



42C03SW2008 2.19955 MISHIBISHU LAKE

010

**BATTLE MOUNTAIN CANADA LTD.**

**GEOLOGY, TRENCHING AND  
SOIL GEOCHEMISTRY REPORT**

**1999**

**MISHI CREEK - PROJECT 470060**

**MURGOR OPTION**

**2.19955**

**August, 1999.  
Timmins, Ontario**

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Senior Exploration Geologist**



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2.19955 3

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**Scale**

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## 1.0 SUMMARY

The 1999 field program was comprised of a soil geochemistry survey which covered the western portion of the property, followed by a mapping, sampling and trenching program. The eastern portion of the property was as well covered by the mapping and sampling programs.

A number of anomalous gold values were obtained from the soil sampling program with 30 samples having values in excess of 100 ppb Au. Anomalous samples tended to be clustered along known mineralized trends in the south, north and central portions of the surveyed areas. Elevated arsenic values generally coincide with the higher gold values, indicative of the strong association of gold with the presence of arsenopyrite mineralization.

Trenching, sampling and mapping of the soil anomalies confirmed the presence of ankerite altered siltstones along the southern and central anomalous trends. Values of up to 2.031 gpt Au (MLT-01) and 8.659 gpt Au (MCT-05) were respectively obtained from these trends. The northern trend, although not exposed in trenching, is possibly the strike extension of the KK showing hosted within calcite altered mafic volcanics.

Mapping and sampling in the eastern portion of the property outlined a number of calcite and ankerite horizons. Gold values obtained from these zones tended to be less than 100 ppb Au with the highest value of 2.18 gpt Au obtained from an altered siltstone at L6400E/11055N. Samples with values of up to 2.451 gpt Au were as well obtained from grab samples of the Marten Zone.

2.19055

## 2.0 PROPERTY, LOCATION AND ACCESS

The Mishi Creek Property is located 50 kilometres west of Wawa within NTS block 42C/03SW. The property is accessible via the Eagle River Mine road which passes through the western portion of the claim group some 60 kilometers south of Highway 17. An exploration camp was established on the south shore of Pillow Lake to serve as a base for drilling and exploration on the property. A secondary camp was established 2.5 km to the west on a small unnamed lake as a base for work on the western portion of the



property. Access to the camps is via a drill road 6 kilometers east of the Eagle River Mine road or by helicopter based out of Wawa.

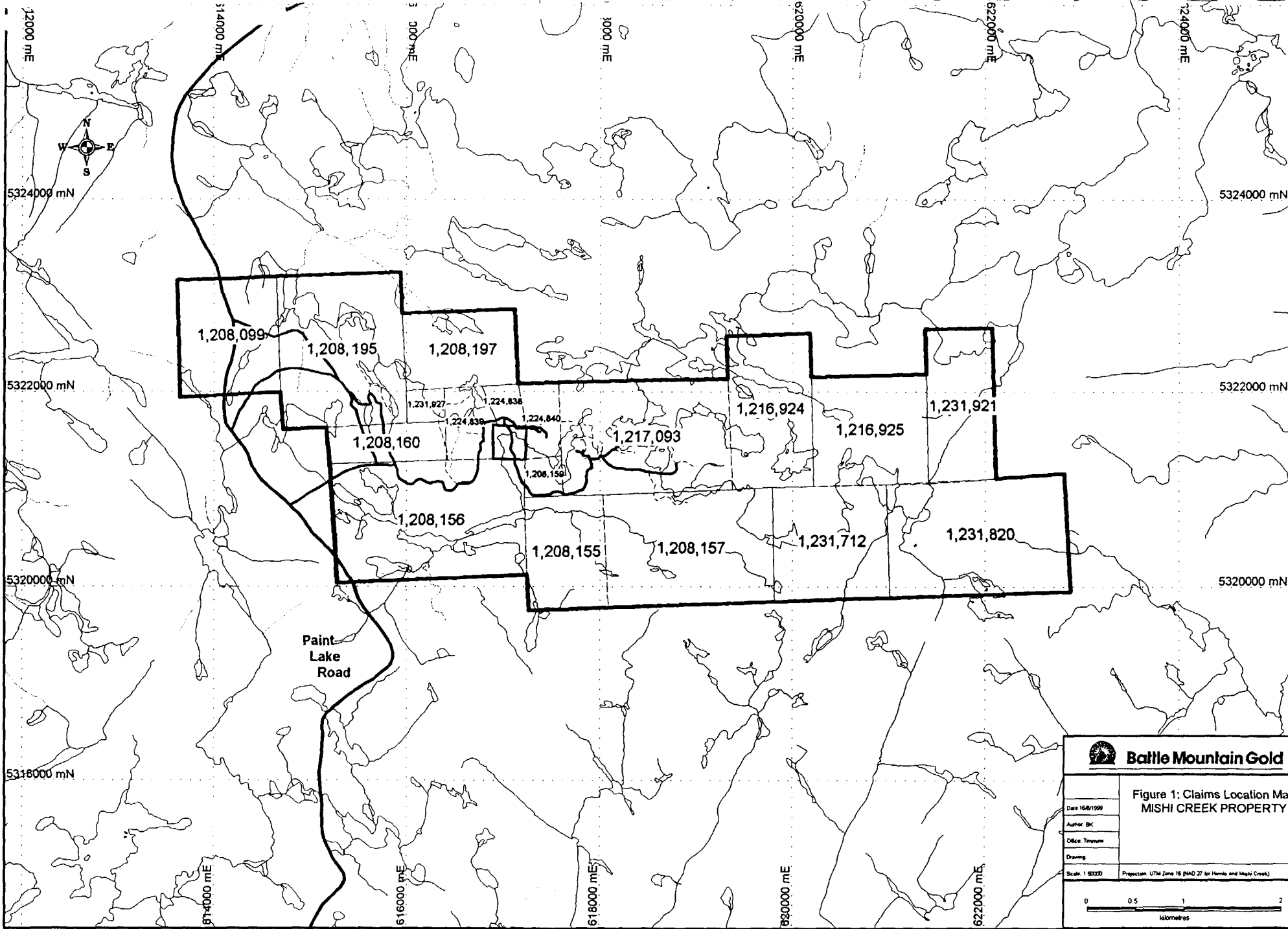
The property consists of eighteen (18) unpatented mining claims in the Sault Ste Marie Mining Division (Mishibishu Lake G-3772) as follows (Figure 1).

SS 1208099 (9 units)	SS 1224840 (2 units)
SS 1208195 (12 units)	SS 1217093 (12 units)
SS 1208197 (6 units)	SS 1208160 (3 units)
SS 1208156 (15 units)	SS 1208157 (12 units)
SS 1231927 (1 unit)	SS 1216924 (8 units)
SS 1224839 (2 units)	SS 1231712 (9 units)
SS 1224838 (1 unit)	SS 1216925 (9 units)
SS 1208155 (6 units)	SS 1231921 (8 units)
SS 1208159 (1 unit)	SS 1231820 (15 units)

The Mishi Creek Option was acquired under the terms of an agreement between Battle Mountain Canada Ltd. and Murgor Resources Inc. dated October 1<sup>st</sup>, 1998.

### **3.0 HISTORY**

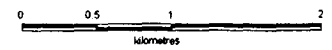
The first recorded discovery of gold in the Mishibishu Lake greenstone belt was by Hollinger Gold Mines Ltd. in the 1930's. Sporadic exploration of the belt continued until the discovery of the Hemlo gold deposit located 85 kilometres to the northwest in the early 1980's. The resulting increase in exploration in the surrounding prospective areas led to a more intensive evaluation of the belt. This exploration effort resulted in the discovery of the Magnacon (Muscocho Exploration Limited), Mishi (Granges Exploration and MacMillan Energy Corporation) and Eagle River Deposits (Noranda/Hemlo and Central Crude). The Eagle River and the recently acquired Mishi Deposit are currently owned by River Gold Mines. The Eagle River Deposit located 7 kilometres to the south is currently in production, with 1998 year end reserves totalling 1.3 million tonnes grading 10.38 grams gold per tonne (Northern Miner, March 8-14, 1999).



**Battle Mountain Gold**

**Figure 1: Claims Location Map  
MISHI CREEK PROPERTY**

Date: 16/01/99	Projection: UTM Zone 18 (NAD 27 for Hemis and Mishi Creek)
Author: BC	
Office: Toronto	
Drawing:	
Scale: 1:50,000	



Previous work on the Mishi property includes the following:

- 1954: Aylen Mines blasted a total of 28 pits and completed a 7 hole drill program totaling 110m adjacent the southwest portion of the current property boundary.
- 1972: Asarco Exploration Company of Canada completed an airborne magnetometer and electromagnetic survey over most of the Mishibishu Lake belt.
- 1983-1987 Dominion Explorer (formerly Harbinson Mining and Oil Group) completed an airborne VLF-EM and magnetic survey on their Missing Lake property encompassing a portion of the current property. This was followed by geological mapping, trenching, soil geochemistry and sampling. Seven holes totaling 453m were completed on their claim block. Hole 3-86 collared in the vicinity of the Dorset Main Zone appears to have been stopped short of the zone.
- 1987-89 Noranda Exploration Company Limited optioned both the San Paulo and Dominion Explorer, Missing Lake properties. These properties cover much of the eastern half of the current property. Geological mapping, prospecting, soil geochemistry, geophysical surveys were completed. An extensive trenching and drill program was completed on both properties to follow-up on a number of anomalous areas. Drilling on the Dominion Explorer property amounted to 22 holes totaling 2,250 metres, while on the San Paulo property, 11 holes totaling 1,154 metres were completed. The program led to the discovery of the Dorset, Martin and Alpine Zones.
- 1988-89 Flanagan McAdam and Company completed an airborne geophysical survey followed by a geology survey on their Mishibushu Lake Project which covers the western portion of the current Mishi property. Seven holes were drilled totaling 798.2 metres on surface showings and geophysical targets. Hole 88-14 testing the East Creek Showing (currently called the KK zone) failed to intersect the down dip projection of the zone due to a diabase dike. Anomalous gold values up to 1.34 gpt Au were intersected immediately prior to the dike.
- 1997-98 Murgor Resources Inc. following up on work completed by Noranda Exploration, completed a program of geophysics, prospecting, trenching and geological mapping and sampling which exposed mineralization in the Main Dorset, 3800 and East Dorset Trenches. Values obtained were in the

1-4 gpt Au with widths up to 12.5m. A 14 hole drill program totaling 1,496.5 metres confirmed the presence of significant gold mineralization over a 1 kilometer strike length. The best intersection from the program was from hole MC98-09 which assayed 3.74 gpt Au over a true width of 21.53 metres.

1998-99 Battle Mountain Gold optioned the property from Murgor Resources and completed two drill programs comprised of 20 holes totaling 4,817 metres. The most significant values obtained from the drill program were located in the area about 4300E with values obtained from MC98-22, MC98-27 and MC98-28. These holes returned 3.02 gpt Au over 5.92m tw, 5.23 gpt Au over 3.70m tw and 5.05 gpt Au over 7.45m tw respectively within broader mineralized zones. Linecutting and geophysical surveys were completed on the eastern portion of the property.

#### **4.0 REGIONAL GEOLOGY**

The Mishibishu Lake greenstone belt lies within the Wawa Subprovince of the Superior Structural Province. The volcanic rocks within the belt are dominated by a sequence of mafic (magnesium to iron tholeiite) massive to pillowed flows and associated pyroclastic units (Bowen 1986). Locally thin (1 to 5 metre wide) intermediate-felsic flows and pyroclastic rocks are intercalated with the mafic volcanic sequence. Sedimentary units within the belt include areas of wackes, siltstones and argillite with local sections of interflow chemical (magnetite-chert, magnetite iron stone) and clastic sedimentary rocks (conglomerates). These rocks have all been metamorphosed to mid to upper greenschist facies with amphibolite facies grade occurring at the contacts with the stocks and batholiths. A weak to moderate foliation has been produced during this metamorphism and regional deformation phase.

The sequence of mafic volcanics and sedimentary rocks are intruded by a number of felsic to mafic sills and dikes of varying age and composition, from quartz-feldspar porphyry to diorite to gabbroic intrusions. The smaller intrusions occur as sinuous dikes or

sill like bodies and are generally parallel to subparallel to the foliation of the enclosing rocks. Large felsic to intermediate granitoid batholiths, plutons and stocks intrude the supracrustal sequence and encompass 60% of the Mishibushi Lake greenstone belt.

Diabase dikes intrude all of the above rock types. Common trends within the belt include northwesterly, northerly and to a lesser degree northeasterly. An easterly trend which roughly parallels stratigraphy is as well present.

Tight to isoclinal regional folding of supracrustal stratigraphy are common throughout the belt. Four major deformation zones have been identified within the belt and are important sites for focussing gold mineralization.

## **5.0 PROPERTY GEOLOGY**

A mapping program covering the western and eastern portion of the property was undertaken during May and June 1999. The author was assisted by Mike Roberts in carrying out the mapping program. Mapping was completed on 100m spaced lines on a scale of 1:2500. The program was confined to lines 5000E to 7000E in the east (East Sheet) and lines 1500E and 2900E in the west (West sheet). A prospecting program covering these areas was completed by Bruce MacLachlan and Ralph MacNalley at the same time as the mapping program. Samples collected from both the mapping and prospecting programs are plotted on the accompanying maps. Work was completed on the following claims 1208157, 1217093, 1216924, 1216925, 1231712, 1208195, 1208197, 1231927, 1208160, 1224839 and 1208156.

The mapped areas are underlain by metavolcanic rocks to the north and metasedimentary rocks to the south. A second sequence of mafic volcanic rocks are exposed along the southern portion of the eastern map sheet. The mafic volcanic rocks are dominated by massive to pillowed flows which have been metamorphosed to upper greenschist facies. A weak to locally pronounced foliation is evident which commonly has a westerly trend with dips of about 60 degrees to the north. Foliations and stratigraphy wrap to the north with dips to the east in the western portion of the mapped area.

A weak calcite alteration event is evident in most volcanic rocks of the mapped areas with more intense calcite and ankerite alteration often associated with mineralized trends. One such trend occurs at L5800E/11125N with low gold values. Mineralization is most commonly pyrite with lesser arsenopyrite. Higher gold values tend to coincide with the presence of arsenopyrite and often quartz veining.

The sedimentary units located in the southern portion of the map area vary from greywacke to siltstone to locally argillite. The sediments are well laminated and display a well developed foliation. Locally the sediments have been highly deformed and show well developed kink banding. In proximity to the volcanic contact they are invariably altered, displaying silicification and sericitic alteration. A zone of moderate to strong ankerite altered siltstones of up to 100m in width have been exposed in a series of trenches on the western map sheet.

Highly altered outcrops of quartz-feldspar and feldspar porphyry were located within both the volcanic and sedimentary units. The porphyries display moderate to strong silicification and sericitic alteration. The feldspar phenocrysts have largely been destroyed by the alteration, while the quartz phenocrysts are still evident as quartz eyes within a sericite schist. A number of thin sills up to 10 metres in thickness occur at or proximal to the volcanic/sediment contact. These porphyries may be weakly mineralized with 1-2% fine grained pyrite and generally contain low gold values.

A larger oblate quartz-feldspar porphyry intrusion occurs in the eastern map sheet. The intrusion is silicified and weakly mineralized with trace to minor pyrite. Eight samples taken from the intrusion and assayed for gold averaged 42 ppb. A sample of quartz vein material intruding the porphyry returned a gold grade of 1.344 gpt at L6885E/10735N.

Two bands of intermediate volcanics occurs in the southern portion of the eastern map sheet. The unit is dacite in composition and locally displays weak sericitic alteration and minor pyrite mineralization. Samples taken of the unit returned negligible gold grades.

Quartz veining is common throughout the map area with the majority of veins less than 0.5m in width. The quartz veins vary in colour from white to dark grey and often are

weakly mineralized with pyrite and sometimes arsenopyrite. Wider sections of quartz veining have been exposed in the Marten Zone trenches (historical gold values up to 27.42 gpt Au from drilling). Other notable occurrences of quartz veining were located at L2850E/12220N and L2100E/11950N, although gold values were below detection.

A total of 345 samples were collected during the mapping and prospecting programs and assayed for gold. Seven samples returned gold grades of greater than 1 gpt Au. The highest values obtained were located in an area about MLT-01 with gold assays of 9.593 (quartz float at L2785E/10995N) and 8.821 (quartz vein at L2475E/11020N) gpt. Nineteen samples from the eastern map sheet were submitted for wholerock analysis. All assay certificates are attached in the appendix.

## **6.0 SOIL GEOCHEMISTRY**

A soil sampling program was completed on the western portion of property during May 1999. Sampling was done along 100m spaced lines at 25m intervals. The survey was carried out between L1300E and L2900E. A short intermediate line at 1660E was flagged and sampled to substantiate results from L1700E. Sampled material was typically B horizon soil and where unavailable an A Horizon sample was taken. Samples were collected in kraft bags and sent to Chemex Labs for analysis. All samples were assayed for gold, while selected lines were assayed for arsenic. Samples were plotted on a 1:2500 scale map and are accompanying this report.

A total of 591 samples were collected and submitted for assay. Thirty samples had gold values of 100 ppb or higher. The highest value obtained from the sampling program was 4817 ppb Au located at L2500E/11025N. Trenching over this high value failed to uncover the bedrock source for this sample.

A number of multi sample, multi line anomalies were located in the western portion of the sampled area. Two of the more pronounced anomalies are roughly centred on L1700E/11675N (615 ppb Au) and L2000E/11875N (615 ppb Au). Trenching over these anomalies uncovered moderate to intensely ankeritized siltstone which were locally

quartz veined. Channels of the altered siltstone returned gold grades roughly of the same magnitude as the overlying soil samples.

A total of 246 samples were analyzed for arsenic. The highest value obtained was 989 ppm As located at L2600E/11425N. The corresponding sample returned a gold value of 320 ppb. The bedrock source of this anomaly was not located, although it appears to be roughly on strike of a calcite and ankerite altered mafic volcanic which assayed up to 201 ppb Au situated 100m to the west.

Arsenic values tend to mimic gold grades with anomalous gold areas having anomalous arsenic values. The association of the gold mineralization with the presence of arsenopyrite is most likely the cause of this correlation.

## **7.0 TRENCHING**

A trenching program was carried out on the western portion of the property in an attempt to uncover bedrock sources for the gold anomalies located during the soil sampling program. A total of 12 trenches were completed by Belnor Contracting of Wawa, Ontario during June 1999. Trenches were washed, mapped on a scale of 1:250 and mineralized sections were channel sampled using a diamond rock saw. Mapping and sampling are plotted on the accompanying 1:250 scale trench maps.

Six trenches were completed on the southern alteration and geochemical trend, two on the northern trend, while the remaining four were completed in the central portion in an area with anomalous soils to 750 ppb Au and grab samples up to 33.1 gpt (Murgor sampling).

Trenching on the southern trend exposed an altered siltstone displaying weak to intense ankerite alteration in excess of 150m in width. The trenching covered a highly folded, fold nose area which has been intruded by feldspar porphyry and quartz veins. Sampling produced gold values in the 50 to 200 ppb Au range with the highest value of 2.031 gpt Au and 1.51 gpt Au respectively obtained from MLT-01 and MCT-01.

Trenching on the northern trend, west of the KK showing, failed to extend this mineralization in this direction. Mineralization may follow a small creek in this area,



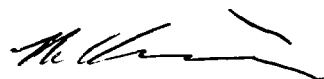
which could not be trenched. An altered mafic volcanic with up to 1% arsenopyrite was exposed in the southern portion of MCT-06b over a 5 metre width. The highest value from this interval was a single sample which assayed 355 ppb Au.

The central trenches exposed a number of thin quartz veins, less than a metre in width, which were hosted by weak to locally moderate ankeritized siltstone. Trench MCT-03 located at 19+75E/118+10N returned gold values of 1.72 gpt Au over 2.6m within a broader package of 0.86 gpt Au over 7.5m. The highest value obtained from the program was 8.66 gpt Au over a 1.0m sample from trench MCT-05 located roughly at 1770E/12180N. A sample of the same quartz vein and weakly ankeritized sediment two metres to the northwest returned a value of 0.80 gpt Au. Values from the adjacent weakly ankeritized siltstone were less than 0.1 gpt Au. This sampling encompasses a previously sampled outcrop which assayed 22.0 gpt Au.

## **8.0 CONCLUSION AND RECOMMENDATIONS**

The mapping, sampling, soil geochemistry and trenching programs have outlined a number of mineralized trends on the Mishi Creek Property. The southern trend on the western map sheet in particular represents a significant mineralized and altered zone with ankerite alteration and anomalous gold values occurring over widths in excess of 100m. The current work program failed to outline any areas within the zone which may have economic assays.

Higher assays on the property have historically been associated with either albitic zones or quartz veins. No new albitic zones were located during the current program. Notable occurrences of quartz veining were located at L2850E/12220N and L2100E/11950N and although the sampled sections returned negligible gold values, these areas have not been fully evaluated.



**Robert Kusins**  
**Senior Exploration Geologist**

**APPENDIX I**  
**ASSAY CERTIFICATES**

**APPENDIX I**

**ASSAY CERTIFICATES AND  
SAMPLE RECORD SHEETS**



# ACCURASSAY LABORATORIES

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May. 12, 1999

Job# 9940297

Pro: 470 060

SAMPLE #		Gold	Gold
Accurassay	Customer	ppb	Oz/t
1	2151 a	155	0.005
2	2151 b	<5	<0.001
3	2151 c	36	0.001
4	2151 d	9	<0.001
5	2151 e	46	0.001
6	2151 f	7	<0.001
7	2151 g	61	0.002
8	2151 h	6	<0.001
9	2151 i	5	<0.001
10	2151 j	57	0.002
11 Check	2151 j	70	0.002
12	2151 k	<5	<0.001
13	2151 l	<5	<0.001
14	2151 m	<5	<0.001
15	2151 n	91	0.003
16	2151 o	87	0.003
17	2151 p	<5	<0.001
18	2152 a	9	<0.001
19	2151 b	9	<0.001
20	2152 c	<5	<0.001
21 Check	2152 c	10	<0.001
22	2152 d	6	<0.001
23	2152 e	<5	<0.001
24	2152 f	<5	<0.001
25	2152 g	<5	<0.001
26	2152 h	<5	<0.001
27	2152 i	<5	<0.001
28	2152 j	<5	<0.001
29	2152 k	<5	<0.001

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May. 12, 1999

Job# 9940297  
Pro: 470 060

Accurassay	SAMPLE # Customer	Gold ppb	Gold Oz/t
	30 2152 l	10	<0.001
	31 Check 2152 l	9	<0.001
	32 2152 m	<5	<0.001
	33 2152 n	<5	<0.001
	34 2152 o	156	0.005
	35 2152 p	<5	<0.001
	36 2153 a	231	0.007
	37 2153 b	<5	<0.001
	38 2153 c	<5	<0.001
	39 2153 d	<5	<0.001
	40 2153 e	202	0.006
	41 Check 2153 e	199	0.006
	42 2153 g	<5	<0.001
	43 2153 h	12	<0.001
	44 2153 i	349	0.010
	45 2153 j	15	<0.001
	46 2201 a	6	<0.001
	47 2201 b	6	<0.001
	48 2201 c	28	<0.001
	49 2201 d	13	<0.001
	50 2201 e	9	<0.001
	51 Check 2201 e	6	<0.001
	52 2201 f	16	<0.001
	53 2201 g	<5	<0.001
	54 2201 h	<5	<0.001
	55 2201 i	<5	<0.001
	56 2201 j	5	<0.001
	57 2201 k	<5	<0.001
	58 2201 l	<5	<0.001
	59 2201 m	37	0.001

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May. 12, 1999

Job# 9940297  
Pro: 470 060

Accurassay	SAMPLE # Customer	Gold ppb	Gold Oz/t
60	2201 n	53	0.002
61 Check	2201 n	52	0.002
62	2201 o	64	0.002
63	2201 p	<5	<0.001
64	2202 a	<5	<0.001
65	2202 b	171	0.005
66	2202 c	7	<0.001
67	2202 d	7	<0.001
68	2202 e	23	<0.001
69	2202 f	20	<0.001
70	2202 g	<5	<0.001

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May 17, 1999

Job# 9940320  
Pro: 470/060

SAMPLE #		Gold	Gold
Accurassay	Customer	ppb	Oz/t
1	2251A	88	0.003
2	2251B	<5	<0.001
3	2251C	7	<0.001
4	2251D	<5	<0.001
5	2251F	17	<0.001
6	2251G	Sample Not Received	
7	2251H	<5	<0.001
8	2252B	<5	<0.001
9	2252D	<5	<0.001
10	2252E	65	0.002
11 Check	2252E	62	0.002
12	2252F	13	<0.001
13	2252G	5	<0.001
14	2252H	12	<0.001
15	2252K	392	0.011
16	2253A	23	<0.001
17	2253C	<5	<0.001
18	2253D	8	<0.001
19	2253E	<5	<0.001
20	2253H	83	0.002
21 Check	2253H	104	0.003
22	2253I	31	<0.001
23	2253J	84	0.002
24	2253K	88	0.003
25	2254A	10	<0.001
26	2254B	9	<0.001
27	2254C	6	<0.001
28	2254D	24	<0.001
29	2254E	78	0.002

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May 17, 1999

Job# 9940320  
Pro: 470/060

Accurassay	SAMPLE # Customer	Gold ppb	Gold Oz/t
	30 2254F	<5	<0.001
	31 Check 2254F	<5	<0.001
	32 2154A	116	0.003
	33 2154B	7	<0.001
	34 2154C	195	0.006
	35 2154D	8821	0.257
	36 2154E	<5	<0.001
	37 2154F	9	<0.001
	38 2154G	26	<0.001
	39 2154H	55	0.002
	40 2154I	74	0.002
	41 Check 2154I	71	0.002
	42 2154J	62	0.002
	43 2154K	99	0.003
	44 2154L	1066	0.031
	45 2202H	10	<0.001
	46 2202I	214	0.006
	47 2202J	9	<0.001
	48 2202K	<5	<0.001
	49 2202L	160	0.005
	50 2202M	78	0.002
	51 Check 2202M	74	0.002
	52 2202N	18	<0.001
	53 2202O	6	<0.001
	54 2261A	<5	<0.001
	55 2261B	17	<0.001
	56 2261C	493	0.014
	57 2261D	10	<0.001
	58 2261E	5	<0.001
	59 2261F	<5	<0.001

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# ACCURASSAY LABORATORIES

A DIVISION OF ASSAY LABORATORY SERVICES INC.

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THUNDER BAY, ONTARIO P7B 6G3  
PHONE (807) 623-6448  
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Battle Mountain Canada Ltd.  
Exploration Office  
40 Manitou Rd., P.O. Box 100, Suite 103  
Manitouwadge, Ontario  
P0T 2C0  
Fax (807) 826-4440

May 17, 1999

Job# 9940320  
Pro: 470/060

SAMPLE #		Gold	Gold
Accurassay	Customer	ppb	Oz/t
60	2261G	<5	<0.001
61 Check	2261G	12	<0.001
62	2261H	8	<0.001
63	2261I	6	<0.001
64	2261J	<5	<0.001
65	2261K	<5	<0.001
66	2261L	<5	<0.001
67	2261M	29	<0.001
68	2261N	15	<0.001
69	2261O	51	0.001
70	2261P	<5	<0.001
71 Check	2261P	<5	<0.001
72	2262A	<5	<0.001
73	2262B	9	<0.001
74	2262C	<5	<0.001
75	2262D	<5	<0.001
76	2262E	994	0.029
77	2262G	<5	<0.001
78	2262H	2180	0.064
79	2262I	47	0.001
80	2262J	<5	<0.001
81 Check	2262J	5	<0.001
82	2262K	172	0.005
83	2262L	7	<0.001
84	2262M	628	0.018
85	2252J	9	<0.001

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May 21, 1999

Job# 9940350  
Pro: 470/060

Accurassay	SAMPLE # Customer	Gold ppb	Gold Oz/t
	1 2155A	28	<0.001
	2 2155B	234	0.007
	3 2155C	116	0.003
	4 2155D	26	<0.001
	5 2155E	<5	<0.001
	6 2155F	22	<0.001
	7 2155G	<5	<0.001
	8 2155H	16	<0.001
	9 2155I	129	0.004
	10 2155J	15	<0.001
	11 Check 2155J	16	<0.001
	12 2155K	<5	<0.001
	13 2155L	561	0.016
	14 2155M	11	<0.001
	15 2155N	98	0.003
	16 2156A	50	0.001
	17 2156B	<5	<0.001
	18 2156C	55	0.002
	19 2156D	144	0.004
	20 2156E	2451	0.072
	21 Check 2156E	2446	0.071
	22 2156F	<5	<0.001
	23 2156G	<5	<0.001
	24 2156H	<5	<0.001
	25 2156I	<5	<0.001
	26 2156J	90	0.003
	27 2156K	64	0.002
	28 2156L	365	0.011
	29 2156M	17	<0.001

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May 21, 1999

Job# 9940350  
Pro: 470/060

Accurassay	SAMPLE # Customer	Gold ppb	Gold Oz/t
	30 2156N	5	<0.001
	31 Check 2156N	6	<0.001
	32 2156O	30	<0.001
	33 2156P	11	<0.001
	34 2157A	<5	<0.001
	35 2203A	14	<0.001
	36 2203B	6	<0.001
	37 2203C	28	<0.001
	38 2203D	18	<0.001
	39 2203E	13	<0.001
	40 2203F	<5	<0.001
	41 Check 2203F	<5	<0.001
	42 2203G	<5	<0.001
	43 2203H	<5	<0.001
	44 2203I	46	0.001
	45 2203J	13	<0.001
	46 2203K	<5	<0.001
	47 2203L	410	0.012
	48 2203M	25	<0.001
	49 2203N	3672	0.107
	50 2203O	30	<0.001
	51 Check 2203O	32	<0.001
	52 2203P	6	<0.001
	53 2204A	7	<0.001
	54 2204B	<5	<0.001
	55 2204C	<5	<0.001
	56 2204D	9	<0.001
	57 2204E	45	0.001
	58 2204F	15	<0.001
	59 2204G	7	<0.001

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May 21, 1999

Job# 9940350  
Pro: 470/060

Accurassay	SAMPLE # Customer	Gold ppb	Gold Oz/t
	60 2205A	<5	<0.001
	61 Check 2205A	11	<0.001
	62 2205B	80	0.002
	63 2205C	<5	<0.001
	64 2205D	<5	<0.001
	65 2255A	5	<0.001
	66 2255B	72	0.002
	67 2255D	10	<0.001
	68 2255E	<5	<0.001
	69 2255F	5	<0.001
	70 2255G	8	<0.001
	71 Check 2255G	<5	<0.001
	72 2255H	32	<0.001
	73 2255J	8	<0.001
	74 2255K	<5	<0.001
	75 2255L	19	<0.001
	76 2255M	<5	<0.001
	77 2255N	18	<0.001
	78 2255O	<5	<0.001
	79 2255P	43	0.001
	80 2256A	1432	0.042
	81 Check 2256A	1652	0.048
	82 2262N	7	<0.001
	83 2262O	177	0.005
	84 2262P	1344	0.039
	85 2263A	9	<0.001
	86 2263B	<5	<0.001
	87 2263C	219	0.006
	88 2263E	8	<0.001
	89 2263F	<5	<0.001

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May 21, 1999

Job# 9940350  
Pro: 470/060

Accurassay	SAMPLE # Customer	Gold ppb	Gold Oz/t
90	2263G	<5	<0.001
91 Check	2263G	<5	<0.001
92	2263H	10	<0.001
93	2263I	<5	<0.001
94	2263J	7	<0.001
95	2263K	63	0.002
96	2263N	15	<0.001
97	2263O	<5	<0.001
98	2206A	470	0.014
99	2206B	16	<0.001
100	2206C	371	0.011
101 Check	2206C	431	0.013
102	2206D	310	0.009
103	2206E	114	0.003
104	2206F	6	<0.001
105	2206G	12	<0.001

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June 8, 1999

Job# 9940476  
Pro: 470/060

Accurassay	SAMPLE # Customer	Gold ppb	Gold Oz/t
1	2257B	10	<0.001
2	2257C	24	<0.001
3	2257D	261	0.008
4	2257E	<5	<0.001
5	2257F	5	<0.001
6	2257G	<5	<0.001
7	2257H	15	<0.001
8	2257I	<5	<0.001
9	2257J	14	<0.001
10	2257K	162	0.005
11	Check 2257K	109	0.003
12	2257L	15	<0.001
13	2257M	340	0.010
14	2257N	<5	<0.001
15	2257O	<5	<0.001
16	2258A	9	<0.001
17	2258B	<5	<0.001
18	2258C	<5	<0.001
19	2258D	5	<0.001
20	2258E	<5	<0.001
21	Check 2258E	<5	<0.001
22	2258F	6	<0.001
23	2258G	<5	<0.001
24	2258H	32	<0.001
25	2258I	<5	<0.001
26	2259A	<5	<0.001
27	2259B	6	<0.001
28	2259C	<5	<0.001
29	2259D	<5	<0.001

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June 8, 1999

Job# 9940476  
Pro: 470/060

Accurassay	SAMPLE # Customer	Gold ppb	Gold Oz/t
	30 2259E	<5	<0.001
	31 Check 2259E	<5	<0.001
	32 2259F	<5	<0.001
	33 2259G	<5	<0.001
	34 2259H	<5	<0.001
	35 2259I	<5	<0.001
	36 2270A	<5	<0.001
	37 2270B	<5	<0.001
	38 2270C	<5	<0.001
	39 2270D	<5	<0.001
	40 2270E	<5	<0.001
	41 Check 2270E	<5	<0.001
	42 2158A	<5	<0.001
	43 2158B	19	<0.001
	44 2158C	6	<0.001
	45 2158D	8	<0.001
	46 2158E	<5	<0.001
	47 2158F	<5	<0.001
	48 2158G	5	<0.001
	49 2158H	65	0.002
	50 2158I	92	0.003
	51 Check 2158I	74	0.002
	52 2158J	12	<0.001
	53 2158K	17	<0.001
	54 2158L	<5	<0.001
	55 2158M	13	<0.001
	56 2158N	<5	<0.001
	57 2158O	<5	<0.001
	58 2158P	<5	<0.001
	59 2159A	91	0.003
	59 Check 2159A	76	0.002

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June 8, 1999

Job# 9940476  
Pro: 470/060

Accurassay	SAMPLE # Customer	Gold ppb	Gold Oz/ft
	60 2159B	8	<0.001
	61 Check 2159B	8	<0.001
	62 2159C	34	<0.001
	63 2159D	39	0.001
	64 2159E	15	<0.001
	65 2159F	<5	<0.001
	66 2159G	17	<0.001
	67 2159H	<5	<0.001
	68 2159I	<5	<0.001
	69 2159J	<5	<0.001
	70 2159K	7	<0.001
	71 Check 2159K	<5	<0.001
	72 2159L	15	<0.001
	73 2159M	13	<0.001
	74 2159N	10	<0.001
	75 2159O	6	<0.001
	76 2159P	<5	<0.001
	77 2160A	11	<0.001
	78 2160B	<5	<0.001
	79 2160C	85	0.002
	80 2160D	<5	<0.001
	81 Check 2160D	<5	<0.001
	82 2160E	<5	<0.001
	83 2207A	83	0.002
	84 2207B	7	<0.001
	85 2207C	5	<0.001
	86 2207D	<5	<0.001
	87 2207E	18	<0.001
	88 2207F	10	<0.001
	89 2207G	38	0.001

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June 8, 1999

Job# 9940476  
Pro: 470/060

SAMPLE #		Gold	Gold
Accurassay	Customer	ppb	Oz/t
90	2207H	65	0.002
91 Check	2207H	85	0.002
92	2207I	65	0.002
93	2207J	<5	<0.001
94	2264A	6	<0.001
95	2264B	49	0.001
96	2264C	12	<0.001
97	2264D	5	<0.001
98	2264E	<5	<0.001
99	2264F	15	<0.001
100	2264G	<5	<0.001
101 Check	2264G	<5	<0.001
102	2264H	<5	<0.001
103	2264I	<5	<0.001
104	2264J	107	0.003
105	2264K	<5	<0.001
106	2264L	<5	<0.001
107	2264M	<5	<0.001
108	2264N	28	<0.001
109	2264O	219	0.006
110	2264P	41	0.001
111 Check	2264P	38	0.001

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June 14, 1999

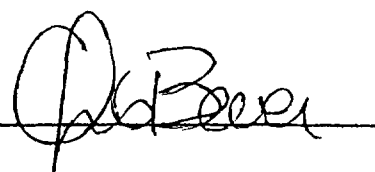
Job# 9940519  
Pro: 470/060

SAMPLE #		Gold	Gold
Accurassay	Customer	ppb	Oz/t
1	2162A	6	<0.001
2	2162B	6	<0.001
3	2162C	<5	<0.001
4	2162D	45	0.001
5	2162E	37	0.001
6	2208A	11	<0.001
7	2208B	106	0.003
8	2208C	30	<0.001
9	2208D	40	0.001
10	2208E	9	<0.001
11 Check	2208E	9	<0.001
12	2208F	9	<0.001
13	2265A	<5	<0.001
14	2265B	<5	<0.001
15	2265C	<5	<0.001
16	2265D	81	0.002
17	2265E	6	<0.001
18	2265F	<5	<0.001
19	2265G	5	<0.001
20	2265H	<5	<0.001
21 Check	2265H	<5	<0.001
22	2265I	<5	<0.001
23	2265J	<5	<0.001
24	2265K	11	<0.001
25	2265L	18	<0.001
26	2265M	22	<0.001
27	2265N	<5	<0.001
28	2265O	13	<0.001
29	2265P	28	<0.001

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June 14, 1999

Job# 9940519  
Pro: 470/060

Accurassay	SAMPLE # Customer	Gold ppb	Gold Oz/t
	30 2266A	6	<0.001
	31 Check 2266A	6	<0.001
	32 2266B	<5	<0.001
	33 2266C	11	<0.001
	34 2266D	<5	<0.001
	35 2266E	<5	<0.001
	36 2266F	21	<0.001
	37 2209A	18	<0.001
	38 2209B	105	0.003
	39 2209C	43	0.001
	40 2209D	72	0.002
	41 Check 2209D	34	<0.001
	42 2209E	130	0.004
	43 2209F	128	0.004
	44 2209G	495	0.014
	45 2209H	5	<0.001
	46 2209I	10	<0.001
	47 2209J	203	0.006
	48 2209K	492	0.014
	49 2209L	683	0.020
	50 2209M	48	0.001
	51 Check 2209M	32	<0.001
	52 2209N	19	<0.001
	53 2209O	63	0.002
	54 2209P	161	0.005
	55 2210A	8	<0.001
	56 2210B	82	0.002
	57 2210C	2031	0.059
	58 2210D	21	<0.001
	59 2210E	5	<0.001

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June 14, 1999

Job# 9940519  
Pro: 470/060

Accurassay	SAMPLE # Customer	Gold ppb	Gold Oz/t
60	2210F	31	<0.001
61 Check	2210F	45	0.001
62	2210G	109	0.003
63	2210H	81	0.002
64	2210I	57	0.002
65	2210J	51	0.001
66	2210K	6	<0.001
67	2210L	9	<0.001
68	2210M	<5	<0.001
69	2210N	<5	<0.001

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June 18, 1999

Job# 9940552  
Pro: 470/060

Accurassay	SAMPLE # Customer	Gold ppb	Gold Oz/t
1	2208G	<5	<0.001
2	2208H	<5	<0.001
3	2208I	<5	<0.001
4	2211A	8	<0.001
5	2211B	5	<0.001
6	2211C	8	<0.001
7	2211D	6	<0.001
8	2211E	207	0.006
9	2211F	1509	0.044
10	2211G	48	0.001
11 Check	2211G	15	<0.001
12	2211H	269	0.008
13	2211I	692	0.020
14	2211J	50	0.001
15	2211K	42	0.001
16	2211L	83	0.002
17	2211M	252	0.007
18	2211N	178	0.005
19	2211O	15	<0.001
20	2211P	<5	<0.001
21 Check	2211P	<5	<0.001
22	2266G	<5	<0.001
23	2266H	<5	<0.001
24	2266I	<5	<0.001
25	2266J	15	<0.001
26	2266K	<5	<0.001
27	2266L	<5	<0.001
28	2266M	<5	<0.001
29	2266N	<5	<0.001

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June 18, 1999

Job# 9940552  
Pro: 470/060

Accurassay	SAMPLE # Customer	Gold ppb	Gold Oz/t
	30 2212A	59	0.002
	31 Check 2212A	38	0.001
	32 2212B	65	0.002
	33 2212C	16	<0.001
	34 2212D	11	<0.001
	35 2212E	10	<0.001
	36 2212F	23	<0.001
	37 2212G	25	<0.001
	38 2212H	11	<0.001
	39 2212I	15	<0.001
	40 2212J	88	0.003
	41 Check 2212J	110	0.003
	42 2212K	64	0.002
	43 2212L	52	0.002
	44 2212M	31	<0.001
	45 2212N	272	0.008
	46 2212O	75	0.002
	47 2212P	23	<0.001
	48 2213A	26	<0.001
	49 2213B	117	0.003
	50 2213C	7	<0.001
	51 Check 2213C	7	<0.001
	52 2213D	10	<0.001
	53 2213E	76	0.002
	54 2213F	23	<0.001
	55 2214A	74	0.002
	56 2214B	2193	0.064
	57 2214C	1280	0.037
	58 2214D	1801	0.053
	59 2214E	18	<0.001

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Page 3 1070 LITHIUM DRIVE, UNIT 2  
THUNDER BAY, ONTARIO P7B 6G3  
PHONE (807) 623-6448  
FAX (807) 623-6820

June 18, 1999

Job# 9940552  
Pro: 470/060

SAMPLE #		Gold	Gold
Accurassay	Customer	ppb	Oz/t
60	2214F	13	<0.001
61 Check	2214F	11	<0.001
62	2214G	811	0.024
63	2214H	682	0.020
64	2214I	524	0.015
65	2214J	518	0.015
66	2214K	152	0.004

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Exploration Office  
40 Manitou Rd., P.O. Box 100, Suite 103  
Manitouwadge, Ontario  
P0T 2C0  
Fax (807) 826-4440

June 22, 1999

Job# 9940561  
Pro: 470/060

Accurassay	SAMPLE # Customer	Gold ppb	Gold Oz/t
	1 2217A	13	<0.001
	2 2217B	41	0.001
	3 2217C	11	<0.001
	4 2217D	6	<0.001
	5 2217E	7	<0.001
	6 2217F	<5	<0.001
	7 2217G	10	<0.001
	8 2217H	22	<0.001
	9 2217I	<5	<0.001
	10 2217J	<5	<0.001
	11 Check 2217J	<5	<0.001
	12 2217K	38	0.001
	13 2217L	41	0.001
	14 2217M	84	0.002
	15 2217N	46	0.001
	16 2217O	<5	<0.001
	17 2217P	<5	<0.001
	18 2208J	9593	0.280
	19 2208K	479	0.014
	20 2208L	36	0.001
	21 Check 2208L	106	0.003
	22 2215A	13	<0.001
	23 2215B	6	<0.001
	24 2215C	9	<0.001
	25 2215D	36	0.001
	26 2215E	29	<0.001
	27 2215F	<5	<0.001
	28 2215G	<5	<0.001
	29 2215H	<5	<0.001

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Fax (807) 826-4440

June 22, 1999

Job# 9940561  
Pro: 470/060

Accurassay	SAMPLE # Customer	Gold ppb	Gold Oz/t
	30 2215I	<5	<0.001
	31 Check 2215I	<5	<0.001
	32 2215J	<5	<0.001
	33 2215K	14	<0.001
	34 2215L	9	<0.001
	35 2215M	<5	<0.001
	36 2215N	<5	<0.001
	37 2215O	7	<0.001
	38 2215P	6	<0.001
	39 2216A	52	0.002
	40 2216B	<5	<0.001
	41 Check 2216B	<5	<0.001
	42 2216C	29	<0.001
	43 2216D	14	<0.001
	44 2216E	16	<0.001
	45 2216F	19	<0.001
	46 2216G	<5	<0.001
	47 2216H	<5	<0.001
	48 2216I	<5	<0.001
	49 2216J	<5	<0.001
	50 2213E	280	0.008
	51 Check 2213E	343	0.010
	52 2218A	10	<0.001
	53 2218B	5	<0.001
	54 2218C	5	<0.001
	55 2218D	11	<0.001
	56 2218E	<5	<0.001
	57 2218F	<5	<0.001
	58 2218G	5	<0.001
	59 2218H	<5	<0.001

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June 22, 1999

Job# 9940561  
Pro: 470/060

SAMPLE #		Gold	Gold
Accurassay	Customer	ppb	Oz/t
60	2218I	<5	<0.001
61 Check	2218I	7	<0.001
62	2218J	10	<0.001
63	2218K	33	<0.001
64	2218L	<5	<0.001

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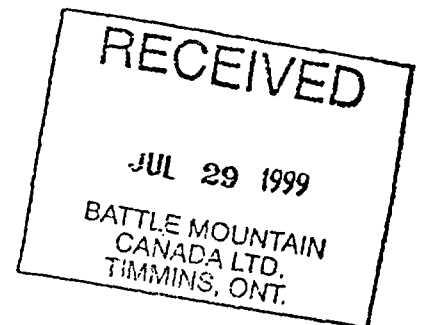
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June 23, 1999

Job# 9940581  
Pro: 470/060

Accurassay	SAMPLE # Customer	Gold ppb	Gold Oz/t
1	2223A	23	<0.001
2	2223B	14	<0.001
3	2223C	12	<0.001
4	2223D	<5	<0.001
5	2223E	<5	<0.001
6	2223F	47	0.001
7	2223G	26	<0.001
8	2223H	6	<0.001
9	2223I	<5	<0.001
10	2223J	<5	<0.001
11 Check	2223J	<5	<0.001
12	2223K	<5	<0.001
13	2223L	<5	<0.001
14	2223M	5	<0.001
15	2223N	30	<0.001
16	2223O	8	<0.001
17	2223P	27	<0.001
18	2224A	<5	<0.001
19	2224B	<5	<0.001
20	2224C	5	<0.001
21 Check	2224C	<5	<0.001
22	2224D	6	<0.001
23	2224E	<5	<0.001
24	2224F	13	<0.001
25	2224G	<5	<0.001
26	2224H	555	0.016
27	2224I	159	0.005
28	2224J	8	<0.001
29	2224K	16	<0.001



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June 23, 1999

Job# 9940581  
Pro: 470/060

Accurassay	SAMPLE # Customer	Gold ppb	Gold Oz/t
	30 2224L	12	<0.001
	31 Check 2224L	10	<0.001
	32 2224M	8	<0.001
	33 2224N	20	<0.001
	34 2224O	94	0.003
	35 2224P	19	<0.001
	36 2225A	17	<0.001
	37 2225B	127	0.004
	38 2225C	38	0.001
	39 2225D	8	<0.001
	40 2225E	24	<0.001
	41 Check 2225E	21	<0.001
	42 2225F	464	0.014
	43 2219N	9	<0.001
	44 2219O	<5	<0.001
	45 2219P	354	0.010
	46 2220A	11	<0.001
	47 2220B	<5	<0.001
	48 2221A	<5	<0.001
	49 2221B	5	<0.001
	50 2222A	303	0.009
	51 Check 2222A	268	0.008
	52 2222B	59	0.002
	53 2222C	35	<0.001
	54 2222D	8659	0.253
	55 2222E	785	0.023
	56 2222F	181	0.005
	57 2222G	8	<0.001
	58 2219A	<5	<0.001
	59 2219B	<5	<0.001

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June 23, 1999

Job# 9940581  
Pro: 470/060

Accurassay	SAMPLE # Customer	Gold ppb	Gold Oz/t
	60 2219C	<5	<0.001
	61 Check 2219C	<5	<0.001
	62 2219D	<5	<0.001
	63 2219E	<5	<0.001
	64 2219F	<5	<0.001
	65 2219G	<5	<0.001
	66 2219H	<5	<0.001
	67 2219I	11	<0.001
	68 2219J	5	<0.001
	69 2219K	<5	<0.001
	70 2219L	<5	<0.001
	71 Check 2219L	<5	<0.001
	72 2219M	70	0.002
	73 2222H	9	<0.001
	74 2222I	7	<0.001
	75 2222J	5	<0.001

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July 2, 1999

Job# 9940609  
Pro: 470/060

SAMPLE #		Gold	Gold
Accurassay	Customer	ppb	Oz/t
1	2226 A	161	0.005
2	2226 B	6	<0.001
3	2226 C	19	<0.001
4	2226 D	<5	<0.001
5	2226 E	<5	<0.001
6	2226 F	22	<0.001
7	2226 G	18	<0.001
8	2226 H	<5	<0.001
9	2226 I	307	0.009
10	2226 J	93	0.003
11 Check	2226 J	57	0.002
12	2226 K	201	0.006
13	2226 L	78	0.002
14	2226 M	20	<0.001
15	2226 N	28	<0.001
16	2226 O	59	0.002
17	2226 P	<5	<0.001
18	2227 A	<5	<0.001
19	2227 B	<5	<0.001
20	2227 C	<5	<0.001
21 Check	2227 C	<5	<0.001
22	2227 D	<5	<0.001
23	2227 E	<5	<0.001
24	2227 F	122	0.004
25	2227 G	320	0.009
26	2227 H	54	0.002
27	2227 I	<5	<0.001
28	2227 J	252	0.007
29	2227 K	383	0.011

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July 2, 1999

Job# 9940609  
Pro: 470/060

Accurassay	SAMPLE # Customer	Gold ppb	Gold Oz/t
	30 2227 L	261	0.008
	31 Check 2227 L	214	0.006
	32 2227 M	1195	0.035
	33 2227 N	144	0.004
	34 2227 O	51	0.001
	35 2227 P	31	<0.001
	36 2228 A	277	0.008
	37 2228 B	408	0.012
	38 2228 C	148	0.004
	39 2228 D	<5	<0.001
	40 2228 E	33	<0.001
	41 Check 2228 E	<5	<0.001
	42 2228 F	7	<0.001
	43 2228 G	<5	<0.001
	44 2228 H	70	0.002
	45 2228 I	10	<0.001
	46 2228 J	9	<0.001
	47 2228 K	<5	<0.001
	48 2228 L	14	<0.001
	49 2228 M	<5	<0.001
	50 2228 N	11	<0.001
	51 Check 2228 N	36	0.001
	52 2228 O	29	<0.001
	53 2228 P	28	<0.001
	54 2229 A	53	0.002
	55 2229 B	<5	<0.001
	56 2229 C	<5	<0.001
	57 2229 D	<5	<0.001
	58 2229 E	<5	<0.001
	59 2229 F	<5	<0.001

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July 2, 1999

Job# 9940609  
Pro: 470/060

SAMPLE #		Gold	Gold
Accurassay	Customer	ppb	Oz/t
60	2229 G		
61 Check	2229 G	7	<0.001
62	2229 H	11	<0.001
63	2229 I	<5	<0.001
64	2229 J	119	0.003
65	2229 K	24	<0.001
66	2229 L	53	0.002
67	2229 M	<5	<0.001
68	2229 N	<5	<0.001
69	2229 O	5	<0.001
70	2229 P	7	<0.001
71 Check	2229 P	<5	<0.001
72	2230 A	11	<0.001
73	2230 B	15	<0.001
74	2230 C	319	0.009
75	2230 D	419	0.012
76	2230 E	215	0.006
77	2230 F	282	0.008
78	2230 G	9	<0.001
79	2230 H	<5	<0.001
80	2230 I	<5	<0.001
81 Check	2230 I	<5	<0.001
82	2230 J	<5	<0.001
83	2230 K	<5	<0.001
84	2231 A	<5	<0.001
85	2231 B	49	0.001
86	2231 C	54	0.002
87	2231 D	115	0.003
88	2231 E	21	<0.001
89	2231 F	15	<0.001
		38	0.001

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FAX (807) 623-6820

July 2, 1999

Job# 9940609  
Pro: 470/060

Accurassay	SAMPLE # Customer	Gold ppb	Gold Oz/t
90	2231 G	25	<0.001
91 Check	2231 G	29	<0.001
92	2231 H	<5	<0.001
93	2231 I	7	<0.001
94	2231 J	867	0.025
95	2231 K	252	0.007
96	2231 L	182	0.005
97	2231 M	18	<0.001
98	2231 N	34	<0.001
99	2231 O	161	0.005
100	2231 P	83	0.002
101 Check	2231 P	63	0.002
102	2232 A	8	<0.001
103	2233 A	<5	<0.001
104	2233 B	22	<0.001
105	2233 C	<5	<0.001
106	2233 D	<5	<0.001
107	2233 E	8	<0.001
108	2233 F	<5	<0.001
109	2233 G	<5	<0.001
110	2233 H	<5	<0.001
111 Check	2233 H	<5	<0.001
112	2233 I	<5	<0.001
113	2233 J	20	<0.001
114	2233 K	69	0.002
115	2233 L	<5	<0.001
116	2233 M	<5	<0.001
117	2233 N	<5	<0.001
118	2233 O	<5	<0.001
119	2233 P	87	0.003

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FAX (807) 623-6820

July 2, 1999

Job# 9940609  
Pro: 470/060

Accurassay	SAMPLE # Customer	Gold ppb	Gold Oz/t
	120 2234 A	36	0.001
	121 Check 2234 A	42	0.001
	122 2234 B	84	0.002
	123 2234 C	17	<0.001
	124 2234 D	<5	<0.001
	125 2234 E	138	0.004
	126 2234 F	<5	<0.001
	127 2234 G	<5	<0.001
	128 2234 H	104	0.003
	129 2234 I	7	<0.001
	130 2234 J	16	<0.001
	131 Check 2234 J	13	<0.001
	132 2234 K	<5	<0.001
	133 2234 L	18	<0.001
	134 2234 M	450	0.013
	135 2234 N	50	0.001
	136 2234 O	132	0.004
	137 2234 P	93	0.003
	138 2235 A	10	<0.001
	139 2235 B	26	<0.001
	140 2235 C	31	<0.001
	141 Check 2235 C	25	<0.001
	142 2235 D	167	0.005
	143 2235 E	9	<0.001
	144 2235 F	<5	<0.001
	145 2235 G	201	0.006
	146 2235 H	123	0.004
	147 2235 I	<5	<0.001
	148 2235 J	18	<0.001
	149 2235 K	39	0.001

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July 2, 1999

Job# 9940609  
Pro: 470/060

SAMPLE #		Gold	Gold
Accurassay	Customer	ppb	Oz/t
150	2235 L	8	<0.001
151 Check	2235 L	6	<0.001
152	2235 M	58	0.002
153	2235 N	12	<0.001
154	2235 O	<5	<0.001
155	2235 P	<5	<0.001
156	2236 A	15	<0.001
157	2236 B	12	<0.001
158	2236 C	79	0.002
159	2236 D	40	0.001
160	2236 E	37	0.001
161 Check	2236 E	40	0.001
162	2236 F	11	<0.001
163	2236 G	27	<0.001
164	2236 H	6	<0.001
165	2236 I	8	<0.001
166	2236 J	151	0.004
167	2236 K	154	0.005
168	2236 L	24	<0.001
169	2236 M	66	0.002
170	2236 N	89	0.003
171 Check	2236 N	69	0.002
172	2236 O	489	0.014
173	2236 P	130	0.004
174	2237 A	78	0.002
175	2237 B	25	<0.001
176	2237 C	95	0.003
177	2237 D	5	<0.001
178	2237 E	28	<0.001
179	2237 F	31	<0.001

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FAX (807) 623-6820

July 2, 1999

Job# 9940609  
Pro: 470/060

Accurassay	SAMPLE # Customer	Gold ppb	Gold Oz/t
180	2237 G	32	<0.001
181 Check	2237 G	27	<0.001
182	2237 H	58	0.002
183	2237 I	165	0.005
184	2237 J	131	0.004
185	2237 K	43	0.001
186	2237 L	48	0.001
187	2237 M	96	0.003
188	2237 N	57	0.002
189	2237 O	730	0.021
190	2237 P	465	0.014
191 Check	2237 P	85	0.002
191 Check	2237 P	490	0.014
191 Check	2237 P	1061	0.031
192	2238 A	166	0.005
193	2238 B	78	0.002
194	2238 C	107	0.003
195	2238 D	69	0.002
196	2238 E	119	0.003
197	2238 F	228	0.007
198	2238 G	34	<0.001
199	2238 H	46	0.001
200	2238 I	101	0.003
201 Check	2238 I	138	0.004
202	2238 J	26	<0.001
203	2225 H	155	0.005
204	2239 A	6	<0.001
205	2239 B	6	<0.001
206	2239 C	<5	<0.001
207	2239 D	35	<0.001
208	2239 E	48	0.001
209	2239 F	129	0.004

Certified By



# ACCURASSAY LABORATORIES

A DIVISION OF ASSAY LABORATORY SERVICES INC.

Battle Mountain Canada Ltd.  
Exploration Office  
40 Manitou Rd., P.O. Box 100, Suite 103  
Manitouwadge, Ontario  
P0T 2C0  
Fax (807) 826-4440

Page 8 1070 LITHIUM DRIVE, UNIT 2  
THUNDER BAY, ONTARIO P7B 6G3  
PHONE (807) 623-6448  
FAX (807) 623-6820

July 2, 1999

Job# 9940609  
Pro: 470/060

SAMPLE #		Gold	Gold
Accurassay	Customer	ppb	Oz/t
210	2239 G	322	0.009
211 Check	2239 G	335	0.010
212	2239 H	1167	0.034
213	2239 I	22	<0.001
214	2239 J	89	0.003
215	2239 K	15	<0.001
216	2239 L	633	0.018
217	2239 M	<5	<0.001
218	2239 N	<5	<0.001
219	2239 O	105	0.003
220	2239 P	11	<0.001
221 Check	2239 P	8	<0.001
222	2240 A	29	<0.001
223	2240 B	<5	<0.001
224	2240 C	<5	<0.001

Certified By:



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 5175 Timberlea Blvd., Mississauga  
 Ontario, Canada L4W 2S3  
 PHONE: 905-624-2806 FAX: 905-624-6163

To: BATTLE MOUNTAIN CANADA LTD.

P.O. BOX 1205, 60 SHIRLEY ST. S.  
 TIMMINS, ON  
 P4N 7J5

Project : 470060  
 Comments: ATTN: BOB KUSINS

Page Number : 1  
 Total Pages : 3  
 Certificate Date: 18-JUN-1996  
 Invoice No. : 19919673  
 P.O. Number :  
 Account : DHG

## CERTIFICATE OF ANALYSIS

### A9919673

SAMPLE	PREP CODE	Au ppb FA+AA											
L13E - 11750N-B	201 --	< 5											
L13E - 11775N-B	201 --	< 5											
L13E - 11800N-B	201 --	< 5											
L13E - 11825N-B	201 --	30											
L13E - 11850N-B	201 --	< 5											
L13E - 11875N-B	201 --	< 5											
L13E - 11900N-B	201 --	< 5											
L13E - 11925N-B	201 --	30											
L13E - 11950N-B	201 --	40											
L13E - 11975N-B	201 --	< 5											
L13E - 12000N-B	201 --	< 5											
L13E - 12025N-B	201 --	< 5											
L13E - 12050N-B	201 --	< 5											
L13E - 12075N-B	201 --	< 5											
L13E - 12100N-B	201 --	< 5											
L13E - 12125N-B	201 --	< 5											
L13E - 12150N-B	201 --	< 5											
L13E - 12175N-B	201 --	< 5											
L13E - 12200N-B	201 --	< 5											
L13E - 12225N-B	201 --	< 5											
L13E - 12250N-A	217 --	< 5											
L13E - 12275N-B	205 201	< 5											
L13E - 12300N-B	201 --	< 5											
L13E - 12325N-B	201 --	< 5											
L13E - 12350N-B	201 --	< 5											
L13E - 12375N-B	203 --	< 5											
L13E - 12400N-B	201 --	< 5											
L14E - 11825N-A	217 --	< 5											
L14E - 11850N-B	201 --	< 5											
L14E - 11875N-A	217 --	< 5											
L14E - 11900N-A	217 --	< 5											
L14E - 11925N-B	201 --	< 5											
L14E - 11950N-B	201 --	< 5											
L14E - 11975N-B	201 --	< 5											
L14E - 12000N-B	205 203	50											
L14E - 12025N-B	201 --	< 5											
L14E - 12050N-B	201 --	< 5											
L14E - 12075N-B	201 --	< 5											
L14E - 12100N-B	201 --	< 5											
L14E - 12125N-B	201 --	< 5											

CERTIFICATION *Alexandra Alexander*



# Chemex Labs Ltd.

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 5175 Timberlea Blvd., Mississauga  
 Ontario, Canada L4W 2S3  
 PHONE: 905-624-2806 FAX: 905-624-6163

To: BATTLE MOUNTAIN CANADA LTD.

P.O. BOX 1205, 60 SHIRLEY ST. S.  
 TIMMINS, ON  
 P4N 7J5

Project : 470060  
 Comments: ATTN: BOB KUSINS

Page Number :2  
 Total Pages :3  
 Certificate Date: 18-JUN-199  
 Invoice No. :19919673  
 P.O. Number :  
 Account :DHG

## CERTIFICATE OF ANALYSIS

### A9919673

SAMPLE	PREP CODE	Au ppb FA+AA											
L14E - 12150N-B	201 --	< 5											
L14E - 12175N-B	201 --	< 5											
L14E - 12200N-B	205 203	< 5											
L14E - 12225N-B	201 --	< 5											
L14E - 12250N-B	201 --	< 5											
L14E - 12275N-B	201 --	< 5											
L14E - 12300N-B	201 --	< 5											
L14E - 12325N-B	201 --	< 5											
L14E - 12350N-B	201 --	< 5											
L14E - 12375N-B	205 203	< 5											
L14E - 12400N-B	201 --	< 5											
L15E - 11875N-B	201 --	< 5											
L15E - 11900N-B	201 --	NotRcd											
L15E - 11925N-B	205 203	< 5											
L15E - 11950N-B	205 203	< 5											
L15E - 11975N-B	201 --	40											
L15E - 12000N-B	201 --	< 5											
L15E - 12025N-B	201 --	< 5											
L15E - 12050N-B	201 --	< 5											
L15E - 12075N-A	217 --	< 5											
L15E - 12100N-B	201 --	< 5											
L15E - 12125N-B	201 --	< 5											
L15E - 12150N-A	217 --	< 5											
L15E - 12175N-B	205 203	< 5											
L15E - 12200N-B	201 --	10											
L15E - 12225N-B	201 --	< 5											
L15E - 12250N-B	201 --	< 5											
L15E - 12275N-B	205 203	< 5											
L15E - 12300N-B	201 --	< 5											
L15E - 12325N-B	201 --	< 5											
L15E - 12350N-B	201 --	< 5											
L15E - 12375N-B	201 --	< 5											
L15E - 12400N-B	205 203	20											
L15E - 12425N-B	201 --	< 5											
L15E - 12450N-A	217 --	< 5											
L16E - 11875N-B	205 203	30											
L16E - 11900N-B	205 203	NotRcd											
L16E - 11925N-B	201 --	80											
L16E - 11950N-B	205 203	< 5											
L16E - 11975N-B	205 203	< 5											

CERTIFICATION: *Alexandra Alexandra*



# Chemex Labs Ltd.

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5175 Timberlea Blvd., Mississauga  
Ontario, Canada L4W 2S3  
PHONE: 905-624-2806 FAX: 905-624-6163

To: BATTLE MOUNTAIN CANADA LTD.

P.O. BOX 1205, 60 SHIRLEY ST. S.  
TIMMINS, ON  
P4N 7J5

Project: 470060  
Comments: ATTN: BOB KUSINS

Page Number :3  
Total Pages :3  
Certificate Date: 18-JUN-199  
Invoice No. :19919673  
P.O. Number :  
Account :DHG

## CERTIFICATE OF ANALYSIS

### A9919673

SAMPLE	PREP CODE	Au ppb FA+AA											
L16E - 12000N-B	201 --	< 5											
L16E - 12025N-B	201 --	< 5											
L16E - 12050N-B	201 --	30											
L16E - 12075N-B	201 --	90											
L16E - 12100N-B	201 --	40											
L16E - 12125N-B	205 203	< 5											
L16E - 12150N-B	201 --	< 5											
L16E - 12175N-A	217 --	< 5											
L16E - 12200N-A	217 --	60											
L16E - 12225N-B	201 --	< 5											
L16E - 12250N-B	205 203	80											
L16E - 12275N-B	205 203	60											
L16E - 12300N-B	201 --	< 5											
L16E - 12325N-B	201 --	< 5											
L16E - 12350N-B	201 --	< 5											
L16E - 12375N-B	201 --	< 5											
L16E - 12400N-B	201 --	< 5											
L16+50E-11600N-B	201 --	< 5											
L16+50E-11625N-B	201 --	NotRcd											
L16+50E-11650N-B	205 203	40											
L16+50E-11675N-B	201 --	< 5											
L16+50E-11700N-B	217 --	< 5											
L16+50E-11725N-A	217 --	< 5											
L16+50E-11750N-B	205 203	220											
L16+50E-11775N-B	201 --	< 5											
L16+50E-11800N-B	205 203	< 5											
L16+50E-11825N-B	201 --	150											
L16+50E-11850N-B	205 203	100											
L16+50E-11875N-B	201 --	80											
L16+50E-11900N-B	205 203	20											
L16+50E-11925N-B	201 --	170											
L16+50E-11950N-B	201 --	50											
L16+50E-11975N-B	201 --	100											
L16+50E-12000N-B	205 203	< 5											
L17E - 12325N-B	201 --	70											
L17E - 12350N-B	205 203	NotRcd											
L17E - 12375N-B	205 203	< 5											
L17E - 12400N-B	201 --	30											

CERTIFICATION: *Adrianne Alexander*





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5175 Timberlea Blvd., Mississauga  
 Ontario, Canada L4W 2S3  
 PHONE: 905-624-2806 FAX: 905-624-6163

To: BATTLE MOUNTAIN CANADA LTD.

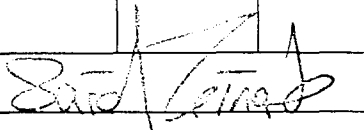
P.O. BOX 1205, 60 SHIRLEY ST. S.  
 TIMMINS, ON  
 P4N 7J5

Project: 470060  
 Comments: ATTN: BOB KUSINS FAX: STEVE CONQUER

Page Number : 1  
 Total Pages : 3  
 Certificate Date: 25-MAY-19  
 Invoice No. : I9917624  
 P.O. Number :  
 Account : DHG

## CERTIFICATE OF ANALYSIS A9917624

SAMPLE	PREP CODE	Au ppb FA+AA	As ppm										
L17E - 11500N-A	217 --	< 5	8										
L17E - 11525N-A	217 --	5	6										
L17E - 11550N-A	217 --	35	7										
L17E - 11575N-B	201 --	10	8										
L17E - 11600N-B	201 --	< 5	31										
L17E - 11625N-A	217 --	30	10										
L17E - 11650N-B	201 --	550	200										
L17E - 11675N-B	201 --	615	873										
L17E - 11700N-B	201 --	40	37										
L17E - 11725N-B	201 --	15	132										
L17E - 11750N-B	201 --	< 5	10										
L17E - 11775N-B	201 --	5	63										
L17E - 11800N-B	201 --	< 5	9										
L17E - 11825N-B	201 --	5	34										
L17E - 11850N-B	201 --	120	66										
L17E - 11875N-B	201 --	< 5	8										
L17E - 11900N-B	201 --	< 5	24										
L17E - 11925N-B	201 --	< 5	25										
L17E - 11950N-B	205 203	< 5	4										
L17E - 11975N-B	201 --	5	13										
L17E - 12000N-B	201 --	25	< 1										
L17E - 12025N-B	201 --	10	10										
L17E - 12075N-B	201 --	< 5	7										
L17E - 12100N-B	205 203	< 5	15										
L17E - 12125N-B	201 --	< 5	10										
L17E - 12150N-B	201 --	< 5	15										
L17E - 12175N-B	201 --	< 5	11										
L17E - 12200N-B	201 --	50	48										
L17E - 12225N-B	201 --	20	150										
L17E - 12250N-B	205 203	40	417										
L17E - 12275N-B	201 --	510	154										
L17E - 12300N-B	205 203	< 5	144										
L18E - 11835N-B	201 --	10	-----										
L18E - 11850N-B	201 --	25	-----										
L18E - 11875N-B	201 --	10	-----										
L18E - 11900N-A	217 --	< 5	-----										
L18E - 11925N-A	217 --	10	-----										
L18E - 11950N-B	201 --	20	-----										
L18E - 11975N-B	201 --	5	-----										
L18E - 12000N-A	217 --	< 5	-----										

CERTIFICATION: 



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5175 Timberlea Blvd., Mississauga  
Ontario, Canada L4W 2S3  
PHONE: 905-624-2806 FAX: 905-624-6163

To: BATTLE MOUNTAIN CANADA LTD.

P.O. BOX 1205, 60 SHIRLEY ST. S.  
TIMMINS, ON  
P4N 7J5

Project : 470060  
Comments: ATTN: BOB KUSINS FAX: STEVE CONQUER

Page Number :2  
Total Pages :3  
Certificate Date: 25-MAY-1  
Invoice No. : I9917624  
P.O. Number :  
Account : DHG

## CERTIFICATE OF ANALYSIS A9917624

SAMPLE	PREP CODE	Au ppb FA+AA	As ppm											
L18E - 12025N-B	205	203	295	-----										
L18E - 12050N-B	205	203	75	-----										
L18E - 12075N-B	201	--	270	-----										
L18E - 12100N-B	205	203	25	-----										
L18E - 12125N-B	201	--	45	-----										
L18E - 12150N-B	201	--	< 5	-----										
L18E - 12175N-B	201	--	750	-----										
L19E - 11850N-B	201	--	20	-----										
L19E - 11875N-A	217	--	< 5	-----										
L19E - 11900N-B	201	--	< 5	-----										
L19E - 11925N-B	201	--	< 5	-----										
L19E - 11950N-B	205	203	30	-----										
L19E - 11975N-B	201	--	15	-----										
L19E - 12000N-B	201	--	< 5	-----										
L19E - 12025N-B	201	--	< 5	-----										
L19E - 12040N-A	217	--	15	-----										
L19E - 12200N-A	217	--	15	-----										
L19E - 12225N-B	201	--	< 5	-----										
L19E - 12250N-B	201	--	< 5	-----										
L19E - 12275N-B	201	--	5	-----										
L19E - 12300N-B	201	--	< 5	-----										
L20E - 11200N-A	217	--	< 5	-----										
L20E - 11225N-B	201	--	< 5	-----										
L20E - 11250N-B	205	203	< 5	-----										
L20E - 11275N-A	217	--	< 5	-----										
L20E - 11300N-A	217	--	55	-----										
L20E - 11325N-A	217	--	< 5	-----										
L20E - 11350N-A	201	--	25	-----										
L20E - 11375N-B	217	--	< 5	-----										
L20E - 11400N-B	201	--	15	-----										
L20E - 11425N-B	201	--	< 5	-----										
L20E - 11450N-B	201	--	< 5	-----										
L20E - 11475N-B	201	--	< 5	-----										
L20E - 11500N-B	201	--	< 5	-----										
L20E - 11525N-A	217	--	< 5	-----										
L20E - 11550N-B	201	--	< 5	-----										
L20E - 11575N-B	201	--	< 5	-----										
L20E - 11600N-B	201	--	< 5	-----										
L20E - 11625N-B	201	--	< 5	-----										
L20E - 11650N-B	201	--	< 5	-----										

CERTIFICATION:

*Bob Kusins*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

5175 Timberlea Blvd., Mississauga  
Ontario, Canada L4W 2S3  
PHONE: 905-624-2806 FAX: 905-624-6163

To: BATTLE MOUNTAIN CANADA LTD.

P.O. BOX 1205, 60 SHIRLEY ST. S.  
TIMMINS, ON  
P4N 7J5

Project : 470060  
Comments: ATTN: BOB KUSINS FAX: STEVE CONQUER

Page Number :3  
Total Pages :3  
Certificate Date: 25-MAY-1  
Invoice No. : 19917624  
P.O. Number :  
Account : DHG

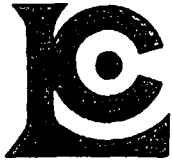
## CERTIFICATE OF ANALYSIS

A9917624

SAMPLE	PREP CODE	Au ppb FA+AA	As ppm									
L20E - 11675N-B	201 --	< 5	15									
L20E - 11700N-B	201 --	< 5	15									
L20E - 11725N-B	201 --	< 5	5									
L20E - 11750N-B	201 --	< 5	6									
L20E - 11775N-B	201 --	< 5	24									
L20E - 11800N-A	217 --	< 5	3									
L20E - 11825N-B	205 203	30	461									
L20E - 11850N-B	205 203	215	379									
L20E - 11875N-B	205 203	615	854									
L20E - 11900N-B	205 203	10	161									
L20E - 11925N-B	205 203	150	507									
L20E - 11950N-B	205 203	50	115									
L20E - 11975N-B	217 --	< 5	66									
L20E - 12050N-B	201 --	15	62									
L20E - 12075N-B	205 203	210	172									
L20E - 12100N-B	205 203	< 5	14									
L20E - 12125N-B	201 --	< 5	25									
L20E - 12150N-B	205 203	< 5	23									
L20E - 12175N-B	205 203	< 5	16									
L20E - 12200N-B	205 203	< 5	40									

CERTIFICATION:

*Said Leina*



# Chemex Labs Ltd.

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 5175 Timberlea Blvd., Mississauga  
 Ontario, Canada L4W 2S3  
 PHONE: 905-624-2806 FAX: 905-624-6163

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 TIMMINS, ON  
 P4N 7J5

Page Number :1  
 Total Pages :4  
 Certificate Date: 20-MAY-19  
 Invoice No. :I9917625  
 P.O. Number :  
 Account :DHG

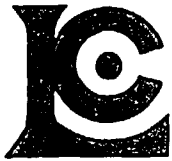
Project : 470060  
 Comments: ATTN: BOB KUSINS FAX: STEVE CONQUER

## CERTIFICATE OF ANALYSIS

### A9917625

SAMPLE	PREP CODE	Au ppb FA+AA	As ppm								
L21E - 11200N-B	217 --	< 5	-----								
L21E - 11225N-B	205 203	< 5	-----								
L21E - 11250N-B	201 --	< 5	-----								
L21E - 11275N-B	205 203	< 5	-----								
L21E - 11300N-B	217 --	< 5	-----								
L21E - 11325N-B	205 203	< 5	-----								
L21E - 11350N-B	201 --	< 5	-----								
L21E - 11375N-B	205 203	< 5	-----								
L21E - 11400N-B	205 203	< 5	-----								
L21E - 11425N-B	205 203	< 5	-----								
L21E - 11450N-B	205 203	< 5	-----								
L21E - 11475N-B	205 203	< 5	-----								
L21E - 11500N-A	217 --	< 5	-----								
L21E - 11525N-A	217 --	< 5	-----								
L21E - 11550N-B	205 203	< 5	-----								
L21E - 11575N-B	205 203	< 5	-----								
L21E - 11600N-B	205 203	< 5	-----								
L21E - 11625N-B	205 203	< 5	-----								
L21E - 11650N-B	205 203	< 5	-----								
L21E - 11675N-B	201 --	< 5	-----								
L21E - 11700N-B	201 --	< 5	-----								
L21E - 11725N-B	201 --	< 5	-----								
L21E - 11750N-B	201 --	< 5	-----								
L21E - 11775N-B	205 203	90	-----								
L21E - 11800N-B	201 --	150	-----								
L21E - 11825N-B	201 --	20	-----								
L21E - 11850N-B	201 --	< 5	-----								
L21E - 11875N-B	201 --	100	-----								
L21E - 11900N-A	217 --	< 5	-----								
L21E - 11925N-A	217 --	160	-----								
L21E - 11950N-B	201 --	210	-----								
L21E - 11975N-A	217 --	30	-----								
L21E - 12000N-A	217 --	5	-----								
L21E - 12025N-A	217 --	< 5	-----								
L21E - 12050N-B	201 --	< 5	-----								
L21E - 12075N-B	201 --	< 5	-----								
L21E - 12100N-B	201 --	< 5	-----								
L21E - 12125N-B	201 --	< 5	-----								
L21E - 12150N-B	201 --	15	-----								
L21E - 12175N-B	201 --	735	-----								

CERTIFICATION:



# Chemex Labs Ltd.

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TIMMINS, ON  
P4N 7J5

Project : 470060

Comments: ATTN: BOB KUSINS FAX: STEVE CONQUER

Page Number :2  
Total Pages :4  
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Invoice No. : I9917625  
P.O. Number :  
Account : DHG

## CERTIFICATE OF ANALYSIS

### A9917625

SAMPLE	PREP CODE	Au ppb FA+AA	As ppm										
L21E - 12200N-B	201 --	< 5	-----										
L22E - 11075N-B	201 --	10	19										
L22E - 11100N-B	201 --	210	23										
L22E - 11125N-B	201 --	< 5	19										
L22E - 11150N-B	201 --	< 5	17										
L22E - 11175N-B	201 --	< 5	13										
L22E - 11200N-B	201 --	15	26										
L22E - 11225N-B	201 --	20	4										
L22E - 11250N-B	205 203	25	14										
L22E - 11275N-B	205 203	< 5	15										
L22E - 11300N-A	217 --	< 5	7										
L22E - 11325N-A	217 --	< 5	4										
L22E - 11350N-A	217 --	< 5	9										
L22E - 11375N-A	217 --	< 5	7										
L22E - 11400N-A	217 --	10	8										
L22E - 11425N-A	217 --	< 5	6										
L22E - 11450N-A	217 --	10	10										
L22E - 11475N-B	217 --	15	21										
L22E - 11500N-B	217 --	15	31										
L22E - 11525N-B	217 --	30	4										
L22E - 11550N-B	217 --	< 5	7										
L22E - 11575N-B	201 --	< 5	19										
L22E - 11600N-B	201 --	10	1										
L22E - 11625N-B	201 --	< 5	8										
L22E - 11650N-A	217 --	< 5	3										
L22E - 11675N-A	217 --	< 5	< 1										
L22E - 11700N-A	217 --	< 5	5										
L22E - 11725N-A	217 --	< 5	11										
L22E - 11750N-A	217 --	< 5	10										
L22E - 11775N-A	217 --	< 5	7										
L22E - 11800N-B	201 --	< 5	< 1										
L22E - 11825N-B	201 --	< 5	2										
L22E - 11850N-A	217 --	< 5	3										
L22E - 11875N-A	217 --	25	18										
L22E - 11900N-B	201 --	15	18										
L22E - 11925N-B	205 203	< 5	4										
L22E - 11950N-B	201 --	< 5	23										
L22E - 11975N-B	201 --	< 5	77										
L22E - 12000N-B	201 --	< 5	44										
L22E - 12025N-B	201 --	< 5	< 1										

CERTIFICATION:



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5175 Timberlea Blvd., Mississauga  
Ontario, Canada L4W 2S3  
PHONE: 905-624-2806 FAX: 905-624-6163

To: BATTLE MOUNTAIN CANADA LTD.

P.O. BOX 1205, 60 SHIRLEY ST. S.  
TIMMINS, ON  
P4N 7J5

Project: 470060  
Comments: ATTN: BOB KUSINS FAX: STEVE CONQUER

Page Number :3  
Total Pages :4  
Certificate Date: 20-MAY-19  
Invoice No. :I9917625  
P.O. Number :  
Account :DHG

## CERTIFICATE OF ANALYSIS A9917625

SAMPLE	PREP CODE	Au ppb FA+AA	As ppm										
L22E - 12050N-B	201 --	< 5	328										
L22E - 12075N-B	201 --	150	751										
L22E - 12100N-B	201 --	< 5	12										
L22E - 12125N-A	217 --	< 5	1										
L22E - 12150N-A	217 --	< 5	6										
L23E - 11025N-B	201 --	< 5	-----										
L23E - 11050N-B	201 --	< 5	-----										
L23E - 11075N-B	201 --	< 5	-----										
L23E - 11100N-B	201 --	< 5	-----										
L23E - 11125N-B	201 --	< 5	-----										
L23E - 11150N-B	205 203	< 5	-----										
L23E - 11175N-A	217 --	< 5	-----										
L23E - 11200N-A	217 --	< 5	-----										
L23E - 11225N-A	217 --	< 5	-----										
L23E - 11250N-B	205 203	< 5	-----										
L23E - 11275N-B	201 --	75	-----										
L23E - 11300N-B	201 --	< 5	-----										
L23E - 11325N-B	201 --	< 5	-----										
L23E - 11350N-B	201 --	< 5	-----										
L23E - 11375N-A	217 --	< 5	-----										
L23E - 11400N-A	217 --	< 5	-----										
L23E - 11425N-B	201 --	< 5	-----										
L23E - 11450N-A	217 --	< 5	-----										
L23E - 11475N-B	201 --	150	-----										
L23E - 11500N-B	201 --	< 5	-----										
L23E - 11525N-B	201 --	< 5	-----										
L23E - 11550N-B	201 --	30	-----										
L23E - 11575N-B	201 --	< 5	-----										
L23E - 11600N-B	201 --	155	-----										
L23E - 11625N-B	201 --	< 5	-----										
L23E - 11650N-B	201 --	< 5	-----										
L23E - 11675N-A	217 --	< 5	-----										
L23E - 11700N-B	201 --	< 5	-----										
L23E - 11725N-B	201 --	< 5	-----										
L23E - 11750N-B	201 --	< 5	-----										
L23E - 11775N-B	201 --	< 5	-----										
L23E - 11800N-B	201 --	< 5	-----										
L23E - 11825N-B	201 --	< 5	-----										
L23E - 11850N-A	217 --	< 5	-----										
L23E - 11875N-B	201 --	< 5	-----										

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Project : 470060

Comments: ATTN: BOB KUSINS FAX: STEVE CONQUER

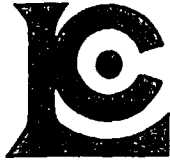
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 Account : DHG

## CERTIFICATE OF ANALYSIS

### A9917625

SAMPLE	PREP CODE	Au ppb FA+AA	As ppm									
L23E - 11900N-A	217 --	< 5	-----									
L23E - 11925N-A	217 --	< 5	-----									
L23E - 11950N-B	201 --	< 5	-----									
L23E - 11975N-B	201 --	< 5	-----									
L23E - 12000N-B	201 --	< 5	-----									
L23E - 12025N-B	201 --	< 5	-----									
L23E - 12050N-A	217 --	< 5	-----									

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 Total Pages : 4  
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 P.O. Number :  
 Account : DHG

Project : 470060  
 Comments: ATTN: BOB KUSINS FAX: STEVE CONQUER

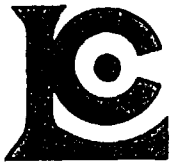
## CERTIFICATE OF ANALYSIS

### A9917634

SAMPLE	PREP CODE	Au ppb FA+AA	As ppm										
L24E - 11075N-B	201 --	< 5	11										
L24E - 11100N-B	205 203	< 5	11										
L24E - 11125N-B	205 203	< 5	8										
L24E - 11150N-B	205 203	< 5	7										
L24E - 11175N-B	201 --	< 5	8										
L24E - 11200N-B	201 --	< 5	28										
L24E - 11225N-A	217 --	< 5	7										
L24E - 11250N-A	217 --	< 5	4										
L24E - 11275N-A	217 --	< 5	1										
L24E - 11300N-A	217 --	< 5	9										
L24E - 11325N-A	217 --	< 5	6										
L24E - 11350N-A	217 --	< 5	6										
L24E - 11375N-A	217 --	< 5	4										
L24E - 11400N-A	217 --	< 5	9										
L24E - 11425N-B	205 203	60	234										
L24E - 11450N-B	201 --	< 5	11										
L24E - 11475N-B	201 --	< 5	9										
L24E - 11500N-B	201 --	< 5	13										
L24E - 11525N-B	205 203	< 5	29										
L24E - 11550N-B	201 --	< 5	9										
L24E - 11575N-B	201 --	< 5	10										
L24E - 11600N-B	201 --	< 5	13										
L24E - 11625N-B	201 --	< 5	77										
L24E - 11650N-B	201 --	< 5	8										
L24E - 11675N-A	217 --	< 5	13										
L24E - 11700N-B	201 --	< 5	< 1										
L24E - 11725N-A	217 --	< 5	34										
L24E - 11750N-B	201 --	< 5	55										
L24E - 11775N-B	201 --	< 5	14										
L24E - 11800N-B	201 --	< 5	8										
L24E - 11825N-B	201 --	80	59										
L24E - 11850N-B	201 --	190	691										
L24E - 11875N-B	201 --	< 5	32										
L24E - 11900N-B	201 --	< 5	4										
L24E - 11925N-B	205 203	< 5	12										
L24E - 11950N-B	205 203	< 5	7										
L24E - 11975N-B	201 --	< 5	1										
L24E - 12000N-B	201 --	< 5	47										
L24E - 12025N-A	217 --	55	7										
L24E - 12050N-B	201 --	< 5	11										

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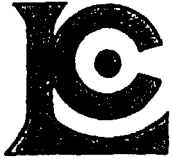
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A9917634

SAMPLE	PREP CODE	Au ppb FA+AA	As ppm															
L24E - 12075N-B	201 --	< 5	9															
L24E - 12100N-B	201 --	< 5	< 1															
L25E - 10925N-B	205 203	< 5	-----															
L25E - 10950N-B	201 --	< 5	-----															
L25E - 10975N-B	205 203	< 5	-----															
L25E - 11000N-B	201 --	50	-----															
L25E - 11025N-B	201 --	4290	-----															
L25E - 11050N-B	201 --	< 5	-----															
L25E - 11075N-B	201 --	< 5	-----															
L25E - 11100N-B	201 --	< 5	-----															
L25E - 11125N-B	201 --	< 5	-----															
L25E - 11150N-B	201 --	< 5	-----															
L25E - 11175N-B	205 203	< 5	-----															
L25E - 11200N-B	201 --	< 5	-----															
L25E - 11225N-B	201 --	80	-----															
L25E - 11250N-A	217 --	< 5	-----															
L25E - 11275N-A	217 --	< 5	-----															
L25E - 11300N-A	217 --	< 5	-----															
L25E - 11325N-A	217 --	< 5	-----															
L25E - 11350N-A	217 --	< 5	-----															
L25E - 11375N-A	217 --	< 5	-----															
L25E - 11400N-A	217 --	< 5	-----															
L25E - 11425N-B	201 --	< 5	-----															
L25E - 11450N-B	201 --	< 5	-----															
L25E - 11475N-B	201 --	< 5	-----															
L25E - 11500N-A	217 --	< 5	-----															
L25E - 11525N-B	201 --	< 5	-----															
L25E - 11550N-B	201 --	< 5	-----															
L25E - 11575N-B	205 203	< 5	-----															
L25E - 11600N-B	201 --	15	-----															
L25E - 11625N-B	205 203	< 5	-----															
L25E - 11650N-A	217 --	< 5	-----															
L25E - 11675N-B	201 --	30	-----															
L25E - 11700N-B	205 203	< 5	-----															
L25E - 11725N-B	201 --	< 5	-----															
L25E - 11750N-B	201 --	< 5	-----															
L25E - 11775N-B	201 --	< 5	-----															
L25E - 11800N-B	205 203	30	-----															
L25E - 11825N-A	217 --	< 5	-----															
L25E - 11850N-B	201 --	< 5	-----															

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*[Handwritten Signature]*



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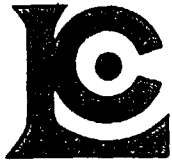
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## CERTIFICATE OF ANALYSIS

### A9917634

SAMPLE	PREP CODE	Au ppb FA+AA	As ppm										
L25E - 11875N-B	201 --	< 5	-----										
L25E - 11900N-B	201 --	< 5	-----										
L25E - 11925N-B	201 --	< 5	-----										
L25E - 11950N-B	201 --	< 5	-----										
L25E - 11975N-B	201 --	< 5	-----										
L25E - 12000N-B	201 --	< 5	-----										
L25E - 12025N-B	201 --	435	-----										
L25E - 12050N-B	201 --	< 5	-----										
L25E - 12075N-B	201 --	< 5	-----										
L25E - 12100N-B	201 --	85	-----										
L25E - 12125N-B	201 --	< 5	-----										
L25E - 12150N-B	201 --	< 5	-----										
L25E - 12175N-B	201 --	< 5	-----										
L25E - 12200N-B	201 --	< 5	-----										
L26E - 11025N-B	201 --	< 5	5										
L26E - 11050N-B	201 --	< 5	26										
L26E - 11075N-B	201 --	< 5	8										
L26E - 11100N-B	201 --	< 5	1										
L26E - 11125N-B	201 --	< 5	4										
L26E - 11150N-B	205 203	< 5	29										
L26E - 11175N-B	205 203	25	90										
L26E - 11200N-B	201 --	< 5	23										
L26E - 11225N-B	201 --	< 5	12										
L26E - 11250N-B	201 --	< 5	58										
L26E - 11275N-A	217 --	< 5	3										
L26E - 11300N-B	201 --	< 5	27										
L26E - 11325N-A	217 --	< 5	10										
L26E - 11350N-A	217 --	< 5	5										
L26E - 11375N-A	217 --	< 5	3										
L26E - 11400N-A	217 --	< 5	7										
L26E - 11425N-A	217 --	< 5	6										
L26E - 11450N-B	201 --	< 5	10										
L26E - 11475N-B	201 --	< 5	27										
L26E - 11500N-A	217 --	< 5	6										
L26E - 11525N-B	205 203	< 5	3										
L26E - 11550N-B	201 --	20	23										
L26E - 11575N-B	201 --	< 5	4										
L26E - 11600N-B	205 203	< 5	18										
L26E - 11625N-B	205 203	< 5	13										
L26E - 11650N-B	205 203	< 5	34										

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Project : 470060  
 Comments: ATTN: BOB KUSINS FAX: STEVE CONQUER

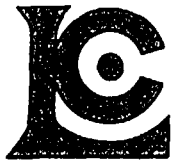
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 Certificate Date: 20-MAY-199  
 Invoice No. : I9917634  
 P.O. Number :  
 Account : DHG

## CERTIFICATE OF ANALYSIS A9917634

SAMPLE	PREP CODE	Au ppb FA+AA	As ppm									
L26E - 11675N-A	217 --	< 5	15									
L26E - 11700N-B	205 203	< 5	31									
L26E - 11725N-B	205 203	< 5	31									
L26E - 11750N-B	205 203	< 5	8									
L26E - 11775N-B	201 --	< 5	4									
L26E - 11800N-A	217 --	< 5	5									
L26E - 11825N-B	205 203	< 5	7									
L26E - 11850N-B	205 203	< 5	13									
L26E - 11875N-B	201 --	< 5	9									
L26E - 11900N-B	205 203	< 5	7									
L26E - 11925N-B	205 203	20	8									
L26E - 11950N-A	217 --	< 5	6									
L26E - 11975N-B	205 203	< 5	11									
L26E - 12000N-B	201 --	< 5	3									
L26E - 12025N-B	205 203	< 5	45									
L26E - 12050N-B	205 203	< 5	14									
L26E - 12075N-B	205 203	< 5	5									
L26E - 12100N-B	205 203	< 5	4									
L26E - 12125N-B	201 --	< 5	31									
L26E - 12150N-B	201 --	320	989									
L26E - 12175N-B	205 203	< 5	20									

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*Sato* *Teina*



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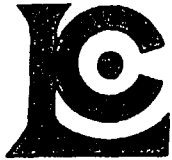
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Total Pages : 3  
Certificate Date: 25-MAY-1  
Invoice No. : 19917636  
P.O. Number :  
Account : DHG

## CERTIFICATE OF ANALYSIS A9917636

SAMPLE	PREP CODE	Au ppb FA+AA	As ppm										
L27E - 10925N-B	205 203	< 5	-----										
L27E - 10950N-B	205 203	< 5	-----										
L27E - 10975N-B	205 203	< 5	-----										
L27E - 11000N-B	201 --	< 5	-----										
L27E - 11025N-B	205 203	< 5	-----										
L27E - 11050N-B	201 --	< 5	-----										
L27E - 11075N-B	201 --	< 5	-----										
L27E - 11100N-B	205 203	< 5	-----										
L27E - 11125N-B	205 203	< 5	-----										
L27E - 11150N-B	205 203	< 5	-----										
L27E - 11175N-B	205 203	< 5	-----										
L27E - 11200N-B	201 --	< 5	-----										
L27E - 11225N-B	201 --	35	-----										
L27E - 11250N-B	201 --	< 5	-----										
L27E - 11275N-B	205 203	< 5	-----										
L27E - 11300N-B	201 --	< 5	-----										
L27E - 11325N-B	201 --	30	-----										
L27E - 11350N-A	217 --	< 5	-----										
L27E - 11375N-A	217 --	< 5	-----										
L27E - 11400N-A	217 --	< 5	-----										
L27E - 11425N-A	217 --	< 5	-----										
L27E - 11450N-A	217 --	< 5	-----										
L27E - 11475N-A	217 --	< 5	-----										
L27E - 11500N-A	217 --	< 5	-----										
L27E - 11525N-B	205 203	45	-----										
L27E - 11550N-B	201 --	< 5	-----										
L27E - 11575N-B	201 --	< 5	-----										
L27E - 11600N-B	201 --	< 5	-----										
L27E - 11625N-A	217 --	< 5	-----										
L27E - 11725N-A	217 --	< 5	-----										
L27E - 11750N-A	217 --	< 5	-----										
L27E - 11775N-A	217 --	< 5	-----										
L27E - 11800N-A	217 --	< 5	-----										
L27E - 11825N-A	217 --	< 5	-----										
L27E - 11850N-A	217 --	< 5	-----										
L27E - 11875N-A	217 --	< 5	-----										
L27E - 11900N-B	205 203	< 5	-----										
L27E - 11925N-B	201 --	30	-----										
L27E - 11950N-B	201 --	< 5	-----										
L27E - 11975N-B	205 203	110	-----										

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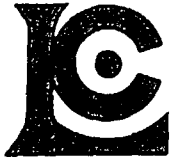
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## CERTIFICATE OF ANALYSIS

### A9917636

SAMPLE	PREP CODE	Au ppb FA+AA	As ppm										
L27E - 12000N-B	205 203	< 5	-----										
L27E - 12025N-B	201 --	< 5	-----										
L27E - 12050N-A	217 --	< 5	-----										
L27E - 12075N-B	205 203	< 5	-----										
L27E - 12100N-B	201 --	< 5	-----										
L27E - 12125N-B	201 --	< 5	-----										
L27E - 12150N-B	201 --	< 5	-----										
L27E - 12175N-B	205 203	< 5	-----										
L27E - 12200N-B	205 203	< 5	-----										
L28E - 11000N-B	201 --	< 5	30										
L28E - 11025N-A	217 --	< 5	7										
L28E - 11050N-B	201 --	< 5	43										
L28E - 11075N-B	205 203	< 5	30										
L28E - 11100N-B	201 --	< 5	13										
L28E - 11125N-B	205 203	< 5	17										
L28E - 11150N-B	201 --	< 5	13										
L28E - 11175N-B	205 203	30	33										
L28E - 11200N-B	205 203	< 5	10										
L28E - 11225N-B	201 --	< 5	44										
L28E - 11250N-B	201 --	< 5	16										
L28E - 11275N-B	201 --	< 5	5										
L28E - 11300N-B	201 --	20	5										
L28E - 11325N-A	217 --	< 5	9										
L28E - 11350N-A	217 --	< 5	< 1										
L28E - 11400N-A	217 --	< 5	7										
L28E - 11425N-A	217 --	< 5	< 1										
L28E - 11450N-A	217 --	< 5	3										
L28E - 11475N-A	217 --	< 5	4										
L28E - 11500N-A	217 --	< 5	5										
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L28E - 11600N-A	217 --	< 5	4										
L28E - 11625N-A	217 --	< 5	< 1										
L28E - 11650N-A	217 --	< 5	5										
L28E - 11675N-A	217 --	< 5	< 1										
L28E - 11700N-A	217 --	< 5	3										
L28E - 11725N-A	217 --	< 5	19										
L28E - 11750N-A	217 --	< 5	5										
L28E - 11775N-B	201 --	< 5	< 1										
L28E - 11800N-B	201 --	< 5	69										

CERTIFICATION:



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 5175 Timberlea Blvd., Mississauga  
 Ontario, Canada L4W 2S3  
 PHONE: 905-624-2806 FAX: 905-624-6163

To: BATTLE MOUNTAIN CANADA LTD.

P.O. BOX 1205, 60 SHIRLEY ST. S.  
 TIMMINS, ON  
 P4N 7J5


Project : 470060  
 Comments: ATTN: BOB KUSINS FAX: STEVE CONQUER

Page Number : 3  
 Total Pages : 3  
 Certificate Date: 25-MAY-1  
 Invoice No. : 19917636  
 P.O. Number :  
 Account : DHG

## CERTIFICATE OF ANALYSIS

### A9917636

SAMPLE	PREP CODE	Au ppb FA+AA	As ppm										
L28E - 11825N-B	205 203	< 5	16										
L28E - 11850N-B	201 --	< 5	16										
L28E - 11875N-B	201 --	< 5	13										
L28E - 11900N-B	201 --	< 5	11										
L28E - 11925N-B	201 --	< 5	1										
L28E - 11950N-A	217 --	< 5	13										
L28E - 11975N-A	217 --	< 5	6										
L28E - 12000N-A	217 --	< 5	10										
L28E - 12025N-A	217 --	< 5	9										
L28E - 12050N-A	217 --	< 5	14										
L28E - 12075N-B	201 --	< 5	1										
L28E - 12100N-B	201 --	< 5	15										
L28E - 12125N-B	201 --	< 5	6										
L28E - 12150N-B	201 --	< 5	6										
L28E - 12175N-B	201 --	< 5	2										
L28E - 12200N-B	201 --	< 5	16										
L29E - 11825N-B	201 --	< 5	7										
L29E - 11850N-B	201 --	< 5	< 1										
L29E - 11875N-B	201 --	< 5	7										
L29E - 11910N-B	201 --	< 5	9										
L29E - 11925N-B	201 --	< 5	7										
L29E - 11950N-B	201 --	< 5	6										
L29E - 11975N-A	217 --	< 5	13										

CERTIFICATION: 



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 5175 Timberlea Blvd., Mississauga  
 Ontario, Canada L4W 2S3  
 PHONE: 905-624-2806 FAX: 905-624-6163

To: BATTLE MOUNTAIN CANADA LTD.

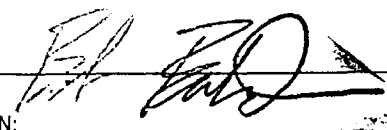
P.O. BOX 1205, 60 SHIRLEY ST. S.  
 TIMMINS, ON  
 P4N 7J5

Project:  
 Comments: ATTN: BOB KUSINS

Page Number :1  
 Total Pages :1  
 Certificate Date: 26-MAY-1998  
 Invoice No. :19917703  
 P.O. Number :  
 Account :DHG

## CERTIFICATE OF ANALYSIS A9917703

SAMPLE	PREP		Al2O3	CaO	Cr2O3	Fe2O3	K2O	MgO	MnO	Na2O	P2O5	SiO2	TiO2	LOI	TOTAL	CO2 %	S %
	CODE		% XRF	% XRF	% XRF	% XRF	% XRF	% XRF	% XRF	% XRF	% XRF	% XRF	% XRF	% XRF	%	inorg	Total
MC9827-48	299	--	12.30	6.41	< 0.01	11.70	0.53	3.64	0.18	3.80	0.17	52.52	1.64	6.26	99.15	4.9	0.34
MC9827-51	299	--	8.29	8.12	< 0.01	14.73	0.51	1.84	0.16	2.97	0.19	52.41	1.43	4.49	95.14	6.1	4.55
MC9827-58	299	--	11.88	6.35	< 0.01	16.15	0.10	3.40	0.20	2.65	0.22	50.92	1.75	6.04	99.66	4.1	0.28
MC9827-61	299	--	12.17	9.09	< 0.01	13.40	0.24	4.94	0.24	2.57	0.12	47.46	1.33	8.35	99.91	6.4	0.52
MC9828-05	299	--	13.36	8.15	< 0.01	12.59	0.50	5.20	0.21	3.41	0.13	50.13	1.42	4.08	99.18	2.6	0.18
MC9828-15	299	--	12.36	6.56	< 0.01	10.80	0.27	3.87	0.17	3.61	0.19	53.59	1.78	5.78	98.98	3.9	0.05
MC9828-17	299	--	12.22	7.60	< 0.01	13.62	0.17	4.29	0.20	3.16	0.17	48.77	1.64	7.72	99.56	5.8	0.09
MC9828-34	299	--	10.93	6.17	< 0.01	14.15	0.69	3.83	0.18	3.74	0.16	50.34	1.50	6.92	98.61	4.0	4.19
MC9828-35	299	--	9.79	5.83	< 0.01	10.61	0.43	3.01	0.15	4.99	0.08	52.27	1.12	9.29	97.57	7.4	4.40
MC9828-43	299	--	11.96	4.77	< 0.01	15.82	0.10	2.59	0.21	3.99	0.26	53.67	1.77	4.43	99.57	3.6	0.13
7419	299	--	13.75	11.69	< 0.01	10.24	0.20	3.65	0.22	2.10	0.08	49.15	0.88	7.95	99.91	5.8	0.14
7446	299	--	11.58	10.66	0.01	9.52	0.38	4.33	0.19	2.89	0.15	50.74	0.70	6.68	97.83	8.1	1.72
7470	299	--	16.70	10.10	0.01	10.09	0.12	4.08	0.22	2.26	0.10	50.03	1.12	4.77	99.60	2.5	0.10
7478	299	--	12.48	12.41	< 0.01	11.18	0.20	4.69	0.31	0.85	0.07	47.92	0.95	8.16	99.22	6.3	0.57
8614	299	--	15.93	9.67	< 0.01	11.27	0.13	3.75	0.24	2.04	0.07	50.67	1.01	3.85	98.63	2.2	0.59
8621	299	--	14.95	10.08	0.06	8.66	0.18	3.61	0.19	4.10	0.10	49.04	0.97	7.21	99.15	5.4	0.31
8637	299	--	12.42	6.71	0.06	13.48	0.48	3.88	0.21	3.64	0.17	49.91	1.77	6.25	98.98	4.1	0.11
8659	299	--	12.31	9.09	0.08	14.34	0.24	4.85	0.24	2.12	0.13	48.93	1.43	6.30	100.06	4.2	0.31

  
 CERTIFICATION: \_\_\_\_\_



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 5175 Timberlea Blvd., Mississauga  
 Ontario, Canada L4W 2S3  
 PHONE: 905-624-2806 FAX: 905-624-6163

To: BATTLE MOUNTAIN CANADA LTD.

P.O. BOX 1205, 60 SHIRLEY ST. S.  
 TIMMINS, ON  
 P4N 7J5

Project:  
 Comments: ATTN: BOB KUSINS

Page Number : 1-A  
 Total Pages : 1  
 Certificate Date: 28-MAY-1999  
 Invoice No. : I9917701  
 P.O. Number :  
 Account : DHG

## CERTIFICATE OF ANALYSIS

## A9917701

SAMPLE	PREP		Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
	CODE		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
MC9827-48	214	229	< 0.2	3.14	34	< 10	90	< 0.5	< 2	3.65	< 0.5	28	58	41	6.12	10	< 1	0.25	< 10	1.97	790
MC9827-51	214	229	1.6	1.75	180	< 10	90	< 0.5	< 2	4.75	< 0.5	57	63	106	7.82	10	1	0.25	< 10	0.98	745
MC9827-58	214	229	< 0.2	3.78	42	< 10	< 10	< 0.5	< 2	3.18	< 0.5	32	35	37	8.75	10	< 1	< 0.01	< 10	1.81	1060
MC9827-61	214	229	< 0.2	4.06	58	< 10	40	< 0.5	< 2	4.82	< 0.5	38	64	110	7.19	10	< 1	0.11	< 10	2.62	1395
MC9828-05	214	229	< 0.2	2.85	62	< 10	70	< 0.5	< 2	2.41	< 0.5	42	59	96	5.17	< 10	< 1	0.22	< 10	1.91	920
MC9828-15	214	229	< 0.2	3.22	32	< 10	10	< 0.5	< 2	3.39	< 0.5	26	52	66	6.20	10	1	0.07	< 10	2.18	1065
MC9828-17	214	229	< 0.2	3.84	48	< 10	10	< 0.5	< 2	4.49	< 0.5	38	39	50	7.12	10	< 1	0.04	< 10	2.38	885
MC9828-34	214	229	0.8	2.37	>10000	< 10	80	< 0.5	< 2	3.74	< 0.5	26	73	51	7.68	20	< 1	0.42	< 10	2.00	865
MC9828-35	214	229	0.8	0.54	>10000	< 10	20	< 0.5	< 2	3.60	< 0.5	16	79	27	6.21	10	1	0.13	< 10	1.58	900
MC9828-43	214	229	< 0.2	2.88	1460	< 10	< 10	< 0.5	< 2	2.91	0.5	25	42	17	8.58	20	< 1	< 0.01	< 10	1.49	815
7419	214	229	0.2	3.30	40	< 10	< 10	< 0.5	< 2	4.81	< 0.5	37	178	99	5.15	< 10	< 1	< 0.01	< 10	2.02	1290
7446	214	229	0.2	2.34	2100	< 10	< 10	< 0.5	< 2	6.22	0.5	27	202	75	4.89	10	< 1	0.02	< 10	2.02	1165
7470	214	229	< 0.2	2.94	66	< 10	< 10	< 0.5	< 2	2.19	< 0.5	45	167	100	4.43	< 10	< 1	< 0.01	< 10	2.06	1080
7478	214	229	< 0.2	3.35	8	< 10	< 10	< 0.5	< 2	4.98	< 0.5	34	153	135	5.22	< 10	< 1	< 0.01	< 10	2.37	1725
8614	214	229	< 0.2	3.22	54	< 10	< 10	< 0.5	< 2	2.22	< 0.5	44	159	112	5.52	< 10	< 1	< 0.01	< 10	2.12	1325
8621	214	229	< 0.2	2.94	106	< 10	< 10	< 0.5	< 2	4.74	< 0.5	46	198	118	4.55	10	< 1	< 0.01	< 10	2.05	1155
8637	214	229	0.2	3.63	52	< 10	80	< 0.5	< 2	3.86	< 0.5	40	51	78	8.08	10	< 1	0.29	< 10	2.31	1345
8659	214	229	< 0.2	3.87	50	< 10	40	< 0.5	< 2	3.78	< 0.5	40	65	92	7.28	10	< 1	0.12	< 10	2.41	1335

CERTIFICATION:





# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 5175 Timberlea Blvd., Mississauga  
 Ontario, Canada L4W 2S3  
 PHONE: 905-624-2806 FAX: 905-624-6163

To: BATTLE MOUNTAIN CANADA LTD.

P.O. BOX 1205, 60 SHIRLEY ST. S.  
 TIMMINS, ON  
 P4N 7J5

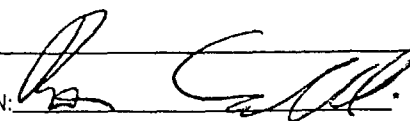
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 Total Pages : 1  
 Certificate Date : 28-MAY-19  
 Invoice No. : I9917701  
 P.O. Number :  
 Account : DHG

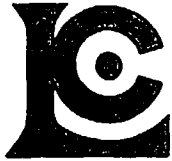
Project :  
 Comments: ATTN: BOB KUSINS

<b>CERTIFICATE OF ANALYSIS</b>	<b>A9917701</b>
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SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
MC9827-48	214 229	1	0.01	20	570	< 2	0.29	< 2	26	102	0.11	< 10	< 10	246	< 10	102
MC9827-51	214 229	< 1	< 0.01	12	770	< 2	3.99	< 2	16	107	0.07	< 10	< 10	121	< 10	42
MC9827-58	214 229	1	0.01	12	700	< 2	0.22	< 2	22	49	0.14	< 10	< 10	180	< 10	128
MC9827-61	214 229	< 1	0.01	33	350	< 2	0.43	< 2	28	104	0.14	< 10	< 10	222	< 10	112
MC9828-05	214 229	< 1	0.02	31	350	< 2	0.15	< 2	3	26	0.38	< 10	< 10	143	< 10	78
MC9828-15	214 229	< 1	0.02	19	660	< 2	0.04	< 2	24	46	0.40	< 10	< 10	244	< 10	126
MC9828-17	214 229	1	0.01	21	580	2	0.10	< 2	26	117	0.05	< 10	< 10	266	< 10	108
MC9828-34	214 229	< 1	0.01	25	620	< 2	3.72	< 2	23	144	0.07	< 10	< 10	232	< 10	90
MC9828-35	214 229	< 1	0.03	23	150	< 2	3.91	< 2	12	105	0.02	< 10	< 10	100	10	54
MC9828-43	214 229	2	0.03	3	1020	< 2	0.11	< 2	20	51	0.04	< 10	< 10	85	< 10	122
7419	214 229	1	0.01	73	200	< 2	0.11	< 2	3	15	0.20	< 10	< 10	82	< 10	80
7446	214 229	< 1	< 0.01	60	470	< 2	1.53	< 2	15	78	< 0.01	< 10	< 10	104	< 10	54
7470	214 229	< 1	0.01	82	210	< 2	0.08	< 2	2	9	0.18	< 10	< 10	72	< 10	84
7478	214 229	< 1	< 0.01	49	210	< 2	0.46	< 2	3	8	0.17	< 10	< 10	80	< 10	140
8614	214 229	< 1	0.01	90	220	< 2	0.48	< 2	2	11	0.26	< 10	< 10	68	< 10	156
8621	214 229	1	0.03	91	230	< 2	0.24	< 2	5	18	0.27	< 10	< 10	135	< 10	80
8637	214 229	< 1	0.03	23	590	< 2	0.08	< 2	29	68	0.48	< 10	< 10	287	< 10	120
8659	214 229	< 1	0.01	28	380	< 2	0.25	< 2	12	64	0.41	< 10	< 10	205	< 10	100

CERTIFICATION:





# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
5175 Timberlea Blvd., Mississauga  
Ontario, Canada L4W 2S3  
PHONE: 905-624-2806 FAX: 905-624-6163

To: BATTLE MOUNTAIN CANADA LTD.

P.O. BOX 1205, 60 SHIRLEY ST. S.  
TIMMINS, ON  
P4N 7J5

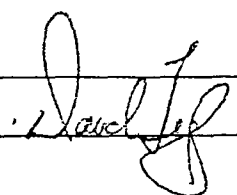
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Comments: ATTN: BOB KUSINS

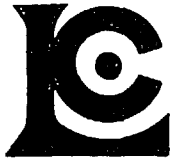
Page Number : 1-A  
Total Pages : 1  
Certificate Date: 27-MAY-11  
Invoice No. : 19917784  
P.O. Number :  
Account : DHG

## CERTIFICATE OF ANALYSIS

### A9917784

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
	FA+AA																				
2251-E	205	226	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
2251-G	205	226	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
2252-A	205	226	30	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
2252-C	205	226	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
2252-I	205	226	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
2252-L	205	226	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
2253-B	205	226	< 5	< 0.2	2.01	30	30	< 0.5	< 2	0.85	< 0.5	35	146	64	3.82	< 10	< 1	0.01	< 10	1.26	640
2253-F	205	226	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
2253-G	205	226	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
2262-F	205	226	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

CERTIFICATION: 



# Chemex Labs Ltd.

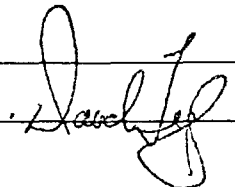
Analytical Chemists \* Geochemists \* Registered Assayers  
5175 Timberlea Blvd., Mississauga  
Ontario, Canada L4W 2S3  
PHONE: 905-624-2806 FAX: 905-624-6163

To: BATTLE MOUNTAIN CANADA LTD.  
P.O. BOX 1205, 60 SHIRLEY ST. S.  
TIMMINS, ON  
P4N 7J5  
Project: 470060  
Comments: ATTN: BOB KUSINS

Page Number : 1-B  
Total Pages : 1  
Certificate Date: 27-MAY-19  
Invoice No. : 19917784  
P.O. Number :  
Account : DHG

## CERTIFICATE OF ANALYSIS A9917784

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
2251-E	205	226	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2251-G	205	226	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2252-A	205	226	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2252-C	205	226	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2252-I	205	226	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2252-L	205	226	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2253-B	205	226	< 1	0.05	59	230	2	< 2	8	23	0.35	< 10	< 10	95	< 10	50
2253-F	205	226	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2253-G	205	226	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2262-F	205	226	----	----	----	----	----	----	----	----	----	----	----	----	----	----

CERTIFICATION: 



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
5175 Timberlea Blvd., Mississauga  
Ontario, Canada L4W 2S3  
PHONE: 905-624-2806 FAX: 905-624-6163

To: BATTLE MOUNTAIN CANADA LTD.

P.O. BOX 1205, 60 SHIRLEY ST. S.  
TIMMINS, ON  
P4N 7J5

Project: 470060  
Comments: ATTN: BOB KUSINS

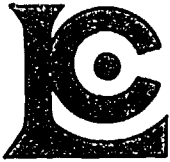
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Total Pages : 1  
Certificate Date: 27-MAY-15  
Invoice No. : 19917785  
P.O. Number :  
Account : DHG

## CERTIFICATE OF ANALYSIS

### A9917785

SAMPLE	PREP		Al2O3	CaO	Cr2O3	Fe2O3	K2O	MgO	MnO	Na2O	P2O5	SiO2	TiO2	LOI	TOTAL	CO2 %	S %
	CODE		% XRF	% XRF	% XRF	% XRF	% XRF	% XRF	% XRF	% XRF	% XRF	% XRF	% XRF	% XRF	%	inorg	Total
2251-E	299	--	13.94	7.81	< 0.01	10.23	0.08	6.46	0.19	3.50	0.07	48.57	1.02	7.33	99.20	4.3	0.06
2251-G	299	--	15.73	2.36	< 0.01	5.87	1.00	2.64	0.08	4.29	0.15	64.15	0.60	2.24	99.11	0.2	0.26
2252-A	299	--	13.04	5.29	< 0.01	11.48	0.20	6.95	0.20	2.37	0.07	51.56	1.15	7.39	99.70	3.4	0.15
2252-C	299	--	13.55	4.22	< 0.01	6.33	1.90	1.79	0.11	2.86	0.11	62.80	0.55	5.30	99.52	3.3	0.10
2252-I	299	--	18.50	3.28	< 0.01	6.79	3.37	3.63	0.12	2.27	0.06	55.43	0.88	4.62	98.95	1.3	0.05
2252-L	299	--	15.75	7.95	< 0.01	9.49	0.27	5.69	0.16	3.04	0.08	53.03	0.94	3.41	99.81	0.6	0.03
2253-B	299	--	16.90	6.08	< 0.01	9.30	0.13	3.36	0.17	5.57	0.09	52.81	1.12	3.00	98.53	0.3	0.63
2253-F	299	--	14.47	0.61	0.01	5.39	2.00	3.10	0.06	3.21	0.14	67.29	0.56	2.95	99.79	0.4	0.02
2253-G	299	--	12.52	6.75	< 0.01	16.94	0.22	4.66	0.24	4.09	0.18	49.48	2.52	2.33	99.93	0.4	0.50
2262-P	299	--	17.69	5.93	< 0.01	8.13	0.09	4.08	0.19	4.12	0.10	54.99	1.18	3.22	99.72	0.5	0.02

CERTIFICATION:



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
5175 Timberlea Blvd., Mississauga  
Ontario, Canada L4W 2S3  
PHONE: 905-624-2806 FAX: 905-624-6163

To: BATTLE MOUNTAIN CANADA LTD.

P.O. BOX 1205, 60 SHIRLEY ST. S.  
TIMMINS, ON  
P4N 7J5

Project : 470060  
Comments: ATTN: BOB KUSINS

Page Number :1  
Total Pages :1  
Certificate Date: 27-MAY-19:  
Invoice No. :19918188  
P.O. Number :  
Account :DHG

## CERTIFICATE OF ANALYSIS

A9918188

SAMPLE	PREP CODE	Au ppb FA+AA										
2255-C	208	226	< 5									
2255-I	208	226	< 5									
2256-B	208	226	25									
2256-C	208	226	10									
2256-D	208	226	915									
2256-E	208	226	620									
2263-D	208	226	< 5									
2263-L	208	226	< 5									
2263-M	208	226	< 5									

CERTIFICATION

*Diana Alexandre*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 5175 Timberlea Blvd., Mississauga  
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 PHONE: 905-624-2806 FAX: 905-624-6163

To: BATTLE MOUNTAIN CANADA LTD.

P.O. BOX 1205, 60 SHIRLEY ST. S.  
 TIMMINS, ON  
 P4N 7J5

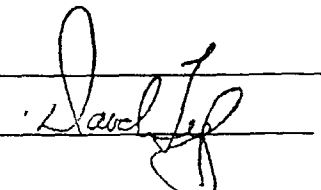
Project : 470060  
 Comments: ATTN: BOB KUSINS

Page Number :1  
 Total Pages :1  
 Certificate Date: 02-JUN-199  
 Invoice No. :19918189  
 P.O. Number :  
 Account :DHG

## CERTIFICATE OF ANALYSIS A9918189

SAMPLE	PREP CODE	Al2O3	CaO	Cr2O3	Fe2O3	K2O	MgO	MnO	Na2O	P2O5	SiO2	TiO2	LOI	TOTAL	CO2 %	S %
		% XRF	% XRF	% XRF	% XRF	% XRF	% XRF	% XRF	% XRF	% XRF	% XRF	% XRF	% XRF	% XRF	% inorg	Total
2255-C	299 --	16.26	3.17	< 0.01	5.44	1.29	1.68	0.08	4.96	0.24	64.02	0.92	1.43	99.49	< 0.2	0.26
2255-I	299 --	12.41	6.74	< 0.01	15.59	0.22	5.90	0.29	3.41	0.11	50.02	1.75	2.59	99.03	0.3	0.06
2256-B	299 --	9.35	4.86	0.09	9.83	0.24	12.36	0.20	< 0.01	0.18	49.63	0.69	11.81	99.24	6.5	< 0.01
2256-C	299 --	16.88	0.33	< 0.01	8.42	2.13	3.15	0.11	4.12	0.19	59.81	0.76	3.15	99.05	< 0.2	0.04
2256-D	299 --	9.38	9.60	< 0.01	10.18	0.36	4.07	0.23	5.06	0.39	44.81	0.83	11.03	95.94	13.0	3.90
2256-E	299 --	11.36	6.56	< 0.01	8.02	0.54	2.82	0.20	5.81	0.06	53.56	0.94	8.45	98.32	9.1	2.02
2263-D	299 --	17.22	1.10	< 0.01	2.48	1.14	0.94	0.03	7.86	0.12	65.62	0.42	1.64	98.57	0.4	0.16
2263-L	299 --	12.96	1.79	< 0.01	0.98	0.87	0.22	0.03	5.09	0.08	75.75	0.38	0.66	98.81	< 0.2	0.03
2263-M	299 --	14.24	2.71	< 0.01	2.29	1.72	0.72	0.07	3.23	0.08	72.57	0.31	1.16	99.10	< 0.2	0.10

CERTIFICATION:



# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

Project Name: Mishi Creek Number: 470060 District: Mishibishu

No 2151 Date: May 1999 Sampler: ZM N.T.S.: \_\_\_\_\_

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING	EASTING	SAMPLE DESCRIPTION
A	✓ 155				✓	12225	1780 ~	Sugary Qtz rusty up to 10cm wide hem to pg
B	✓ 45					12100	1810	felsic rock, Qtz stock work minor rust
C	✓ 36				✓	12035	1800	shl, sil sed rusty ant to pg Qtz str
D	✓ 9					11940	1800	int vol, sil, 1-2% cube py
E	✓ 46					11930	1805	sil rock, felsic vol? Qtz str, 1% py
F	✓ 7					11850	1800	sil felsic rock, rusty, Qtz str tr-1% py
G	✓ 61				✓	11850	1800	rusty same as "F"
H	✓ 6				✓	11950	1900	glassy-sugary grey Qtz U to py
I	✓ 5					11950	1898	Sugary-glassy grey Qtz
J	✓ 57/70					11955	1900	Sugary-glassy, grey-white Qtz rusty
K	✓ 45					11957	1900	glassy-sugary, white-grey Qtz minor rust
L	✓ 45				✓	11962	1885	Sil sed, ant? rusty sheared
M	✓ 45				✓	11967	1900	Sugary-glassy grey-white Qtz
N	✓ 91					11975	1905	Sil sed, Qtz str, rusty to pg.
O	✓ 87				✓	11980	11900	Sil sed, rusty to pg
P	✓ 45					11850	2200	Rusty mafic vol, Qtz str

# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

Project Name: Mishi Creek Number: 470060 District: Mishibishu  
 No 2152 Date: May 1999 Sampler: Bm N.T.S.: \_\_\_\_\_

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING	EASTING	SAMPLE DESCRIPTION
A	✓ 9				✓	11735	2200	ang frost heave Qtz Boulders sugary rusty hem.
B	✓ 9					11735	2200	glossy grey Qtz rusty to py angular frost heave
C	✓ 10/45					11475	2200	sil mafic vol calcite alt rusty to py.
D	✓ 6					11300	2120	Qtz V in mafic vol, rusty.
E	✓ 45					11922	2116.5	grey-Black Qtz minor rust Boulder
F	✓ 45				✓	11921.5	2117~	"
G	✓ 45					11920.5	2116~	" + R py
H	✓ 45					11920~	2115~	" "
I	✓ 45					11920.5~	2117~	" "
J	✓ 45					11919.5~	2117~	"
K	✓ 45					11921~	2118~	" + R py
L	✓ 10/9					11918	2118	weakly sheared sed o/c
M	✓ 45					11917	2118	glassy grey Qtz o/c
N	✓ 45					11916	2118	" " " o/c.
O	✓ 156				✓	25m Sof T4120N	2445	kt showing Qtz vein 3-5% asp sugary white rusty
P	✓ 45				✓	11635	2400	rusty pillows 140 py to asp?



# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

Project Name: Mishi Creek Number: 470060 District: Mishibishu

No 2153 Date: May 1999 Sampler: BM N.T.S.: \_\_\_\_\_

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING	EASTING	SAMPLE DESCRIPTION
A	✓ 231					11625	2400	rusty pillows to py
B	✓ 45					11575	2400	rusty mafic vol, to py
C	✓ 45					11160	2400	rusty sed, to 10% py
D	✓ 45					TK120N	2430	rusty mafic vol to py, calcite alt
E	✓ 202	199 Reossey				12175	2515	rusty sil mafic calcite alt, to py
F	✓		— JOID —					rusty silicified mafic vol, 19% py
G	✓ 45					11975	2800	rusty mafic vol to py minor Qtz str
H	✓ 12					11015	2620	rusty sugary Qtz to py
I	✓ 349					11790	1965	rusty sil sed to py
J	✓ 15							sil sed, Qtz str minor rust
K								<del> <div style="font-size: 2em; font-weight: bold;">JOID</div> </del>
L								
M								
N								
O								
P								

# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

Project Name: Mishi Creek Number: 470060 District: Nishibishu  
 No 2154 Date: May 1999 Sampler: BM N.T.S.: \_\_\_\_\_

SAMPLE #	AU P.P.B.	AU OPT. CHECK	W.R.	ICP	REP	NORTHING	EASTING	SAMPLE DESCRIPTION
A	✓ 116					11610	4000	rusty mafic vol 1% py w sil,
B	✓ 7					11585	4060	rusty mafic vol 2% py
C	✓ 195					10955	2480	rusty sed, ant, 1% py, sil
D	✓ 8821					10970	2487	rusty sugary white Qtz
E	✓ 25					10990	2495	rusty sugary Qtz ant 1% py
F	✓ 9					11005	2500	white-grey Qtz rusty
G	✓ 26					11100	2519	rusty sil mafic vol 1-2% py
H	✓ 55					11101	2520	same as "G" in copy
I	✓ 74	71				11102	2531	rusty mafic sil 1% py
J	✓ 62					11122	2532	rusty mafic vol 1-2% py, sil
K	✓ 99					11123	2531	sugary white-grey Qtz minor gosson
L	✓ 1066				✓	11125	2530	sil mafic vol, 3-5% py rusty
M								<div style="font-size: 2em; font-weight: bold; transform: rotate(-45deg); opacity: 0.5;">VOID</div>
N								
O								
P								

# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

Project Name: Mishi Creek Number: 470060 District: Mishibishu

No 2155 Date: May 1999 Sampler: BM/RM N.T.S.: \_\_\_\_\_

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING	EASTING	SAMPLE DESCRIPTION
A	✓ 28					10665	6590	altered quartz por 3-5% py to gn?
B	✓ 234				✓	10600	6675	ang Qtz block rusty cherty grey 0.3% py
C	✓ 116				✓	10600	6675	ang por alt rusty gn? 1-3% py to ang?
D	✓ 26				✓	10600	6675	sil por rusty 35% py
E	✓ 45				<del>✓</del>	10590	6715	flat Qtz veins glassy grey
F	✓ 22				<del>✓</del>	10590	6715	rusty Qtz, hematite, 1-2% py
G	✓ 45					10590	6715	rusty por, 1-2% py.
H	✓ 16					11110	6500	rusty sh. sed, 1% py
I	✓ 129				✓	11175	6500	ank alt sed, numerous Qtz v. 1% py rusty
J	✓ 15	16				11275	6585	rusty sed 5-10% py, sil
K	✓ 45					11277	6585	sh. sed, rusty, sil
L	✓ 561					11279	6585	rusty Qtz float, to py
M	✓ 11					11060	6600	iron formation rusty cherty to py 0.3% py
N	✓ 98					10995	6600	rusty porphyry, sheared, Qtz sh, sil, to py.
O								<del>VOID</del>
P								

# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

Project Name: Mishi. Coat Number: 470060 District: Mishibishu  
 No 2156 Date: May 1999 Sampler: Bm/Rm N.T.S.: \_\_\_\_\_

SAMPLE #	AU P.P.B.	AU O.P.T. CHECK	W.R.	ICP	REP	NORTHING	EASTING	SAMPLE DESCRIPTION
A	✓ 50			MARTEN ZONE				rusty etc seen top.
B	✓ 25			↓				white glassy etc.
C	✓ 55							rusty etc, hem, 1% py.
D	✓ 144				✓			" " " 2-3% py.
E	✓ 2451	2446						" " " "
F	✓ 25							white glassy - sugary etc to py.
G	✓ 25							white glassy - sugary etc
H	✓ 25					✓		rusty etc sugary.
I	✓ 25							white sugary etc
J	✓ 90							" " "
K	✓ 64					✓		rusty sugary etc 2-3% py hem
L	✓ 365							" " " " "
M	✓ 17							sugary etc minor rust
N	✓ 5	6						" " " " topy
O	✓ 30							" " " " 4-1% py
P	✓ 11							rusty sugary etc, hem

# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

Project Name: Mishi Creek Number: 470060 District: Mishibishu  
 No 2157 Date: May 1999 Sampler: BM N.T.S.: \_\_\_\_\_

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING	EASTING	SAMPLE DESCRIPTION
A	✓ L5					11585~	5335~	wash to sh. mafic vol, 10% py
B								
C								
D								
E								
F								
G								
H								
I								
J								
K								
L								
M								
N								
O								
P								

# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

Project Name: Nishi Creek Number: 470060 District: Nishibishu  
 No 2158 Date: June 1999 Sampler: Bm/rem N.T.S.:

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING	EASTING	SAMPLE DESCRIPTION
A	✓ 25					11888	1975	shr sed/sit @tz str rusty
B	✓ 19					11883	1975	Same as 'A'
C	✓ 6					11865	1975	same as 'A'
D	✓ 8					11880	2020	shr sed rusty @tz str
E	✓ 25					11950	2000	shr sed @tz str rusty
F	✓ 25					11950	1990	@tz vein in sed tuff ant
G	✓ 5					11925	1940	w shr sed 2% py
H	✓ 65					12050	1770	@tz v in shr rusty sed
I	✓ 92	74				12185	1760	rusty @tz 1% py hem 1.22g showing
J	✓ 12					12025	1805	ang frost leave porphyry @tz str tuff
K	✓ 17				✓	12140	2585	sit felsic dyke? tuff
L	✓ 25					11675	1700	@tz frag from soil hole ant, rusty
M	✓ 13					11675	1685	ang frost leave sed w sil 2-3% py
N	✓ 25					11665	1650	w shr sed @tz str ant
O	✓ 25					11670	1635	w shr sed @tz str
P	✓ 25				✓	11675	1670	ant porphyry rusty sil, @tz str

## BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

Project Name: Mishi Creek Number: 470060 District: Mishibishu

No 2159 Date: June 1999 Sampler: BM/RM N.T.S.: \_\_\_\_\_

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING	EASTING	SAMPLE DESCRIPTION
A	✓ 76					11680	1728	rusty "itty litter" soil
B	✓ 8	8				11700	1730	porphyry ant, rusty @z str ang flood
C	✓ 34					11700	1740	rusty sed 1% py ant ang flood
D	✓ 39					11695	1740	ant sed, @z str rusty ang flood
E	✓ 15				✓	11730	1730	ant porphyry to - 1% py rusty
F	✓ 45					11800	1720	ant porphyry sil, rusty, to py
G	✓ 17					11850	1700	sil porphyry rusty ant, to py pit for soil.
H	✓ 45					12330	1500	rusty mafic vol, to py
I	✓ 45					12350	1500	"
J	✓ 45					11925	1500	rusty shr sed @z str
K	✓ 7	45				11907	1500	rusty ant sed @z str
L	✓ 15					11900	1485	rusty shr sed @z str
M	✓ 13					11875	1500	rusty ant shr sed @z str
N	✓ 10					11878	1500	"
O	✓ 6					74120N	1422	ang flood rusty vol, @z str
P	✓ 45					12295	1400	rusty sed, @z str

# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

Project Name: Mishi Creek Number: 470060 District: Mishibishu

No 2160 Date: June 1999 Sampler: Bm N.T.S.: \_\_\_\_\_

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING	EASTING	SAMPLE DESCRIPTION
A	✓ 11					12225	1300	rusty sh sed, Qtz str
B	✓ L5					12210	1300	grey Qtz ls in sed rusty
C	✓ 85				✓	72120N	1430	rusty vol, Qtz str
D	✓ L5	L5				11840	1800	ang Qtz float grey
E	✓ L5					11820	2095	sh sed etc str rusty
F								
G								
H								
I								
J								
K								
L								
M								
N								
O								
P								

STOP



# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

Project Name: Mishi Great Number: 470060 District: Mishibishu

No 2162 Date: June 1999 Sampler: BM/RM N.T.S.:

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING	EASTING	SAMPLE DESCRIPTION
A	✓	6				11680	1089	shr sed to py of z str
B	✓	6			✓	11875	1020	felsite to py hem?
C	✓	25			✓	11875	1020	" " "
D	✓	45				11850	1010	mofa rock epidote, gn? to py inty
E	✓	37				11850	1010	felsic rock gn? ug? cpy to py.
F								
G								
H								
I								
J								
K								
L								
M								
N								
O								
P								

# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

 Project Name: Mishi Creek

 Number: 470

 District: Mishibishu

 No 2201 Date: May 4

 Sampler: R.W. MacNally

N.T.S.: \_\_\_\_\_

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING	EASTING	SAMPLE DESCRIPTION
MAY 4 A	✓ 6					122+90	17+02E	mod. foliated - sheared mafic sed. with 18 f.g. dsmn py + wh. sugary qtz stg ± 1cm
B	✓ 6					119+25N	17+00E	light greenish volcanic with sugary whit qtz stg. mild gossan ± 18 f.g. dsmn py
C	✓ 28					115+58N	17+03E	mafic c 28 f-m.g. dsmn py
MAY 5 D	✓ 13					117+62N	17+00E	strong Ankerite weathering, smoky to bl. qtz stringers in felsic host (porphy?) ± 37 f.
E	✓ 9/6					118+25N	L20E	dug up - ser. - foliated or sheared. rusty gossan smoky qtz stg.
F	✓ 16				✓	121+50N	L21E	mafic - 418 v.f.g. dsmn. py - fine fractures thru it - calcitic
MAY 6 G	L5					117+80N	L23E	qtz stg. in mafic
H	L5					117+20	"	" " " " tr py
I	L5					116+37N	"	mafic o.c. with numerous rusty qtz tr py
J	5					110+85	23+05 E	mod. chloritic, sheared / foliated mafic with fine qtz carb rusty fractures ± 18 f.g.
K	L5					"	23+05 E	gossaneous sed in contact with J tr py chloritic. well foliated. c qtz ank laminae
MAY 8 L	L5					115+10N	L26E	felsic boulder. angular in swamp. tr py
M	37					110+80N	L26E	foliated sed. c gossan qtz ank stg. ± 18 py
N	52/53					110+25	L26E	rusty mafic / 418 f.g. dsmn. asp? / py
O	64					117+35	L26E	mafic gossan tr. - 18 py
MAY 9 P	L5					121+10	26+10	Rusty mafic o.c. tr py quartz carb. / pillow salvage

# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

 Project Name: MISHI CREEK

 Number: 470

District: \_\_\_\_\_

No

2202

 Date: May

 Sampler: RW MacNally

N.T.S.: \_\_\_\_\_

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING	EASTING	SAMPLE DESCRIPTION
<sup>May 9</sup> A	✓ 45					TL20N	23+19E	mafic $\bar{\epsilon} \leq 28$ f.g. dsmn. py $\leq 18$ aspy Rusty
B	✓ 171					110+63N	22+00E	qtz stj. in folded sed. tr-18 py weak gossan
C	✓ 7					110+25N	22+80E	on ATV trail sheared/silicified felsic mod-strong gossan
D	✓ 7					110+44N	23+00	sheared sed. $\bar{\epsilon}$ qtz stringers. weak-mod gossan.
E	✓ 23					110+35	27+00E	sed.? $\bar{\epsilon}$ qtz 18 py - aspy dsmn
F	✓ 20					110+35	27+00E	Porphyry in contact with above. Foot wall
G	✓ 45					110+25N	23+62E	grey qtz veins in felsic host. $< 18$ angular boulders heavy ank-gossan
<sup>May 15</sup> H	✓					116+07N	39+45E	mafic $\bar{\epsilon} \leq 38$ f.g. sl. aspy 18 py
I	✓					116+03	40+50E	mafic $\bar{\epsilon}$ qtz calcite - Ank stringer
<sup>May 16</sup> J	✓					109+10N	27+07E	heavily gossaneous, well foliated / sheared 18 py along chl shear planes.
K	✓					109+00	26+75E	Intermediate - sed. sheared Ank stained.
L	✓					109+75N	24+85E	sheared felsic - porp. $\bar{\epsilon}$ chl. planes. and qtz filled micro fractures wk-mod g.
M	✓					109+78N	24+85E	similar to above 3mN mod-heavy goss
N	✓					111+37	25-E	qtz stj. in sed. adjacent to diabase tr to wk rusty
O	✓					111+90N	30+25E	sed. foliated - mod. , mod. rusty $\bar{\epsilon}$ qtz sugary white stringers tr. to $< 18$ py
<del>P</del>								575 Ppb soil. swampy to N ie 112+00N

# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

 Project Name: Mishi Creek

 Number: 470

District: \_\_\_\_\_

 No 2203

 Date: May 16 →

 Sampler: R.W.M

N.T.S.: \_\_\_\_\_

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING	EASTING	SAMPLE DESCRIPTION
✓ A	✓					106+25	66+17E	Sed. ? cooked up - mod. - strong shearing tr py
✓ B	✓					106+00	65+80E	Sed. ? rusty - mod tr. py.
C	✓					113+05 N	50+70	South east shore of pillow lake core can rusty mafic.
D	✓					"	"	asc Bruce marked on Sample Map Location
E	✓					110+00 N	61+37E	mafic ± 18 f.g. dsmn. py ± boulder Rusty stringers ± Ank wk silification
F	✓					111+50 N	65+75E	mafic ± dsmn aspy ± 18
G	✓					111+95	65+70	± 2" creamy qtz Vn wk rusty
H	✓					"	"	contorted sed. ± sericite alt mod. wk. rusty
I	✓					108+00	65+70	alt. porphory boulder 18 f.g. dsmn py
J	✓					108+00	66+40E	porphory unaltered tr py
K	✓				✓	112+90 N	45+30 E	small island south of camp. mafic. altered ± 28 v.f.g. dsmn py, aspy
L	✓					112+90 N	"	mafic rusty, altered. ± 38 c.g. dsmn py ± 28 aspy rods.
M	✓					112+80 N	"	mafic - ± 28 dsmn to stringer py
N	✓				✓	112+75 N	"	mafic - Dorset? wk. albite. ± 58 dsmn. fto m.g. py
O	✓					105+20 N	~ 53+30 E	Rusty sericite sed. South of H Trench on Southside of Gorge
P	✓					112+48 N	43+65 E	mafic - Calcitic fractures ± 28 f.g. dsmn Core shack tr py

# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

Drill Core.

Project Name: Mishi Creek

Number: 470060

District: Mishibishu

No 2204 Date: May 1999

Sampler: RM/BM

N.T.S.:

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING	EASTING	SAMPLE DESCRIPTION
A	✓ 7					tr-1%py	MLS	<del>59.2</del> → <del>60</del> 59.2 → 60
B	✓ 25					w sil 1-5%py		60.0 → 61
C	✓ 25					3% dis py		61.0 → 62
D	✓ 9					minor gtc str 3% dis py		62.0 → 63
E	✓ 45					minor gtc str 1% pf.		63.0 → 64
F	✓ 15					"		64.0 → 65
G	✓ 7					"		65.0 → 65.5
H								
I								
J								
K								
L								
M								
N								
O								
P								

# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

Project Name: Mishi Creek Number: 470 District: \_\_\_\_\_

No 2205 Date: May 99 Sampler: R.W.M N.T.S.: \_\_\_\_\_

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING	EASTING	SAMPLE DESCRIPTION
A	✓				✓	106+40N	54+12E	matic $\bar{z}$ boulder. rusty E 108 f.g. dsnn aspy
B	✓					106+60N	51+25E	Q.V. Rusty Sugdy white.
C	✓					116+65N	52+40E	Rusty angular boulder N.E arm of P.M. $\approx 18" \times 24"$ No grid. North shore $\approx 100$ m of creek flowing
D	✓					114+39N	51+70E	matic $\bar{c}$ E 18v.f.g. dsnn. aspy
E								
F								
G								
H								
I								
J								
K								
L								
M								
N								
O								
P								

# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

Project Name: Mishi Creek Number: 470 District: \_\_\_\_\_

No 2206 Date: May 20 Sampler: RW N.T.S.: \_\_\_\_\_

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING	EASTING	SP88-2	SAMPLE DESCRIPTION
A	470								62.3 m → 63.0
B	16								63.0 m → 64.0
C	321	431							64.0 m → 65
D	310								65.0 m → 66
E	114								66.0 m → 67
F	6								67.0 m → 68
G	12								68.0 m → 68.9
H									
I									
J									
K									
L									
M									
N									
O									
P									

# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

Project Name: Mishi Creek Number: 470 District: Mishibishu

No 2207 Date: June 2 - 1999 Sampler: RWM & BM N.T.S.: \_\_\_\_\_

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING	EASTING	SAMPLE DESCRIPTION
June 1 <b>A</b>	✓ 83					118+65N	1980E	Volcanic? ≤ 5% f.g.d. py
<b>B</b>	✓ 7					122+00N	1725E	boulder rusty felsic ≤ 1% py & Qtz.
June 3 <b>C</b>	✓ 5					120+88N	20+11E	mafic - mild shearing tr py.
June 4 <b>D</b>	✓ 25					116+50N	16+30E	Mafic ≤ 3% v.f.g. dismn. py strong ochre
<b>E</b>	✓ 18					116+37N	15+80E	qtz stringers in sed.
<b>F</b>	✓ 10					115+00N	17+62E	" " " " mod.-heavy ank alt.
June 5 <b>G</b>	✓ 38					122+75	16E	Felsic/porp.? alt. Ankeritic
June 6 <b>H</b>	✓ 65	85				119+30	(15+65E) TL20 L16E	Felsic/porp? ank alt tr. py near contact & sed.
<b>I</b>	✓ 65					117+65	16+50	strong Ank felsic/porp? qtz stg. tr
<b>J</b>	✓ 25					117+65	16+50	" " " " " " 18,
<b>K</b>								
<b>L</b>								
<b>M</b>								
<b>N</b>								
<b>O</b>								
<b>P</b>								



# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

 Project Name: Mishi Creek

 Number: 470

 District: Mishibishu

 No 2208 Date: June 8 →

 Sampler: RWM BM.

N.T.S.: \_\_\_\_\_

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING	EASTING	SAMPLE DESCRIPTION
<i>June 8th</i> A	✓ 11					122+25N	L16E	sed ± ≤ 28 v.f.g. obsm n py - stringers ≤ 2" qtz stringers in o.c. Nat in sample.
B	✓ 106				✓	122+75N	15+85E	Felsic → Altered Porphyry with qtz strun - mod to strong ank alt ≤ 28 py ds
C	✓ 30						15+90	"
D	✓ 40						15+92	"
E	✓ 9	9				122+75N	15+95	"
<i>June 8th price has</i> F	✓ 9					10365	1660	ank porphyry, ang boulders, etc
G	✓ 45					117+25N <del>109+95N</del>	17+25E <del>17+105E</del>	qtz boulder to py angater with strong ank felsic tr - 18 py
H	✓ 45					117+25N	17+25E	" " " ≤ 28 f.g.d. p
I	✓ 45					117+35N	17+80E	make ± qtz stringers <sup>Pond shore</sup> to py w/kgae
J	✓					109+95N	27+85E	± white qtz boulder. to py
K								
L								
M								
N								
O								
P								

# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

 Project Name: Mishi Creek.

 Number: 470060

 District: Mishibishu

 No 2209 Date: June 9

 Sampler: Rwm & B.M.

 N.T.S.: Trench. - middle. L

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING	EASTING	MLT-01	SAMPLE DESCRIPTION
A	✓ 18							1.0m	sheared sed. ank. qtz stg.
B	✓ 105							1.0m	" "
C	✓ 43							0.8m	sheared sed ank qtz stg.
D	✓							1.0m	" " "
E	✓ 130							1.1m	" " "
F	✓ 128							0.5m	" " "
G	✓ 495							1.3m	" " " qtz stg tr
H	✓ 5							1.0m	" " "
I	✓ 10							1.0m	" " "
J	✓ 203							1.0m	" " "
K	✓ 492							1.0m	" " " qtz stg.
L	✓ 683							.9m	sheared sed. ank qtz stg
M	✓ 48	32						1.0m	" " " " "
N	✓ 19							1.3m	" " "
O	✓ 63							1.0m	" "
P	✓ 161							1.0m	" "

# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

 Project Name: Mishi Creek

 Number: 470

 District: Mishibishu

 No 2210 Date: June 9

 Sampler: Rwm & B.M

 N.T.S.: Trench

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING	EASTING	MLT-01 SAMPLE DESCRIPTION
A	✓ 8							.5m sheared sed. ank
B	✓ 82							.6m " " "
C	✓ 2031							.5m " " " ± 9tz stj
D	✓ 21							.8m " " " —
E	✓ 5							1.0m " " "
F	✓ 31	45						1.0m " "
G	✓ 109							1.0m " "
H	✓ 81							1.0m " " ank.
I	✓ 57							1.2m " " " "
J	✓ 51							1.0m shr sed ank 9tz stj
K	✓ 6							1.0m " "
L	✓ 9							1.0m " "
M	✓ 45							1.0m " "
N	✓ 45							1.2m " "
<del>O</del>								
<del>P</del>								

**BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET**

TRENCH

*Mishi  
Creek*

Project Name: *Mishibishu* Number: 470060 District: *Mishibishu*  
 No 2211 Date: *June 1999* Sampler: *BM, RM, MR* N.T.S.:

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING Channel width	EASTING	MCT-1	SAMPLE DESCRIPTION
A	✓ 8					1.0		shr ont sed	
B	✓ 5					1.0		" " " "	minor Qtz sh
C	✓ 8					.9		" " " "	
D	✓ 6					.5		" " " "	1/2 py
E	✓ 207					1.0			90% Qtz ant, rusty 1% py
F	✓ 1509					1.0		" " " "	2-3% py
G	✓ 48	15				1.0			shr sed rusty
H	✓ 269					.5		" " " "	1% asp
I	✓ 692					.7			30% Qtz 1% asp shr sed
J	✓ 50					1.0			strongly sheared sed rusty
K	✓ 42					1.0			she sed to py
L	✓ 83					1.1			w shr to py
M	✓ 252					1.0			strongly sheared rusty
N	✓ 178					.7			sily fractured sed w sheared minor grey Qtz
O	✓ 15					1.0			mod sheared rusty sed
P	✓ 25	25				1.0			w sheared sed 10% Qtz ve

# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

Project Name: Mishi Creek Number: 470060 District: Mishibishu  
 No 2212 Date: June 1999 Sampler: RM / MR N.T.S.: \_\_\_\_\_

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING <del>NORTHING</del> channel width	EASTING	MCT-1	SAMPLE DESCRIPTION
A	✓ 59	38				1.0			shor sand ant rusty 10% atz
B	✓ 65					.5			30% atz rusty 2-3% py
C	✓ 16					1.0			strongly sheared sand
D	✓ 11					.9		"	" " "
E	✓ 10					.8		"	" " 5% atz st
F	✓ 23					1.0		"	" " "
G	✓ 25					1.0		"	" " 10-15 % atz rust
H	✓ 11					1.0			sheared sst 40% atz vein 1% aspy
I	✓ 15					1.0			QU 2-3% aspy sericite dt
J	✓ 88	110				1.0			QU 1-2% aspy " "
K	✓ 64					0.8			QU 1-2% aspy/py sericite
L	✓ 52					0.9			silicified sst 50% atz floods vein 2-3% aspy
M	✓ 31					1.1			strongly sheared sst gossan 5% atz flood 5%
N	✓ 272					1.0			QU with 30% sheared sst 5-10% disc aspy
O	✓ 75					1.0			QU aspy 1% py
P	✓ 23					1.0			QU gossan tr py

# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

Project Name: Arshi Creek Number: 470060 District: Arshibishu

No 2213 Date: June 1999 Sampler: \_\_\_\_\_ N.T.S.: \_\_\_\_\_

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING <i>width</i>	EASTING	SAMPLE DESCRIPTION
A	✓ 26					1.0	TR-1	QU gossan t-py
B	✓ 117					1.0		<del>QU</del> gossan t-py Sst silicified
C	✓ 7	7				1.0		sheared Sst
D	✓ 10					0.8		sheared Sst
E	✓ 76					1.0		O.V t-py rosey 590 ank
F	✓ 23					1.2		QU t-py " " "
G								
H								
I								
J								
K								
L								
M								
N								
O								
P								

# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

 Project Name: Aishi Creek

 Number: 470060

 District: Nishikishu

No

2214

Date:

June 1999

Sampler:

N.T.S.:

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING width	EASTING	SAMPLE DESCRIPTION
A	✓ 74					1.0	TR-3	sheared sst 2% diis py/asp
B	✓ 2193					0.8	↓	altered sst rusty 2% py
C	✓ 1280					1.0		altered sed deformed rust 2% py mica 50% Qtz
D	✓ 1801					0.8		altered sst rusty sil'ed 1% py
E	✓ 18					0.5		60% Qtz altered sed 4% py mica
F	✓ 13	11				0.8		sheared rusty sst 10% Qtz 4% py
G	✓ 811					0.8		sheared sst rusty with silica 1% asp
H	✓ 682					0.7		sheared sst rusty silicified 1-2% asp
I	✓ 524					0.6		sheared sst local rust N.V.S.
J	✓ 518					0.7		70% QU 1% mica 1% asp stray deform mica
K	✓ 152					0.8		strongly sheared sst rusty N.V.S.
L								
M								
N								
O								
P								

# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

Project Name: Mishi Creek Number: 470060 District: Mishibishu

No 2215 Date: June 1999 Sampler: \_\_\_\_\_ N.T.S.: \_\_\_\_\_

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING-width	EASTING	SAMPLE DESCRIPTION
A	✓					1.0	TR-4	Sst 590 Qtz stringers
B	✓					1.0	↓	Sst " "
C	✓					0.5		Sst " "
D	✓					1.0		Sst tr Qtz stringers
E	✓					0.8		Sst " " "
F	✓					1.0		Sst 570 " "
G	✓					1.0		Sst 1590 " "
H	✓					1.0		Sst 1070 " "
I	✓					1.1		Sst 2070 " " rusty contacts
J	✓					1.0		Sst 590 " "
K	✓					1.0		Sst 590 " "
L	✓					1.0	Sst 1070 " "	
M	✓					1.3	Sst 1590 " "	
N	✓					1.0	Sst 1070 " " rusty contacts	
O	✓					1.3	Sst 1070 " " " "	
P	✓					1.0	Sst strong shear unkmite Qtz stringers	



# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

Project Name: Mish. Creek Number: 470060 District: Mishibishu  
 No. 2216 Date: June 1999 Sampler: \_\_\_\_\_ N.T.S.: \_\_\_\_\_

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING width	EASTING	SAMPLE DESCRIPTION
A	✓					0.9	TR-4	Sst moderate shear antiferitized 10% Qtz stringers
B	✓					1.0	}	Sst " " " " "
C	✓				0.5	Sst " " " " "		
D	✓				1.0	Sst very strong shear 5% Qtz stringers		
E	✓				1.3	Sst 10% " "		
F	✓				1.0	Sst 25% " "		
G	✓				1.0	Sst 5% " "		
H	✓				1.0	Sst 10% " " + veinlets		
I	✓				1.0	Sst 20% " "		
J	✓				0.9	Sst 10% " "		
<del>K</del>								
L								
M								
N								
O								
P								

# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

Project Name: \_\_\_\_\_ Number: \_\_\_\_\_ District: \_\_\_\_\_

No **2217** Date: \_\_\_\_\_ Sampler: \_\_\_\_\_ N.T.S.: \_\_\_\_\_

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING <i>width</i>	EASTING	SAMPLE DESCRIPTION
A						0.7 m		4070 QU within Sst 570 Ank
B						0.9		3070 QU within Sst gossan streak to py
C						0.8		QU silicified 1070 ank gossan
D						1.2		QU silicified 1070 " "
E						1.0		Sst wk shear 470 ank
F						1.0		" " " "
G						1.0		Sst med to strong shear 570 ank
H						1.15		Sst strong shear 570 ank
I						1.15		med shear Sst 1-270 ank 570 Qtz veinlets
J						1.0		med shear Sst 570 ank 4570 Qtz veinlets
K						1.0		7 QFP 5-1070 ank
L						1.0		7 QFP 5-1090 ank
M						1.0		7 QFP 570 ank
N						1.0		7 QFP 570 ank
O						1.0		Sst silicified 570 ank 570 Qtz veins/floucs
P						1.0		Sst very weak shear

# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

Project Name: \_\_\_\_\_ Number: \_\_\_\_\_ District: \_\_\_\_\_

No 2218 Date: \_\_\_\_\_ Sampler: \_\_\_\_\_ N.T.S.: \_\_\_\_\_

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	<del>NORTHING</del> width	EASTING	SAMPLE DESCRIPTION
A						1.0		Sst very weak shear
B						1.0		Sst # " "
C						1.0		Sst weak shear
D						0.8		Sst " "
E						1.0		Sst " "
F						1.0		Sst strong shear 25% bond Qtz veins
G						1.0		mod shear sst with fracture filling
H						1.0		Sst mod to strong shear as above
I						<del>0.8</del> 1.0		Sst for work
J						0.8		Sst # work mod shear
K						0.8		Sst wk shear no work
L						0.6		Sst mod to strong shear 25% Qtz stringers
M								
N								
O								
P								

# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

Project Name: \_\_\_\_\_ Number: \_\_\_\_\_ District: \_\_\_\_\_

No 2219 Date: \_\_\_\_\_ Sampler: \_\_\_\_\_ N.T.S.: \_\_\_\_\_

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING <i>width</i>	EASTING	SAMPLE DESCRIPTION
A						1.0		2ms wt yossan wt calc
B						1.0		2ms " "
C						1.0		2ms " "
D						1.0		2ms " "
E						1.2		2ms " "
F						1.2		2ms " "
G						1.0		2ms " "
H						1.0		2ms " "
I						1.0		2ms "
J						1.0		2ms "
K						1.0		2ms "
L						1.5		2ms "
M						1.3		2ms 20cm QV + shearing rusty 1% aspy
N						1.0		2ms 1-3% aspy rusty
O						1.0		2ms 1% aspy rusty
P						1.0		2ms fr aspy rusty

# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

Project Name: \_\_\_\_\_ Number: \_\_\_\_\_ District: \_\_\_\_\_

**No** 2220 Date: \_\_\_\_\_ Sampler: \_\_\_\_\_ N.T.S.: \_\_\_\_\_

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING <i>width</i>	EASTING	SAMPLE DESCRIPTION
<b>A</b>						1.0		<i>2ms rusty very weak silty + cherty</i>
<b>B</b>						0.9		<i>2ms rusty weak bleaching</i>
<b>C</b>								
<b>D</b>								
<b>E</b>								
<b>F</b>								
<b>G</b>								
<b>H</b>								
<b>I</b>								
<b>J</b>								
<b>K</b>								
<b>L</b>								
<b>M</b>								
<b>N</b>								
<b>O</b>								
<b>P</b>								

# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

Project Name: \_\_\_\_\_ Number: \_\_\_\_\_ District: \_\_\_\_\_

No 2221 Date: \_\_\_\_\_ Sampler: \_\_\_\_\_ N.T.S.: \_\_\_\_\_

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING <i>with</i>	EASTING	SAMPLE DESCRIPTION
A						0.8		2ms wk to mud showing gossan calc at the string
B						0.8		2ms " " " " "
C								
D								
E								
F								
G								
H								
I								
J								
K								
L								
M								
N								
O								
P								

# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

Project Name: \_\_\_\_\_ Number: \_\_\_\_\_ District: \_\_\_\_\_

**N<sup>o</sup>** 2222 Date: \_\_\_\_\_ Sampler: \_\_\_\_\_ N.T.S.: \_\_\_\_\_

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING <small>meters</small>	EASTING	SAMPLE DESCRIPTION
A						0.6		2ms 2190 dis uspy gossan
B						1.0		2ms 1-370 dis uspy gossan
C						1.0		2ms 190 " " "
D						1.0		10cm QU with 2ms 170 dis uspy gossan
E						0.5		30cm QU gossan to uspy
F						1.0		why sheared 2ms to uspy and stringers
G						1.0		2ms 6590 atz stringers
H						1.0		2ms 570 atz stringers w/o gossan
I						1.0		2ms
J						1.0		2ms
K								
L								
M								
N								
O								
P								

# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

Project Name: Mishi Creek Number: 470060 District: Mishibishu

No 2223 Date: June 1999 Sampler: BM RNR Rm N.T.S.: \_\_\_\_\_

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING	EASTING	SAMPLE DESCRIPTION
A	✓					TR-1	width 1.2	40-50% shr sed
B	✓					↓	<del>1.0</del> .7	"
C	✓						1.0	"
D	✓						.6	<del>sed</del> "
E	✓						1.0	50% qtz shr sed
F	✓						.6	" ank
G	✓						1.0	10% qtz porphyry ank
H	✓						.5	shr sed 10% qtz ank
I	✓						1.0	"
J	✓						.7	" 2% ank
K	✓						1.0	" 1% ank
L	✓					1.0	" "	
M	✓					1.5	weak shr sed nearly	
N	✓					1.0	<del>shr</del> porphyry 10% ank	
O	✓					1.0	" "	
P	✓					1.2	porphyry "	



# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

Project Name: Mishi Creek Number: 470060 District: Mishibishu  
 No 2224 Date: June 1999 Sampler: Bm/MR/Rm N.T.S.: \_\_\_\_\_

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING	<del>EASTING</del> width	SAMPLE DESCRIPTION
A	✓ 45					TR-1	1.0	porphyry 10% pg
B	✓ 45					↓	"	shr sed w ank rusty
C	✓ 5	15ch					"	"
D	✓ 6						"	"
E	✓ 45						"	"
F	✓ 13						"	"
G	✓ 45						"	"
H	✓ 555						"	porphyry rusty
I	✓ 159						1.1	"
J	✓ 18						"	strongly shr sed rusty
K	✓ 16						"	" w ank
L	12	10ch						
M	8							
N	20							
O	94							
P	19							

# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

Project Name: Mishi Creek Number: 470060 District: Nishibishu

No 2225 Date: June 1999 Sampler: Bm Rm N.T.S.: \_\_\_\_\_

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	<del>width</del> width	EASTING	SAMPLE DESCRIPTION
A	✓ 17					1.0	TR-1	strongly sh <sub>2</sub> sed ant
B	✓ 127					1.0	↓	" " " of <sub>2</sub> str very w <sub>2</sub>
C	✓ 38				1.0	" " "		
D	✓ 8				1.0	" " "		
E	✓ 24	21ch			1.0	strongly sh <sub>2</sub> sed		
F	✓ 464					1.0	" " "	
G	— — — — —							
H	✓ 55					GRAB		Quartz Boulders from water hole TR-1 1-2% py.
I								
J								
K								
L								
M								
N								
O								
P								

# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

 Project Name: Mishi Creek

 Number: 470060

 District: Mishibishu

 No 2226

 Date: June 25

 Sampler: RWM

N.T.S.: \_\_\_\_\_

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING	EASTING	MCT-08	SAMPLE DESCRIPTION
A	✓ 161							0.9m sed.	
B	✓ 6							0.6m " sheared - weathered.	
C	✓ 19							1.0m " " mod. Fe stain	
D	✓ 25							0.7m "	
E	✓ 25							1.0m Por. mod. Ank.	
F	✓ 22							0.3m Sed.	
G	✓ 18							0.8m Sed. sheared.	
H	✓ 25							1.0m Sed.	
I	✓ 307							1. " sheared, weathered mod. t	
J	✓ 93	stch						0.8m " " " "	
K	✓ 201							1.0m " " " "	
L	✓ 78							1.0m " " " "	
M	✓ 20							1.0m " " mod. Ank.	
N	✓ 28							1.0m " folded ± fine qtz stg-	
O	✓ 59							1.0m " " " "	
P	✓ 25							1.0m " " " "	

# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

 Project Name: Mishi Creek

 Number: 47008

 District: Nishibisho

 No 2227 Date: June 25/26

 Sampler: Rwm / BM

N.T.S.: \_\_\_\_\_

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING	EASTING	MCT-#8	SAMPLE DESCRIPTION
A	✓ 25								1.0m sed. folded 258 qtz stringers.
B	✓ 25								0.5m " "
C	✓ 25	25ch							1.0m " " ± fine qtz stringers
D	✓ 25								0.7m " " " " "
E	✓ 25								0.7m " " 208 " " "
F	✓ 122								0.8m sed sheared & fractured chlorit
G	✓ 320								0.8m " " + 108 qtz bands.
H	✓ 54								0.75m Por " med. Ank
I	✓ 25								0.7m " " " "
J	✓ 252								1.1m sed. weathered sheared.
K	✓ 383								1.15m " " " med. Ank
L	✓ 261	214 ch							1.0m " weathered.
M	✓ 1195								1.0m " "
N	✓ 144								1.2m " " + 50 g por/qtz med.
O	✓ 51								1.0m por. + ≤ 3" qtz vln "
P	✓ 31								0.7m sed. weathered sheared med. A

# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

 Project Name: Mishi Creek

 Number: 470660

 District: Mishibishu

 No 2228 Date: June 26/99

 Sampler: RWM

N.T.S.: \_\_\_\_\_

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING	EASTING	MCT-08	SAMPLE DESCRIPTION
A	✓ 277							1.0m	sed. sheared 80% weathered tr + qtz
B	✓ 408							1.14m	" " 20% " "
C	✓ 148							1.15m	" " 75% " tr qtz
D	✓ 25							1.3 m	" " tr Fe stain
E	✓ 33	25 ch						1.0m	Weak Ank. Por. tr qtz stg.
F	✓ 7							1.0m	mod. " " " " "
G	✓ 25							0.5m	contact Por/sed.
H	✓ 50							1.2m	Weak sheared sed tr py
I	✓ 10							1.0m	" " " " "
J	✓ 9							1.0m	Sheared black mafic.
K	✓ 25							1.1m	" " "
L	✓ 14							1.0m	por.
M	✓ 25							1.15m	por./sed contact tr Ank qtz:
N	✓ 11	36 ch						1.0m	sed tr. Ank qtz stg.
O	✓ 29							1.0m	"
P	✓ 28							1.0m	" sheared.

# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

Project Name: Mishi Creek Number: 470060 District: Mishibishu

No 2229 Date: June 26th/1999 Sampler: RWM N.T.S.: \_\_\_\_\_

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING	EASTING	MCT- #8	SAMPLE DESCRIPTION
A	✓ X53								1.05m sed.
B	✓ 25								1.35m sed. tr. Ank Qtz stg.
C	✓ 25								1.0m " - wk shearing
D	✓ 25								1.0m " - wk ank.
E	✓ 25								0.8m "
F	✓ 25								0.8m "
G	✓ 7	llch							1.35m " fractured/ por.
H	✓ 25								0.6m chloritic sed. sheared.
I	✓ 119								1.0m sed. folded ±qtz Ank stg ±wk Fe
J	✓ 24								0.9m " " sheared. " "
K	✓ 53								0.7m Por. weak Ank.
L	✓ 25								1.0m Sed. <sup>tight</sup> Add noses ±qtz stg.
M	✓ 25								0.5m " " " " " "
N	✓ 5								1.0m " weak to mod. shearin
O	✓ 7								0.6m " mod. to strong shearing <sup>±2</sup> ±qtz
P	✓ 25	llch							1.0m " " " " " ±qtz Ank

# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

Project Name: Mishi Creek Number: 470060 District: Mishibishu  
 No 2230 Date: June 27th/99 Sampler: Bm/Rm N.T.S.: \_\_\_\_\_

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING	EASTING	MCT-08	SAMPLE DESCRIPTION
A	✓ 15								1.0m sed. sheared moderate Ank.
B	✓ 319								0.6m " weathered sheared
C	✓ 419								1.0m " weathered <del>sed</del> , folded, qtz Ank pc <sup>30%</sup>
D	✓ 215								0.5m " " 80% qtz Ank pods, fsk
E	✓ 282								1.0m " " 15% qtz Ank pods, fsk
F	✓ 9								1.5m ank por 20% qtz 1% py v.
G	✓ 45								1.1m ank por. / sed contact
H	✓ 45								1.0m ank por.
I	✓ 45	45ch							0.9m sed folded ± qtz sty.
J	✓ 45								1.0m " " ± " "
K	✓ 45								1.0m " " " "
<del>L</del>									
<del>M</del>									
<del>N</del>									
<del>O</del>									
<del>P</del>									

# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

 Project Name: Mishi Creek

 Number: 470 060

 District: Mishibishu

 No 2231 Date: June 27/99

 Sampler: RWM

N.T.S.: \_\_\_\_\_

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING	EASTING	McT-11	SAMPLE DESCRIPTION
A	✓ 49							1.0m	sheared sed - minor qtz stg
B	✓ 54							1.0m	" " " " "
C	✓ 115							0.55m	" " " " "
D	✓ 21							1.2m	" " " " "
E	✓ 15							1.0m	" " " " "
F	✓ 38							0.7m	" " " " "
G	✓ 25	29 ch						1.0m	" " " " "
H	✓ 25							1.0m	" " " " "
I	✓ 7							0.6m	" " " " "
J	✓ 867							1.15m	" " " " "
K	✓ 252							1.0m	" " " " "
L	✓ 182							0.5m	50% qtz glassy gray - white.
M	✓ 18							1.0m	sheared sed - qtz stg
N	✓ 34							1.1m	" " " " "
O	✓ 161							1.0m	Porphyry plug minor qtz stg
P	✓ 83	63 ch						0.65m	Sheared sed. minor qtz stg



# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

Project Name: Mishi Creek Number: 470060 District: Mishibishu

No 2232 Date: June 27/99 Sampler: RWM N.T.S.: \_\_\_\_\_

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING	EASTING	MCT- II	SAMPLE DESCRIPTION
A	8								1.1m sheared sand minor gtz stg
<del>B</del>									
<del>C</del>									
<del>D</del>									
<del>E</del>									
<del>F</del>									
<del>G</del>									
<del>H</del>									
<del>I</del>									
<del>J</del>									
<del>K</del>									
<del>L</del>									
<del>M</del>									
<del>N</del>									
<del>O</del>									
<del>P</del>									

# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

 Project Name: Mishi Creek.

 Number: 470060

 District: Mishibishu

No 2233

 Date: June 28/99

 Sampler: RWM

N.T.S.:

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING	EASTING	MCT# 10	SAMPLE DESCRIPTION
A	✓ 25							1.4m	ank por.
B	✓ 22							0.4m	shr. sed. ank.
C	✓ 25							1.0m	" " "
D	✓ 25							0.7m	Sed.
E	✓ 8							0.9m	mod. sheared sed. minor Ank qtzs
F	✓ 25							1.2m	shr. sed. ank. 10% white Qtz
G	✓ 25							0.6m	" " " 20-30% " " "
H	✓ 25	25ch						1.2m	shr. " minor ank
I	✓ 25							1.0m	" " + Ank Por.
J	✓ 20							0.9m	mod. shr. sed. ank
K	✓ 64							1.5	" " " " qtz st
L	✓ 25							1.0	sed
M	✓ 25							1.0	shr. sed. minor qtz Ank stg
N	✓ 25							1.0	sed. minor ank
O	✓ 25							1.0	mod. shr. sed. ank
P	✓ 87							1.2	shr. sed ank minor qtz stg

# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

 Project Name: Mishicuk

 Number: 470560

 District: Mishibishu

 No 2234

 Date: June 28/99

 Sampler: Rwm.

N.T.S.: \_\_\_\_\_

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING	EASTING	MCT-#10	SAMPLE DESCRIPTION
A	✓ 36	42ch						1.0 m	strongly sheared sed ank.
B	✓ 84							0.8 m	" " " "
C	✓ 17							1.0 m	mod. shr. sed. ank
D	✓ 25							1.1 m	" " " "
E	✓ 138							1.0 m	strongly shr sed. ank. rusty
F	✓ 25							0.8 m	sheared <del>sed</del> sed. ank.
G	✓ 25							1.0 m	" " "
H	✓ 104							1.0 m	strongly sheared sed ank, minor qtz st
I	✓ 7							1.0 m	" " "
J	✓	re 6ch						1.25 m	mod. sheared sed. minor qtz
K	✓ 25							0.8 m	mod sheared sed.
L	✓ 18							1.0 m	strong sheared sed. rusty, minor qt
M	✓ 450							1.0 m	" " ank calcite
N	✓ 50							0.65 m	strong. " " trpy
O	✓ 132							0.9 m	mod. " " trpy ± 18 aspy
P	✓ 93							0.55 m	Mod. " " " " , 209c

# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

 Project Name: Mishi Creek.

 Number: 470060

 District: Mishibishu

No 2235

 Date: June 29<sup>th</sup> 99

Sampler: \_\_\_\_\_

N.T.S.: \_\_\_\_\_

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING width	EASTING	SAMPLE DESCRIPTION
A	✓ 10					1.0 m	TR-9	50% 7QFP 40% sheared Sst 10% Qtz 1% aspy
B	✓ 26					1.0	}	sheared 7QFP 10-15% Qtz 2-3% aspy 10% Sst
C	✓ 31	sch				1.0		sheared Sst 6-7QFP 1-2% aspy 20% Qtz
D	✓ 167					1.0		sheared Sst 7% Q.V. rusty + aspy
E	✓ 9					1.0		mud sheared Sst 1-2% Qtz stringers 5% ank on
F	✓ 45					0.7		wk shear Sst 2% ank rusty
G	✓ 201					1.0		strong shear Sst 7QFP rusty
H	✓ 123					1.3		7QFP +- 1% ank
I	✓ 45					1.0		Sst silid 1% aspy
J	✓ 18					0.7		Sst wk shear 1% ank
K	✓ 39					0.8		QV within 20% QFP shear 5% ank
L	✓ 8	sch				1.3		sheared Sst rusty 1% ank
M	✓ 58					1.0		7QFP 5% ank 1% aspy
N	✓ 12					1.1		wk shear Sst 5% ank
O	✓ 45					1.6		strong shear Sst rusty
P	✓ 45					1.0		very strong shear Sst rusty

# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

Project Name: Mishi Creek Number: 470060 District: Mishibishu

No 2236 Date: June 1999 Sampler: RM/RM N.T.S.: \_\_\_\_\_

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING width	EASTING	SAMPLE DESCRIPTION
A	✓ 15					1.2 m	TR-9	strong shear sst rusty with 20% Qtz veinings 5% ank
B	✓ 12					0.45 m		strong shear sst rusty
C	✓ 99				1.0	strong shear sst sst 5% ank 30% Qtz veinings rusty		
D	✓ 40				1.0	strong shear sst rusty		
E	✓ 37	40ch			1.0	as above		
F	✓ 11					1.0	" "	
G	✓ 27					1.0	" "	
H	✓ 6					1.0	sheared sst 1% ank	
I	✓ 8					1.0	strong, sheared sst 5% ank	
J	✓ 151					1.0	strong sheared sst 5% ank local silicification 27% Qtz	
K	✓ 154					1.0	strong sheared sst 5% ank 20% Qtz veinings rusty	
L	✓ 24					1.0	70% Qtz w/ 20% Qtz strongly sheared sst 1-2% ank	
M	✓ 66					1.5	sheared sst 5% ank mostly 1% Qtz strongers	
N	✓ 89	69ch				1.5	strongly sheared sst 5% ank rusty	
O	✓ 489					1.5	as above	
P	✓ 130					1.0	wk, low sst 10% Qtz rusty 1% ank	

# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

Project Name: Mishi Creek Number: 470060 District: Mishibishu  
 No 2237 Date: June 1999 Sampler: Bm/RM N.T.S.: \_\_\_\_\_

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING width	EASTING	SAMPLE DESCRIPTION
A	✓ 78					1.0 m	TR-9	strong sheared sst 590 ank
B	✓ 25					1.0	↓	as above
C	✓ 95					1.5		" "
D	✓ 5					1.0		wk shear sst
E	✓ 28					1.0		strong shear sst 590 ank
F	✓ 31					1.0		as above
G	✓ 32	77ch				1.0		mud shear sst 1-270 ank
H	✓ 58					1.0		very wk shear sst 590 ank stringers
I	✓ 65					1.0		wk to strong shear sst 590 atz veinlets 590 ank
J	✓ 31					1.0		very strong shear sst rusty mud
K	✓ 43					0.65		as above
L	✓ 48					1.4		7 app to uspy 270 ank stringers
M	✓ 46					1.0		strongly sheared sst 570 atz veins rusty 590
N	✓ 57					1.0		as above
O	✓ 730					0.6		very strongly sheared sst rusty mud
P	✓	RE 85ch				1.0		as above with 590 QFP

# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

Project Name: Mishi Creek Number: 470060 District: Mishibishu

No 2238 Date: June 1999 Sampler: Bm/Rm N.T.S.:

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING width	EASTING	SAMPLE DESCRIPTION
A	✓ 166					1.0	TR-9	strongly sheared sst 1-2% ank
B	✓ 78					1.0	↓	as above
C	✓ 107				1.0	" "		
D	✓ 69				1.0	strongly sheared sst 4% QFP & Qtz		
E	✓ 119				1.0	strong shear sst 1-2% ank		
F	✓ 228				1.0		as above	
G	✓ 34				1.0		" "	
H	✓ 46				1.0		" "	
I	✓ 101	138 ch				1.0	" "	
J	✓ 26					0.8	" "	
K								
L								
M								
N								
O								
P								

# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

Project Name: Mishi Creek Number: 470060 District: Mishibisho

No 2239 Date: June 1999 Sampler: Bm/Rm N.T.S.:

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING width	EASTING	SAMPLE DESCRIPTION
A	✓ 6					1.0	TR-2	20% QU/stringers within sheared Sst mostly
B	✓ 6					1.0	↓	40% QU/stringers " " " "
C	✓ 4				1.0	30% " " " " " "		
D	✓ 35				1.0	strongly sheared Sst 17% ank		
E	✓ 48				1.0	strongly " " " 57% ank		
F	✓ 129				1.0	mod to strong sheared Sst 57% ank		
G	✓ 322	33Sch				0.85		sheared Sst with 20% Q.V.'s 1-2% wspy
H	✓ 1167					1.0		" " " 30% " 5% wspy
I	✓ 22					1.0		" " tr wspy
J	✓ 84					1.1		" " " " 1-2% ank
K	✓ 15					0.7		strongly sheared Sst mostly
L	✓ 633					1.0		" " " tr py 10% ank
M	✓ 4					1.0		mod sheared Sst tr py 1-2% ank
N	✓ 4					1.2		as above
O	✓ 105					1.0		" "
P	✓ 11	8ch				1.0		mod sheared Sst with 15% Qtz tr py 50% an



# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

Project Name: Mishi Creek Number: 470060 District: Nishibishu

No 2240 Date: June 1999 Sampler: Bm/Rm N.T.S.: \_\_\_\_\_

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING <i>width</i>	EASTING	SAMPLE DESCRIPTION
A	✓ 29					0.8m	TR-2	strong sheared Sst sm at 2 veins, to py rusty
B	✓ 25					1.0m	↓	sheared Sst with 209.20/striations to py
C	✓ 25					1.0m		as above
D								
E								
F								
G								
H								
I								
J								
K								
L								
M								
N								
O								
P								

# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

Project Name: MISHI CREEK Number: 470060 District: \_\_\_\_\_

No 2251 Date: MAY 12/99 Sampler: \_\_\_\_\_ N.T.S.: \_\_\_\_\_

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING	EASTING	SAMPLE DESCRIPTION
A	88					110+05	5400E	Zu, CAL, [Py] +QTZ
B	25					110+08	5400E	Zu, CAL, [Py]
C	7					110+25	5400E	7 QFP, SAR, QU
D	25					110+50	5400E	Zu SIL Py
E	25		x			111+50	5600E	Zu CAL W.R.K
F	17					108+90	5600E	7QFP Sar Py
G	25		x			103+25	5600E	Zu, Py W.R.K
H	25					103+75	5800E	5ST [Py] QU
I								
J								
K								
L								
M								
N								
O								
P								

# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

Project Name: MISHI CREEK Number: 470060 District: \_\_\_\_\_

No 2252 Date: MAY 14/99 Sampler: R. Kusins N.T.S.: \_\_\_\_\_

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING	EASTING	SAMPLE DESCRIPTION
A	30					111400N	70400E	Zu, CAL
B	25					111425N	70400E	Zu, CAL, Py, Po
C	25					113400N	70400E	Zu, CAL, Py
D	25					105445N	70400E	7QEP SIL
E	65	62				106420N	68400E	7QEP SIL QU
F	13					108460N	68400E	7QEP SIL Py
G	5					110450N	6800E	5GW SER, CAL, CH, Py
H	42					111480N	6800E	Zu CAL Py
I	25					112450N	6800E	Zu, CAL, ANK
J	9					113440N	6600E	Zu, CAL, Py
K	392					112480N	6600E	QTz
L	25					111435N	6600E	Zu ANK Py
M								
N								
O								
P								

# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

Project Name: MISHT CREEK Number: 2253 District: \_\_\_\_\_

No 2253 Date: MAY 13/99 Sampler: R.K. N.T.S.: \_\_\_\_\_

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING	EASTING	SAMPLE DESCRIPTION
A	23					111+25N	5800E	Zu, ANK [Py] Asp
B	25					111+30N	5800E	Zu ANK [Py] [Asp]
C	25					111+35N	5800E	Zu ANK [Py]
D	8					112+60N	6000E	7FP, SER, Py
E	25					111+95N	6000E	Zu ANK [Py]
F	25					111+05	6000E	Zu ANK
G	25					105+30	6200E	Zu, CAL, Py
H	83		104			108+40	6400E	5ST, Py, GV
I	31					106+60	6600E	7QFP, SIL, Py
J	84					106+75	6600E	7QFP, SIL, Py
K	88					108+00	6600E	7QFP, SIL, [Py]
L								
M								
N								
O								
P								

# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

Project Name: MUSHT CREEK Number: 470060 District: \_\_\_\_\_

No 2254 Date: MAY 15/99 Sampler: R. KUSINS N.T.S.: \_\_\_\_\_

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING	EASTING	SAMPLE DESCRIPTION
A	10					2103+50N	160+00	5GW, SEA, PY
B	9					"	"	"
C	6					"	"	"
D	24					SPT-14		QTE FLOAT ON SIDE OF TRENCH
E	78					SPT-14		70PP SIL PY
F	L5	L5				MLT-14		5ST, SIL - FLOAT ON EDGE OF TRENCH
G	<del> </del>							
H	<del> </del>							
I								
J								
K								
L								
M								
N								
O								
P								

# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

Project Name: MISHI CREEK Number: 470060 District: \_\_\_\_\_

No 2255 Date: MAY 16/99 Sampler: \_\_\_\_\_ N.T.S.: \_\_\_\_\_

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING	EASTING	SAMPLE DESCRIPTION
A	5					105470N	5400E	5GW, Py
B	72					105450N	5400E	5GW, Py, QU
C	<del>10</del> 45					102400N	5300E	3 D, Py, Ser
D	10					104440N	5300E	7FP, SIL, QU
E	45					104445N	5300E	7FP, SIL, QU
F	5					104445N	5305E	5GW, QU
G	8	45				104440N	5305E	7FP, SIL, QU
H	32					105400N	5300E	5GW, QU, Ser
I	<del>8</del> 45					106400N	5300E	H-TREUCH 2FB, ANK
J	8					104475N	5500E	2MS, (ANK)
K	45					103475N	5500E	5GW, Ser
L	19					103425	5500E	QTz FLOAT
M	45					103485	5200E	5GW, QU
N	18					105435	5200E	5GW+QU, [Py]
O	45					105435	5200E	" " "
P	43					105440	5190E	2MS [Py]

# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

Project Name: MIGHT CREEK Number: 470060 District: \_\_\_\_\_

No 2256 Date: MAY 17 / 99 Sampler: R. KUSINS N.T.S.: \_\_\_\_\_

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING	EASTING	SAMPLE DESCRIPTION
A	1432	1652						ML 88-3 @ 27.5m QUARTZ VEIN W 220 ASO
B	25					109412	2650E	2u, ANK
C	10					10945	2650E	56W, ANK
D	915					DORSET MAIN TRENCH		D.Z. AB, ANK, [P4], ASO
E	620					DORSET MAIN TRENCH		D.Z. AB, ANK, [P4], ASO
F								
G								
H								
I								
J								
K								
L								
M								
N								
O								
P								

## BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

Project Name: MISSE CREEK Number: 470060 District: \_\_\_\_\_

No 2257 Date: \_\_\_\_\_ Sampler: \_\_\_\_\_ N.T.S.: \_\_\_\_\_

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING	EASTING	SAMPLE DESCRIPTION
A								
B	10					126+25N	17+00E	L17E / 126+25N 5GW, Cal, CV, Py
C	24					125+75N	17+00E	7FP, SIL, Ser, QV
D	261					124+65N	17+00E	5GW, Ser, Py
E	LS					123+85N	17+00E	Zu, CAL, CV, Py
F	5					123+35N	17+00E	Zu, CAL, Ser, Py, QV
G	LS					123+35N	17+00E	QTA FLOTT
H	15					122+75N	17+00E	Zu, CAL
I	LS					122+00N	17+00E	Zu, ANK, Py
J	14					121+10N	17+00E	Zu, CAL, Py
K	162	109ch				117+70N	17+00E	5GW, Ser, QV, Py
L	15					116+80N	17+00E	7FP, SIL
M	340					116+15N	17+00E	5ST, ANK, Ser
N	LS					114+00N	17+00E	5GW, QV, Py
O	LS					113+75N	19+00E	7FP, SIL, Ser, Py
P								



# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

Project Name: MISHI CREEK Number: \_\_\_\_\_ District: \_\_\_\_\_

No 2258 Date: June 3 / 99 Sampler: B. Kusins N.T.S.: \_\_\_\_\_

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING	EASTING	SAMPLE DESCRIPTION
A	9					119+35N	121+00E	Zn, Ca, Py
B	LS					122+85N	121+00E	Zn, ANK, Py
C	LS					126+00N	119+00E	Zn, CAL
D	5					121+90N	121+00E	ZMS, CAL, Py
E	LS	LSch				114+90	121+00E	56W, QV
F	6					111+00N	121+00E	56W, QV
G	LS					110+95N	123+00E	5ST, Ser, Py, QV
H	32					113+50N	123+00E	5ST, Ser, QV
I	LS					117+35N	123+00E	Zn, CAL
J								
K								
L								
M								
N								
O								
P								

# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

Project Name: MILSHT CREEK Number: \_\_\_\_\_ District: \_\_\_\_\_

No 2259 Date: JUNE 4/99 Sampler: B. KUSIMS N.T.S.: \_\_\_\_\_

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING	EASTING	SAMPLE DESCRIPTION
A	LS					1970N	2475E	ZMS [CAL] Py, Asp
B	6					2035N	2500E	ZU CAL, Fe
C	LS					2155N	2500E	Zu, Cal, Cu, Py
D	LS					2185N	2500E	Zu, CAL, ASP, Py
E	LS	LSch				2200N	2850E	QTZ, <sup>MINERALIZED</sup> Asp, Py, Crpy
F	LS					2200N	2850E	Qtz, Minor Asp
G	LS					2170N	2700E	Zu, Cal, Py
H	LS					1910N	2700E	ZP, CAL
I	LS					1540N	2700E	ZP, ankw, Py
J								
K								
L								
M								
N								
O								
P								

# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

Project Name: Mishi Creek Number: 470060 District: \_\_\_\_\_

No 2261 Date: May 12/99 Sampler: MR N.T.S.: \_\_\_\_\_

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING	EASTING	SAMPLE DESCRIPTION
A	x 25					111+75	5500	2ms - Chlor Ser Calc -gossan
B	x 17					114+10	54+90	2ms - <del>Dior</del> Calc Py
C	x 493					113+85	54+75	2ms Calc Py
D	x 10					110+95	57+00	2ms Calc Py
E	x 5					109+00	57+50	3d Calc Py
F	x 25					111+95	58+90	2ms CALC gossan
G	x 25	12ch				113+65	60+85	2ms - Shear - CALC
H	x 8					112+45	61+95	QU - Py
I	x 6					112+45	61+95	2u - shear-CALC - Py
J	x 25					112+48	62+15	QU - Py
K	x 25					106+10	59+05	2u - CALC - Py wk gossan
L	x 25					111+75	61+02	3d - Calc gossan silicified
M	x 29					112+70	61+03	2u - wky shrd Calc Py
N	x 15					111+65	61+60	3d - Epidote sil'd Calc wk shear
O	x 51					104+45	62+50	2u - 5% Qtz stringers Py
P	x 25	25ch				104+05	63+20	2u 5% Ank stringers? Py

# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

Project Name: Mishi Creek Number: 470060 District: \_\_\_\_\_

No 2262 Date: May 17/99 Sampler: MP N.T.S.: \_\_\_\_\_

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING	EASTING	SAMPLE DESCRIPTION
A	x 45					103+90	62+85	6G 1-2% Cpy
B	x 9					103+95	62+90	2u tr Cpy
C	x 45					106+52	63+01	2u CALC gossan wk sil'd
D	x 45					109+20	63+10	8u - Py
E	x 994					110+55	63+80	QU - sheared 1-2% Py 20% mafic?
F	x 45		x .			110+80	62+85	3d - sil'd ser Py whole rock
G	x 45					110+75	62+90	3d/2ms sheared contact 1% may tr Cpy tr Py
H	x 280					110+55	63+97	4c - sheared rusty 10% Py
I	x 47					111+05	64+70	4c - sheared contact with mafic 5% Py
J	x 45	Sch				111+00	64+40	2u/3d - sheared contact 5% Py
K	x 172					111+75	64+70	2u - sheared rusty 1-2% Py
L	x 7					111+85	64+70	2ms - sheared rusty tr Py
M	x 628					112+90	65+70	QU - rusty 1-2% Py with 5st
N	x 7					109+95	68+98	2u - rusty wk Calc
O	x 177					110+50	69+15	2u - rusty weakly sheared?
P	x 1344					107+40	68+80	QU - 1-2% hematite tr Py rusty with 7QFP

# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

Project Name: Mishi Creek Number: 470060 District: \_\_\_\_\_

No **2263** Date: May 17/99 Sampler: WR N.T.S.: \_\_\_\_\_

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING	EASTING	SAMPLE DESCRIPTION
A	x 9					107+15	69+20	Zn - contact near TQFP strong sil'd rusty
B	x 45					103+05	68+90	Zn - strong sheared rusty
C	x 219					103+05	68+25	Zn - 5% PY rusty
D	x <del>8</del> 45		x			109+83	65+01	7 fp - whole rock
E	x 8					106+00	64+80	Zn - wk calc rusty
F	x 45					103+40	64+85	Zn - ser tr Py
G	x 45	45ch				106+70	49+73	QU within Sgw rusty n.v.s.
H	x 10					106+50	49+75	QU within Sgw loc. ser alt
I	x 45					106+50	49+65	QU within Sgw tr Py
J	x 7					105+90	49+90	4c/QU tr Py rusty
K	x 63					105+85	49+90	Sgw sheared rusty
L	x 45		x			100+40	49+98	7fp
M	x 45		x			100+25	48+50	7fp tr Py
N	x 15					100+10	48+95	Zms - sheared 30% atz/calc alt local gossan
O	x 45					099+50	51+25	Zms sheared 20% atz/calc alt local gossan
P	x							

# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

Project Name: Nishi Creek Number: 470060 District: \_\_\_\_\_

No 2264 Date: June 4 Sampler: MR N.T.S.: \_\_\_\_\_

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING	EASTING	SAMPLE DESCRIPTION
A	x 6					113+90	20+05	7 Qfp - tr to 4% uspy
B	x 49					113+74	19+90	5st - sil'd 1cm Qtz stringer 4% uspy rusty wk shear
C	x 12					111+67	20+05	5st - 20% Qtz veinlets rusty
D	x 5					121+95	17+99	5ar - shear very rusty 1% py
E	x 45					122+45	18+15	5st shear very rusty
F	x 15					123+55	17+90	2ms - calc 1% py
G	x 45	45 ch				120+60	20+00	2ms shear 4% py local rust local calc stringers
H	x 45					114+76	22+00	2ms sheared local 20% Qtz CALC
I	x 45					111+45	22+00	2ms strong shear 4% py rusty
J	x 107					111+18	22+00	2ms strong shear rusty
K	x 45					111+10	22+05	2ms strong shear rusty sugar Qtz stringers
L	x 45					107+30	21+35	QU 20cm wide 5% calc stringers
M	x 45					109+64	24+00	2ms - shear very rusty calc/ank stringers
N	x 28					109+86	24+00	QU 10cm to 1m wide very rusty local calc stringers
O	x 219					109+87	24+00	2ms strong shear very rusty silicified
P	41	38 ch				120+00	23+30	2ms - strong shear 50% Qtz veins gossan

# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

Project Name: Mishi Creek Number: 470060 District: \_\_\_\_\_

No 2265 Date: June Sampler: MRP N.T.S.: \_\_\_\_\_

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING	EASTING	SAMPLE DESCRIPTION
A	LS x					115+10	26+10	2ms - strong shear gossan hematite
B	LS					115+51	28+00	2ms mod shear gossan CALC
C	LS					112+80	28+03	3d - silicified Calc mod shear
D	81					111+25	17+50	2ms strong shear gossan
E	6					111+00	17+60	5ar strong shear gossan tr py
F	LS					110+50	17+80	2ms strong silicification 60% Qtz/calc flood gossan
G	5					109+00	19+40	2ms weak shear gossan 5% calc 1% py
H	LS	LSch				109+60	19+65	2ms gossan calc stringers
I	LS					106+85	20+00	2ms moderate shear gossan CALC calc stringers
J	LS					113+90	19+20	Sst/Sar deformed argillitic bands gossan
K	11					121+26	15+99	Sst sheared 5-10% Qtz stringers/flood gossan
L	18					123+00	16+15	7fp - silicified contact with sheared Sst CALC 17% agn/py
M	22					123+15	16+10	7fp - gossan 5-10% Qtz stringers 17% agn/py
N	LS					123+15	16+10	Sst - sheared strong silicified tr py Qtz stringers calc
O	13					123+15	16+01	Sst - sheared CALC 10% Qtz 1-2% agn
P	28					123+37	16+03	4c - sheared Qtz vns/floods gossan

## BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

Project Name: Mishi Creek Number: 470060 District: \_\_\_\_\_

N<sup>o</sup> 2266 Date: June Sampler: WR N.T.S.: \_\_\_\_\_

SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING	EASTING	SAMPLE DESCRIPTION
A	6 x	6ch				124+75	16+01	Qtz v. within 4c tr-17opy
B	CS x					123+75	16+15	4c -sheared 10% Qtz vns 17opy gossan
C	11 x					124+40	15+60	Sst -cherty horizon gossan
D	CS x					124+47	15+60	QU -within Sst gossan
E	CS x					124+00	14+90	Sst -strong shear 17opy/epv
F	21 x					124+00	14+90	QU within shear Sst 17opy/epv
G	CS x					120+00	15+24	Sst sheared trpy 5-10% Qtz stringers gossan
H	CS x					120+75	14+75	Sst sheared gossan Qtz veinlet
I	CS x					120+91	15+00	Sst 10% Qtz stringers gossan
J	15 x					117+45	17+25	QU -within Sst -sheared 1-2% Py/epv
K	CS x					118+85	15+80	Sst -sheared gossan tr local Qtz stringers
L	CS x					115+25	14+70	2ms deformed 10-20% Qtz banding gossan
M	CS x					116+00	14+50	Sst -deformed 10% Qtz wnk veinlets/banding trpy
N	CS x					119+80	14+97	Sst strong shear gossan tr Qtz stringers
O								
P								



# BATTLE MOUNTAIN GOLD - SAMPLE RECORD SHEET

Project Name: MISHI CREEK Number: 470060 District: \_\_\_\_\_

No 2270 Date: June 5/99 Sampler: B. Kusins N.T.S.: \_\_\_\_\_

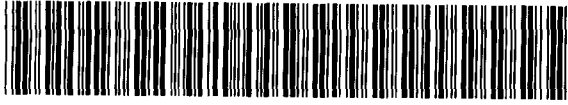
SAMPLE #	AU P.P.B.	AU O.P.T.	W.R.	ICP	REP	NORTHING	EASTING	SAMPLE DESCRIPTION
A	LS					11715N	2850E	2u, CAL, Ser PY, Asp GR?
B	LS					10800N	2300E	5Gw, Py
C	LS					11895N	2410E	2u, [CAL], PY, Asp
D	LS					11825N	2100E	5st, QV
E	LS	LSch				11805N	2135E	7FP, Sil, Ser, Py
F								
G								
H								
I								
J								
K								
L								
M								
N								
O								
P								



Declaration of Assessment Work Performed on Mining Land

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

Transaction Number (office use)
119950.00105
Assessment Files Research Imaging



42C03SW2008 2.19955 MISHIBISHU LAKE 900

Section 65(2) and 66(3) of the Mining Act. Under section 8 of the Mining Act, this report work and correspond with the mining landholder. Questions about this collection contact the Ministry of Northern Development and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

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

2.19955

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

Table with 2 columns: Client Information (Name, Address, Timmins, Ontario) and Contact Information (Client Number, Telephone Number, Fax Number). Entries include BATTLE MOUNTAIN CANADA LTD. and MURGOR RESOURCES INC.

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

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

Work Type: Geological Mapping, Prospecting, Soil Geochem Survey, Trenching
Office Use: Commodity, Total \$ Value of Work Claimed (124,006), NTS Reference, Mining Division (South St. Marie), Resident Geologist District (Timmins)

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

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

Table with 2 columns: Name and Contact Information (Telephone Number, Fax Number, Address). Entry includes Robert Kusins.

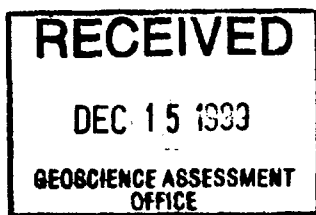
4. Certification by Recorded Holder or Agent

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

Signature of Recorded Holder or Agent: Wayne Corstorphine
Date: December 13, 1999
Agent's Address: Box 1205, 60 Shirley St. South Timmins, Ontario P4N 7J5
Telephone Number: (705) 268-9600
Fax Number: (705) 268-9572

0241 (03/97)

Deemed March 14/2000



527

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

W9950.00105

Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.	Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim.	Value of work assigned to other mining claims.	Bank. Value of work to be distributed at a future date
eg TB 7827	16 ha	\$26,825	N/A	24,000	\$2,825
eg 1234567	12	0	\$24,000	0	0
eg 1234568	2	\$ 8,892	\$ 4,000	0	\$4,892
1 SSM 1208156	15	\$10,220	0	0	\$10,220
2 SSM 1208157	12	\$11,101	0	0	\$11,101
3 SSM 1208160	3	\$11,711	0	0	\$11,711
4 SSM 1208195	12	\$38,357	0	0	\$38,357
5 SSM 1208197	6	\$8,644	0	0	\$8,644
6 SSM 1216924	8	\$6,183	0	0	\$6,183
7 SSM 1216925	9	\$5,214	0	0	\$5,214
8 SSM 1217093	12	\$8,314	0	0	\$8,314
9 SSM 1224839	2	\$8,200	0	0	\$8,200
10 SSM 1231712	9	\$8,440	0	0	\$8,440
11 SSM 1231927	1	\$7,622	0	0	\$7,622
12					
13					
14					
15					
<b>Column Totals</b>	<b>89</b>	<b>\$124,006</b>	<b>0</b>	<b>0</b>	<b>\$124,006</b>

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

Signature of Recorded Holder or Agent Authorized in Writing  
*Wayne Corstorphine*

Date December 13, 1999

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

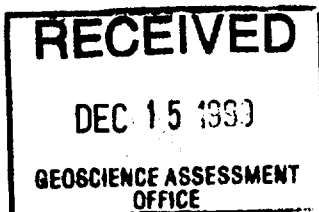
Some of the credits claimed in this declaration may be cut back. Please check (✓) in the boxes below to show how you wish to prioritize the deletion of credits:

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

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

**For Office Use Only**

Received Stamp



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



Ontario

Ministry of Northern Development and Mines

Statement of Costs for Assessment Credit

Transaction Number (office use) W9950.00105

Personal information collected on this form is obtained under the authority of subsection 6 (1) of the Assessment Work Regulation 6/96. Under section 8 of the Mining Act, this information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to a Provincial Mining Recorder, Ministry of Northern Development and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

Table with 4 columns: Work Type, Units of work, Cost Per Unit of work, Total Cost. Rows include Geological Mapping, Geological Compilation/Drafting/Reporting, Prospecting, Soil Sampling, Trenching, Camp Labour Costs, Assay Costs, Associated Costs, Transportation Costs, and Food and Lodging Costs. Total Value of Assessment Work: \$124,006.

RECEIVED DEC 15 1993 GEOSCIENCE ASSESSMENT OFFICE

Calculations of Filing Discounts:

- 1. Work filed within two years of performance is claimed at 100% of the above Total Value of Assessment Work.
2. If work is filed after two years and up to five years after performance, it can only be claimed at 50% of the Total Value of Assessment Work.

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

Note:

- Work older than 5 years is not eligible for credit.
- A recorded holder may be required to verify expenditures claimed in this statement of costs within 45 days of a request for verification and/or correction/clarification.

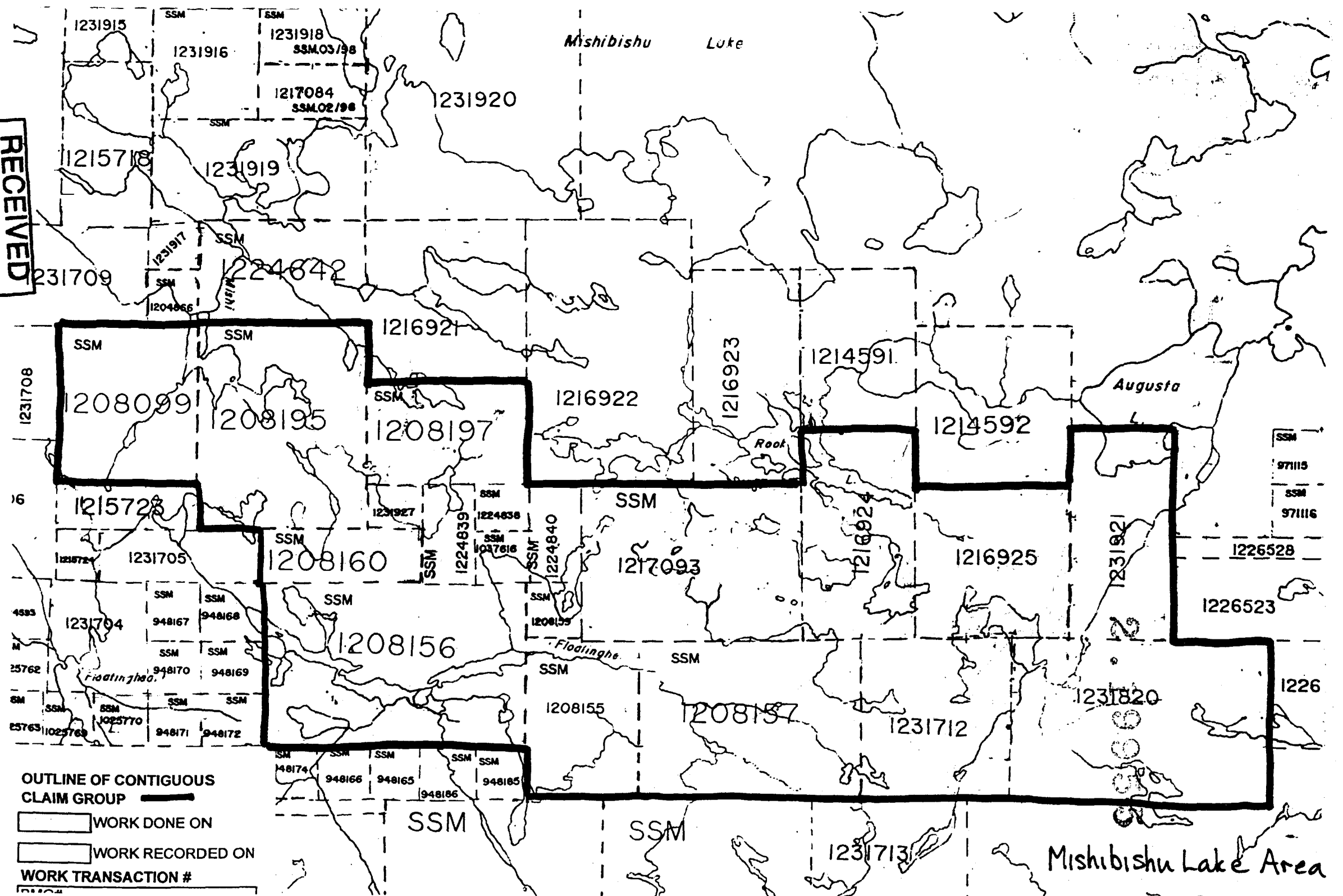
Certification verifying costs:

I, Wayne Corstorphine, do hereby certify, that the amounts shown are as accurate as may reasonably be determined and the costs were incurred while conducting assessment work on the lands indicated on the accompanying

Declaration of Work form as Agent, Lands Manager I am authorized to make this certification. (recorded holder, agent, or state company position with signing authority)

Signature: Wayne Corstorphine Date: December 13, 1999

RECEIVED  
DEC 15 1993



OUTLINE OF CONTIGUOUS CLAIM GROUP

WORK DONE ON

WORK RECORDED ON

WORK TRANSACTION #

SSM

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

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

March 9, 2000

BATTLE MOUNTAIN CANADA LTD.  
ROYAL TRUST TOWER, SUITE 2500, P.O. BOX 248  
TORONTO-DOMINION CENTRE 77 KING ST. W.  
TORONTO, ONTARIO  
M5K-1J5

Visit our website at:  
[www.gov.on.ca/MNDM/MINES/LANDS/mlsmnpge.htm](http://www.gov.on.ca/MNDM/MINES/LANDS/mlsmnpge.htm)

Dear Sir or Madam:

**Submission Number:** 2.19955

**Status**

**Subject: Transaction Number(s):** W9950.00105 Approval

---

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

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

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

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

Yours sincerely,



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

# Work Report Assessment Results

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**Submission Number:** 2.19955

**Date Correspondence Sent:** March 09, 2000

**Assessor:** BRUCE GATES

---

<b>Transaction Number</b>	<b>First Claim Number</b>	<b>Township(s) / Area(s)</b>	<b>Status</b>	<b>Approval Date</b>
W9950.00105	1208156	MISHIBISHU LAKE	Approval	March 08, 2000

**Section:**

12 Geological GEOL  
13 Geochemical GCHEM  
10 Physical PSTRI  
10 Physical PMAN

**Correspondence to:**

Resident Geologist  
South Porcupine, ON

Assessment Files Library  
Sudbury, ON

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

Wayne Corstorphine  
TIMMINS, ONTARIO, CANADA

BATTLE MOUNTAIN CANADA LTD.  
TORONTO, ONTARIO

MURGOR RESOURCES INC.  
MONTREAL, QUEBEC

PIERRE GAGNE  
THUNDER BAY, Ontario

AUDREY ELIZABETH TRAVERSE  
THUNDER BAY, ONTARIO

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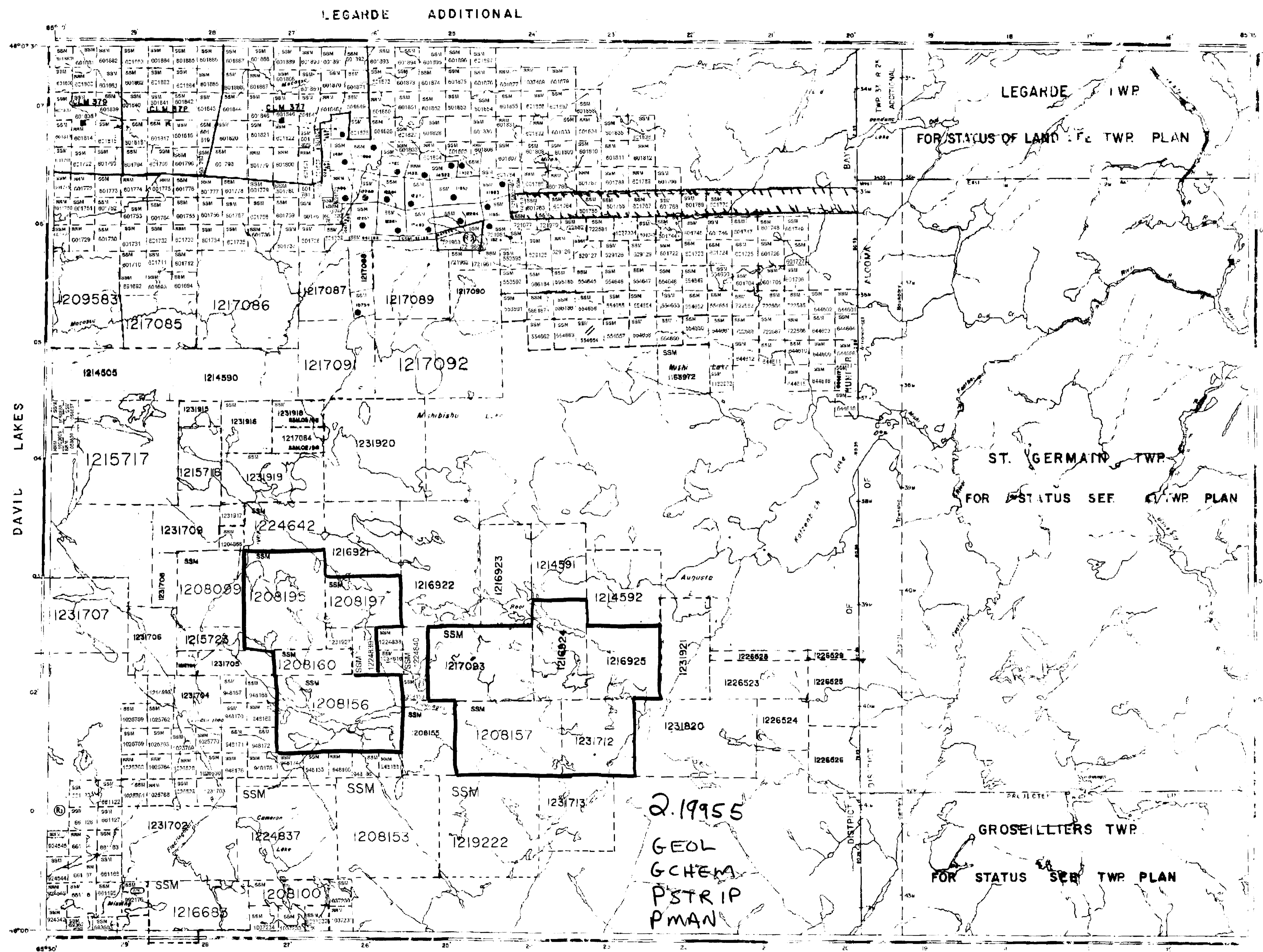
**REFERENCES**  
 AREAS WITHDRAWN FROM  
 DISPOSITION RIGHTS ONLY  
 S.R.O. SURFACE RIGHTS ONLY  
 M & S MINING AND SURFACE RIGHTS

**LEGEND**  
 SURFACE RIGHTS APPLICATION UNDER P.L.A. FOR AREA  
 SHOWN THIS

W-2384-0197 JAN/07 390 19580

SEC35 W-LL-C1519/99 ONT MAY 14/99 M&S

42C0382008 2-19955 MISHIBISHU LAKE 200



**REFERENCES**  
**LEGEND**

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

**DISPOSITION OF CROWN LANDS**

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

LAND USE PERMIT FOR COMMERCIAL TOURISM, OUTPOST CAMPS  
 NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 8, 1913,  
 VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O.  
 1992, CAP. 218, SEC. 83, SUBSEC. 1

SCALE: 1 INCH = 40 CHAINS

1:50,000  
 METRES 0 100 200 300 400 500  
 FEET 0 100 200 300 400 500

THE 1985 MAGNETIC BEARING APPROX. 10' 30"  
 ANNUAL CHANGE IN DECLINATION 10' 30"

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  
**MISHIBISHU LAKE**  
 N.W.R. ADMINISTRATIVE DISTRICT  
**WAWA**  
 MINING DIVISION  
**SAULT STE. MARIE**  
 LAND TITLES / REGISTRY DIVISION  
**ALGONA**

Ministry of Natural Resources  
 Ministry of Northern Development and Mines

ONTARIO  
 FEBRUARY 1997

**C-3772**





1,217,093  
PILLOW LAKE

1,216,924

1,216,925

5321500 mN

5321000 mN

MAFIC VOLCANICS

MAFIC VOLCANICS

METASEDIMENTS

ALPINE ZONE

MARTEN ZONE

METASEDIMENTS

MAFIC VOLCANICS

1,208,157

1,231,712

**LEGEND**

- Chert (Old Age)
- Aplic to Intermediate Intrusive
- Mafic to Ultramafic Intrusive
- Chert (New Age)
- Aplic to Intermediate Intrusive
- Mafic to Ultramafic Intrusive
- Chert (New Age)
- Aplic to Intermediate Intrusive
- Mafic to Ultramafic Intrusive
- Chert (New Age)
- Aplic to Intermediate Intrusive
- Mafic to Ultramafic Intrusive

**ABBREVIATIONS**

**OTHER**



**Battle Mountain Gold**

**GEOLOGY EAST SHEET**  
MISHI CREEK PROPERTY

Date: 12/8/1999  
Author: BK  
Office: Timmins  
Drawing:  
Scale: 1:2500 Projection: UTM Zone 16 (NAD 27 for Harris and Mishi Creeks)

0 25 50 100  
metres













1600 ME

1650 ME

1700 ME

1750 ME

11750 MN

MCT-01

MCT-08

**LEGEND**

**Diabase (All Ages)**

**Felsic to Intermediate Intrusive**

**Mafic to Ultramafic Intrusive**

**Clastic Sediments**

**Chemical Sediments**

**Felsic to Intermediate Volcanics**

**Mafic Volcanics**

**Ultramafic Volcanics - Unsubdivided**

**ABBREVIATIONS**

**Textural**

**Veining**

**Alteration**

**Structural**

**Mineralization**

**OTHER**

**42C038W2008 2.19955 MISHIBISU LAKE 240**

2.19955

**Battle Mountain Gold**

TRENCH MAPS  
MCT-01 AND MCT-08

Date: 19/7/1999  
Author: BK  
Office: Timmins  
Drawing:

Scale: 1:250 Projection: UTM Zone 16 (NAD 27 for Hemlo and Mishi Creek)

0 5 10 metres



2100 mE

2050 mE

2000 mE

1950 mE

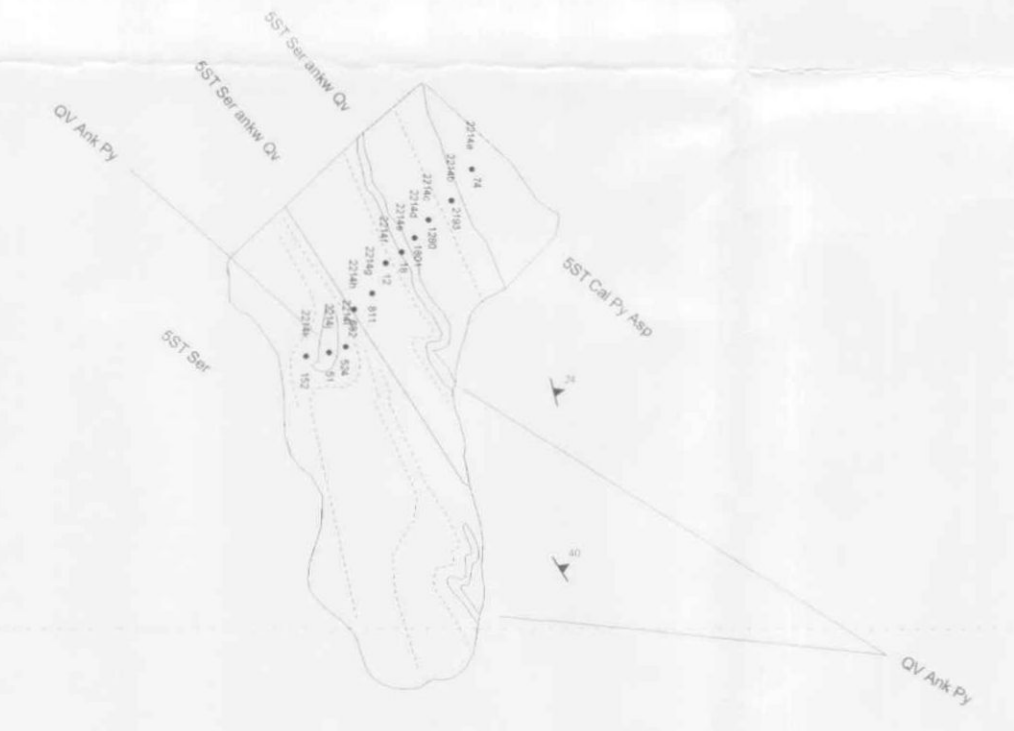


MCT-02



11850 mN

MCT-03



**LEGEND**

- Diabase (All Ages)
- Felsic to Intermediate Intrusive
  - Granite
  - Quartz-diorite, Quartz monzonite
  - Tonalite
  - Granodiorite
  - Monzonite
  - Andesite
  - Basalt
  - Basaltic Andesite
  - Andesite
  - Basalt
  - Basaltic Andesite
- Mafic to Ultramafic Intrusive
  - Diorite, Gabbro
  - Diabase
  - Andesite
  - Basaltic Andesite
  - Basalt
  - Basaltic Andesite
- Clastic Sediments
  - Argillite
  - Siltstone, Sandstone, Conglomerate
  - Shale
  - Siltstone
  - Sandstone
  - Shale
  - Siltstone
- Chemical Sediments
  - Chert
  - Siliceous chert
  - Chert
  - Chert
  - Chert
- Felsic to Intermediate Volcanics
  - Rhyolite
  - Andesite
  - Basalt
  - Basaltic Andesite
  - Mafic Hyaloclastite
  - Volcanic
  - Pyroclastic
- Mafic Volcanics
  - Basalt
  - Basaltic Andesite
  - Mafic Hyaloclastite
  - Volcanic
  - Pyroclastic
- Ultramafic Volcanics - Unsubdivided
  - Talc-Chlorite Alteration
  - Green Chlorite Alteration

**ABBREVIATIONS**

**Textural**

- AL alteration zone
- ST diorite
- ST-D quartz-diorite
- ST-T tonalite
- ST-M monzonite
- ST-A andesite
- ST-B basalt
- ST-C basaltic andesite
- ST-D quartz-diorite
- ST-E diorite
- ST-F gabbro
- ST-G diorite
- ST-H diorite
- ST-I diorite
- ST-J diorite
- ST-K diorite
- ST-L diorite
- ST-M diorite
- ST-N diorite
- ST-O diorite
- ST-P diorite
- ST-Q diorite
- ST-R diorite
- ST-S diorite
- ST-T diorite
- ST-U diorite
- ST-V diorite
- ST-W diorite
- ST-X diorite
- ST-Y diorite
- ST-Z diorite

**Viewing**

- QV quartz vein
- ST diorite
- ST-D quartz-diorite
- ST-T tonalite
- ST-M monzonite
- ST-A andesite
- ST-B basalt
- ST-C basaltic andesite
- ST-D quartz-diorite
- ST-E diorite
- ST-F gabbro
- ST-G diorite
- ST-H diorite
- ST-I diorite
- ST-J diorite
- ST-K diorite
- ST-L diorite
- ST-M diorite
- ST-N diorite
- ST-O diorite
- ST-P diorite
- ST-Q diorite
- ST-R diorite
- ST-S diorite
- ST-T diorite
- ST-U diorite
- ST-V diorite
- ST-W diorite
- ST-X diorite
- ST-Y diorite
- ST-Z diorite

**Structural**

- ST diorite
- ST-D quartz-diorite
- ST-T tonalite
- ST-M monzonite
- ST-A andesite
- ST-B basalt
- ST-C basaltic andesite
- ST-D quartz-diorite
- ST-E diorite
- ST-F gabbro
- ST-G diorite
- ST-H diorite
- ST-I diorite
- ST-J diorite
- ST-K diorite
- ST-L diorite
- ST-M diorite
- ST-N diorite
- ST-O diorite
- ST-P diorite
- ST-Q diorite
- ST-R diorite
- ST-S diorite
- ST-T diorite
- ST-U diorite
- ST-V diorite
- ST-W diorite
- ST-X diorite
- ST-Y diorite
- ST-Z diorite

**Alteration**

- AL alteration zone
- ST diorite
- ST-D quartz-diorite
- ST-T tonalite
- ST-M monzonite
- ST-A andesite
- ST-B basalt
- ST-C basaltic andesite
- ST-D quartz-diorite
- ST-E diorite
- ST-F gabbro
- ST-G diorite
- ST-H diorite
- ST-I diorite
- ST-J diorite
- ST-K diorite
- ST-L diorite
- ST-M diorite
- ST-N diorite
- ST-O diorite
- ST-P diorite
- ST-Q diorite
- ST-R diorite
- ST-S diorite
- ST-T diorite
- ST-U diorite
- ST-V diorite
- ST-W diorite
- ST-X diorite
- ST-Y diorite
- ST-Z diorite

**Mineralization**

- AL alteration zone
- ST diorite
- ST-D quartz-diorite
- ST-T tonalite
- ST-M monzonite
- ST-A andesite
- ST-B basalt
- ST-C basaltic andesite
- ST-D quartz-diorite
- ST-E diorite
- ST-F gabbro
- ST-G diorite
- ST-H diorite
- ST-I diorite
- ST-J diorite
- ST-K diorite
- ST-L diorite
- ST-M diorite
- ST-N diorite
- ST-O diorite
- ST-P diorite
- ST-Q diorite
- ST-R diorite
- ST-S diorite
- ST-T diorite
- ST-U diorite
- ST-V diorite
- ST-W diorite
- ST-X diorite
- ST-Y diorite
- ST-Z diorite

**OTHER**

- ST diorite
- ST-D quartz-diorite
- ST-T tonalite
- ST-M monzonite
- ST-A andesite
- ST-B basalt
- ST-C basaltic andesite
- ST-D quartz-diorite
- ST-E diorite
- ST-F gabbro
- ST-G diorite
- ST-H diorite
- ST-I diorite
- ST-J diorite
- ST-K diorite
- ST-L diorite
- ST-M diorite
- ST-N diorite
- ST-O diorite
- ST-P diorite
- ST-Q diorite
- ST-R diorite
- ST-S diorite
- ST-T diorite
- ST-U diorite
- ST-V diorite
- ST-W diorite
- ST-X diorite
- ST-Y diorite
- ST-Z diorite



**Battle Mountain Gold**

TRENCH MAPS  
MCT-02 AND MCT-03

Date: 19/7/1999  
Author: BK  
Office: Timmins  
Drawing:  
Scale: 1:250  
Projection: UTM Zone 16 (NAD 27 for Hemlo and Mishi Creek)

0 5 10  
metres

2150 mE

2100 mE

2050 mE

2000 mE

11650 mN



MCT-04

2.19955



**LEGEND**

**Diabase (All Ages)**

**Felsic to Intermediate Intrusive**

**Mafic to Ultramafic Intrusive**

**Clastic Sediments**

**Chemical Sediments**

**Felsic to Intermediate Volcanics**

**Mafic Volcanics**

**Ultramafic Volcanics - Unsubdivided**

**ABBREVIATIONS**

**Textural**

**Alteration**

**Mineralization**

**Structural**

**Veining**

**OTHER**

42C03SW2008 2.19955 MISHIBISHU LAKE 260

**Battle Mountain Gold**

**TRENCH MAPS**  
MCT-04

Date: 19/7/1999  
Author: BK  
Office: Timmins  
Drawing:

Scale: 1:250 Projection: UTM Zone 18 (NAD 27 for Hemlo and Mohs Creek)

0 5 10 metres



1650 mE

1700 mE

1750 mE

1800 mE

12200 mN



MCT-05



2.19955

LEGEND

ABBREVIATIONS

	Diabase (All Ages)		Textural		Veining
	Felsic to Intermediate Intrusive		Alteration		Structural
	Mafic to Ultramafic Intrusive		Mineralization		OTHER
	Clastic Sediments		Chemical Sediments		
	Felsic to Intermediate Volcanics				
	Mafic Volcanics				
	Ultramafic Volcanics - Unsubdivided				



**Battle Mountain Gold**

TRENCH MAPS  
MCT-05

Date: 19/7/1999  
 Author: BK  
 Office: Timmins  
 Drawing:

Scale: 1:250      Projector: UTM Zone 18 (NAD 27 for Hemlo and Mesh Creek)

0 5 10  
metres









1600 mE

1650 mE

1700 mE

1750 mE

11900 mN



MCT-10

MCT-09

**LEGEND**

**Diabase (All Ages)**

**Felsic to Intermediate Intrusive**

**Mafic to Ultramafic Intrusive**

**Classic Sediments**

**Chemical Sediments**

**Felsic to Intermediate Volcanics**

**Mafic Volcanics**

**Ultramafic Volcanics - Unsubdivided**

**ABBREVIATIONS**

**Tectural**

**Alteration**

**Mineralization**

**Structural**

**OTHER**

**Veining**

**42C03BW2008 2.1.1995 MICHIBISHI LAKE 300**

**Battle Mountain Gold**

**TRENCH MAPS**  
MCT-09 AND MCT-10

Date: 19/7/1999  
Author: BK  
Office: Timmins  
Drawing:

Scale: 1:250 Projection: UTM Zone 16 (NAD 27 for Hemlo and Mesh Creek)

0 5 10 metres







11150 mN

11100 mN

11050 mN

11000 mN

2400 mE

2450 mE

2500 mE

2550 mE



MLT-01

LEGEND

- Rv Diabase (All Ages)
- Iv Felsic to Intermediate Intrusive
  - G5 Granite
  - G60 Granodiorite, Quartz Monzonite
  - T7 Tonalite
  - T8 Syenite
  - FM2 Mafic Dyke
  - M2 Monzonite
  - P20 Plagioclase Porphyry
  - Q20 Quartz-Feldspar Porphyry
  - P24 Pegmatite
  - T4 Aplite
  - V2 Variscite
- Mv Mafic to Ultramafic Intrusive
  - G10 Gabbro, Troctolite
  - G11 Gabbro
  - G4 Anorthosite
  - P1 Peridotite, Pyroxenite
  - L1 Lamprophyne
- Sv Clastic Sediments
  - S4K Argillite
  - S4L Silty Argillite
  - S4M Greywacke
  - S4C Conglomerate
  - S4T Tuffaceous Conglomerate
  - S4S Sandstone
  - S4T Sandstone
  - S4Q Quartzite
  - S4A Arkose
- Cv Chemical Sediments
  - F4F Iron Formation
  - F4S Siliceous Facies
  - F4C Siliceous Facies
  - F4D Oxide Facies
  - C4C Chert
  - G4G Gypcrete
- Vv Felsic to Intermediate Volcanics
  - R3 Rhyolite
  - D3 Dacite
  - A3 Andesite
  - T3 Trachyte
- Vv Mafic Volcanics
  - M20 Massif
  - P20 Pillow
  - F20 Mafic Flow Breccia
  - H20 Mafic Hyaloclastite
  - V20 Variolite
  - P20 Porphyrite
- Uv Ultramafic Volcanics - Unsubdivided
  - H20 Hornblende Andesite
  - H20 Hornblende Andesite

ABBREVIATIONS

Textural		Veining	
ag	agglomerate	Av	ankerite
AZ	alteration zone	Cv	calcite
amp	amphibole	Epy	epidote
FB	flow breccia	Hem	hematite
bt	biotite	Mv	magnetite
plm	plagioclase	Qv	quartz
hy	hyaloclastite	Qtz	quartz-karstite
hb	hornblende	Qv	quartz-ankerite
ap	apatite	Qv	quartz-calcite
ms	massive	Tour	tourmaline
p	porphyry		
px	pyroxene		
sch	schistosity		
sp	spinel		
st	staurolite		
vt	vanadinite		
var	variscite		

Alteration		Structural	
Ab	alteration	hd	hatched
Ank	ankerite	hd	hatched
Bi	biotite	br	breccia
Cd	calcite	brd	brecciated
Carb	carbonatization	cf	contact
Ch	chlorite	f	fault
Ck	chloritization	FZ	fault zone
Ep	epidote	fz	faulting
Flu	fluorite	f	flow
Gc	green carbonate	f	fracture
Hem	hematite	g	graben
L	lamprophyne	s	shear
Pl	plagioclase	SZ	shear zone
Ser	serpentinization	st	strike-slip
Serp	serpentinization		
Sil	silicification		
Tc	teal		
Tour	tourmaline		

Intensity Code		OTHER	
(Aw)	locally weak	g	fine grained
Aw	weak	mg	medium grained
AW	moderate	brg	fine to medium grained
(AW)	strong	brd	fine to coarse grained
		br	interbedded
		bc	locally brecciated frag
		mg	magnetite
		ms	pyroxene
		st	strong
		vs	very strong
		we	weak to strong
		OVB	Overburden
		DZ	Darnest Zone
		AZ	Alpine Zone
		sk	Foliation measurement
		sk	Foliation trace
		Shear	Shear
		•	Sample location and
		U	Au value in g/t

Mineralization	
Agp	argonite
Cl	chlorite
Cpy	chalcopyrite
Ds	disseminated pyrite
Ga	galena
Mt	magnetite
Mp	malachite
Px	pyroxene
Pt	pyrite
Sp	stockwork pyrite
V.G.	vanadinite

Intensity Code	
Cpy	trace to 1%
Fpyf	1-3%
CPY	3-7%
Fpyf	7-15%
Fpyf	>15%



**Battle Mountain Gold**

TRENCH MAPS  
MLT-01

Date: 22/1/1999  
Author: BK  
Office: Toronto  
Drawing:

Scale: 1:250  
Projection: UTM Zone 18 (NAD 27 for Merits and Mobsi Cores)

0 5 10  
metres