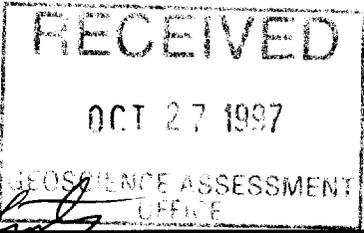


Diamond Drill Record

BATTLE MOUNTAIN CANADA LTD.

2 17923

<b>Property:</b> Sceptre <b>Project No:</b> 490 <b>Hole No:</b> NGS-211  <b>Length:</b> 1861.7m <b>Overburden:</b> 3.66m <b>Core Size:</b> NQ  <b>Township:</b> Bomby <b>Drill Company:</b> Bradley Bros. <b>Date Started:</b> January 14, 1997 <b>Completed:</b> March 23, 1997 <b>Logged By:</b> B. Kusins, D. Schultz <b>Date Logged:</b> Jan. 14-Mar. 24/97 <b>Core Storage:</b> Hemlo  <b>Signature:</b> <i>[Handwritten Signature]</i>	<b>Grid</b> <table border="1"> <tr><td>east</td><td>4024.346</td></tr> <tr><td>north</td><td>6042.030</td></tr> <tr><td>UTM E</td><td>577535</td></tr> <tr><td>UTM N</td><td>5395300</td></tr> <tr><td>azim.</td><td>0</td></tr> <tr><td>incli.</td><td>-90</td></tr> <tr><td>elev.</td><td>5356.64</td></tr> <tr><td>grid az.</td><td>356</td></tr> <tr><td>claim #.</td><td></td></tr> <tr><td>lease #.</td><td>CLM 274</td></tr> </table>	east	4024.346	north	6042.030	UTM E	577535	UTM N	5395300	azim.	0	incli.	-90	elev.	5356.64	grid az.	356	claim #.		lease #.	CLM 274	<b>Survey</b> <table border="1"> <tr><th>depth</th><th>azim.</th><th>inclin.</th></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> </table> <p>See attached table</p>	depth	azim.	inclin.																					
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From	To	Rock Type	Description
0.0	3.66		Casing
3.66	62.15	5h	Fine sandstone and siltstone, black, fine grained, foliation at 20° to c.a.
62.15	85.1	5m	Siltstone, black, fine grained, trace pyrite, foliation at 30° to c.a. 74.85-76.2: 7b, dark, weak foliation at 20° to c.a. 80.7-81.55: 7b, as above.
85.1	89.7	5n	Argillite, very fine grained, black, trace pyrite.
89.7	100.3	5m	Siltstone, fine grained, foliation varies from 10° to 30° to c.a.
100.3	141.9	5g (b)	Fine sandstone with occasional pebble size clast, very weak calc-silicate banding, foliation at 30° to c.a. 134.0-134.3: Quartz vein.
141.9	145.0	5m	Siltstone, fine grained, occasional calcite veinlets, foliation at 35° to c.a.
145.0	154.8	5g (x)	Fine sandstone, locally thin calc-silicate bands, trace pyrite, foliation at 35° to c.a.
154.8	214.3		Navi-no core.



42C-12NW0037 2.17923 BOMBY

**Diamond Drill Record**

**BATTLE MOUNTAIN CANADA LTD.**

<b>From</b>	<b>To</b>	<b>Rock Type</b>	<b>Description</b>
214.2	276.7	5f	Sandstone, medium grained, grey, bleached about fractures, locally minor calc-silicate bands, foliation at 70 <sup>0</sup> to c.a.  242.85-247.55: Bi, contact at 50 <sup>0</sup> to c.a. 254.75-256.65: 5f, (sr), discrete sericitic bands.
276.7	284.4		Navi-no core.
284.4	326.1	5f	Sandstone, medium grained, dark grey, foliation at 30 <sup>0</sup> to c.a., locally minor bands of siltstone.
326.1	446.4	5f (b)	Sandstone mixed with bands of pebble conglomerate, dark grey, weakly foliation at 25 <sup>0</sup> to c.a. Bleached about fractures.  353.2-354.4: 5m, siltstone, fine grained, foliation at 10 <sup>0</sup> to c.a.  354.4-356.65: 7b, pink, medium grained.  356.65-368.0: Blocky core, calcite filled fractures at 5 <sup>0</sup> to c.a. Small fault breccia zone from 365.5-365.7.  378.8-379.1: Blocky core, calcite fracture filling.  423.95-424.05: Blocky core, calcite and hematite filled fractures.
446.4	458.6	5g (gt)	Fine sandstone, fine to medium grained, grey, bleached about fractures, locally minor pinhead garnets, foliation at 30 <sup>0</sup> to c.a.
458.6	460.85	7b (fd)	Feldspar porphyry, locally weakly feldspathic, weak foliation at 30 <sup>0</sup> to c.a.
460.85	483.4	5g (gt)	Fine sandstone, fine to medium grained, grey, locally bleached about fractures, thin bands of pinhead size garnets, locally minor sericitic bands.
483.4	487.4	5g (sa), (gt)	Fine sandstone, fine to medium grained, thin bands of sericitic alteration, locally minor garnets, occasional thin calc-silicate band.
487.4	511.7	5g (gt)	Fine sandstone, fine to medium grained, locally pinhead garnets common, occasional thin calc-silicate bands, foliation at 30 <sup>0</sup> to c.a.
511.7	540.5	5x	Calc-silicate banding sediment, medium grained, slightly bleached about fractures, trace pyrite in calc-silicate bands, foliation at 30 <sup>0</sup> to c.a.
540.5	574.3	5g, sr, gt, (x)	Fine sandstone, medium grained, thin bands of sericite material, garnets locally common, occasional thin calc-silicate bands.
574.3	591.1	5g, (x), (gt)	Fine sandstone, calc-silicate bands locally common, locally minor garnets, dark grey, fine to medium grained, foliation at 30 <sup>0</sup> to c.a.

**Diamond Drill Record**

**BATTLE MOUNTAIN CANADA LTD.**

<b>From</b>	<b>To</b>	<b>Rock Type</b>	<b>Description</b>
591.1	612.3	5g (x)	Fine sandstone, occasional thin calc-silicate band, dark grey, slightly bleached about fractures. Foliation at 40 <sup>0</sup> to c.a.
612.3	638.2	5k (x)	Mixed siltstone and sandstone, dark grey, occasional calc-silicate bands, foliation at 40 <sup>0</sup> to c.a.
638.2	694.5	5f, gt	Garnetiferous Sediments: grey, fine grained, banded, numerous calc-silicate bands, 3-5% garnets throughout, locally minor feldspathic bands, rare flecks of pyrite. Foliation to core axis=40 <sup>0</sup> to 45 <sup>0</sup> to c.a.
694.5	731.6	5g	Fine sandstone, dark grey, fine to medium grained, foliation varies from 30 <sup>0</sup> to 60 <sup>0</sup> to c.a.
731.6	740.65	5m	Siltstone, dark grey, fine grained, occasional thin quartz-calcite veinlets, foliation at 30 <sup>0</sup> to c.a.
740.65	792.6	5k	Mixed zone of sandstone and siltstone, fine to medium grained, bleached about fractures, foliation at 45 <sup>0</sup> to c.a.  754.9-756.0: 7a, black, medium grey. 767.1-763.25: 7c, popcorn porphyry, black, minor pyrite.
792.6	817.4	5f	Sandstone, medium grained, bleached about fractures, foliation at 40 <sup>0</sup> to c.a.
817.4	825.6	5x	Calc-silicate rich metasediment, dark grey, medium grained, calc-silicate bands are white to green, foliation at 45 <sup>0</sup> to c.a., locally bleached about fractures.
825.6	854.3	5g	Fine sandstone, fine to medium grained, dark grey, slightly bleached about fractures, foliation at 45 <sup>0</sup> to c.a.  834.9-835.7: 7c, grey, coarse feldspar phenocrysts.
854.3	875.6	5m	Siltstone, black, fine grained, locally trace pyrite, foliation at 50 <sup>0</sup> to c.a., occasional thin quartz veinlets.
875.6	890.2	5m, Fd, (py)	Weak Feldspathic Siltstone: grey, fine grained, medium to light grey, weak to moderately feldspathic bands, trace pyrite throughout, foliation to core axis=65 <sup>0</sup> to c.a., minor calc-silicate bands.
890.2	892.2	5g	Sandstone: grey, massive, granular, no visible sulphides.
892.2	896.05	5m, (sr)	Siltstone Weakly Banded: grey, fine grained, banded, weakly sericitic, trace pyrite.
896.05	934.65	5m	Massive Siltstone: grey, fine grained, massive, rare calcite veinlets, no visible pyrite.

**Diamond Drill Record**

**BATTLE MOUNTAIN CANADA LTD.**

<b>From</b>	<b>To</b>	<b>Rock Type</b>	<b>Description</b>
			920.1-932.2: Numerous bleached bands, minor quartz-tourmaline knots.
934.65	942.0	5f	Sandstone: grey to medium grey, massive, minor quartz veining, no visible alteration, foliation to core axis=50° to c.a.
942.0	960.9	5f, (fd), (sr), (x)	Sandstone, light grey, medium grained, weakly feldspathic and sericitic, occasional thin calc-silicate bands, bleached about fractures, foliation at 60° to c.a.
960.9	1014.0	5f	Sandstone, grey, fine to medium grained, minor thin calc-silicate bands, locally bleached about fractures.  968.3-968.85: 7c 968.95-968.55: 13a 970.0-972.45: 7c, minor quartz veining, trace pyrite.
1014.0	1033.4	8a	Light grey, massive, very fine grained-possible mafic dyke or mafic/int. volcanic.  NOTE: narrow (1-5cm) breccia zone, 2-3m apart (pillow selvages?). Very minor "feldspathic" bands locally. Broken core from 1022.3-1025.2
1033.4	1159.4	5f	Sandstone: Same as above. Local calc-silicate bands, 3 to 5 cm apart and quartz sweats. Well laminated green/grey/brown. Fine grained.  1072.5-1092.7: Conglomeratic fragments.  1117.7-1178.3: Fsp. Porphyry Dyke (7b)
1159.4	1161.8	8a	Fine/medium grained, equigranular, mafic intrusive?
1161.8	1163.0	5m	Fine grained green sediments.
1163.0	1164.2	8a	Fine to medium grained mafic dyke
1164.2	1170.5	5f, ff	Typical sediment, weakly hematized and feldspathized as local bands, trace pyrrhotite disseminated.
1170.2	1172.2	5f, ff (fault bx)	Healed fault breccia zone, hematized, feldspathic bands (w/mod), nil to trace pyrite.
1172.2	1179.2	5f, ff	Hematitic and feldspathic banding and fractures 1176.0 to 1176.85 (7b).
1179.2	1182.3	5f	Typical fine grained, grey, rare calcite stringers.
1182.3	1185.4	8a	Fine grained, mafic equigranular dyke. Hematitic fractures and quartz stringers, calcitic.

**Diamond Drill Record**

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<b>From</b>	<b>To</b>	<b>Rock Type</b>	<b>Description</b>
1185.4	1187.15	5f, ff	Same sediment, hematized and feldspathized bands and fractures (generally more hematitic).
1187.15	1195.2	8a	Similar dyke to above. Ground core (crumbling core) from 1187.15 to 1188.0.
1195.2	1209.9	5f, ff	Light grey, fine grained sediments, weak/feldspathic banding locally throughout. Quartz vein from 1206.1 to 1206.4. Grey/white mottled calcitic section from 1203.8 to 1204.9.
1209.9	1226.5	2a	Massive, green, very fine grained, stringers, rare hematite fractures with quartz. Quartz veining at lower contact.
1226.5	1236.7	5b	Conglomerate, 20% clasts-predominantly FP and felsic volcanic in grey-green matrix. Local calc-silicate banding. General mottled look (C/S rich plane) towards lower contact.
1236.7	1332.1	5x	Calc-silicate unit. Local bleaching, no obvious alteration. Rare local feldspathized bands (<1%) foliation at 48° to c.a.
1332.1	1344.0	1a	Moderate/strong biotite alteration-possible altered mafic volcanic-dark green black, foliated, no sedimentary banding.
1344.0	1347.6	5b	Conglomerate, typical light grey, well laminated, fine grained, feldspathic banding, trace pyrite.
1347.6	1357.6	1a	Same as above. Lower 2.5m is fragmental in contact with underlying sediments.
1357.6	1395.5	5b	conglomerate, same as above. Laminated, calc-silicate bands, local conglomerate (1m sections).
1395.5	1404.0	5p	Biotite-rich sediments, fine grained, black to black-green, local mafic fragments to 3cm long. Clots of Alumino-silicate minerals, 1-5mm circular porphyroblasts.
1404.0	1418.6	5x, p	Calc-silicate unit, intermixed 5x, Sp, bearing fine biotite local conglomerate clasts, transitional with above unit.
1418.6	1426.1	5x, ff/fs	Grey green sediment-moderate feldspathic (hematized) fracturing and banding throughout, local epidote fractures. Unit generally bleached, trace pyrite (rare).
1426.1	1447.4	5b, ff	Conglomerate, light grey-bleached in colour, foliated, albitized bands and fragments throughout; trace pyrite dissemination throughout. Calc-silicate bands (alteration) throughout.

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<b>From</b>	<b>To</b>	<b>Rock Type</b>	<b>Description</b>
1447.4	1449.5	5b, ff	Conglomerate, strong Feldspathized Zone: calc-silicate rich matrix.
1449.5	1463.5	5k, ff	Siltstone and sandstone, feldspathic bands, 5-8cm wide in mottled calc-silicate rich unit. Less feldspathic down hole to bottom of section.
1463.5	1501.5	5f	Sandstone, biotite rich, 1% pyrite, local calc-silicate bands. Local bleached "feldspathized" (weak) zones, biotitic fracturing.
1501.5	1502.2	5f, FD	Mineralized Zone: bleached, feldspathized sediment, 3% $MoS_2$ in bands, trace pyrite.
1502.2	1507.2	5f	Sandstone, biotite rich, local feldspathic bands, trace to 1% pyrite.
1507.2	1518.15	5b	Conglomerate, biotite-rich matrix, felsic clasts (generally feldspathized). Calc-silicate bands common throughout, 1-3% pyrite. Lower 30cm-good feldspathization.
1518.15	1524.2	5x	Calc-silicate unit, dark green-black, massive c/s bands in light grey sediment. C/S bands up to 10% pyrite. Trace to 1% pyrite in sediments.
1524.2	1529.15	5QE's	Sandstone, bleached, feldspathized sediment-development of QE's, several bands of pyrite-bearing calc-silicate up to 10cm wide. Trace pyrite in QE unit.
1529.15	1537.75	5f, x	Sandstone, biotitic sediments with pyrite-rich calc-silicate bands, 1% disseminated pyrite.
1537.75	1549.4	6, (qe), (bt)	Quartz-feldspar porphyry, 60% feldspar, crystals, 10% quartz eyes, siliceous, biotite banding, trace disseminated pyrite (very fine).
1549.4	1553.4	5f, x	1-3% disseminated pyrite, heavier in calc-silicate bands. Weakly feldspathized, local conglomerate pebbles (1%), well laminated.
1553.4	1558.45	5b, (fd), (py)	Cobble conglomerate, locally thin feldspathic bands or clasts, 1% fine pyrite, foliation at $60^\circ$ to c.a.
1558.45	1560.75	5a, (sr) (Hm) (py)	Conglomerate, coarse clasts of feldspathic material, locally sericitic bands with fine tourmaline, locally 1-20% fine pyrite.
1560.75	1578.5	6a, fd, bt	Quartz-feldspar porphyry, weak to moderately feldspathized, biotitic stockwork developed, foliation at $65^\circ$ to c.a.  1573.6-1573.95: 8a, diorite, grey, fine grained.
1578.5	1586.15	6a, bt, (x), (fd)	Quartz-feldspar porphyry, dark grey, medium grained, biotitic stockwork locally developed, occasional calc-silicate bands, locally weakly feldspathized, minor pyrite, locally trace _____.

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**BATTLE MOUNTAIN CANADA LTD.**

From	To	Rock Type	Description
			1584.6-1585.45: 8a, sh, (py), mafic dike, shared, 1% fine pyrite.
1586.15	1587.85	6a, (FD), (Mo), (gm)	Quartz-feldspar porphyry, locally strongly feldspathized, minor thin bands of molybdenite, trace pyrite. Locally trace green mica.  1587.5-1587.75: 8a, Sh
1587.85	1595.35	6a, (fd), (bt), (py)	Quartz-feldspar porphyry, weakly feldspathic, locally biotitic stockwork, minor to 1% fine pyrite, weak foliation at 65° to c.a.
1595.35	1597.8	6a, fd, (py), (mo), (lx)	Quartz-feldspar porphyry, weak to moderately feldspathized, 1% fine pyrite, locally minor molybdenite, locally minor calc-silicate.
1597.8	1607.5	6a, (fd)	Quartz-feldspar porphyry, dark grey, medium grained, locally thin bands of feldspathic alteration, weak foliation at 70° to c.a.
1607.5	1631.85	6a, fd, (mo), (py)	Quartz-feldspar porphyry, moderately feldspathized, feldspar phenocrysts still evident, locally thin bands with minor molybdenite, locally minor to 1% fine pyrite, occurring as a weak stockwork, foliation at 70° to c.a.  1607.75-1607.85: Quartz vein with honey coloured sphalerite, trace $M_0S_2$ , @ 1611.35 5mm band of barite.  1631.45-1631.85: 8a, minor pyrite.
1631.85	1640.75	6a, FD, gc, (bx) (mo)	Quartz-feldspar porphyry, strongly feldspathized, feldspar phenocrysts destroyed, minor quartz eyes, green carbonate clots common, locally biotitic stockwork, trace molybdenite and pyrite.
1640.75	1662.3	6a, (fd), (tm)	Quartz-feldspar porphyry, medium grained, locally moderately feldspathic, fine tourmaline crystals, locally minor pyrite.  1641.8-1642.15: 8a
1662.3	1663.5	6a, fd, bt	Quartz-feldspar porphyry, light grey, moderately feldspathized, biotitic stockwork developed, minor pyrite.
1663.5	1668.3	6a, (qe)	Quartz-feldspar porphyry, dark grey, medium grained, quartz eyes locally evident, minor thin feldspathic sections, weak foliation at 70° to c.a.
1668.3	1671.9	6a, fd, (py)	Quartz-feldspar porphyry, moderately feldspathized, minor pyrite, trace green carbonate.  @ 1670.75 5cm wide band with $M_0S_2$ .
1671.9	1675.2	6a, (fd)	Quartz feldspar porphyry, weakly feldspathic, locally minor green carbonate, minor pyrite.

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<b>From</b>	<b>To</b>	<b>Rock Type</b>	<b>Description</b>
1675.2	1675.65	6a, FD, (mo) (py)	Quartz-feldspar porphyry, strongly feldspathic, 2% pyrite forming a distinctive stockwork, feldspar phenocrysts not evident.  @ 1676.0: 10cm wide band with strong MoS <sub>2</sub> , minor honey coloured sphalerite, minor barite.
1676.65	1681.55	6a, (fd), (qe)	Quartz-feldspar porphyry, weakly feldspathic, quartz-eyes locally developed, minor fine pyrite, weak foliation at 65° to c.a.
1681.55	1694.15	6a, fd, (qe), (py), (x), (bx)	Quartz-feldspar porphyry, weak to locally moderately feldspathized, locally biotitic stockwork, minor to locally 1% fine pyrite, quartz eyes weakly developed, locally calc-silicate in bands or imparting mottled texture to core, trace green carbonate.  1683.1-1683.65: 6a, FD, qe, strongly feldspathized, minor pyrite quartz-eyes, well developed.
1694.15	1710.8	6a, (qe), (py)	Quartz-feldspar porphyry, medium grained, dark grey, quartz eyes locally developed, locally thin feldspathic bands, minor to locally 1% fine pyrite.
1710.8	1714.8	6a, (fd), (gc), (py)	Quartz-feldspar porphyry, weakly feldspathic, grey, green carbonate veinlets locally common, 1% fine pyrite.
1714.8	1729.2	6a, (fd), (qc), (py)	Quartz-feldspar porphyry, weakly feldspathized, locally thin bands of more intense feldspathization, locally quartz-eyes developed minor to 1% fine pyrite, foliation at 70° to c.a. MoS <sub>2</sub> at 1718.4, 1719.25 and 1728.40.
1729.2	1730.65	6a, FD, (Mo), (py)	Quartz-feldspar porphyry, strongly feldspathized, feldspar phenocrysts largely developed, occasional thin fracture with MoS <sub>2</sub> , minor to 1% fine pyrite.
1730.65	1733.45	6a, (fd), (mo), (py)	Quartz-feldspar porphyry, weakly feldspathized, occasional thin bands of strong feldspathization with MoS <sub>2</sub> , minor to 1% fine pyrite at 1732.5, 10cm wide band of intense feldspathization with moderate MoS <sub>2</sub> , 3% fine pyrite, minor barite.
1733.45	1742.55	6a, (x), (py)	Quartz-feldspar porphyry, minor calc-silicates as bands or mottled masses within porphyry, minor to locally 1% fine pyrite, foliation at 70° to c.a.  1735.6-1736.65: 8a, sh. 1741.15-1742.2: 8a, sh, (py), (qv), 1% fine pyrite.
1742.55	1756.75	6a, (sr), (tm), (qe)	Quartz-feldspar porphyry, weak to locally moderately sericitized, minor tourmaline, quartz eyes locally developed, minor pyrite.  1752.35-1752.70: 8a
1756.75	1758.95	6a, SR, qe	Quartz-feldspar porphyry, strongly sericitized forming a quartz-eye schist,

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<b>From</b>	<b>To</b>	<b>Rock Type</b>	<b>Description</b>
			quartz eyes locally common, trace pyrite, schistosity at 75° to c.a.
1758.95	1778.25	6a, sr, (qe), (tm)	Quartz feldspar porphyry, moderately sericitized, quartz eyes locally developed in more sericitic sections, fine tourmaline locally common, minor to locally 1% fine pyrite.  1761.6-1762.6: 6b, dark grey. 1777.4-1778.25: 6a, bleached about fractures.
1778.25	1784.8	6a, SR, QE	Quartz-eye schists, strongly sericitized, quartz eyes well developed, minor pyrite, schistosity at 70° to c.a.  1778.6-1779.15: 6b
1784.8	1789.15	6a, (fd), (sr), (py)	Quartz-feldspar porphyry, weakly feldspathic and sericitic, grey, medium grained, minor to 1% fine pyrite.  1788.7-1789.15: 6b, black.
1789.15	1790.25	6a, fd, (sr)	Quartz-feldspar porphyry, weak to moderately feldspathized, locally weakly sericitic, minor pyrite.
1790.25	1817.15	5x, sr, (gx)	Calc-silicate rich metasediment, sericitic bands common, locally garnetiferous, core has a bluish tint, foliation at 70° to c.a.  1791.6-1791.8: 8l 1792.05-1793.95: 8l 1803.55-1804.3: 6b, grey, medium grained 1804.6-1805.0: 6b, as above 1806.8-1808.3: 6b, as above 1808.7-1810.0: 6b, as above 1812.1-1813.6: 6b, as above
1817.15	1817.55	5x, SR, (fd), (py)	Calc-silicate metasediment, strongly sericitized, weakly feldspathic, minor to 1% fine pyrite, possibly some green mica.
1817.55	1831.1	5x, py (gt)	Calc-silicate rich metasediment, locally 3-5% pyrite, locally garnetiferous, foliation at 70° to c.a.  1829.75-1831.1: 6b, mg, grey.
1831.1	1835.85	5x, gt, (py)	Calc-silicate rich metasediment, garnetiferous, locally minor to 1% pyrite. Foliation at 70° to c.a.  1832.4-1832.6: 6b
1835.85	1838.2	5x, (fd), py	Calc-silicate unit, weakly feldspathic, 7% fine pyrite, minor calcite veinlets.
1838.2	1839.9	5x, fd, py	Calc-silicate unit, moderately to locally strongly feldspathized, 5% fine

**Diamond Drill Record**

**BATTLE MOUNTAIN CANADA LTD.**

<b>From</b>	<b>To</b>	<b>Rock Type</b>	<b>Description</b>
			pyrite.
1839.9	1843.4	5x, (fd)	Calc-silicate unit, locally weakly feldspathic, trace pyrite, foliation at 70° to c.a.
1843.4	1854.4	5x, fd, py	Calc-silicate unit, moderately feldspathized, locally 5% fine to coarse pyrite, trace pyrrhotite, some sections looks like altered porphyry with calc-silicate and feldspathic alteration superimposed, foliation at 70° to c.a., trace $MoS_2$ at 1849.7m.
1854.4	1855.2	5x, FD, PY, Mo, (gm), sr	Mineralized Zone, strongly feldspathized, locally moderately sericitic, 10% pyrite, minor $MoS_2$ , trace green mica.
1855.2	1861.7	5x, (py)	Calc-silicate unit, locally weakly feldspathic, minor to 1% fine pyrite.  1859.6-1859.9: 6c, dark.
1861.7			END OF HOLE

# HEMLO REGIONAL LEGEND

## 1 MAFIC META-VOLCANIC ROCKS

- 1a mafic flow
- 1c amygdaloidal / spherulitic flow
- 1p pillowed flow
- 1s ultramafic flow
- 1t tuff, lapilli tuff
- 1f tuff-breccia

## 2 FELSIC META-VOLCANIC ROCK

- 2a massive flow
- 2b tuff
- 2c lapilli tuff
- 2d tuff-breccia

## 3 INTERMEDIATE META-VOLCANIC ROCKS

- 3a massive flow
- 3b tuff
- 3c lapilli tuff
- 3d tuff-breccia

## 4 CHEMICAL META-SEDIMENTARY ROCKS

- 4a chert
- 4b cherty siltstone
- 4c oxide facies chert-mg IF
- 4d sulfide facies chert/siltstone - py/po IF
- 4e baritic sediments (+/- chert, gm, py, po)

## 5 CLASTIC METASEDIMENTARY ROCKS

- 5a cobble conglomerate
- 5b pebble conglomerate
- 5f sandstone
- 5g fine sandstone
- 5h fine sandstone and siltstone
- 5k siltstone and sandstone
- 5m siltstone
- 5n argillite
- 5p pelitic siltstone, pelitic sandstone
- 5x calc-silicate bearing sediments

## 6 FELSIC META-INTRUSIVE ROCKS

- 6a quartz-feldspar porphyry stock
- 6b feldspar porphyry stock

## 7 FELSIC DIKES

- 7a quartz-feldspar porphyry dikes
- 7b feldspar porphyry dikes
- 7c irregular FP dikes (popcorn porphyry)
- 7d equigranular dikes

## 8 MAFIC DIKES

- 8a diorite
- 8b gabbro
- 8l lamprophyre
- 8s ultramafic

## 9 MAFIC PLUTONIC ROCKS

- 9a gabbro
- 9b ultramafic

## 10 FELSIC PLUTONIC ROCKS

- 10a granodiorite (ie Cedar Lake, Heron Bay Plutons)
- 10b monzonite (ie Gowan Lake Pluton)
- 10c feldspar porphyritic diorite (Cotte Stock)

## 11 GNEISSIC COMPLEX ROCKS

- 11a unsubdivided
- 11b granite gneiss
- 11c sedimentary gneiss
- 11d mafic gneiss

## 12 LATE FELSIC INTRUSIVES

- 12a aplite
- 12b pegmatite

## 13 DIABASE

- 13a diabase

## 14 COLDWELL ALKALIC COMPLEX ROCKS

### MODIFIERS

#### Textural Features

- qe quartz-eye bearing
- fx feldspar crystal bearing
- r mudstone rip-up clast bearing
- bx brecciated
- sh sheared

#### Metamorphic Minerals

- an andalusite
- cd cordierite
- ch chlorite
- cm cummingtonite
- gt garnet
- ky kyanite
- mg magnetite
- sl sillimanite
- st staurolite

#### Alteration Minerals

- bt biotite
- ca calcite
- ep epidote
- fc iron carbonate
- fd feldspathized
- ff feldspathized fractures
- fs feldspathized stockwork
- gm green mica
- hm hematite
- k pink potassium feldspathized
- qv quartz vein
- si silicified
- sr sericitized
- sp sericitized patches
- ss sericitized stockwork
- ta talc
- tm tourmaline

- xb amphibolized bands
- xd disseminated amphibole
- xf amphibolized fractures
- xp amphibolized patches
- x completely amphibolized

#### Sulfides, Etc.

- an anhydrite
- au gold
- ba barite
- cp chalcopyrite
- ga galena
- gf graphite
- ma malachite
- mo molybdenite
- po pyrrhotite
- py pyrite
- sp sphalerite
- te tellurides

( ) modifiers in parentheses are minor  
CAPS capitalized modifiers are coarse-grained or intense

**DDH Downhole Survey Data**

**BATTLE MOUNTAIN CANADA LTD.**

**Property:** SCEPTRE

**Hole No:** NGS-211

**Date:** Jan. 14, 1997.

<b>Depth m</b>	<b>Dip</b>	<b>Azimuth</b>
0.00	-90.00	
10.67	-89.75	145.0
32.00	-88.00	152.0
60.96	-85.80	164.0
90.83	-84.25	150.0
121.91	-82.00	155.0
154.83	-79.75	154.0
167.02	-79.25	157.0
179.21	-80.25	168.0
191.41	-81.75	182.0
203.60	-83.60	205.0
209.69	-83.10	219.0
215.48	-83.75	228.0
218.84	-83.75	229.0
224.93	-84.75	234.0
227.98	-85.40	242.0
231.03	-86.25	253.0
234.07	-86.60	265.0
243.22	-87.00	281.0
252.36	-87.25	272.0
261.50	-88.00	257.0
270.65	-88.25	229.0
276.74	-87.75	205.0
284.36	-89.50	270.0
290.46	-89.65	28.0
298.08	-89.50	30.0
310.27	-89.00	70.0
334.65	-87.60	132.0
365.74	-86.25	140.0
398.96	-84.75	140.0
426.70	-84.50	140.0
459.92	-83.00	137.0
487.66	-82.00	270.0
517.53	-80.50	148.0
548.61	-78.75	152.0
594.03	-76.25	155.0
612.31	-75.50	157.0

**DDH Downhole Survey Data**

**BATTLE MOUNTAIN CANADA LTD.**

**Property:** SCEPTRE

**Hole No:** NGS-211

**Date:** Jan. 14, 1997.

<b>Depth m</b>	<b>Dip</b>	<b>Azimuth</b>
640.00	-74.25	158.5
645.84	-74.00	159.0
670.53	-73.00	157.5
701.01	-72.00	160.0
731.18	-71.00	158.0
761.96	-70.50	160.0
795.18	-69.75	158.0
831.76	-69.00	158.0
853.40	-68.00	159.0
883.88	-67.50	159.0
914.05	-66.25	158.0
944.83	-65.50	159.0
978.06	-64.75	159.0
1005.79	-64.50	159.0
1036.27	-64.00	158.0
1066.75	-63.25	158.0
1097.23	-63.00	158.5
1127.70	-62.25	157.5
1158.18	-61.75	157.5
1188.66	-61.00	158.0
1219.14	-60.00	158.0
1252.36	-59.50	158.0
1280.10	-58.50	158.0
1313.32	-58.25	158.0
1341.05	-57.25	158.0
1374.28	-57.00	158.0
1402.01	-56.20	158.0
1435.23	-55.00	158.0
1465.71	-54.50	158.0
1493.45	-54.00	160.5
1526.67	-53.75	157.0
1554.40	-53.25	160.0
1584.88	-53.00	160.0
1618.10	-52.50	159.0
1645.84	-52.25	159.0
1676.32	-52.00	157.0
1709.23	-50.50	163.5

**DDH Downhole Survey Data**  
**BATTLE MOUNTAIN CANADA LTD.**

**Property:** SCEPTRE

**Hole No:** NGS-211

**Date:** Jan. 14, 1997.

<b>Depth m</b>	<b>Dip</b>	<b>Azimuth</b>
1737.28	-49.50	164.0
1770.19	-48.00	162.0
1798.23	-46.75	163.0
1828.71	-45.00	166.5
1861.70	-43.75	169.0

**DDH Sample Record**

**BATTLE MOUNTAIN CANADA LTD.**

Property: SCEPTRE

Hole No: NGS-211

Date: Jan. 14, 1997.

Sample #	From	To	Width	Assays			
				Au (ppb)	Check		Final
NGS211-01	881.00	882.00		<5			
NGS211-02	882.00	883.00		10			
NGS211-03	883.00	884.00		<5			
NGS211-04	884.00	885.00		<5			
NGS211-05	1164.20	1165.20		6			
NGS211-06	1165.20	1166.20		7			
NGS211-07	1166.20	1167.00		<5			
NGS211-08	1167.00	1168.00		10			
NGS211-09	1168.00	1169.00		<5			
NGS211-10	1169.00	1170.00		<5			
NGS211-11	1170.00	1170.50		6			
NGS211-12	1170.50	1171.50		<5			
NGS211-13	1171.50	1172.20		<5			
NGS211-14	1172.20	1173.00		<5	<5		<5
NGS211-15	1173.00	1174.00		<5			
NGS211-16	1174.00	1175.00		<5			
NGS211-17	1175.00	1176.00		9			
NGS211-18	1176.00	1176.85		<5			
NGS211-19	1176.85	1177.85		<5			
NGS211-20	1177.85	1179.00		<5			
NGS211-21	1179.00	1179.70		<5			
NGS211-22	1418.60	1419.60		9			
NGS211-23	1419.60	1420.60		6			
NGS211-24	1420.60	1421.60		55			
NGS211-25	1421.60	1422.60		6			
NGS211-26	1422.60	1423.60		6			
NGS211-27	1423.60	1424.60		35			
NGS211-28	1424.60	1425.60		35			
NGS211-29	1425.60	1426.10		624			
NGS211-30	1426.10	1427.10		41			
NGS211-31	1427.10	1428.20		126			
NGS211-32	1428.20	1429.20		212			
NGS211-33	1429.20	1430.20		35			
NGS211-34	1430.20	1431.20		6			
NGS211-35	1431.20	1432.20		18			
NGS211-36	1432.20	1433.20		17			
NGS211-37	1433.20	1434.20		15			

DDH Sample Record

BATTLE MOUNTAIN CANADA LTD.

Property: SCEPTRE

Hole No: NGS-211

Date: Jan. 14, 1997.

Sample #	From	To	Width	Assays			
				Au (ppb)	Check		Final
NGS211-38	1434.20	1435.20		65	53		59
NGS211-39	1435.20	1436.20		55			
NGS211-40	1436.20	1437.20		49			
NGS211-41	1437.20	1438.20		34			
NGS211-42	1438.20	1439.20		53			
NGS211-43	1439.20	1440.20		71			
NGS211-44	1440.20	1441.20		43			
NGS211-45	1441.20	1442.20		72			
NGS211-46	1442.20	1443.20		56			
NGS211-47	1443.20	1444.20		2530	2934		2732
NGS211-48	1444.20	1445.20		652			
NGS211-49	1445.20	1446.20		3089			
NGS211-50	1446.20	1447.40		619			
NGS211-51	1447.40	1448.40		538			
NGS211-52	1448.40	1449.50		182			
NGS211-53	1449.50	1450.50		93			
NGS211-54	1450.50	1451.50		490			
NGS211-55	1451.50	1452.50		3305			
NGS211-56	1452.50	1453.60		858	768		813
NGS211-57	1453.60	1454.60		73			
NGS211-58	1454.60	1455.60		351			
NGS211-59	1455.60	1456.60		1026			
NGS211-60	1456.60	1457.60		2132			
NGS211-61	1457.60	1458.60		967			
NGS211-62	1458.60	1459.60		116			
NGS211-63	1459.60	1460.60		91			
NGS211-64	1460.60	1461.60		199			
NGS211-65	1461.60	1462.60		182	165		174
NGS211-66	1462.60	1463.50		199			
NGS211-67	1463.50	1464.50		57			
NGS211-68	1500.50	1501.50		83			
NGS211-69	1501.50	1502.20		3523			
NGS211-70	1502.20	1503.20		24			
NGS211-71	1503.20	1504.20		29			
NGS211-72	1504.20	1505.20		389			
NGS211-73	1505.20	1506.20		24			
NGS211-74	1506.20	1507.20		26	22		24

**DDH Sample Record**

**BATTLE MOUNTAIN CANADA LTD.**

Property: SCEPTRE

Hole No: NGS-211

Date: Jan. 14, 1997.

Sample #	From	To	Width	Assays			
				Au (ppb)	Check		Final
NGS211-75	1507.20	1508.20		197			
NGS211-76	1508.20	1509.20		150			
NGS211-77	1509.20	1510.20		795			
NGS211-78	1510.20	1511.20		159			
NGS211-79	1511.20	1512.20		39			
NGS211-80	1512.20	1513.20		68			
NGS211-81	1513.20	1514.20		39			
NGS211-82	1514.20	1515.20		32			
NGS211-83	1515.20	1516.20		28	30		29
NGS211-84	1516.20	1517.20		25			
NGS211-85	1517.20	1518.15		110			
NGS211-86	1518.15	1519.00		57			
NGS211-87	1519.00	1520.00		97			
NGS211-88	1520.00	1521.00		37			
NGS211-89	1521.00	1522.00		165			
NGS211-90	1522.00	1523.00		99			
NGS211-91	1523.00	1524.20		91			
NGS211-92	1524.20	1525.20		52			
NGS211-93	1525.20	1526.20		48			
NGS211-94	1526.20	1527.20		57	56		57
NGS211-95	1527.20	1528.20		239			
NGS211-96	1528.20	1529.15		58			
NGS211-97	1529.15	1530.00		73			
NGS211-98	1530.00	1531.00		69			
NGS211-99	1531.00	1532.00		134			
NGS211-100	1532.00	1533.00		65			
NGS211-101	1533.00	1534.00		49			
NGS211-102	1534.00	1535.00		36			
NGS211-103	1535.00	1536.00		38	41		40
NGS211-104	1536.00	1537.00		55			
NGS211-105	1537.00	1537.75		352			
NGS211-106	1537.75	1538.75		81			
NGS211-107	1538.75	1539.75		46			
NGS211-108	1539.75	1540.75		26			
NGS211-109	1540.75	1541.75		125			
NGS211-110	1541.75	1542.75		43			
NGS211-111	1542.75	1543.75		86			

**DDH Sample Record**

**BATTLE MOUNTAIN CANADA LTD.**

Property: SCEPTRE

Hole No: NGS-211

Date: Jan. 14, 1997.

Sample #	From	To	Width	Assays			
				Au (ppb)	Check		Final
NGS211-112	1543.75	1544.75		85	91		88
NGS211-113	1544.75	1545.75		62			
NGS211-114	1545.75	1546.75		37			
NGS211-115	1546.75	1547.75		71			
NGS211-116	1547.75	1549.00		69			
NGS211-117	1549.00	1549.40		93			
NGS211-118	1549.40	1550.40		107			
NGS211-119	1550.40	1551.40		128			
NGS211-120	1551.40	1552.40		155			
NGS211-121	1552.40	1553.40		119	54		87
NGS211-122	1553.40	1554.40		173			
NGS211-123	1554.40	1555.40		176			
NGS211-124	1555.40	1556.40		88			
NGS211-125	1556.40	1557.40		51			
NGS211-126	1557.40	1558.45		46			
NGS211-127	1558.45	1559.45		58			
NGS211-128	1559.45	1560.05		105			
NGS211-129	1560.05	1560.75		37			
NGS211-130	1560.75	1561.75		18	20		19
NGS211-131	1561.75	1562.75		22			
NGS211-132	1562.75	1563.75		17			
NGS211-133	1563.75	1564.75		18			
NGS211-134	1564.75	1565.75		24			
NGS211-135	1565.75	1566.75		42			
NGS211-136	1566.75	1567.75		124			
NGS211-137	1567.75	1568.75		113			
NGS211-138	1568.75	1569.75		100			
NGS211-139	1569.75	1570.75		6278	6808	3043	4437
NGS211-140	1570.75	1571.75		139	127		133
NGS211-141	1571.75	1572.75		2040	1791		19155
NGS211-142	1572.75	1573.60		80			
NGS211-143	1573.60	1574.60		222			
NGS211-144	1574.60	1575.60		101			
NGS211-145	1575.60	1576.60		73			
NGS211-146	1576.60	1577.60		392			
NGS211-147	1577.60	1578.50		370			
NGS211-148	1578.50	1579.50		107			

**DDH Sample Record**

**BATTLE MOUNTAIN CANADA LTD.**

Property: SCEPTRE

Hole No: NGS-211

Date: Jan. 14, 1997.

Sample #	From	To	Width	Assays			
				Au (ppb)	Check		Final
NGS211-149	1579.50	1580.50		92			
NGS211-150	1580.50	1581.50		125			
NGS211-151	1581.50	1582.50		4387			
NGS211-152	1582.50	1583.50		187			
NGS211-153	1583.50	1584.60		84			
NGS211-154	1584.60	1585.45		202			
NGS211-155	1585.45	1586.15		180			
NGS211-156	1586.15	1587.15		1106	854		980
NGS211-157	1587.15	1587.85		1371			
NGS211-158	1587.85	1588.85		536			
NGS211-159	1588.85	1589.85		128			
NGS211-160	1589.85	1590.85		334			
NGS211-161	1590.85	1591.85		1086			
NGS211-162	1591.85	1592.85		371			
NGS211-163	1592.85	1593.85		715			
NGS211-164	1593.85	1594.85		596			
NGS211-165	1594.85	1595.35		428	418		423
NGS211-166	1595.35	1596.35		499			
NGS211-167	1596.35	1597.20		454			
NGS211-168	1597.20	1597.80		864			
NGS211-169	1597.80	1598.80		2636			
NGS211-170	1598.80	1599.80		396			
NGS211-171	1599.80	1600.80		450			
NGS211-172	1600.80	1601.80		608			
NGS211-173	1601.80	1602.80		137			
NGS211-174	1602.80	1603.80		194	186		190
NGS211-175	1603.80	1604.80		361			
NGS211-176	1604.80	1605.80		285			
NGS211-177	1605.80	1606.80		151			
NGS211-178	1606.80	1607.50		213			
NGS211-179	1607.50	1608.50		57616	55629		56623
NGS211-180	1608.50	1609.50		414			
NGS211-181	1609.50	1610.50		281			
NGS211-182	1610.50	1611.50		432			
NGS211-183	1611.50	1612.50		306	281		294
NGS211-184	1612.50	1613.50		270			
NGS211-185	1613.50	1614.50		957			

**DDH Sample Record**

**BATTLE MOUNTAIN CANADA LTD.**

Property: SCEPTRE

Hole No: NGS-211

Date: Jan. 14, 1997.

Sample #	From	To	Width	Assays			
				Au (ppb)	Check		Final
NGS211-186	1614.50	1615.50		204			
NGS211-187	1615.50	1616.50		273			
NGS211-188	1616.50	1617.50		376			
NGS211-189	1617.50	1618.50		369			
NGS211-190	1618.50	1619.50		258			
NGS211-191	1619.50	1620.50		459			
NGS211-192	1620.50	1621.50		424	425		425
NGS211-193	1621.50	1622.50		373			
NGS211-194	1622.50	1623.50		574			
NGS211-195	1623.50	1624.50		574			
NGS211-196	1624.50	1625.50		430			
NGS211-197	1625.50	1626.50		414			
NGS211-198	1626.50	1627.50		385			
NGS211-199	1627.50	1628.50		331			
NGS211-200	1628.50	1629.50		340			
NGS211-201	1629.50	1630.50		1937	1970		1954
NGS211-202	1630.50	1631.45		762			
NGS211-203	1631.45	1631.85		195			
NGS211-204	1631.85	1632.85		587			
NGS211-205	1632.85	1633.85		524			
NGS211-206	1633.85	1634.85		169			
NGS211-207	1634.85	1635.85		183			
NGS211-208	1635.85	1636.85		181			
NGS211-209	1636.85	1637.85		154			
NGS211-210	1637.85	1638.85		211	215		213
NGS211-211	1638.85	1639.85		181			
NGS211-212	1639.85	1640.75		225			
NGS211-213	1640.75	1641.80		290			
NGS211-214	1641.80	1642.80		243			
NGS211-215	1642.80	1643.80		41			
NGS211-216	1643.80	1644.80		225			
NGS211-217	1644.80	1645.80		168			
NGS211-218	1645.80	1646.80		178			
NGS211-219	1646.80	1647.80		59	57		58
NGS211-220	1647.80	1648.80		61			
NGS211-221	1648.80	1649.80		65			
NGS211-222	1649.80	1650.80		186			

**DDH Sample Record**

**BATTLE MOUNTAIN CANADA LTD.**

Property: SCEPTRE

Hole No: NGS-211

Date: Jan. 14, 1997.

Sample #	From	To	Width	Assays			
				Au (ppb)	Check		Final
NGS211-223	1650.80	1651.80		116			
NGS211-224	1651.80	1652.80		125			
NGS211-225	1652.80	1653.80		163			
NGS211-226	1653.80	1654.80		348			
NGS211-227	1654.80	1655.80		79			
NGS211-228	1655.80	1656.80		33	39		36
NGS211-229	1656.80	1657.80		34			
NGS211-230	1657.80	1658.80		25			
NGS211-231	1658.80	1659.80		27			
NGS211-232	1659.80	1660.80		107			
NGS211-233	1660.80	1661.80		370			
NGS211-234	1661.80	1662.30		937			
NGS211-235	1662.30	1663.50		363			
NGS211-236	1663.50	1664.50		262			
NGS211-237	1664.50	1665.50		58	107		83
NGS211-238	1665.50	1666.50		25			
NGS211-239	1666.50	1667.50		151			
NGS211-240	1667.50	1668.30		395			
NGS211-241	1668.30	1669.60		227			
NGS211-242	1669.60	1670.60		563			
NGS211-243	1670.60	1671.25		821			
NGS211-244	1671.25	1671.90		775			
NGS211-245	1671.90	1672.90		411			
NGS211-246	1672.90	1673.90		197	197		197
NGS211-247	1673.90	1675.20		163			
NGS211-248	1675.20	1675.75		1828			
NGS211-249	1675.75	1676.65		9914			
NGS211-250	1676.65	1677.45		1093			
NGS211-251	1677.45	1678.45		1291			
NGS211-252	1678.45	1679.45		347			
NGS211-253	1679.45	1680.45		519			
NGS211-254	1680.45	1681.55		781			
NGS211-255	1681.55	1683.10		699			
NGS211-256	1683.10	1683.65		742			
NGS211-257	1683.65	1684.65		276			
NGS211-258	1684.65	1685.65		258			
NGS211-259	1685.65	1686.65		431			

**DDH Sample Record**

**BATTLE MOUNTAIN CANADA LTD.**

Property: SCEPTRE

Hole No: NGS-211

Date: Jan. 14, 1997.

Sample #	From	To	Width	Assays			
				Au (ppb)	Check		Final
NGS211-260	1686.65	1687.65		342			
NGS211-261	1687.65	1688.65		269	266		268
NGS211-262	1688.65	1689.65		620			
NGS211-263	1689.65	1690.65		282			
NGS211-264	1690.65	1691.65		638			
NGS211-265	1691.65	1692.65		170			
NGS211-266	1692.65	1694.15		145			
NGS211-267	1694.15	1695.15		67			
NGS211-268	1695.15	1696.15		29			
NGS211-269	1696.15	1697.15		34			
NGS211-270	1697.15	1698.15		62	65		64
NGS211-271	1698.15	1699.15		23			
NGS211-272	1699.15	1700.15		36			
NGS211-273	1700.15	1701.15		24			
NGS211-274	1701.15	1702.15		24			
NGS211-275	1702.15	1703.15		18			
NGS211-276	1703.15	1704.15		33			
NGS211-277	1704.15	1705.15		40			
NGS211-278	1705.15	1706.15		78			
NGS211-279	1706.15	1707.15		109	138		124
NGS211-280	1707.15	1708.15		39			
NGS211-281	1708.15	1709.15		92			
NGS211-282	1709.15	1709.90		207			
NGS211-283	1709.90	1710.80		89			
NGS211-284	1710.80	1711.80		131			
NGS211-285	1711.80	1712.80		89			
NGS211-286	1712.80	1713.80		63			
NGS211-287	1713.80	1714.80		61			
NGS211-288	1714.80	1715.80		101	107		104
NGS211-289	1715.80	1716.80		152			
NGS211-290	1716.80	1717.80		266			
NGS211-291	1717.80	1718.80		241			
NGS211-292	1718.80	1719.80		242			
NGS211-293	1719.80	1720.80		197			
NGS211-294	1720.80	1721.80		155			
NGS211-295	1721.80	1722.80		210			
NGS211-296	1722.80	1723.80		132			

**DDH Sample Record**

**BATTLE MOUNTAIN CANADA LTD.**

Property: SCEPTRE

Hole No: NGS-211

Date: Jan. 14, 1997.

Sample #	From	To	Width	Assays			
				Au (ppb)	Check		Final
NGS211-297	1723.80	1724.80		270	250		260
NGS211-298	1724.80	1725.80		182			
NGS211-299	1725.80	1726.80		259			
NGS211-300	1726.80	1727.80		178			
NGS211-301	1727.80	1728.35		189			
NGS211-302	1728.35	1729.20		485			
NGS211-303	1729.20	1730.00		244			
NGS211-304	1730.00	1730.65		462			
NGS211-305	1730.65	1731.65		126			
NGS211-306	1731.65	1732.35		79	94		86
NGS211-307	1732.35	1732.85		342			
NGS211-308	1732.85	1733.45		466			
NGS211-309	1733.45	1734.45		116			
NGS211-310	1734.45	1735.60		240			
NGS211-311	1735.60	1736.65		227			
NGS211-312	1736.65	1737.65		76			
NGS211-313	1737.65	1738.65		64			
NGS211-314	1738.65	1739.65		86			
NGS211-315	1739.65	1741.15		160			
NGS211-316	1741.15	1742.20		146			
NGS211-317	1742.20	1742.55		105			
NGS211-318	1742.55	1743.55		29			
NGS211-319	1743.55	1744.55		53			
NGS211-320	1744.55	1745.55		47			
NGS211-321	1745.55	1746.55		24			
NGS211-322	1746.55	1747.55		30			
NGS211-323	1747.55	1748.55		12			
NGS211-324	1748.55	1749.55		22	25		24
NGS211-325	1749.55	1750.55		36			
NGS211-326	1750.55	1751.70		73			
NGS211-327	1751.70	1752.70		91			
NGS211-328	1752.70	1753.70		26			
NGS211-329	1753.70	1754.70		75			
NGS211-330	1754.70	1755.70		25			
NGS211-331	1755.70	1756.75		18			
NGS211-332	1756.75	1757.75		103			
NGS211-333	1757.75	1758.95		96			

DDH Sample Record

BATTLE MOUNTAIN CANADA LTD.

Property: SCEPTRE

Hole No: NGS-211

Date: Jan. 14, 1997.

Sample #	From	To	Width	Assays			
				Au (ppb)	Check		Final
NGS211-334	1758.95	1759.95		21			
NGS211-335	1759.95	1760.95		16			
NGS211-336	1760.95	1761.60		26	23		25
NGS211-337	1761.60	1762.60		76			
NGS211-338	1762.60	1763.60		44			
NGS211-339	1763.60	1764.60		20			
NGS211-340	1764.60	1765.60		40			
NGS211-341	1765.60	1766.60		30			
NGS211-342	1766.60	1767.60		49			
NGS211-343	1767.60	1768.60		262			
NGS211-344	1768.60	1769.60		174			
NGS211-345	1769.60	1770.60		101	90		96
NGS211-346	1770.60	1771.60		130			
NGS211-347	1771.60	1772.60		173			
NGS211-348	1772.60	1773.60		403			
NGS211-349	1773.60	1774.60		205			
NGS211-350	1774.60	1775.60		90			
NGS211-351	1775.60	1776.60		90			
NGS211-352	1776.60	1777.40		62			
NGS211-353	1777.40	1778.25		77			
NGS211-354	1778.25	1779.15		76	72		74
NGS211-355	1779.15	1780.15		136			
NGS211-356	1780.15	1781.15		82			
NGS211-357	1781.15	1782.15		55			
NGS211-358	1782.15	1783.15		65			
NGS211-359	1783.15	1784.15		43			
NGS211-360	1784.15	1784.80		19			
NGS211-361	1784.80	1785.80		28			
NGS211-362	1785.80	1786.80		195			
NGS211-363	1786.80	1787.80		92	94		93
NGS211-364	1787.80	1788.70		248			
NGS211-365	1788.70	1789.15		56			
NGS211-366	1789.15	1790.25		512			
NGS211-367	1790.25	1791.25		22			
NGS211-368	1791.25	1792.05		13			
NGS211-369	1793.95	1794.95		11			
NGS211-370	1794.95	1795.95		6			

DDH Sample Record

BATTLE MOUNTAIN CANADA LTD.

Property: SCEPTRE

Hole No: NGS-211

Date: Jan. 14, 1997.

Sample #	From	To	Width	Assays			
				Au (ppb)	Check		Final
NGS211-371	1795.95	1796.95		13			
NGS211-372	1796.95	1797.95		9	<5		7
NGS211-373	1797.95	1798.95		9			
NGS211-374	1798.95	1799.95		<5			
NGS211-375	1799.95	1800.95		7			
NGS211-376	1800.95	1801.95		7			
NGS211-377	1801.95	1802.95		13			
NGS211-378	1802.95	1803.55		<5			
NGS211-379	1816.15	1817.15		48			
NGS211-380	1817.15	1817.55		373			
NGS211-381	1817.55	1818.55		29	25		27
NGS211-382	1818.55	1819.55		85			
NGS211-383	1819.55	1820.45		18			
NGS211-384	1820.45	1821.55		59			
NGS211-385	1821.55	1822.55		124			
NGS211-386	1822.55	1823.55		149			
NGS211-387	1823.55	1824.55		148			
NGS211-388	1824.55	1825.55		93			
NGS211-389	1833.85	1834.85		23			
NGS211-390	1834.85	1835.85		76	69		73
NGS211-391	1835.85	1836.85		170			
NGS211-392	1836.85	1837.70		412			
NGS211-393	1837.70	1838.20		106			
NGS211-394	1838.20	1839.00		1119			
NGS211-395	1839.00	1839.90		1132			
NGS211-396	1839.90	1840.90		290			
NGS211-397	1840.90	1841.90		171			
NGS211-398	1841.90	1842.90		102			
NGS211-399	1842.90	1843.40		90			
NGS211-400	1843.40	1844.40		192			
NGS211-401	1844.40	1845.40		1318			
NGS211-402	1845.40	1846.40		506			
NGS211-403	1846.40	1847.40		725			
NGS211-404	1847.40	1848.40		1530			
NGS211-405	1848.40	1849.40		599	685		642
NGS211-406	1849.40	1850.40		21656	15497		18577
NGS211-407	1850.40	1851.40		907			

**DDH Sample Record**

**BATTLE MOUNTAIN CANADA LTD.**

**Property:** SCEPTRE

**Hole No:** NGS-211

**Date:** Jan. 14, 1997.

Sample #	From	To	Width	Assays			
				Au (ppb)	Check		Final
NGS211-408	1851.40	1852.40		20			
NGS211-409	1852.40	1853.40		29			
NGS211-410	1853.40	1854.40		112			
NGS211-411	1854.40	1855.20		28609	20331		23002
NGS211-412	1855.20	1856.20		202			
NGS211-413	1856.20	1857.20		25			
NGS211-414	1857.20	1858.20		39	31		35
NGS211-415	1858.20	1859.20		34			
NGS211-416	1859.20	1860.20		26			
NGS211-417	1860.20	1861.70		52			



# ACCURASSAY LABORATORIES

A DIVISION OF ASSAY LABORATORY SERVICES INC.

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

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## 2.17923

BATTLE MOUNTAIN CANADA INC.  
40 MANITOU RD., P.O. BOX 100, SUITE 103  
MANITOUWADGE, ONTARIO  
P0T 2C0  
FAX (807)826-4440  
ATTENTION: COLIN MACKENZIE

Mar. 5, 1997

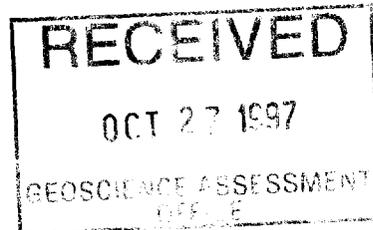
Job# 9740128

Project # 490

	SAMPLE #	
Accurassay	Customer	

Gold  
ppb

Gold  
Oz/t



52	NGS-211-1	<5	<0.001
53	NGS-211-2	10	<0.001
54	NGS-211-3	<5	<0.001
55	NGS-211-4	<5	<0.001

Certified By: Suzanna Wilford



# ACCURASSAY LABORATORIES

A DIVISION OF ASSAY LABORATORY SERVICES INC.

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

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BATTLE MOUNTAIN CANADA INC.  
40 MANITOU RD., P.O. BOX 100, SUITE 103  
MANITOUWADGE, ONTARIO  
POT 2C0  
FAX (807) 826-4440  
ATTENTION: COLIN MACKENZIE

Mar. 10, 1997

Job# 9740139

Project # 490

Accurassay	SAMPLE # Customer	Gold ppb	Gold Oz/t
1	NGS-211-5	6	<0.001
2	NGS-211-6	7	<0.001
3	NGS-211-7	<5	<0.001
4	NGS-211-8	10	<0.001
5	NGS-211-9	<5	<0.001
6	NGS-211-10	<5	<0.001
7	NGS-211-11	6	<0.001
8	NGS-211-12	<5	<0.001
9	NGS-211-13	<5	<0.001
10	NGS-211-14	<5	<0.001
11	Check NGS-211-14	<5	<0.001
12	NGS-211-15	<5	<0.001
13	NGS-211-16	<5	<0.001
14	NGS-211-17	9	<0.001
15	NGS-211-18	<5	<0.001
16	NGS-211-19	<5	<0.001
17	NGS-211-20	<5	<0.001
18	NGS-211-21	<5	<0.001

Certified By: \_\_\_\_\_

*Suzanne Walford*



# ACCURASSAY LABORATORIES

A DIVISION OF ASSAY LABORATORY SERVICES INC.

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

Page 1

BATTLE MOUNTAIN CANADA INC.  
40 MANITOU RD., P.O. BOX 100, SUITE 103  
MANITOUWADGE, ONTARIO  
POT 2C0  
FAX (807) 826-4440  
ATTENTION: COLIN MACKENZIE

Mar. 18, 1997

Job# 9740149

Project # 490

Accurassay	SAMPLE # Customer	Gold ppb	Gold Oz/t
1	NGS-211-22	9	<0.001
2	NGS-211-23	6	<0.001
3	NGS-211-24	55	0.002
4	NGS-211-25	6	<0.001
5	NGS-211-26	6	<0.001
6	NGS-211-27/28	35	<0.001

Certified By: \_\_\_\_\_

*As Bever*



# ACCURASSAY LABORATORIES

A DIVISION OF ASSAY LABORATORY SERVICES INC.

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

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BATTLE MOUNTAIN CANADA INC.  
40 MANITOU RD., P.O. BOX 100, SUITE 103  
MANITOUWADGE, ONTARIO  
P0T 2C0  
FAX (807) 826-4440  
ATTENTION: COLIN MACKENZIE

Mar. 19, 1997

Job# 9740154

Project # 490

Accurassay	SAMPLE # Customer	Gold ppb	Gold Oz/t
	1 NGS-211-29	624	0.018
	2 NGS-211-30	41	0.001
	3 NGS-211-31	126	0.004
	4 NGS-211-32	212	0.006
	5 NGS-211-33	35	<0.001
	6 NGS-211-34	6	<0.001
	7 NGS-211-35	18	<0.001
	8 NGS-211-36	17	<0.001
	9 NGS-211-37	15	<0.001
	10 NGS-211-38	65	0.002
	11 Check NGS-211-38	53	0.002
	12 NGS-211-39	55	0.002
	13 NGS-211-40	49	0.001
	14 NGS-211-41	34	<0.001
	15 NGS-211-42	53	0.002
	16 NGS-211-43	71	0.002
	17 NGS-211-44	43	0.001
	18 NGS-211-45	72	0.002
	19 NGS-211-46	56	0.002
	20 NGS-211-47	2530	0.074
	21 Check NGS-211-47	2934	0.086
	22 NGS-211-48	652	0.019
	23 NGS-211-49	3089	0.090
	24 NGS-211-50	619	0.018
	25 NGS-211-51	538	0.016
	26 NGS-211-52	182	0.005
	27 NGS-211-53	93	0.003
	28 NGS-211-54	490	0.014
	29 NGS-211-55	3305	0.096

Certified By: \_\_\_\_\_





# ACCURASSAY LABORATORIES

A DIVISION OF ASSAY LABORATORY SERVICES INC.

1070 LITHIUM DRIVE, UNIT 2  
THUNDER BAY, ONTARIO P7B 6G3  
PHONE (807) 623-6448  
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BATTLE MOUNTAIN CANADA INC.  
40 MANITOU RD., P.O. BOX 100, SUITE 103  
MANITOUWADGE, ONTARIO  
P0T 2C0  
FAX (807)826-4440  
ATTENTION: COLIN MACKENZIE

Mar. 19, 1997

Job# 9740154

Project # 490

Accurassay	SAMPLE # Customer	Gold ppb	Gold Oz/t
	30	858	0.025
	31 Check	768	0.022
	32	73	0.002
	33	351	0.010
	34	1026	0.030
	35	2132	0.062
	36	967	0.028
	37	116	0.003
	38	91	0.003
	39	199	0.006
	40	182	0.005
	41 Check	165	0.005
	42	199	0.006
	43	57	0.002
	44	83	0.002
	45	3523	0.103
	46	24	<0.001
	47	29	<0.001
	48	389	0.011
	49	24	<0.001
	50	26	<0.001
	51 Check	22	<0.001
	52	197	0.006
	53	150	0.004
	54	795	0.023
	55	159	0.005
	56	39	0.001
	57	68	0.002
	58	39	0.001
	59	32	<0.001

Certified By: \_\_\_\_\_



# ACCURASSAY LABORATORIES

A DIVISION OF ASSAY LABORATORY SERVICES INC.

1070 LITHIUM DRIVE, UNIT 2  
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BATTLE MOUNTAIN CANADA INC.  
40 MANITOU RD., P.O. BOX 100, SUITE 103  
MANITOUWADGE, ONTARIO  
POT 2C0  
FAX (807) 826-4440  
ATTENTION: COLIN MACKENZIE

Mar. 19, 1997

Job# 9740154

Project # 490

Accurassay	SAMPLE # Customer	Gold ppb	Gold Oz/t
60	NGS-211-83	28	<0.001
61 Check	NGS-211-83	30	<0.001
62	NGS-211-84	25	<0.001

Certified By: \_\_\_\_\_



# ACCURASSAY LABORATORIES

A DIVISION OF ASSAY LABORATORY SERVICES INC.

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

Page 1

BATTLE MOUNTAIN CANADA INC.  
40 MANITOU RD., P.O. BOX 100, SUITE 103  
MANITOUWADGE, ONTARIO  
P0T 2C0  
FAX (807) 826-4440  
ATTENTION: COLIN MACKENZIE

Mar. 20, 1997

Job# 9740157

Project # 490

Accurassay	SAMPLE # Customer	Gold ppb	Gold Oz/t
1	NGS-211-85	110	0.003
2	NGS-211-86	57	0.002
3	NGS-211-87	97	0.003
4	NGS-211-88	37	0.001
5	NGS-211-89	165	0.005
6	NGS-211-90	99	0.003
7	NGS-211-91	91	0.003
8	NGS-211-92	52	0.002
9	NGS-211-93	48	0.001
10	NGS-211-94	57	0.002
11	Check NGS-211-94	56	0.002
12	NGS-211-95	239	0.007
13	NGS-211-96	58	0.002
14	NGS-211-97	73	0.002
15	NGS-211-98	69	0.002
16	NGS-211-99	134	0.004
17	NGS-211-100	65	0.002
18	NGS-211-101	49	0.001
19	NGS-211-102	36	0.001
20	NGS-211-103	38	0.001
21	Check NGS-211-103	41	0.001
22	NGS-211-104	55	0.002
23	NGS-211-105	352	0.010
24	NGS-211-106	81	0.002
25	NGS-211-107	46	0.001
26	NGS-211-108	26	<0.001
27	NGS-211-109	125	0.004
28	NGS-211-110	43	0.001
29	NGS-211-111	86	0.003

Certified By: \_\_\_\_\_



# ACCURASSAY LABORATORIES

A DIVISION OF ASSAY LABORATORY SERVICES INC.

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

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BATTLE MOUNTAIN CANADA INC.  
40 MANITOU RD., P.O. BOX 100, SUITE 103  
MANITOUWADGE, ONTARIO  
P0T 2C0  
FAX (807)826-4440  
ATTENTION: COLIN MACKENZIE

Mar. 20, 1997

Job# 9740157

Project # 490

Accurassay	SAMPLE # Customer	Gold ppb	Gold Oz/t
	30 NGS-211-112	85	0.002
	31 Check NGS-211-112	91	0.003
	32 NGS-211-113	62	0.002
	33 NGS-211-114	37	0.001
	34 NGS-211-115	71	0.002
	35 NGS-211-116	69	0.002
	36 NGS-211-117	93	0.003
	37 NGS-211-118	107	0.003
	38 NGS-211-119	128	0.004
	39 NGS-211-120	155	0.005
	40 NGS-211-121	119	0.003
	41 Check NGS-211-121	54	0.002
	42 NGS-211-122	173	0.005
	43 NGS-211-123	176	0.005
	44 NGS-211-124	88	0.003
	45 NGS-211-125	51	0.001
	46 NGS-211-126	46	0.001
	47 NGS-211-127	58	0.002
	48 NGS-211-128	105	0.003
	49 NGS-211-129	37	0.001
	50 NGS-211-130	18	<0.001
	51 Check NGS-211-130	20	<0.001
	52 NGS-211-131	22	<0.001
	53 NGS-211-132	17	<0.001
	54 NGS-211-133	18	<0.001
	55 NGS-211-134	24	<0.001
	56 NGS-211-135	42	0.001
	57 NGS-211-136	124	0.004
	58 NGS-211-137	113	0.003
	59 NGS-211-138	100	0.003

Certified By:





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ATTENTION: COLIN MACKENZIE

Mar. 20, 1997

Job# 9740157

Project # 490

Accurassay	SAMPLE # Customer	Gold ppb	Gold Oz/t
60	NGS-211-139	6278	0.183
61 Check	NGS-211-139	6808	0.199
62	NGS-211-140	139	0.004
63	NGS-211-141	2040	0.059
64	NGS-211-142	80	0.002
65	NGS-211-143	222	0.006
66	NGS-211-144	101	0.003
67	NGS-211-145	73	0.002
68	NGS-211-146	392	0.011

Certified By: \_\_\_\_\_



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BATTLE MOUNTAIN CANADA INC.  
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FAX (807) 826-4440  
ATTENTION: COLIN MACKENZIE

Mar. 20, 1997

Job# 9740157

REASSAY'S (REJECTS) Project # 490

Accurassay	SAMPLE # Customer	Gold ppb	Gold Oz/t
	1st Cuts		
60	NGS-211-139	6278	0.183
61 Check	NGS-211-139	6808	0.199
	2nd Cuts		
60	NGS-211-139	2891	0.084
61 Check	NGS-211-139	3043	0.089
62	NGS-211-140	127	0.004
63	NGS-211-141	1791	0.052
	3rd Cuts		
60	NGS-211-139	4709	0.137
61 Check	NGS-211-139	4437	0.129

Certified By:



# ACCURASSAY LABORATORIES

A DIVISION OF ASSAY LABORATORY SERVICES INC.

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BATTLE MOUNTAIN CANADA INC.  
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P0T 2C0  
FAX (807) 826-4440  
ATTENTION: COLIN MACKENZIE

Mar. 21, 1997

Job# 9740162

Project # 490

Accurassay	SAMPLE # Customer	Gold ppb	Gold Oz/t
1	NGS-211-147	370	0.011
2	NGS-211-148	107	0.003
3	NGS-211-149	92	0.003
4	NGS-211-150	125	0.004
5	NGS-211-151	4387	0.128
6	NGS-211-152	187	0.005
7	NGS-211-153	84	0.002
8	NGS-211-154	202	0.006
9	NGS-211-155	180	0.005
10	NGS-211-156	1106	0.032
11	Check NGS-211-156	854	0.025
12	NGS-211-157	1371	0.040
13	NGS-211-158	536	0.016
14	NGS-211-159	128	0.004
15	NGS-211-160	334	0.010
16	NGS-211-161	1086	0.032
17	NGS-211-162	371	0.011
18	NGS-211-163	715	0.021
19	NGS-211-164	596	0.017
20	NGS-211-165	428	0.012
21	Check NGS-211-165	418	0.012
22	NGS-211-166	499	0.015
23	NGS-211-167	454	0.013
24	NGS-211-168	864	0.025
25	NGS-211-169	2636	0.077
26	NGS-211-170	396	0.012
27	NGS-211-171	450	0.013
28	NGS-211-172	608	0.018
29	NGS-211-173	137	0.004

Certified By: \_\_\_\_\_



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ATTENTION: COLIN MACKENZIE

Mar. 21, 1997

Job# 9740162

Project # 490

Accurassay	SAMPLE # Customer	Gold ppb	Gold Oz/t
	30 NGS-211-174	194	0.006
	31 Check NGS-211-174	186	0.005
	32 NGS-211-175	361	0.011
	33 NGS-211-176	285	0.008
	34 NGS-211-177	151	0.004
	35 NGS-211-178	213	0.006
	36 NGS-211-179	57616	1.681
	36 Check NGS-211-179	55629	1.623
	37 NGS-211-180	414	0.012
	38 NGS-211-181	281	0.008
	39 NGS-211-182	432	0.013
	40 NGS-211-183	306	0.009
	41 Check NGS-211-183	281	0.008
	42 NGS-211-184	270	0.008
	43 NGS-211-185	957	0.028
	44 NGS-211-186	204	0.006
	45 NGS-211-187	273	0.008
	46 NGS-211-188	376	0.011
	47 NGS-211-189	369	0.011
	48 NGS-211-190	258	0.008
	49 NGS-211-191	459	0.013
	50 NGS-211-192	424	0.012
	51 Check NGS-211-192	425	0.012
	52 NGS-211-193	373	0.011
	53 NGS-211-194/195	574	0.017
	55 NGS-211-196	430	0.013
	56 NGS-211-197	414	0.012
	57 NGS-211-198	385	0.011
	58 NGS-211-199	331	0.010
	59 NGS-211-200	340	0.010

Certified By: \_\_\_\_\_





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ATTENTION: COLIN MACKENZIE

Mar. 21, 1997

Job# 9740162

Project # 490

Accurassay	SAMPLE # Customer	Gold ppb	Gold Oz/t
	60 NGS-211-201	1937	0.057
	61 Check NGS-211-201	1970	0.057
	62 NGS-211-202	762	0.022
	63 NGS-211-203	195	0.006
	64 NGS-211-204	587	0.017
	65 NGS-211-205	524	0.015
	66 NGS-211-206	169	0.005
	67 NGS-211-207	183	0.005
	68 NGS-211-208	181	0.005
	69 NGS-211-209	154	0.004
	70 NGS-211-210	211	0.006
	71 Check NGS-211-210	215	0.006
	72 NGS-211-211	181	0.005
	73 NGS-211-212	225	0.007
	74 NGS-211-213	290	0.008
	75 NGS-211-214	243	0.007
	76 NGS-211-215	41	0.001
	77 NGS-211-216	225	0.007
	78 NGS-211-217	168	0.005
	79 NGS-211-218	178	0.005
	80 NGS-211-219	59	0.002
	81 Check NGS-211-219	57	0.002
	82 NGS-211-220	61	0.002
	83 NGS-211-221	65	0.002
	84 NGS-211-222	186	0.005
	85 NGS-211-223	116	0.003
	86 NGS-211-224	125	0.004
	87 NGS-211-225	163	0.005
	88 NGS-211-226	348	0.010
	89 NGS-211-227	79	0.002

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ATTENTION: COLIN MACKENZIE

Mar. 21, 1997

Job# 9740162

Project # 490

Accurassay	SAMPLE # Customer	Gold ppb	Gold Oz/t
90	NGS-211-228	33	<0.001
91 Check	NGS-211-228	39	0.001
92	NGS-211-229	34	<0.001
93	NGS-211-230	25	<0.001
94	NGS-211-231	27	<0.001
95	NGS-211-232	107	0.003
96	NGS-211-233	370	0.011
97	NGS-211-234	937	0.027
98	NGS-211-235	363	0.011
99	NGS-211-236	262	0.008
100	NGS-211-237	58	0.002
101 Check	NGS-211-237	107	0.003
102	NGS-211-238	25	<0.001
103	NGS-211-239	151	0.004
104	NGS-211-240	395	0.012
105	NGS-211-241	227	0.007
106	NGS-211-242	563	0.016
107	NGS-211-243	821	0.024
108	NGS-211-244	775	0.023
109	NGS-211-245	411	0.012
110	NGS-211-246	197	0.006
111 Check	NGS-211-246	197	0.006
112	NGS-211-247	163	0.005
113	NGS-211-248	1828	0.053
114	NGS-211-249	9914	0.289
115	NGS-211-250	1093	0.032
116	NGS-211-251	1291	0.038

Certified By: \_\_\_\_\_



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P0T 2C0  
FAX (807) 826-4440  
ATTENTION: COLIN MACKENZIE

Mar. 24, 1997

Job# 9740170

Project # 490

Accurassay	SAMPLE # Customer	Gold ppb	Gold Oz/t
	1 NGS-211-252	347	0.010
	2 NGS-211-253	519	0.015
	3 NGS-211-254	781	0.023
	4 NGS-211-255	699	0.020
	5 NGS-211-256	742	0.022
	6 NGS-211-257	276	0.008
	7 NGS-211-258	258	0.008
	8 NGS-211-259	431	0.013
	9 NGS-211-260	342	0.010
	10 NGS-211-261	269	0.008
	11 Check NGS-211-261	266	0.008
	12 NGS-211-262	620	0.018
	13 NGS-211-263	282	0.008
	14 NGS-211-264	638	0.019
	15 NGS-211-265	170	0.005
	16 NGS-211-266	145	0.004
	17 NGS-211-267	67	0.002
	18 NGS-211-268	29	<0.001
	19 NGS-211-269	34	<0.001
	20 NGS-211-270	62	0.002
	21 Check NGS-211-270	65	0.002
	22 NGS-211-271	23	<0.001
	23 NGS-211-272	36	0.001
	24 NGS-211-273	24	<0.001
	25 NGS-211-274	24	<0.001
	26 NGS-211-275	18	<0.001
	27 NGS-211-276	33	<0.001
	28 NGS-211-277	40	0.001
	29 NGS-211-278	78	0.002

Certified By: \_\_\_\_\_



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ATTENTION: COLIN MACKENZIE

Mar. 24, 1997

Job# 9740170

Project # 490

Accurassay	SAMPLE # Customer	Gold ppb	Gold Oz/t
	30 NGS-211-279	109	0.003
	31 Check NGS-211-279	138	0.004
	32 NGS-211-280	39	0.001
	33 NGS-211-281	92	0.003
	34 NGS-211-282	207	0.006
	35 NGS-211-283	89	0.003
	36 NGS-211-284	131	0.004
	37 NGS-211-285	89	0.003
	38 NGS-211-286	63	0.002
	39 NGS-211-287	61	0.002
	40 NGS-211-288	101	0.003
	41 Check NGS-211-288	107	0.003
	42 NGS-211-289	152	0.004
	43 NGS-211-290	266	0.008
	44 NGS-211-291	241	0.007
	45 NGS-211-292	242	0.007
	46 NGS-211-293	197	0.006
	47 NGS-211-294	155	0.005
	48 NGS-211-295	210	0.006
	49 NGS-211-296	132	0.004
	50 NGS-211-297	270	0.008
	51 Check NGS-211-297	250	0.007
	52 NGS-211-298	182	0.005
	53 NGS-211-299	259	0.008
	54 NGS-211-300	178	0.005
	55 NGS-211-301	189	0.006
	56 NGS-211-302	485	0.014
	57 NGS-211-303	244	0.007
	58 NGS-211-304	462	0.013
	59 NGS-211-305	126	0.004

Certified By: \_\_\_\_\_



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ATTENTION: COLIN MACKENZIE

Mar. 24, 1997

Job# 9740170

Project # 490

Accurassay	SAMPLE # Customer	Gold ppb	Gold Oz/t
60	NGS-211-306	79	0.002
61 Check	NGS-211-306	94	0.003
62	NGS-211-307	342	0.010
63	NGS-211-308	466	0.014
64	NGS-211-309	116	0.003
65	NGS-211-310	240	0.007
66	NGS-211-311	227	0.007
67	NGS-211-312	76	0.002
68	NGS-211-313	64	0.002
69	NGS-211-314	86	0.003
70	NGS-211-315	160	0.005
71 Check	NGS-211-315	146	0.004
72	NGS-211-316	105	0.003
73	NGS-211-317	29	<0.001
74	NGS-211-318	53	0.002
75	NGS-211-319	47	0.001
76	NGS-211-320	54	0.002
77	NGS-211-321	24	<0.001
78	NGS-211-322	30	<0.001
79	NGS-211-323	12	<0.001
80	NGS-211-324	22	<0.001
81 Check	NGS-211-324	25	<0.001
82	NGS-211-325	36	<0.001
83	NGS-211-326	73	0.002

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ATTENTION: COLIN MACKENZIE

Mar. 24, 1997

Job# 9740169

Project # 490

Accurassay	SAMPLE # Customer	Gold ppb	Gold Oz/t
1	NGS-211-327	91	0.003
2	NGS-211-328	26	<0.001
3	NGS-211-329	75	0.002
4	NGS-211-330	25	<0.001
5	NGS-211-331	18	<0.001
6	NGS-211-332	103	0.003
7	NGS-211-333	96	0.003
8	NGS-211-334	21	<0.001
9	NGS-211-335	16	<0.001
10	NGS-211-336	26	<0.001
11	Check NGS-211-336	23	<0.001
12	NGS-211-337	76	0.002
13	NGS-211-338	44	0.001
14	NGS-211-339	20	<0.001
15	NGS-211-340	40	0.001
16	NGS-211-341	30	<0.001
17	NGS-211-342	49	0.001
18	NGS-211-343	262	0.008
19	NGS-211-344	174	0.005
20	NGS-211-345	101	0.003
21	Check NGS-211-345	90	0.003
22	NGS-211-346	130	0.004
23	NGS-211-347	173	0.005
24	NGS-211-348	403	0.012
25	NGS-211-349	205	0.006
26	NGS-211-350	90	0.003
27	NGS-211-351	90	0.003
28	NGS-211-352	62	0.002
29	NGS-211-353	77	0.002

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Mar. 24, 1997

Job# 9740169

Project # 490

Accurassay	SAMPLE # Customer	Gold ppb	Gold Oz/t
	30 NGS-211-354	76	0.002
	31 Check NGS-211-354	72	0.002
	32 NGS-211-355	136	0.004
	33 NGS-211-356	82	0.002
	34 NGS-211-357	55	0.002
	35 NGS-211-358	65	0.002
	36 NGS-211-359	43	0.001
	37 NGS-211-360	19	<0.001
	38 NGS-211-361	28	<0.001
	39 NGS-211-362	195	0.006
	40 NGS-211-363	92	0.003
	41 Check NGS-211-363	94	0.003
	42 NGS-211-364	248	0.007
	43 NGS-211-365	56	0.002
	44 NGS-211-366	512	0.015
	45 NGS-211-367	22	<0.001
	46 NGS-211-368	13	<0.001
	47 NGS-211-369	11	<0.001
	48 NGS-211-370	6	<0.001
	49 NGS-211-371	13	<0.001
	50 NGS-211-372	9	<0.001
	51 Check NGS-211-372	<5	<0.001
	52 NGS-211-373	9	<0.001
	53 NGS-211-374	<5	<0.001
	54 NGS-211-375	7	<0.001
	55 NGS-211-376	7	<0.001
	56 NGS-211-377	13	<0.001
	57 NGS-211-378	<5	<0.001
	58 NGS-211-379	48	0.001
	59 NGS-211-380	373	0.011

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ATTENTION: COLIN MACKENZIE

Mar. 24, 1997

Job# 9740169

Project # 490

Accurassay	SAMPLE # Customer	Gold ppb	Gold Oz/t
60	NGS-211-381	29	<0.001
61 Check	NGS-211-381	25	<0.001
62	NGS-211-382	85	0.002
63	NGS-211-383	18	<0.001
64	NGS-211-384	59	0.002
65	NGS-211-385	124	0.004
66	NGS-211-386	149	0.004
67	NGS-211-387	148	0.004
68	NGS-211-388	93	0.003
69	NGS-211-389	23	<0.001
70	NGS-211-390	76	0.002
71 Check	NGS-211-390	69	0.002
72	NGS-211-391	170	0.005
73	NGS-211-392	412	0.012
74	NGS-211-393	106	0.003
75	NGS-211-394	1119	0.033
76	NGS-211-395	1132	0.033

Certified By: \_\_\_\_\_





# ACCURASSAY LABORATORIES

A DIVISION OF ASSAY LABORATORY SERVICES INC.

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

Page 1

BATTLE MOUNTAIN CANADA INC.  
40 MANITOU RD., P.O. BOX 100, SUITE 103  
MANITOUWADGE, ONTARIO  
P0T 2C0  
FAX (807)826-4440  
ATTENTION: COLIN MACKENZIE

Mar. 26, 1997

Job# 9740179

Project # 490

Accurassay	SAMPLE # Customer	Gold ppb	Gold Oz/t
1	NGS-211-396	290	0.008
2	NGS-211-397	171	0.005
3	NGS-211-398	102	0.003
4	NGS-211-399	90	0.003
5	NGS-211-400	192	0.006
6	NGS-211-401	1318	0.038
7	NGS-211-402	506	0.015
8	NGS-211-403	725	0.021
9	NGS-211-404	1530	0.045
10	NGS-211-405	599	0.017
11	Check NGS-211-405	685	0.020
12	NGS-211-406	21656	0.632
13	NGS-211-407	907	0.026
14	NGS-211-408	20	<0.001
15	NGS-211-409	29	<0.001
16	NGS-211-410	112	0.003
17	NGS-211-411	28609	0.835
18	NGS-211-412	202	0.006
19	NGS-211-413	25	<0.001
20	NGS-211-414	39	0.001
21	Check NGS-211-414	31	<0.001
22	NGS-211-415	34	<0.001
23	NGS-211-416	26	<0.001
24	NGS-211-417	52	0.002

Certified By: \_\_\_\_\_



# ACCURASSAY LABORATORIES

A DIVISION OF ASSAY LABORATORY SERVICES INC.

1070 LITHIUM DRIVE, UNIT 2  
THUNDER BAY, ONTARIO P7B 6G3  
PHONE (807) 623-6448  
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Page 1

BATTLE MOUNTAIN CANADA INC.  
40 MANITOU RD., P.O. BOX 100, SUITE 103  
MANITOUWADGE, ONTARIO  
P0T 2C0  
FAX (807)826-4440  
ATTENTION: COLIN MACKENZIE

Mar. 26, 1997

Job# 9740179

Project # 490

REASSAY'S

Accurassay	SAMPLE # Customer	Gold ppb	Gold Oz/t
12	NGS-211-406	15497	0.452
17	NGS-211-411	20331	0.593
17	CheckNGS-211-411	20066	0.585

Certified By: \_\_\_\_\_

UTM CO-ORDINATES  
577535 E  
5395300 N

4000

4500



NGS-211

DIP -90  
AZIMUTH 0  
LENGTH 1861.7m

ASTRONOMIC

6000

6000

3900E

4000E

4150E

4500E

CLM 27

RECEIVED  
OCT 27 1997  
GEO SCIENCE ASSESSMENT  
OFFICE

82621.2

5500

4000

HYDRO LINE

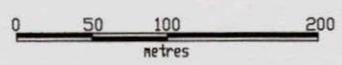
4500

5500



**Battle Mountain Gold**  
EXPLORATION OFFICE

### NGS-211 LOCATION PLAN



Plot by :	BK	Date :	Oct 09/97	Dwg. No.
Checked :		Date :		
		Scale :	1:5000	



Declaration of Assessment Work Performed on Mining Land

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

Transaction Number (office use) W. 9740.00964 Assessment Files Research Imaging

Personal information collected on this form is for use in the Mining Act, the Questions about Mining Act, 933 Ramsey La



42C12NW0037 2.17923 BOMBY

900

2) and 66(3) of the Mining Act. Under section 8 of the Mining Act, the assessment work and correspond with the mining land holder. Ministry of Northern Development and Mines, 8th Floor,

Instructions

Please type or print in ink.

Claim, use form 0240.

2.17923

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

Form with fields for Name, Address, Client Number, Telephone Number, Fax Number. Includes handwritten entry for Battle Mountain Canada Ltd.

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

Form with fields for Work Type, Office Use, Dates Work Performed, Global Positioning System Data, Township/Area, Mining Division, Resident Geologist District.

- 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)

Form with fields for Name, Address, Telephone Number, Fax Number. Includes 'RECEIVED' stamps and 'GEOSCIENCE ASSESSMENT OFFICE' text.

4. Certification by Recorded Holder or Agent

I, George J. Koleszar, 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.

Form with fields for Signature of Recorded Holder or Agent, Date, Agent's Address, Telephone Number, Fax Number.

January 25/98

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.

W. 9740-00964

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					
2	See Attached				
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
Column Totals					

2621.3

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

Signature of Recorded Holder or Agent Authorized in Writing  Date Oct 23, 1997

6. Instructions 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)		

SCHEDULE FOR DECLARATION OF ASSESSMENT WORK ON MINING LAND

Work Transaction # EASTCAN97.056

W. 9740.00964

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
1 CLM 0000274 (G-400040)	382 ha	343.174.00		96.000.00	247.174.00
2 TB 1202168	16	0.00	6.400.00 ✓		
3 TB 1202169	3	0.00	1.200.00 ✓		
4 TB 1202170	15	0.00	6.000.00 ✓		
5 TB 1202171	16	0.00	6.400.00 ✓		
6 TB 1202172	16	0.00	6.400.00 ✓		
7 TB 1202173	16	0.00	6.400.00 ✓		
8 TB 1207801	1	0.00	400.00 ✓		
9 TB 1207802	9	0.00	3.600.00 ✓		
10 TB 1207803	1	0.00	400.00 ✓		
11 TB 1195388	16	0.00	6.400.00 ✓		
12 TB 1195389	4	0.00	1.559.00 ✓		
13 TB 1195390	2	0.00	800.00 ✓		
14 TB 1195391	6	0.00	2.400.00 ✓		
15 TB 1197161	16	0.00	6.400.00 ✓		
16 TB 1197162	16	0.00	6.400.00 ✓		
17 TB 1197163	4	0.00	1.600.00 ✓		
18 TB 1183317	15	0.00	6.000.00 ✓		
19 TB 1194288	8	0.00	3.200.00 ✓		
20 TB 1194289	8	0.00	3.200.00 ✓		
21 TB 1194290	4	0.00	1.600.00 ✓		
22					
23 TB 1208194	9	0.00	3.600.00 ✓		
24 TB 1208722	3	0.00	1.200.00 ✓		
25 TB 1208723	11	0.00	4.400.00 ✓		
26 TB 1208724	9	0.00	3.600.00 ✓		
27 TB 1208936	3	0.00	1.200.00 ✓		
28 TB 1196700	15	0.00	5.200.00 ✓		

2.17923

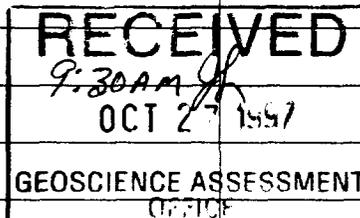
RECEIVED  
 9:30 AM  
 OCT 27 1997  
 GEOSCIENCE ASSESSMENT  
 OFFICE

Column Totals	343.174.00	96.000.00	96.000.00	247.174.00
---------------	------------	-----------	-----------	------------

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

**2.17923**

Work Type	Units of Work <small>Depending on the type of work, list the number of hours/days worked, metres of drilling, kilo-metres of grid line, number of samples, etc.</small>	Cost Per Unit of work	Total Cost
Diamond Drilling	1861.7 metres	139/metre	258,829.00
Assaying (Au)	417 samples	10.40/sample	4,337.00
Labour	138 man days	249.23/man day	34,394.00
Associated Costs (e.g. supplies, mobilization and demobilization).			
Matex			1306.00
Core trays			3706.00
Sperry-sun rental			4000.00
Navis-Dall Directional Drilling rental			31963.00
Mobilization - float charges			455.00
Transportation Costs			
Rental truck & gas			2420.00
Bus express charges - samples			384.00
Food and Lodging Costs			
Camp costs			1180.00
<b>Total Value of Assessment Work</b>			<b>343,174.00</b>


**Calculations of Filing Discounts:**

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

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

**Note:**

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

**Certification verifying costs:**

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

Signature 	Date Oct 23, 1997
---------------	----------------------

January 20, 1998

George J. Koleszar  
BATTLE MOUNTAIN CANADA LTD.  
P.O. Box 1205  
60 Shirley Street South  
Timmins, ONTARIO  
P4N 7J5

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

Telephone: (888) 415-9846  
Fax: (705) 670-5881

Dear Sir or Madam:

**Submission Number: 2.17923**

**Status**

**Subject: Transaction Number(s):** W9740.00964 Deemed 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.

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 Steve Beneteau by e-mail at [benetest@epo.gov.on.ca](mailto:benetest@epo.gov.on.ca) or by telephone at (705) 670-5855.

Yours sincerely,



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

# Work Report Assessment Results

---

**Submission Number:** 2.17923

**Date Correspondence Sent:** January 20, 1998

**Assessor:** Steve Beneteau

---

<b>Transaction Number</b>	<b>First Claim Number</b>	<b>Township(s) / Area(s)</b>	<b>Status</b>	<b>Approval Date</b>
W9740.00964	CLM 274	BOMBY	Deemed Approval	January 19, 1998

**Section:**  
16 Drilling PDRILL

**Correspondence to:**

Resident Geologist  
Thunder Bay, ON

Assessment Files Library  
Sudbury, ON

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

George J. Koleszar  
BATTLE MOUNTAIN CANADA LTD.  
Timmins, ONTARIO

REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

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

Description Order No. Date Disposition File

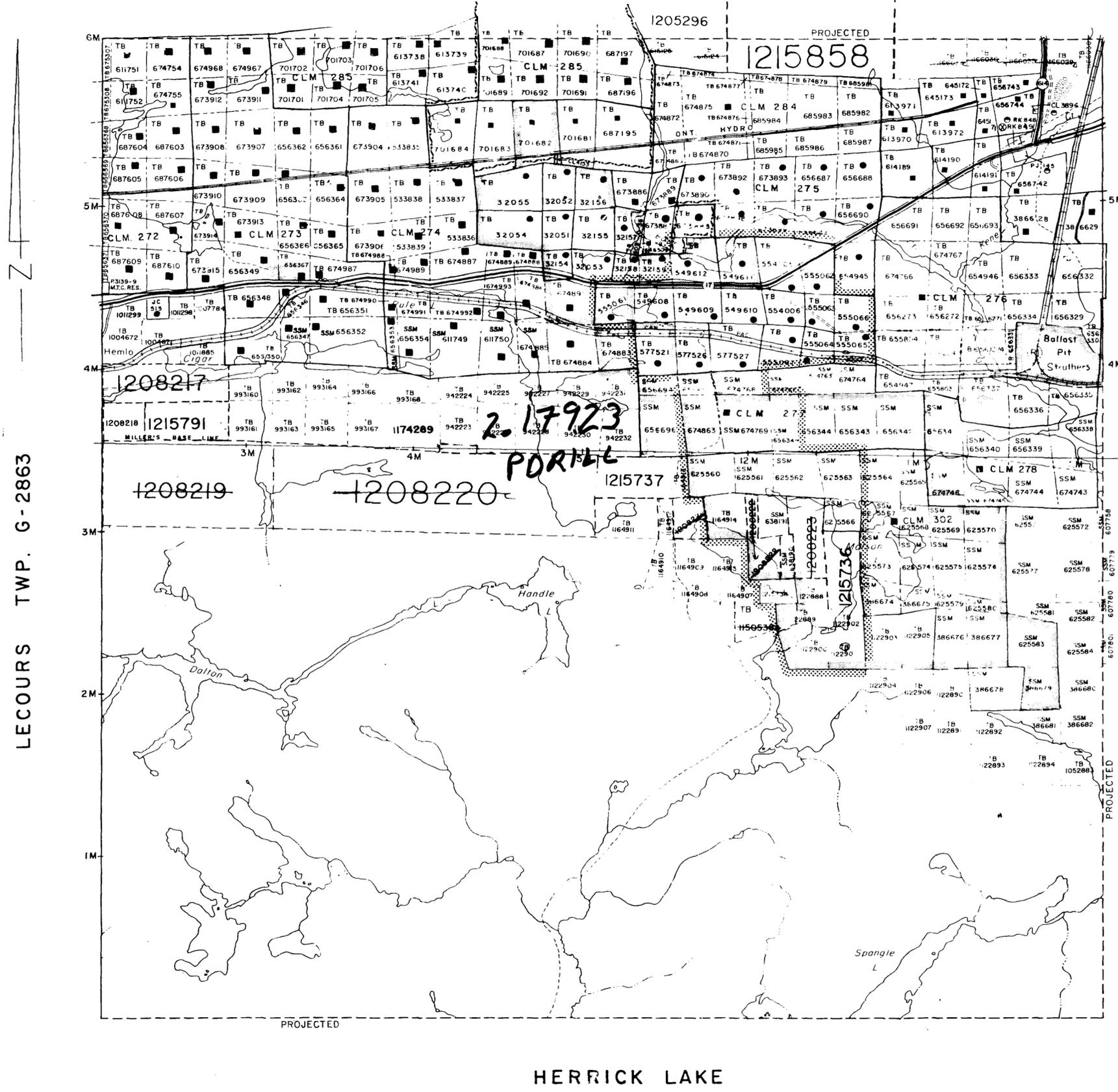
lands Surrounded by This Marking are Subject to Sec. 189 Easement #64-10  
 lands Surrounded by This Marking are Subject to Sec. 189 Easement #64-11  
 lands Surrounded by This Marking are Subject to Sec. 99 Easement #64-24

NOTE: The Above Easements Run With The Land And Will Affect Leases And Patents

(R) Sec. 36 W/D Order #WNCR 20184 M.R. Only

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

WABIKOBA LAKE G-620



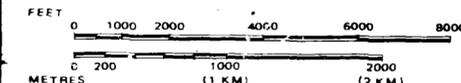
LEGEND

- 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 MUSKEG
- MINES
- TRAVERSE MONUMENT

DISPOSITION OF CROWN LANDS

- | TYPE OF DOCUMENT                                       | SYMBOL |
|--------------------------------------------------------|--------|
| PATENT, SURFACE & MINING RIGHTS                        | ●      |
| " SURFACE RIGHTS ONLY                                  | ○      |
| " MINING RIGHTS ONLY                                   | ◐      |
| LEASE, SURFACE & MINING RIGHTS                         | ■      |
| " SURFACE RIGHTS ONLY                                  | □      |
| " MINING RIGHTS ONLY                                   | ◑      |
| LICENCE OF OCCUPATION                                  | ◔      |
| ORDER-IN-COUNCIL                                       | OC     |
| RESERVATION                                            | ⊙      |
| CANCELLED                                              | ⊚      |
| SAND & GRAVEL                                          | ⊛      |
| LAND USE PERMITS FOR COMMERCIAL TOURISM/OUTPOST CAMP 3 | ⊜      |
- NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6, 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 380, SEC. 63, SUBSEC. 1.

SCALE: 1 INCH = 40 CHAINS



TOWNSHIP

**BOMBY**

M.A.R. ADMINISTRATIVE DISTRICT  
**TERRACE BAY / WAWA**  
 MINING DIVISION  
**THUNDER BAY**  
 LAND TITLES / REGISTRY DIVISION  
**THUNDER BAY**

Ministry of Natural Resources Land Management Branch

Date AUGUST, 1984

Number

Info Service Nov. 16, 1990

**G-3173**

NGS-211

SURFACE

DIP -90  
GRID AZIMUTH 0  
ASTRONOMIC AZIMUTH 356  
LENGTH 1861.70m

HOLE DRILLED IN  
LEASE CLAIM CLM 274  
SECTION PARALLEL TO GRID LINE 4000E  
ASTRONOMIC AZIMUTH 176  
ELEVATIONS SEA LEVEL + 5000M  
ROCK CODES AS PER LEGEND  
ASSAYS IN GRAMS PER METRIC TONNE

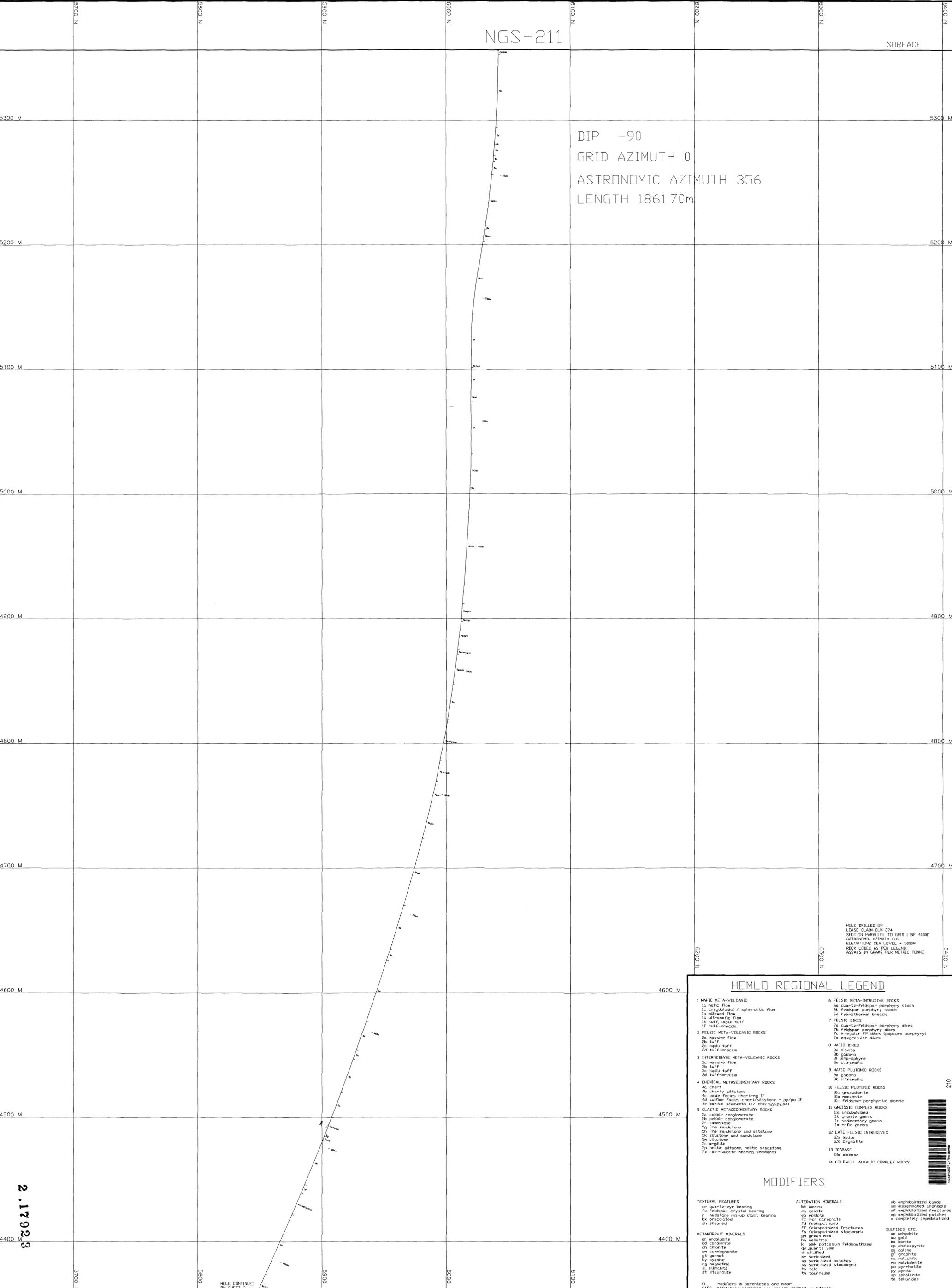
HEMLD REGIONAL LEGEND

- 1 MAFIC META-VOLCANIC
  - 1a mafic flow
  - 1c amygdaloidal / spherulitic flow
  - 1d pillowed flow
  - 1e ultramafic flow
  - 1f tuff, lapilli tuff
  - 1g tuff-breccia
- 2 FELSIC META-VOLCANIC ROCKS
  - 2a massive flow
  - 2b tuff
  - 2c lapilli tuff
  - 2d tuff-breccia
- 3 INTERMEDIATE META-VOLCANIC ROCKS
  - 3a massive flow
  - 3b tuff
  - 3c lapilli tuff
  - 3d tuff-breccia
- 4 CHEMICAL META-SEDIMENTARY ROCKS
  - 4a chert
  - 4b cherty siltstone
  - 4c oxide facies chert-ng IF
  - 4d saline facies chert/siltstone - py/po IF
  - 4e baritic sediments (v-/chert/gp/py/po)
- 5 ELASTIC META-SEDIMENTARY ROCKS
  - 5a cobble conglomerate
  - 5b pebble conglomerate
  - 5c sandstone
  - 5d fine sandstone
  - 5e fine sandstone and siltstone
  - 5f siltstone and sandstone
  - 5g siltstone
  - 5h argillite
  - 5i pelitic siltstone, pelitic sandstone
  - 5k calc-silicate bearing sediments
- 6 FELSIC META-INTRUSIVE ROCKS
  - 6a quartz-feldspar porphyry stock
  - 6b feldspar porphyry stock
  - 6d hydrothermal breccia
- 7 FELSIC DIKES
  - 7a quartz-feldspar porphyry dikes
  - 7b feldspar porphyry dikes
  - 7c irregular IP dikes (popcorn porphyry)
  - 7d equigranular dikes
- 8 MAFIC DIKES
  - 8a diorite
  - 8b gabbro
  - 8c lamprophyre
  - 8e ultramafic
- 9 MAFIC PLUTONIC ROCKS
  - 9a gabbro
  - 9b ultramafic
- 10 FELSIC PLUTONIC ROCKS
  - 10a granodiorite
  - 10b monzonite
  - 10c feldspar porphyritic diorite
- 11 GNEISSIC COMPLEX ROCKS
  - 11a unsubsidiarized
  - 11b granite gneiss
  - 11c sedimentary gneiss
  - 11d mafic gneiss
- 12 LATE FELSIC INTRUSIVES
  - 12a apite
  - 12b syenite
  - 12c diorite
- 13 DIABASE
  - 13a diabase
- 14 COLDWELL ALKALIC COMPLEX ROCKS

MODIFIERS

- TEXTURAL FEATURES
  - ge quartz-eye bearing
  - fx feldspar crystal bearing
  - r mudstone rip-up clast bearing
  - bx brecciated
  - sh sheared
- METAMORPHIC MINERALS
  - an andalusite
  - cd cordierite
  - ch chlorite
  - cn cummingtonite
  - gt garnet
  - ky kyanite
  - mg magnetite
  - si sillimanite
  - st staurolite
- ALTERATION MINERALS
  - kt kaolinite
  - ca calcite
  - ep epidote
  - fc iron carbonate
  - fd feldspathoid
  - ff feldspathized fractures
  - fs feldspathized stockwork
  - gn green mica
  - hm hematite
  - lp potassium feldspathized
  - qv quartz vein
  - si silicified
  - sr sericitized
  - so sericitized patches
  - ss sericitized stockwork
  - ta talc
  - tn tourmaline
- OTHER MINERALS
  - xb amphibolized bands
  - xd disseminated amphibole
  - xf amphibolized fractures
  - xp amphibolized patches
  - xc completely amphibolized
- SULFIDES, ETC.
  - an anhydrite
  - au gold
  - ba barite
  - cc chalcocopyrite
  - ga galena
  - gf graphite
  - ms malachite
  - na natroalbite
  - pa pyrrhotite
  - py pyrite
  - so sphalerite
  - te tellurides

0 modifiers in parentheses are minor  
CAPS capitalized modifiers are coarse-grained or intense



2.17923

HOLE CONTINUED ON SHEET 2

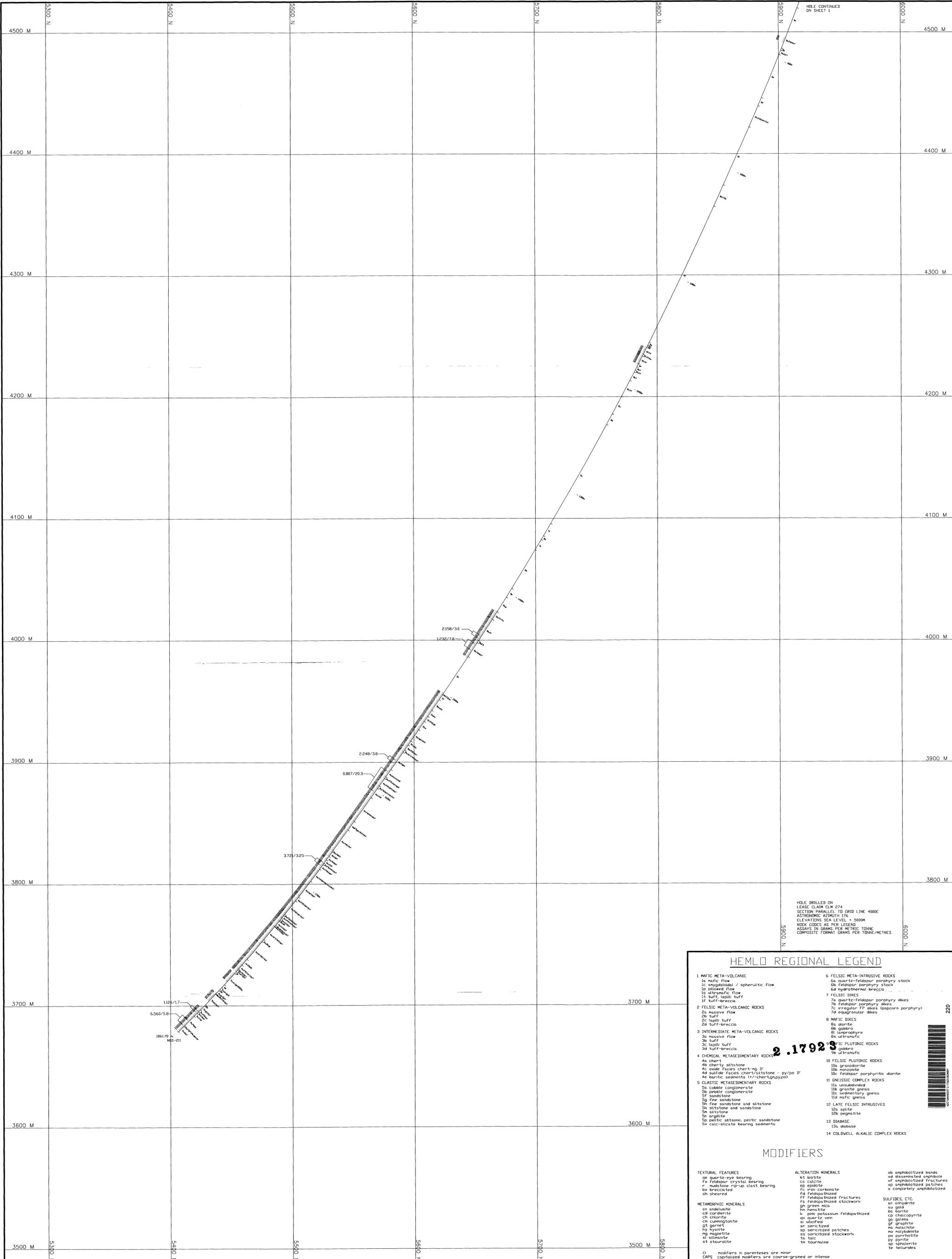


**Battle Mountain Gold**  
EXPLORATION OFFICE

NGS-221 (SHEET 1)

Plot by: BK Date: Oct 09/97 Dwg. No.  
Checked: Date: Scale: 1:1000

210



HOLE CONTINUED  
ON SHEET 1

HOLE DRILLED ON  
LEASE CLAIM CLM 274  
SECTION PARALLEL TO GRID LINE 4000E  
ASTRONOMIC AZIMUTH 176  
ELEVATIONS SEA LEVEL + 5000M  
ROCK CODES AS PER LEGEND  
ASSAYS IN GRAMS PER METRIC TONNE  
COMPOSITE FORMAT GRAMS PER TONNE/METRES

**HEMLO REGIONAL LEGEND**

- |                                                                                                                                                                    |                                                                                                  |                                                                                                        |                                                                                                                                                                                              |                                                                                                                                                                                                                                               |                                                                                                                             |                                                                                                                                                         |                                                                                           |                                                       |                                                                                                   |                                                                                                                |                                                          |                           |                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|---------------------------|-----------------------------------|
| 1 MAFIC META-VOLCANIC<br>1a mafic flow<br>1c amygdaloidal / spherulitic flow<br>1p pillowed flow<br>1s ultramafic flow<br>1t tuff, lapilli tuff<br>1f tuff-breccia | 2 FELSIC META-VOLCANIC ROCKS<br>2a massive flow<br>2b tuff<br>2c lapilli tuff<br>2d tuff-breccia | 3 INTERMEDIATE META-VOLCANIC ROCKS<br>3a massive flow<br>3b tuff<br>3c lapilli tuff<br>3d tuff-breccia | 4 CHEMICAL METASEDIMENTARY ROCKS<br>4a chert<br>4b cherty siltstone<br>4c oxide facies chert-ng IF<br>4d sulfate facies chert/siltstone - py/po IF<br>4e baritic sediments (+/-chert/gyp/po) | 5 CLASTIC METASEDIMENTARY ROCKS<br>5a pebble conglomerate<br>5b sandstone<br>5c fine sandstone<br>5d siltstone and sandstone<br>5e siltstone<br>5f argillite<br>5g pelitic siltstone, pelitic sandstone<br>5h calc-silicate bearing sediments | 6 FELSIC META-INTRUSIVE ROCKS<br>6a quartz-feldspar porphyry stock<br>6b feldspar porphyry stock<br>6d hydrothermal breccia | 7 FELSIC DIKES<br>7a quartz-feldspar porphyry dikes<br>7b feldspar porphyry dikes<br>7c irregular FF dikes (topocran porphyry)<br>7d equigranular dikes | 8 MAFIC DIKES<br>8a aorite<br>8b gabbro<br>8c anorthopyrite<br>8d gabbro<br>8e ultramafic | 9 FELSIC PLUTONIC ROCKS<br>9a gabbro<br>9b ultramafic | 10 FELSIC PLUTONIC ROCKS<br>10a granodiorite<br>10b monzonite<br>10c feldspar porphyritic diorite | 11 GNEISSIC COMPLEX ROCKS<br>11a unbedded<br>11b granitic gneiss<br>11c sedimentary gneiss<br>11d mafic gneiss | 12 LATE FELSIC INTRUSIVES<br>12a aplite<br>12b pegmatite | 13 DIABASE<br>13a diabase | 14 COLDWELL ALKALIC COMPLEX ROCKS |
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**MODIFIERS**

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| TEXTURAL FEATURES<br>qr quartz-vein bearing<br>fx feldspar crystal bearing<br>m mudstone rip-up clast bearing<br>bx brecciated<br>sh sheared | METAMORPHIC MINERALS<br>an andalusite<br>cd cordierite<br>ch chlorite<br>cm clinochlore<br>gt garnet<br>ky kyanite<br>mg magnetite<br>sl sillimanite<br>st staurolite | ALTERATION MINERALS<br>bt biotite<br>ca calcite<br>ep epidote<br>fc Fe <sup>2+</sup> carbonate<br>fd feldsparized<br>ff feldsparized fractures<br>fs feldsparized stockwork<br>gn green mica<br>hm hematite<br>k pink potassium feldsparized<br>qv quartz vein<br>si sericitized<br>sr sericitized<br>ss sericitized stockwork<br>ta talc<br>tn tourmaline | yo amphibolized bands<br>xa disseminated amphibole<br>xf amphibolized fractures<br>xo amphibolized patches<br>x completely amphibolized | SULFIDES, ETC.<br>an anhydrite<br>au auriferous<br>ba barite<br>cp chalcopyrite<br>ga galena<br>gr graphite<br>ho halocite<br>mo molybdenite<br>py pyrite<br>sp sphalerite<br>te tellurides |
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o modifiers in parentheses are minor  
CAPS capitalized modifiers are coarse-grained or intense

