LTD.

Date: NOV-24-92

Proj: 1446

Attn: R. BONNER

Nombre D'Echantillons/No. of Samples:

Soumis le/Submitted: NOV-05-92

No. D'Echantillon Sample Number	AU PPB
7186	<1
7187	<1
7188	<1
7189	6
7190	6
7191	6
7192	6
7193	6
7194	6
7195	6

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S7K 6A4

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900 - 25 Adelaide Street East
Toronto, Ontario
M5C 1Y2REPORT No.
S4370

SAMPLE(S) OF Rock

INVOICE #: 19570
P.O.: PN:1446/TB1940S. Sparks
Project: 1446

	Au ppb	Au ozt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm
1054	<5		<.2	2	<2	9	15
1055	>1000	.032/.034	<.2	3	<2	5	1
3063	10						
3064	5						
3077	<5		1.2	1700	<2	15	7
3079	<5						
3080	10						
3081	<5						
3082	<5						
3083	<5						
3084	<5						
3085	<5						
3086	10						

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S7K 6A4

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CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM BHP Minerals Canada Ltd.
900 - 25 Adelaide Street East
Toronto, Ontario
M5C 1Y2REPORT No.
S4338

SAMPLE(S) OF Rock

INVOICE #: 19528
P.O.: TB1925S. Sparks
Project: 1446

	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Cu %
8601 1033	20	1.2	78	54	150	9	
8602 1035	20						
8603 1040	<5	.8	91	4	64	21	
8604 1045	20	1.6	14	100	980	18	
8605 1046	20	4.8	>5000	8	2300	76	1.08
8606 1053	<5						

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SAMPLE(S) FROM BHP Minerals Canada Ltd.
900 - 25 Adelaide Street East
Toronto, Ontario
M5C 1Y2

REPORT No.
S4419

SAMPLE(S) OF Rock

INVOICE #: 19625
P.O.: PN:1454/TB1967

S. Sparks
Project: ~~1454~~
1446

	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Cu %	Ni %
8620 1062	560							
8621 1063	20							
8622 1064	<5							
8623 1066	<5							
8624 1070	<5							
8625 1071	<5							
8626 1073	<5							
8627 1074	<5							
8628 1075	5							
8629 1113	<5							
8630 1114	5	.6	30	2	77	<1		
8631 1076	20	1.4	>4000	<2	30	2600	.88	
8632 1089	55	2.2	>4000	<2	44	>4000	1.73	.43
8633 2026	<5	.6	210	<2	41	52		
8634 2027	<5	.6	240	<2	17	94		
8635 3094	80	.6	73	<2	32	22		

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SAMPLE(S) FROM BHP Minerals Canada Ltd.
#900 - 25 Adelaide Street East
Toronto, Ontario
M5C 1Y2

REPORT No.
S4598

SAMPLE(S) OF Rock

INVOICE #: 19812
P.O.: TB2025

S. Sparks
Project: 1446

	Au	ppb
8694 1089	55	
8695 1090	50	
8696 1091	300	
8697 1093	<5	
8698 1095	<5	
8699 1096	<5	
8700 1097	<5	
8701 1098	<5	
8702 1099	<5	
8703 1101	<5	
8704 1102	<5	
8705 1103	<5	
8706 1104	<5	
8707 1105	<5	
8708 1106	<5	
8709 1107	<5	
8710 1110	<5	
8711 1112	<5	
8712 2028	35	
8713 2029	190	

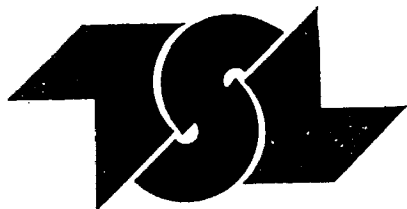
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#900 - 25 Adelaide Street East
Toronto, Ontario
M5C 1Y2

REPORT No.
S4598

SAMPLE(S) OF Rock

INVOICE #: 19812
P.O.: TB2025

S. Sparks
Project: 1446

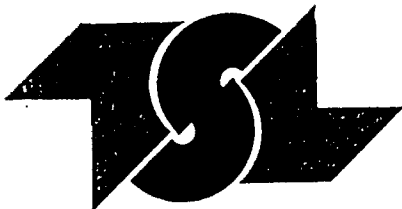
	Au	
	ppb	
8714	2030	190
8715	2031	75
8716	3064	5
8717	4114	<5
8718	4115	<5
8719	4116	<5
8720	4118	<5
8721	3128	<5
8722	3129	<5
8723	3130	<5
8724	3131	<5
8725	3152	<5
8726	3153	<5
8727	3166	<5
8728	3167	<5
8729	4115	<5
8730	4116	<5
8731	4118	<5
8732	2032	230
8733	2033	5

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Toronto, Ontario
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REPORT No.
S4598

SAMPLE(S) OF Rock

INVOICE #: 19812
P.O.: TB2025

S. Sparks
Project: 1446

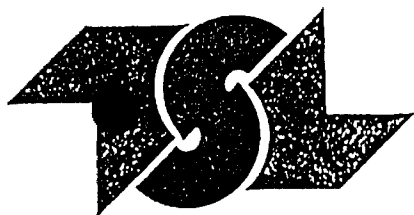
	Au	
	ppb	
8734	2034	50
8735	2035	180
8736	2036	65
8737	2037	40
8738	2038	120
8739	2039	5
8740	3132	<5
8741	3133	<5
8742	3134	<5
8743	3137	<5
8744	3138	<5
8745	3140	<5
8746	3141	<5
8747	3143	<5
8748	3145	<5
8749	3146	<5
8750	3147	<5
8751	3148	<5
8752	3149	10
8753	3150	<5

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Toronto, Ontario
M5C 1Y2

REPORT No.
S4461

SAMPLE(S) OF Rock

INVOICE #: 19667
P.O.: PN:1446/TB1979

S. Sparks
Project: 1446

	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm
8640 3087	<5	<.2	140	<2	39	95
8641 3088	<5	<.2	600	<2	38	33
8642 3092	5	<.2	90	<2	25	6
8643 1123	20	2.0	2900	<2	69	850
8644 3089	<5					
8645 3096	20					
8650 3090	<5	<.2	8	2	4	1
8651 3093	<5	<.2	12	<2	38	9

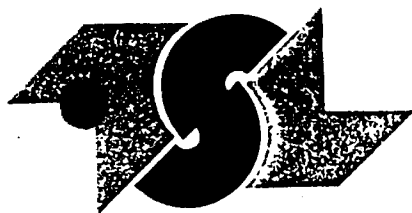
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Toronto, Ontario
M5C 1Y2

REPORT No.
S4663

SAMPLE(S) OF Rock

INVOICE #: 19905
P.O.: PN:1446/TB2047

S. Sparks
Project: 1446

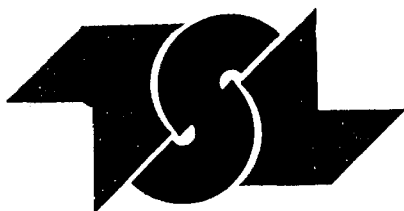
Au ppb		
8784	3180	850
8785	3181	730
8786	3182	70
8787	3183	160
8788	4114	<5
8789	1122	120
8790	3185	<5
8791	3186	15
8792	3187	5
8793	3188	<5
8794	3189	5
8795	3190	5
8796	3191	>1000
8797	3192	35

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SAMPLE(S) FROM BHP Minerals Canada Ltd.
#900 - 25 Adelaide Street East
Toronto, Ontario
M5C 1Y2

REPORT No.
S4605

SAMPLE(S) OF Rock

INVOICE #: 19833
P.O.: TB:2026

S. Sparks
Project: 1446

	Au	
	ppb	
8754	3154	<5
8755	3155	<5
8756	3156	<5
8757	3157	<5
8758	3158	<5
8759	3159	30
8760	3160	<5
8761	3161	<5
8762	3162	<5
8763	3163	<5
8764	3164	<5
8765	3165	30
8766	1115	<5
8767	1116	<5
8768	1117	<5
8769	1118	20
8770	1119	20
8771	1120	730
8772	2042	160
8773	3063	10

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Bernie Dunn





TSL LABORATORIES

2 - 302 - 48th STREET, EAST
SASKATOON, SASKATCHEWAN
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM BHP Minerals Canada Ltd.
#900 - 25 Adelaide Street East
Toronto, Ontario
M5C 1Y2

REPORT No.
S4605

SAMPLE(S) OF Rock

INVOICE #: 19833
P.O.: TB:2026

S. Sparks
Project: 1446

Au
ppb

8774	3169	<5
8775	3170	<5
8776	3171	180
8777	3173	15
8778	3174	30
8779	3175	70
8780	3176	10
8781	3177	10
8782	3178	910
8783	1121	90

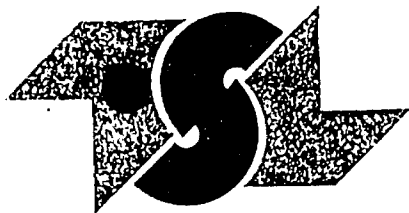
COPIES TO: R. Thomas, R. Bonner
INVOICE TO: BHP Minerals - Toronto

Aug 17/92

SIGNED

Bernie Dunn





TSL LABORATORIES

RECEIVED AUG 11 1992

2 - 302 - 48th STREET, EAST
SASKATOON, SASKATCHEWAN
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM BHP Minerals Canada Ltd.
#900 - 25 Adelaide Street East
Toronto, Ontario
M5C 1Y2

REPORT No.
S4536

SAMPLE(S) OF Rock

INVOICE #: 19775
P.O.: PN:1446/TB2005

S. Sparks
Project: 1446

	Au ppb	Au ozt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm
8663 LB001	30		.6	45	<2	380	<1
8664 LB002	5		.6	74	26	600	8
8665 LB003	10		.6	480	6	440	30
8666 LB004	5		.4	440	<2	360	29
8667 LB005	5		.4	240	18	220	15
8668 LB006	<5		.4	300	14	380	26
8669 LB007	10		1.6	3200	<2	460	56
8670 LB008	<5		.4	20	10	520	11
8671 3168	10						

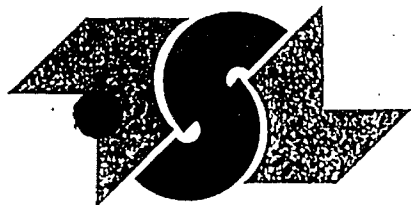
COPIES TO: R. Thomas, R. Bonner
INVOICE TO: BHP Minerals - Toronto

Aug 06/92

SIGNED

Bernie Dunn





TSL LABORATORIES

2 - 302 - 48th STREET, EAST
SASKATOON, SASKATCHEWAN
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM BHP Minerals Canada Ltd.
#900 - 25 Adelaide Street East
Toronto, Ontario
M5C 1Y2

REPORT No.
S4536

SAMPLE(S) OF Rock

INVOICE #: 19775
P.O.: PN:1446/TB2005

S. Sparks
Project: 1446

Au
ppb

Au
ozt

8680 3097 55

8682 9001 130

8683 9002 10

8684 9003 5

8685 9004 15

8686 9005 15

8687 9006 20

8688 9007 30

8689 9008 20

8690 9009 15

8691 9010 20

COPIES TO: R. Thomas, R. Bonner
INVOICE TO: BHP Minerals - Toronto

Aug 06/92

SIGNED

Bernie Dunn





52012SE0410 2.14951 STOUGHTON LAKE

900

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

Geoscience Approvals Section
Willet Green Miller Centre
933 Ramsey Lake Rd., 6th Floor
Sudbury, Ontario
P3E 6B5

Telephone: (705) 670-5853
Fax: (705) 670-5863

Our File: 2.14951
Transaction #: W9330.00006

JULY 19, 1993

Mining Recorder
Ministry of Northern
Development and Mines
Court House Building
P.O. Box 3000
Sioux Lookout, Ontario
P8T 1C6

Dear Sir:

**RE: APPROVAL OF ASSESSMENT WORK ON MINING CLAIMS PA 1144651 ET. AL. IN
THE McVICAR AND STOUGHTON LAKE AREAS.**

**The Assessment Credits for GEOLOGY and GEOCHEMISTRY, sections 12 and
13 of the Mining Act Regulations, as listed on the original
submission, have been approved as of JUNE 24, 1993.**

Please indicate this approval on the claim record sheets.

If you have any questions please call Clive Stephenson at
(705) 670-5856.

Yours sincerely,

Ron C. Gashinski
Senior Manager, Mining Lands Section
Mining and Land Management Branch
Mines and Minerals Division

CDS/dm

Report of Work Conducted After Recording Claim

Transaction Number
1/9330-00006

MINING LANDS Mining Act

2.14951

33 MAR 3 AIO: 49

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used for correspondence. Questions about this collection should be directed to the Provincial Manager, Mining Lands, Ministry of Northern Development and Mines, Fourth Floor, 159 Cedar Street, Sudbury, Ontario, P3E 6A5, telephone (705) 670-7264.

- Instructions:
- Please type or print and submit in duplicate.
 - Refer to the Mining Act and Regulations for requirements of filing assessment work or consult the Mining Recorder.
 - A separate copy of this form must be completed for each Work Group.
 - Technical reports and maps must accompany this form in duplicate.
 - A sketch, showing the claims the work is assigned to, must accompany this form.

Recorded Holder(s) BHP MINERALS CANADA LIMITED	Client No. 108137
Address 900 - 25 ADELAIDE ST. EAST, TORONTO, ONTARIO M5C 1Y2	Telephone No. 416-368-3884
Mining Division PATRICIA	Township/Area MCVICAR LK. & STOUGHTON LK.
M or G Plan No. G2121 & G2228	
Dates Work Performed From: JUNE 1, 1992	To: SEPTEMBER 1, 1992

Work Performed (Check One Work Group Only)

Work Group	Type
Geotechnical Survey	GEOLOGICAL MAPPING and HUMUS GEOCHEMICAL SURVEY (WIO)
Physical Work, Including Drilling	LINECUTTING
Rehabilitation	RECEIVED
Other Authorized Work	MAR 23 1993
Assays	MINING LANDS BRANCH
Assignment from Reserve	

Total Assessment Work Claimed on the Attached Statement of Costs \$ 76688.00

Note: The Minister may reject for assessment work credit all or part of the assessment work submitted if the recorded holder cannot verify expenditures claimed in the statement of costs within 30 days of a request for verification.

Persons and Survey Company Who Performed the Work (Give Name and Address of Author of Report)

Name	Address
R.G. BONNER (author)	569 MONETA AVE., TIMMINS, ONTARIO P4N 7X1
JACK HODGE (linecutting)	RR #1 DEVLIN, ONTARIO POW 1C0

Attach a schedule if necessary)

Certification of Beneficial Interest * See Note No. 1 on reverse side

I certify that at the time the work was performed, the claims covered in this work report were recorded in the current holder's name or held under a beneficial interest by the current recorded holder.	Date See attached page	Recorded Holder or Agent (Signature)
--	---------------------------	--------------------------------------

Certification of Work Report

I certify that I have a personal knowledge of the facts set forth in this Work report, having performed the work or witnessed same during and/or after its completion and annexed report is true.		
Name and Address of Person Certifying CRAIG WALDIE #900 - 25 ADELAIDE ST. EAST, TORONTO, ONTARIO M5C 1Y2		
Telephone No. 416-368-3884	Date MARCH 2/93	Certified By (Signature) Craig Waldie

For Office Use Only

Total Value Cr. Recorded 76688	Date Recorded 93 MAR 03	Mining Recorder [Signature]	Received Stamp RECORDED MAR 11 1993 AIO: 49 SH: 010 512
	Deemed Approval Date 93 JUN 01	Date Approved 93 JUN 03	
	Date Notice for Amendments Sent		

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units
	1144651	1
	1144671	1
	1144672	1
	1144673	1
	1144674	1
	1144675	1
	1144676	1
	1144677	1
	1144678	1
	1144679	1
	1144680	1
	1144681	1
	1144682	1
	1144683	1
	1144684	1
	1144688	1
	1144689	1
	17	

Total Number
of Claims

Value of Assessment Work Done on this Claim	Value Applied to this Claim
\$ 830.00	
\$ 831.00	
\$ 831.00	
\$ 831.00	
\$ 831.00	\$ 400.00
\$1117.00	\$ 400.00
\$1117.00	
\$ 544.00	
\$ 830.00	
\$ 830.00	
\$ 544.00	
\$ 544.00	
\$ 830.00	
\$ 544.00	
\$ 831.00	
\$ 544.00	
\$ 544.00	
\$12,973.00	\$800.00

Total Value Work
Done

Total Value
Work Applied

Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
\$ 830.00	
\$ 831.00	
\$ 831.00	
\$ 831.00	
\$ 431.00	
\$ 717.00	
\$1117.00	
\$ 544.00	
\$ 830.00	
\$ 830.00	
\$ 544.00	
\$ 544.00	
\$ 830.00	
\$ 544.00	
\$ 831.00	
\$ 544.00	
\$ 544.00	
\$12,173.00	\$0.00

Total Assigned
From

Total Reserve

MINING LANDS BRANCH

MAR 23 1993

RECEIVED

2. 1495

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units
	1144691	1
	1144692	1
	1144693	1
	1144694	1
	1144697	1
	1144713	1
	1144719	1
	1144727	1
	1144728	1
	1144729	1
	1144730	1
	1144733	1
	1144734	1
	1144735	1
	1144736	1
	1144739	1
	1144740	1
	34	

Total Number
of Claims

Value of Assessment Work Done on this Claim	Value Applied to this Claim
\$ 831.00	\$ 400.00
\$ 831.00	\$ 400.00
\$ 831.00	\$ 400.00
\$ 831.00	\$ 400.00
\$ 830.00	
\$ 544.00	\$ 600.00
\$ 544.00	
\$ 831.00	\$ 800.00
\$ 831.00	\$ 800.00
\$ 831.00	
\$ 831.00	
\$ 831.00	\$ 200.00
\$ 831.00	\$ 200.00
\$ 831.00	
\$ 831.00	
\$ 831.00	\$ 200.00
\$ 831.00	\$ 200.00
\$26,525.00	\$5,400.00

Total Value Work
Done

Total Value
Work Applied

Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
\$ 431.00	
\$ 431.00	
\$ 431.00	
\$ 56.00	\$375.00
\$ 830.00	
\$ 544.00	
\$ 31.00	
\$ 31.00	
\$ 831.00	
\$ 831.00	
\$ 631.00	
\$ 631.00	
\$ 831.00	
\$ 831.00	
\$ 631.00	
\$ 631.00	
\$20,806.00	\$375.00

Total Assigned
From

Total Reserve

MINING LANDS BRANCH

MAR 23 1993

RECEIVED

23
MAR
1993

MAR 25 1992

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Total Value
Work Applied

Total Reserve

10

MAR 3 1996

RECFIT

Total Value Work Done

Total Value
Work Applied

**Total Assigned
From****Total Reserve**

2. 1495

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units
	1179725	1
	1179726	1
	1179730	1
	1179731	1
	1179732	1
	1179733	1
	1179734	1
	1179735	1
	1179736	1
	1179737	1
	1179740	1
	1179741	1
	1179742	1
	1179743	1
	1179744	1
	1179745	1
	1179746	1
	85	

Total Number
of Claims

Value of Assessment Work Done on this Claim	Value Applied to this Claim
\$ 544.00	
\$ 544.00	
\$ 831.00	
\$ 831.00	
\$ 831.00	
\$ 831.00	
\$ 831.00	
\$ 544.00	
\$ 544.00	
\$ 544.00	
\$ 544.00	
\$ 544.00	
\$ 544.00	
\$ 544.00	
\$ 544.00	
\$ 544.00	
\$ 544.00	
\$ 831.00	\$ 200.00
\$ 831.00	
\$ 831.00	
\$64,313.00	\$8,000.00

Total Value Work
Done

Total Value
Work Applied

Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
	\$ 544.00
	\$ 544.00
	\$ 831.00
	\$ 831.00
	\$ 831.00
	\$ 831.00
	\$ 831.00
	\$ 544.00
	\$ 544.00
	\$ 544.00
	\$ 544.00
	\$ 544.00
	\$ 544.00
	\$ 544.00
	\$ 631.00
	\$ 831.00
	\$ 831.00
\$44,456.00	\$11,913.00

Total Assigned
From

Total Reserve

MINING LANDS DIVISION

MAR 28 1993

RECEIVED

44351

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units
	1179747	1
	1179750	1
	1179751	1
	1179752	1
	1179753	1
	1179754	1
	1179755	1
	1179756	1
	1179757	1
	1180578	1
	1180579	1
	1180580	1
	1180581	1
	1180582	1
	1180596	1
	1180638	1
	1180641	1
	102	

Total Number
of Claims

Value of Assessment Work Done on this Claim	Value Applied to this Claim
\$ 831.00	
\$ 831.00	
\$ 831.00	
\$ 831.00	
\$ 831.00	\$ 200.00
\$ 831.00	\$ 200.00
\$ 831.00	
\$ 831.00	
\$ 831.00	
\$ 544.00	
\$ 544.00	
\$ 544.00	
\$ 544.00	\$ 600.00
\$ 544.00	\$ 600.00
\$ 544.00	\$ 600.00
\$ 544.00	\$ 600.00
\$ 544.00	\$ 600.00
\$76,144.00	\$11,400.00

Total Value Work
Done

Total Value
Work Applied

Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
	\$ 831.00
	\$ 831.00
	\$ 831.00
	\$ 831.00
	\$ 631.00
	\$ 631.00
	\$ 831.00
	\$ 831.00
	\$ 831.00
	\$ 544.00
	\$ 544.00
\$ 836.00 280	\$ 208.00 264
736	344
\$44,792.00	\$20,288.00

Total Assigned
From

Total Reserve

MINING LANDS BRANCH

MAR 23 1993

RECEIVED

MAR 3 1993

REC-147

Total Value Work Done

**Total Value
Work Applied**

**Total Assigned
From**

Total Reserve

80
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Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units
	1180574	1
	1180575	1
	1180576	1
	1180577	1
	1180583	1
	1180584	1
	1180585	1
	1180586	1
	1180587	1
	1180588	1
	1180589	1
	1180590	1
	1180591	1
	1180592	1
	1180593	1
	1180594	1
	1180595	1
136		

**Total Number
of Claims**

Value of Assessment Work Done on this Claim	Value Applied to this Claim
	\$ 800.00
	\$ 800.00
	\$ 800.00
	\$ 800.00
	\$ 800.00
	\$ 800.00
	\$ 800.00
	\$ 800.00
	\$ 800.00
	\$ 800.00
	\$ 800.00
	\$ 800.00
	\$ 800.00
	\$ 800.00
	\$ 800.00
	\$ 800.00
	\$ 800.00
	\$ 800.00
	\$ 800.00
\$76,688.00	\$37,200.00

Total Value Work Done

**Total Value
Work Applied**

Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
736	344
\$44,792.00	\$20,288.00

**Total Assigned
From**

Total Reserve

2. 14951

RECEIVED
MAR 23 1993

Total Value Work Done

**Total Value
Work Applied**

**Total Assigned
From**

Total Reserve

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MAR 23 1892

1-1-1

**Total Value
Work Applied**

Total Reserve

Statement of Costs
for Assessment Credit
État des coûts aux fins
du crédit d'évaluation

Transaction No./N° de transaction
W/9330-00006

Mining Act/Loi sur les mines

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used to maintain a record and ongoing status of the mining claim(s). Questions about this collection should be directed to the Provincial Manager, Minings Lands, Ministry of Northern Development and Mines, 4th Floor, 159 Cedar Street, Sudbury, Ontario P3E 6A5, telephone (705) 670-7264.

Les renseignements personnels contenus dans la présente formule sont recueillis en vertu de la Loi sur les mines et serviront à tenir à jour un registre des concessions minières. Adresser toute question sur la collecte de ces renseignements au chef provincial des terrains miniers, ministère du Développement du Nord et des Mines, 159, rue Cedar, 4^e étage, Sudbury (Ontario) P3E 6A5, téléphone (705) 670-7264.

1. Direct Costs/Coûts directs

Type	Description	Amount Montant	Totals Total global
Wages Salaires	Labour Main-d'oeuvre	40,500	
	Field Supervision Supervision sur le terrain		40,500
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert- conseil	Type LINECUTTING	15,211	
	ANALYTICAL	8,196	
			23,407
Supplies Used Fournitures utilisées	Type		
Equipment Rental Location de matériel	Type		
Total Direct Costs Total des coûts directs			63,907

2. Indirect Costs/Coûts indirects

** Note: When claiming Rehabilitation work Indirect costs are not allowable as assessment work.
Pour le remboursement des travaux de réhabilitation, les coûts indirects ne sont pas admissibles en tant que travaux d'évaluation.

Type	Description	Amount Montant	Totals Total global
Transportation Transport	Type AIR SUPPORT	4,000	
			4,000
Food and Lodging Nourriture et hébergement		4,098	4,098
Mobilization and Demobilization Mobilisation et démobilisation		6,390	6,390
Sub Total of Indirect Costs Total partiel des coûts indirects			14,488
Amount Allowable (not greater than 20% of Direct Costs) Montant admissible (n'excédant pas 20 % des coûts directs)			12,781
Total Value of Assessment Credit (Total of Direct and Allowable Indirect costs)			76,688
Valeur totale du crédit d'évaluation (Total des coûts directs et indirects admissibles)			

Note: The recorded holder will be required to verify expenditures claimed in this statement of costs within 30 days of a request for verification. If verification is not made, the Minister may reject for assessment work all or part of the assessment work submitted.

Note : Le titulaire enregistré sera tenu de vérifier les dépenses demandées dans le présent état des coûts dans les 30 jours suivant une demande à cet effet. Si la vérification n'est pas effectuée, le ministre peut rejeter tout ou une partie des travaux d'évaluation présentés.

Filing Discounts

- Work filed within two years of completion is claimed at 100% of the above Total Value of Assessment Credit.
- Work filed three, four or five years after completion is claimed at 50% of the above Total Value of Assessment Credit. See calculations below:

Total Value of Assessment Credit	Total Assessment Claimed
NA	x 0.50 =

Remises pour dépôt

- Les travaux déposés dans les deux ans suivant leur achèvement sont remboursés à 100 % de la valeur totale susmentionnée du crédit d'évaluation.
- Les travaux déposés trois, quatre ou cinq ans après leur achèvement sont remboursés à 50 % de la valeur totale du crédit d'évaluation susmentionné. Voir les calculs ci-dessous.

Valeur totale du crédit d'évaluation	Évaluation totale demandée
	x 0,50 =

Certification Verifying Statement of Costs

I hereby certify:
that the amounts shown are as accurate as possible and these costs were incurred while conducting assessment work on the lands shown on the accompanying Report of Work form.

that as GEOLOGIST I am authorized
(Recorded Holder, Agent, Position in Company)

to make this certification

Attestation de l'état des coûts

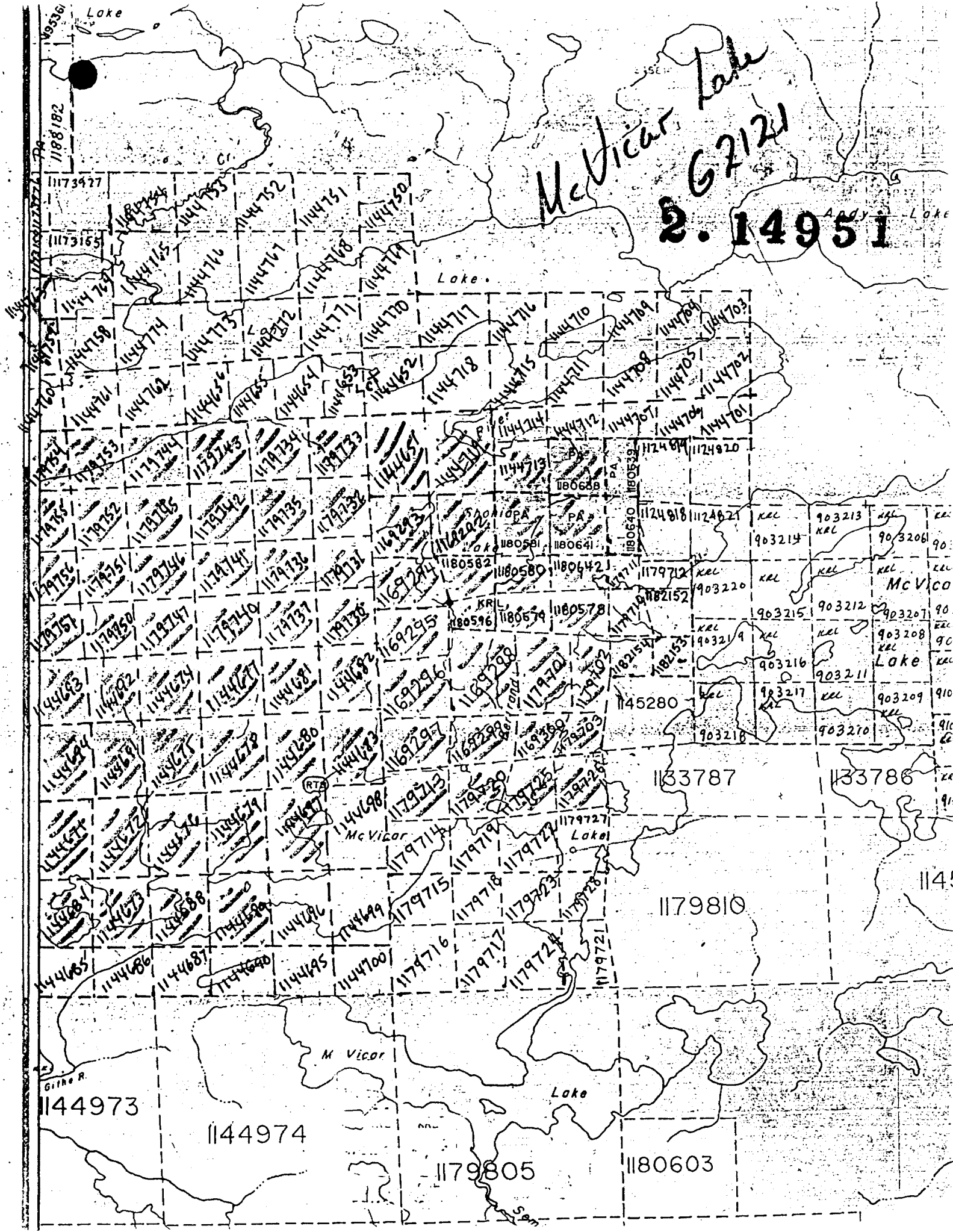
J'atteste par la présente :
que les montants indiqués sont le plus exact possible et que ces dépenses ont été engagées pour effectuer les travaux d'évaluation sur les terrains indiqués dans la formule de rapport de travail ci-joint.

Et qu'à titre de _____ je suis autorisé
(titulaire enregistré, représentant, poste occupé dans la compagnie)

à faire cette attestation.

Signature CRAIG WALDIE	Date MARCH 2/93
---------------------------	--------------------

McVicar Lake
67121
2.14951



1144973

1144974

1179805

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1179810

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1133786

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McVicar Lake

McVicar

903213

1124920

1144703

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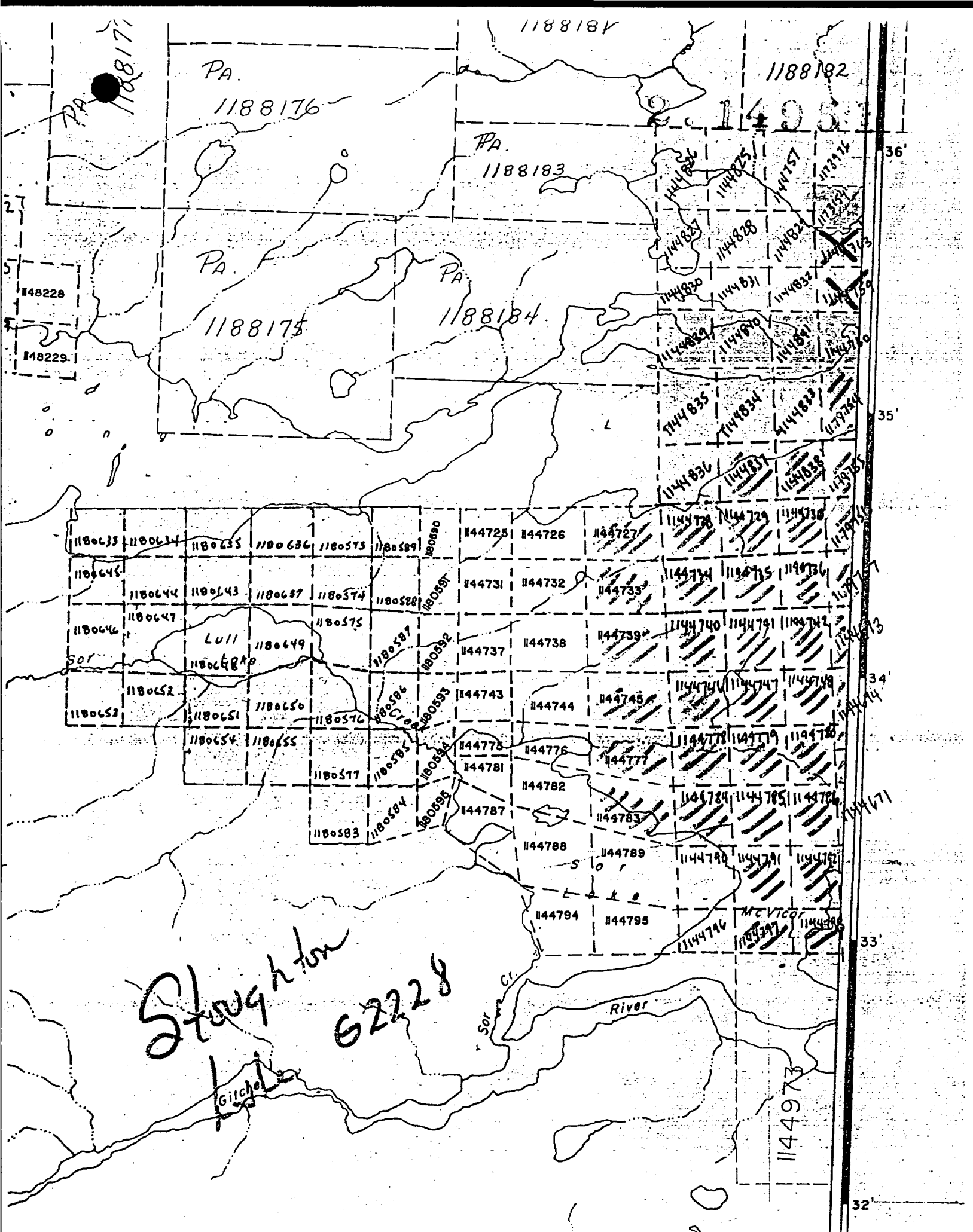
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Ministry of
Northern Development
and Mines

Ontario

Report of Work Conducted After Recording Claim

Mining Act

Transaction Number

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used for correspondence. Questions about this collection should be directed to the Provincial Manager, Mining Lands, Ministry of Northern Development and Mines, Fourth Floor, 180 Cedar Street, Sudbury, Ontario, P3E 6A5, telephone (705) 670-7284.

- Instructions:
- Please type or print and submit in duplicate.
 - Refer to the Mining Act and Regulations for requirements of filing assessment work or consult the Mining Recorder.
 - A separate copy of this form must be completed for each Work Group.
 - Technical reports and maps must accompany this form in duplicate.
 - A sketch, showing the claims the work is assigned to, must accompany this form.

2.14951

Recorded Holder(s) BHP MINERALS CANADA LIMITED		Client No. 108137
Address 900 - 25 ADELAIDE ST. EAST, TORONTO, ONTARIO M5C 1Y2		Telephone No. 416-368-3884
Mining Division PATRICIA	Township/Area MCVICAR LK. & STOUGHTON I.K.	M or S Plan No. G2121 & G2228
Date Work Performed	From: JUNE 1, 1992	To: SEPTEMBER 1, 1992

Work Performed (Check One Work Group Only)

Work Group	Type
☐ Geotechnical Survey	GEOLOGICAL MAPPING and HUMUS GEOCHEMICAL SURVEY
☐ Physical Work, Including Drilling	LINECUTTING
☐ Rehabilitation	
☐ Other Authorized Work	
☐ Assays	
☐ Assignment from Reserve	

Total Assessment Work Claimed on the Attached Statement of Costs \$ 76688.00

Note: The Minister may reject for assessment work credit all or part of the assessment work submitted if the recorded holder cannot verify expenditures claimed in the statement of costs within 30 days of a request for verification.

Persons and Survey Company Who Performed the Work (Give Name and Address of Author of Report)

Name	Address
R.G. BONNER (author)	569 MONETA AVE., TIMMINS, ONTARIO P4N 7X1
JACK HODGE (linecutting)	RR #1 DEVLIN, ONTARIO P0W 1C0

(attach a schedule if necessary)

Certification of Beneficial Interest * See Note No. 1 on reverse side

I certify that at the time the work was performed, the claims covered in this work report were recorded in the current holder's name or held under a beneficial interest by the current recorded holder.	Date MARCH 12, 1993	Recorded Holder or Agent (Signature) Craig Waldie
--	------------------------	--

Certification of Work Report

I certify that I have a personal knowledge of the facts set forth in this Work report, having performed the work or witnessed same during and/or after its completion and annexed report is true.		
Name and Address of Person Certifying CRAIG WALDIE #900 - 25 ADELAIDE ST. EAST, TORONTO, ONTARIO M5C 1Y2		
Telephone No. 416-368-3884	Date MARCH 12, 1993	Certified By (Signature) Craig Waldie

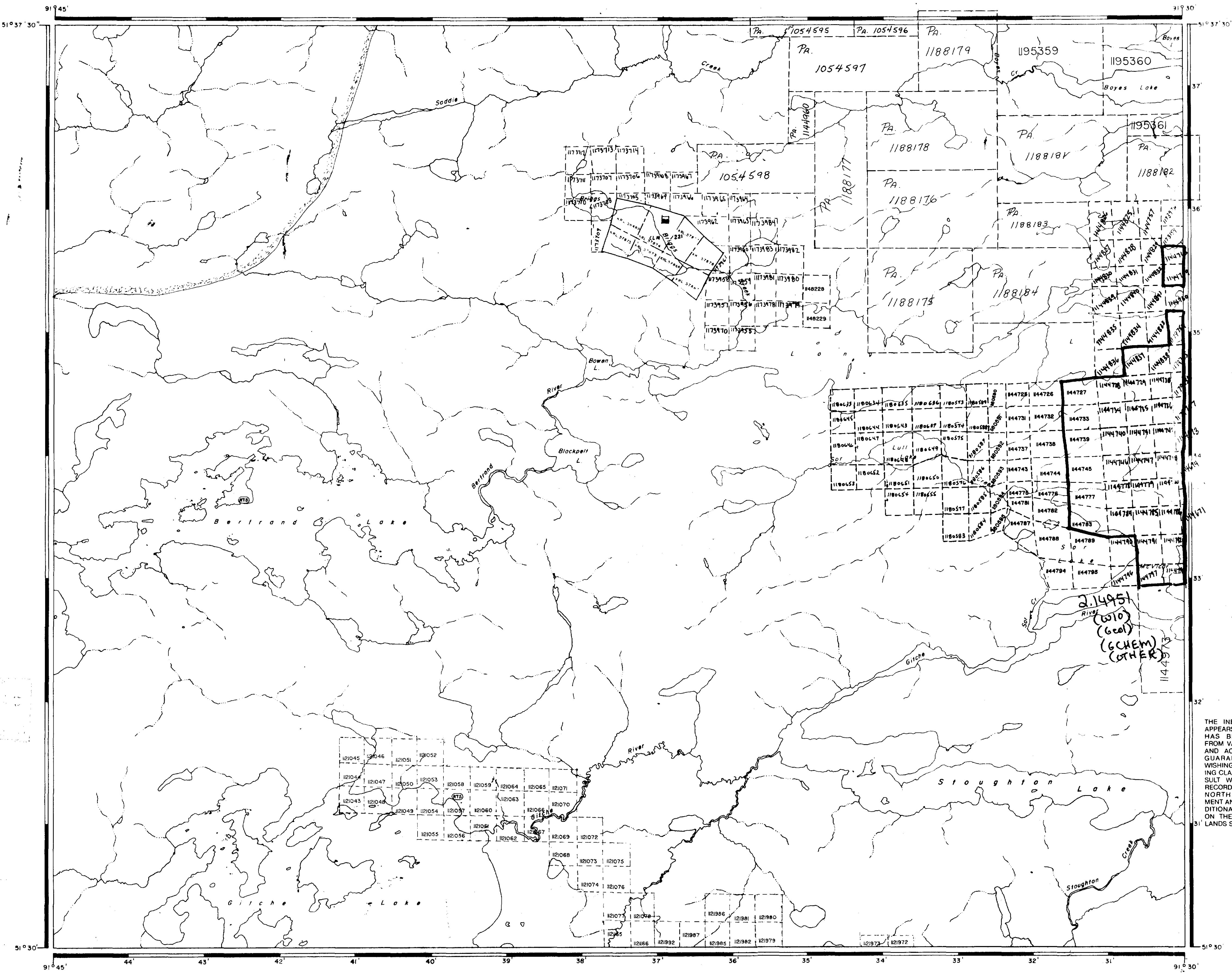
For Office Use Only

Total Value Cr. Recorded	Date Recorded	Mining Recorder	Received Stamp
	Deemed Approval Date	Date Approved	
	Date Notice for Amendments Sent		

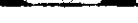
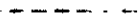
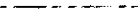
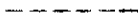
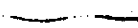
0341 (03/91)

520125E0410 2.14951 STOUGHTON LAKE

BAGGY LAKE G-1945



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 
 UTILITIES LINES 
 NON PERENNIAL STREAM 
 FLOODING OR FLOODING RIGHTS 
 SUBDIVISION OR COMPOSITE PLAN 
 RESERVATIONS 
 ORIGINAL SHORELINE 
 MARSH OR MUSKIE 
 MINES 
 TRAVESE MONUMENT 
 REMOTE TOURIST SET-UP 


DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	●
" " SURFACE RIGHTS ONLY	○
" " MINING RIGHTS ONLY	◐
LEASE, SURFACE & MINING RIGHTS	◑
" " SURFACE RIGHTS ONLY	◒
" " MINING RIGHTS ONLY	◓
LICENCE OF OCCUPATION	▼
ORDER-IN-COUNCIL	OC
RESERVATION	○
CANCELLED	⊖
SAND & GRAVEL	⊕

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6, 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, P.S.O. 1970, CHAP 380, SEC 63, SUBSEC 1.

REFERENCES

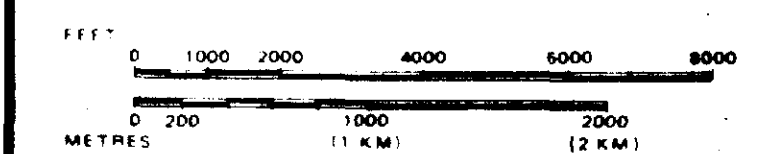
AREAS WITHDRAWN FROM DISPOSITION

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

93 MAR 15 P1:14

MINING RECORDER
PATRICIA
MINING DIVISION

SCALE: 1 INCH = 40 CHAINS



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.

AREA STOUGHTON LAKE

SIoux LOOKOUT
MINING DIVISION
PATRICIA
LAND TITLES / REGISTRY DIVISION
KENORA (PATRICIA PORTION)



Ministry of Land
Natural Management
Resources Branch

Date FEBRUARY, 1984

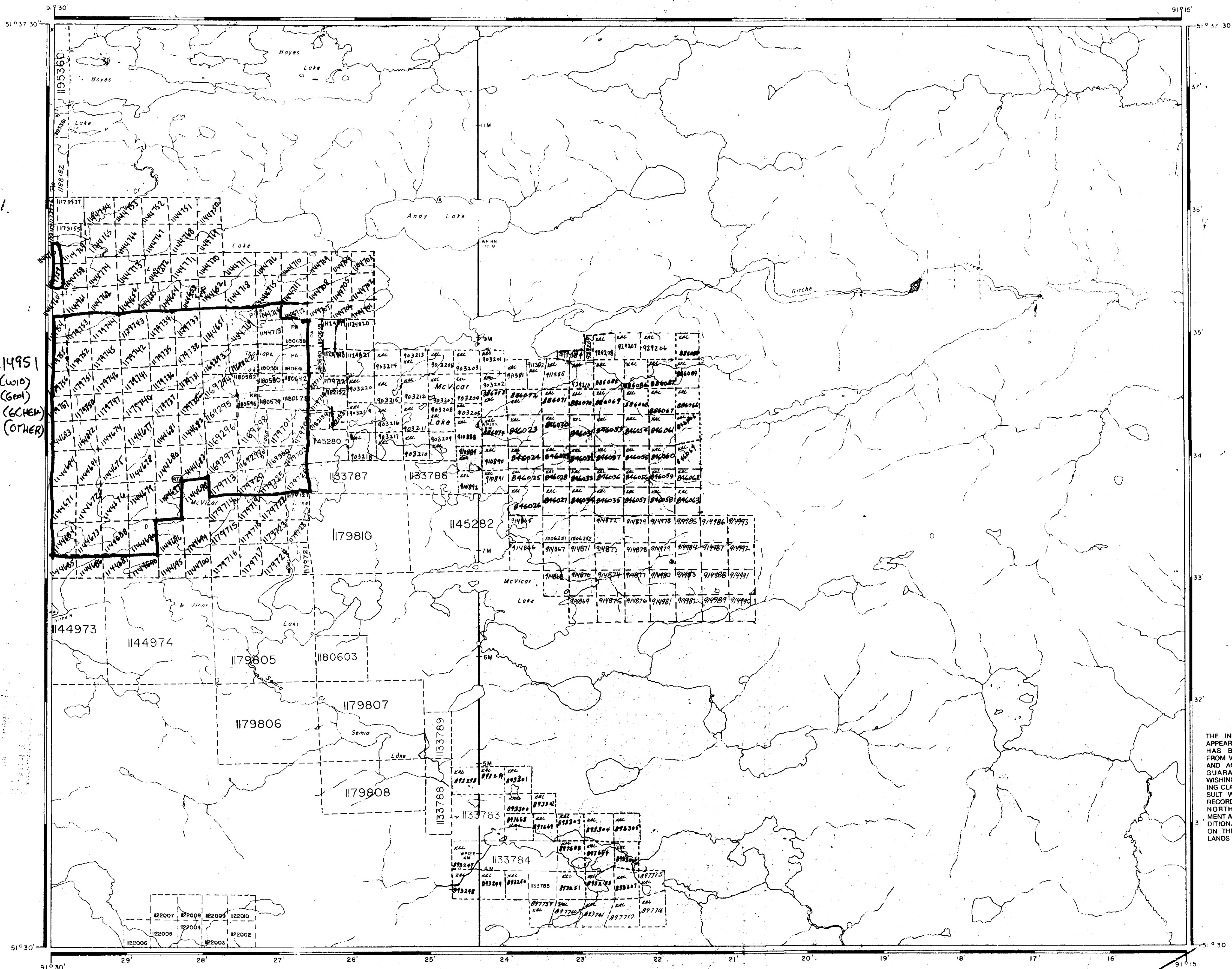
Number
G-2228

April 11/90 C
Feb 4/91

June 6/90 C
June 15/90 C
July 1/90 C
July 31/90 C
Aug 1/91 R
Aug 5/91 R
Aug 10/91 R
May 17/91 C.R.
June 10/91 C
Aug 7/91 R
Oct 23/91 R
March 16/92 R
MARCH 17/92 R
April 27/92 R
May 1/92 R
JUNE 1/92 R
June 8/92 C
OCT 5/92 R

Q.14951
(L1010)
(GCHW)
(OTHER)
STOUGHTON LAKE G-2228

SADDLE LAKE G-2197



LEGEND

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

DISPOSITION OF CROWN LANDS

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

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 8 1913 VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970 CHAP. 380 SEC. 63 SUBSECT. 1

REFERENCES

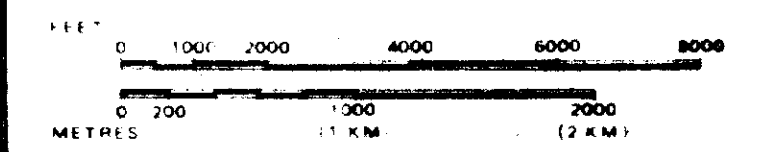
AREAS WITHDRAWN FROM DISPOSITION
M.R.O. - MINING RIGHTS ONLY
S.R.O. - SURFACE RIGHTS ONLY
M+S. MINING AND SURFACE RIGHTS

93 MAR 15 P1:14

MINING RECORDER
PATRICIA
MINING DIVISION

T.L.C. - TRAP LINE CABIN

SCALE: 1 INCH = 40 CHAINS



AREA

McVICAR LAKE

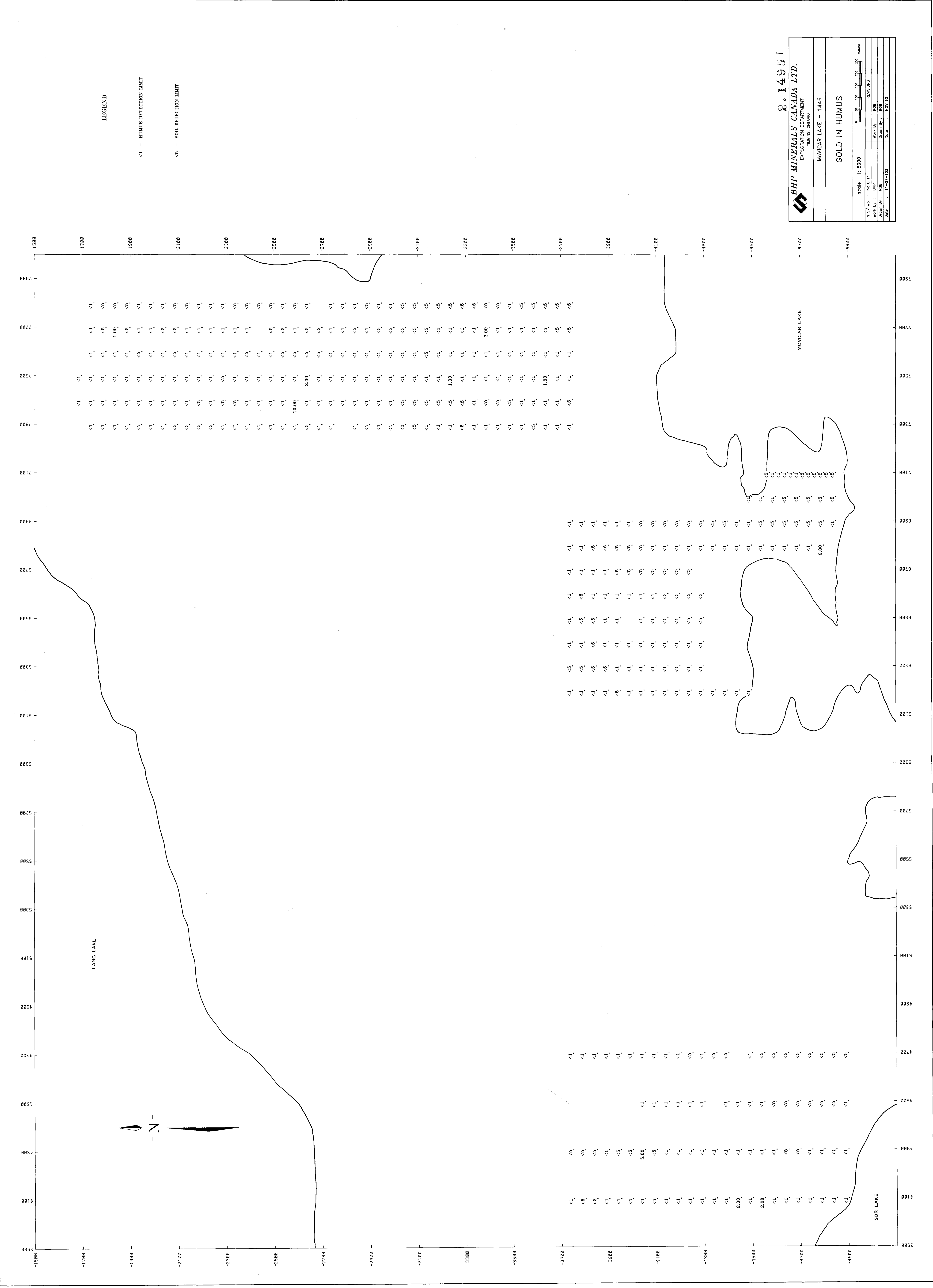
M.N.R. ADMINISTRATIVE DISTRICT
SIOUX LOOKOUT
MINING DIVISION
PATRICIA
LAND TITLES / REGISTRY DIVISION
KENORA (PATRICIA PORTION)

Ministry of Land Management
Natural Resources Branch
Ontario

Date JANUARY, 1984
Number: G-2121

515912



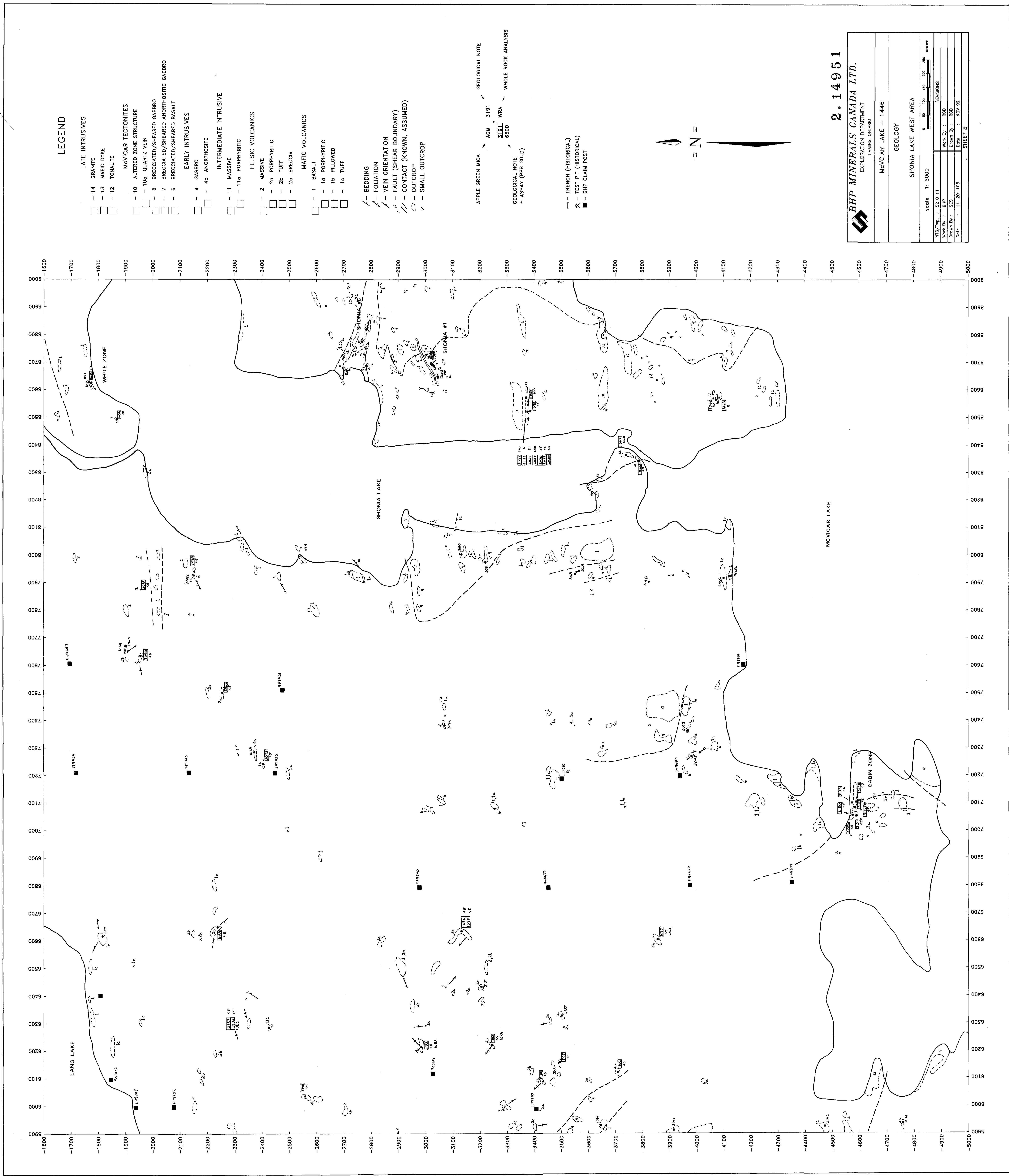


BHP MINERALS CANADA LTD.
EXPLORATION DEPARTMENT
TIMMINS, ONTARIO

MEVICAR LAKE - 1446

GOLD IN HUMUS

Scale	1: 5000
Map No.	2011
Map Title	REVISIONS
Drawn By	RBG
Date	11-07-03
Drawn By	RBG
Date	NOV 92



LEGEND

- LATE INTRUSIVES
 - 14 GRANITE
 - 13 MAFIC DYKE
 - 12 TONALITE
- MCVICAR TECTONICS
 - 10 ALTERED ZONE STRUCTURE
 - 10a QUARTZ VEIN
 - 8 BRECCIATED/SHEARED GABBRO
 - 7 BRECCIATED/SHEARED ANORTHOSTIC GABBRO
 - 6 BRECCIATED/SHEARED BASALT
- EARLY INTRUSIVES
 - 4 GABBRO
 - 4a ANORTHOSITE
- INTERMEDIATE INTRUSIVE
 - 11 MASSIVE
 - 11a PORPHYRIC
- FELSIC VOLCANICS
 - 2 MASSIVE
 - 2a PORPHYRIC
 - 2b TUFF
 - 2c BRECCIA
- MAFIC VOLCANICS
 - 1 BASALT
 - 1a PORPHYRIC
 - 1b PILLOWED
 - 1c TUFF
- GEOLOGICAL NOTE
 - BEDDING
 - FOLIATION
 - VEIN ORIENTATION
 - FAULT (SHEAR BOUNDARY)
 - CONTACT (KNOWN, ASSUMED)
 - OUTCROP
 - SMALL OUTCROP

APPLE GREEN MICA
AGM 3191
5151 WRA
6300
GEOLOGICAL NOTE
+ ASSAY (PPB GOLD)
WHOLE ROCK ANALYSIS

- TRENCH (HISTORICAL)
- TEST PIT (HISTORICAL)
- BHP CLAIM POST



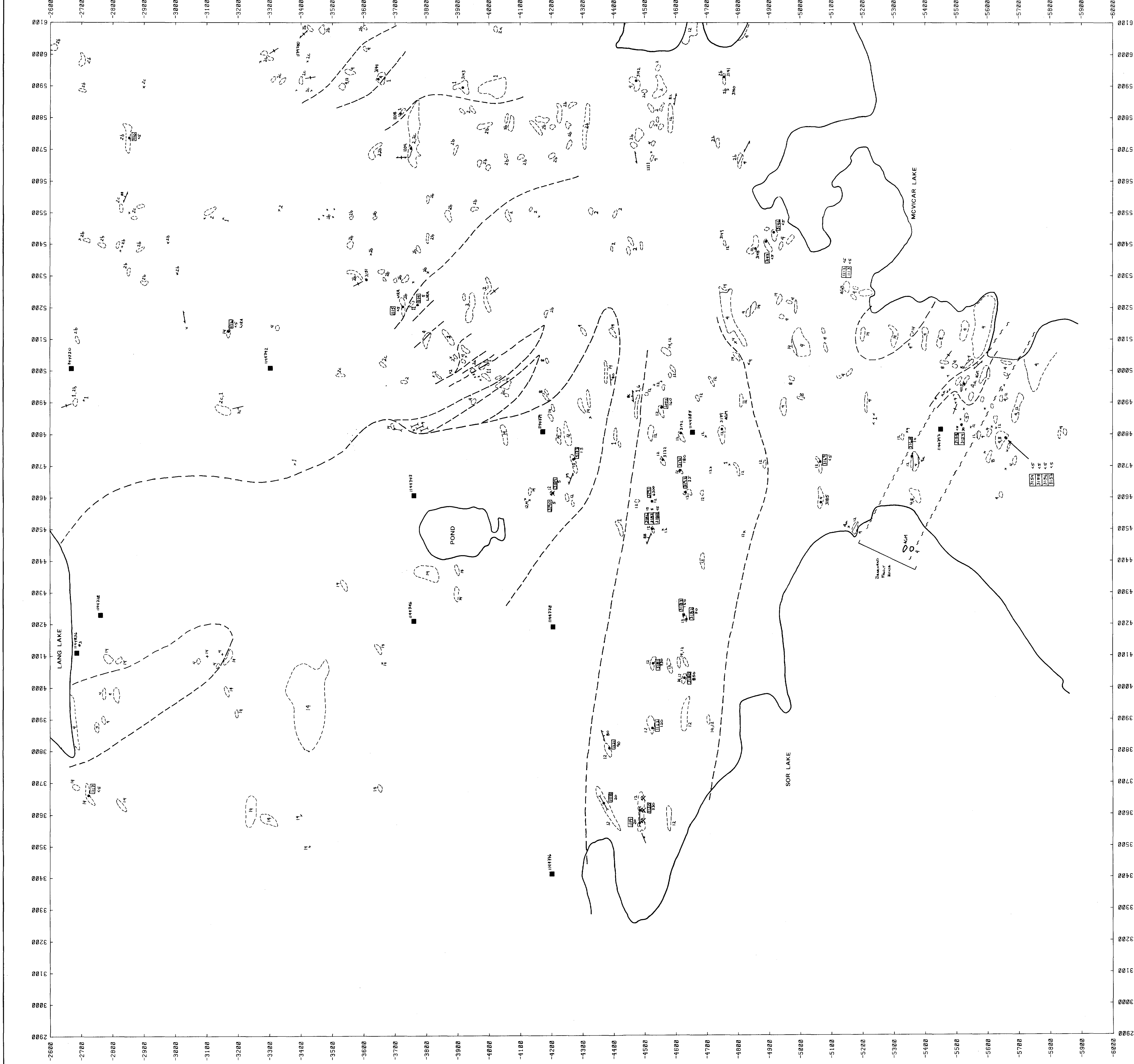
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BHP MINERALS CANADA LTD.
EXPLORATION DEPARTMENT
TIMMINS, ONTARIO

McVICAR LAKE - 1446

SHONIA LAKE WEST AREA

Scale	1: 5000
Work By	SES
Drawn By	RB
Date	NOV 92
SHEET	B



LEGEND

- LATE INTRUSIVES
 - - 14 GRANITE
 - - 13 MAFIC DYKE
 - - 12 TONALITE
- McVICAR TECTONITES
 - - 10 ALTERED ZONE STRUCTURE
 - - 10a QUARTZ VEIN
 - - 8 BRECCIATED/SHEARED GABBRO
 - - 7 BRECCIATED/SHEARED ANORTHOSITIC GABBRO
 - - 6 BRECCIATED/SHEARED BASALT
- EARLY INTRUSIVES
 - - 4 GABBRO
 - - 4a ANORTHOSITE
- INTERMEDIATE INTRUSIVE
 - - 11 MASSIVE
 - - 11a PORPHYRITIC
- FELSIC VOLCANICS
 - - 2 MASSIVE
 - - 2a PORPHYRITIC
 - - 2b TUFF
 - - 2c BRECCIA
- MAFIC VOLCANICS
 - - 1 BASALT
 - - 1a PORPHYRITIC
 - - 1b PILLOWED
 - - 1c TUFF
- STRUCTURAL FEATURES
 - ✓ - BEDDING
 - ✓ - FOLIATION
 - ✓ - VEIN ORIENTATION
 - ✓ - FAULT (SHEAR BOUNDARY)
 - ✓ - CONTACT (KNOWN, ASSUMED)
 - - OUTCROP
 - x - SMALL OUTCROP

APPLE GREEN MICA AGM 3191

GEOLOGICAL NOTE
+ ASSAY (PPB GOLD)

WRA 6300

WHOLE ROCK ANALYSIS

▲ - TRENCH (HISTORICAL)
● - TEST PIT (HISTORICAL)
■ - BHP CLAIM POST



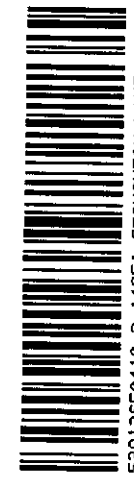
2.14951

BHP MINERALS CANADA LTD.
EXPLORATION DEPARTMENT
TIMMINS, ONTARIO

McVICAR LAKE - 1446
GEOLOGY

SOR LAKE AREA

Scale 1: 5000
N/S/Map: 52.0 11
Work By: BHP
Drawn By: SES
Date: 11-25-103
REVISED
Work By: RGB
Drawn By: RGB
Date: NOV 92
SHEET C



240