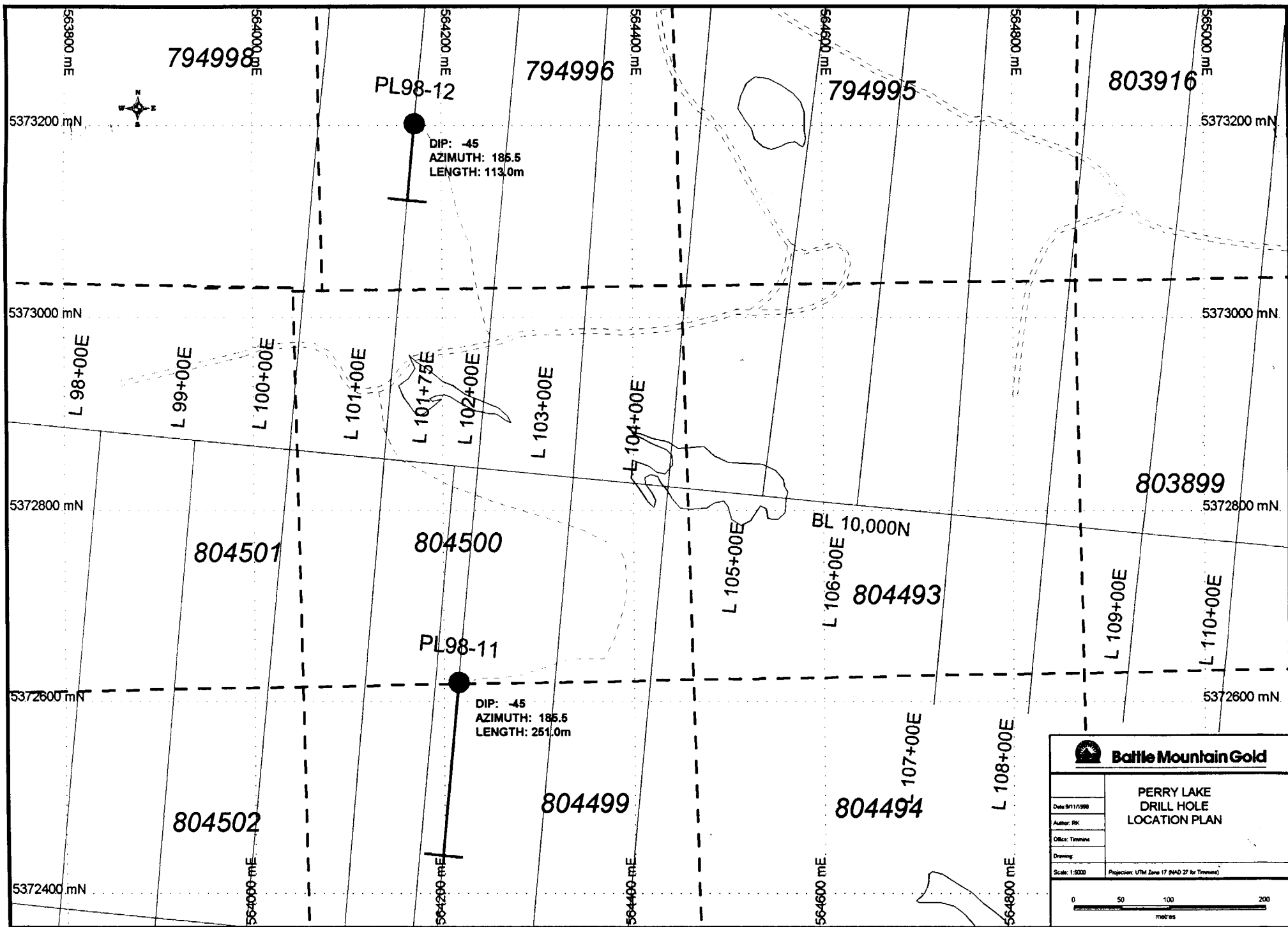




**Battle Mountain Gold**

**PERRY LAKE  
DRILL HOLE  
LOCATION PLAN**

Date: 3/17/98  
 Author: RK  
 Office: Timmins  
 Drawing:  
 Scale: 1:5000  
 Projection: UTM Zone 17 (NAD 27 for Timmins)

0 50 100 200  
metres



 <b>Battle Mountain Gold</b>	
<b>PERRY LAKE DRILL HOLE LOCATION PLAN</b>	
Date: 9/11/98	
Author: RK	
Office: Timmins	
Drawing:	
Scale: 1:5000	Projection: UTM Zone 17 (NAD 27 for Timmins)
	

HOLE NO: PL98-6	SECTION: 12400	GRID: PERRY LAKE
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PROJECT CODE : 514060  
 TENEMENT : 803908 AND 803884  
 PROSPECT : PERRY LAKE  
 GRID : PERRY LAKE  
 MAP REFERENCE: 42A9  
 LOCATION :  
 HOLE TYPE : DH

\*\*\* DRILLING SUMMARY \*\*\*

DH	0.00	335.00	NQ
Drill contractor:	Norex		
Drill rig:			
Date started:	24/8/98		
Date finished:	28/8/98		
Logged by:	R. Kusins		
Relogged by:			
Sampled by:			

\*\*\* COLLAR COORDINATES AND RL \*\*\*

NOMINAL	10625.00mN	12400.00mE	0.00RL
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Pre-collar depth: Final depth: 335.00  
 Purpose of hole: Test PLzone 200m east of PL97-4.  
 Hole status: NQ  
 Comments: PERRY LAKE PROPERTY

Material left in hole: Capped Casing  
 Base of complete oxidation  
 Top of fresh rock: 30.0  
 Water first encountered:  
 Water inflow estimate:

\*\*\* SURVEY DATA \*\*\*

Survey Method: Acid tests

Depth	Azimuth	Inclination
0.00	180.00	-45.00
100.00	180.00	-45.00
150.00	180.00	-45.00
200.00	180.00	-45.00
250.00	180.00	-45.00
300.00	180.00	-45.00

\*\*\* SIGNIFICANT ASSAYS \*\*\*

From	To	Width	AU_G
281.30	282.50	1.20	2.35

\*\*\* SUMMARY LOG \*\*\*

0.00	30.00	OVERBURDEN
30.00	34.00	PILLOWED MAFIC VOLCANIC PILLOWED
34.00	44.75	MAFIC VARIOLITE VARIOLITIC
44.75	62.00	MASSIVE MAFIC VOLCANIC MASSIVE
62.00	70.80	MAFIC VARIOLITE VARIOLITIC
70.80	74.45	MAFIC VARIOLITE VARIOLITIC WEAKLY ALTERED
74.45	103.50	MAFIC VARIOLITE VARIOLITIC
103.50	118.00	MASSIVE MAFIC VOLCANIC MASSIVE
118.00	125.00	PILLOWED MAFIC VOLCANIC PILLOWED
125.00	131.80	MAFIC VARIOLITE VARIOLITIC WEAKLY ALTERED
131.80	141.00	PILLOWED MAFIC VOLCANIC
141.00	161.20	MASSIVE MAFIC VOLCANIC AMYGDALOIDAL
161.20	161.85	PILLOWED MAFIC VOLCANIC PILLOWED

Checked and signed: 

Date: Nov 1/98

HOLE NO: PL98-6

SECTION: 12400

GRID: PERRY LAKE

161.85	163.35	PILLOWED MAFIC VOLCANIC PILLOWED WEAKLY ALTERED
163.35	165.50	PILLOWED MAFIC VOLCANIC PILLOWED WEAKLY ALTERED
165.50	193.95	PILLOWED MAFIC VOLCANIC PILLOWED WEAKLY ALTERED
193.95	197.20	MAFIC FLOW BRECCIA FLOW BRECCIA WEAKLY ALTERED
197.20	199.05	MASSIVE MAFIC VOLCANIC MASSIVE
199.05	201.90	MAFIC FLOW BRECCIA FLOW BRECCIA MODERATELY ALTERED
201.90	203.70	MAFIC FLOW BRECCIA FLOW BRECCIA MODERATELY ALTERED
203.70	250.20	SYENITE MASSIVE WEAKLY ALTERED
250.20	335.00	SYENITE MASSIVE WEAKLY ALTERED
335.00		END OF HOLE

Checked and signed: \_\_\_\_\_ Date: \_\_\_\_\_

From	To	Geological Log	FROM (m)	TO (m)	WIDTH (m)	SAMPLE NO.	Au (gpt)
0.00	30.00	OVERBURDEN					
30.00	34.00	PILLOWED MAFIC VOLCANIC pillowed - Trace to 1% pyrite. - Foliation core angle at 60 degrees to core axis. - Fine to medium grained, dark green.					
34.00	44.75	MAFIC VARIOLITE variolitic - Trace to 1% pyrite. - 1-5% calcite veining. - Medium grained, dark green.					
44.75	62.00	MASSIVE MAFIC VOLCANIC massive - Trace to 1% pyrite. - Pyrite locally concentrated about calcite veinlets. - 1-5% calcite veining. - Medium grained, dark green. - Moderate magnetism.					
62.00	70.80	MAFIC VARIOLITE variolitic - Minor pyrite. - 1-5% calcite veining. - Weak magnetism.	69.8	70.8	1.00	8501	<0.03
70.80	74.45	MAFIC VARIOLITE variolitic weakly altered - Weak silicification - 1 to 2% pyrite. - Pyrite content increases about silicified sections. - - 1-5% quartz calcite veining. - Medium grained, dark green. - Moderate magnetism.	70.8 71.8 72.8 73.8	71.8 72.8 73.8 74.5	1.00 1.00 1.00 .65	8502 8503 8504 8505	<0.03 <0.03 <0.03 <0.03
74.45	103.50	MAFIC VARIOLITE variolitic - Varioles not as abundant as previous section. - Trace to 1% pyrite. - 1-5% calcite veining. - Medium grained, dark green. - Weak magnetism.  100.75-101.4 Quartz-calcite vein, minor xenoliths of mafic volcanics, upper contact core angle at 40 degrees to core axis.	74.5	75.5	1.00	8506	<0.03
103.50	118.00	MASSIVE MAFIC VOLCANIC massive - Locally trace pyrite. - 1-5% calcite veining. - Medium grained, dark green. - Strong magnetism.					
118.00	125.00	PILLOWED MAFIC VOLCANIC pillowed - Minor pyrite. - 1-5% calcite veining. - Fine to medium grained, dark green. - Weak magnetism.					
125.00	131.80	MAFIC VARIOLITE variolitic weakly altered - Weak chloritization. - Well developed varioles. - Minor pyrite. - 1-5% calcite veining. - Foliation core angle at 65 degrees to core axis. - Weak magnetism.					
131.80	141.00	PILLOWED MAFIC VOLCANIC - Minor pyrite. - 1-5% calcite veining. - Fine to medium grained, dark green. - Moderate magnetism.  135.5-135.95 PILLOWED MAFIC VOLCANIC, weakly altered, weak albitization, 1-5% calcite veining, 2% fine pyrite.					

From	To	Geological Log	FROM (m)	TO (m)	WIDTH (m)	SAMPLE NO.	Au (gpt)
141.00	161.20	<p>MASSIVE MAFIC VOLCANIC amygdaloidal</p> <ul style="list-style-type: none"> <li>- Locally calcite filled amygdules.</li> <li>- Trace to minor pyrite.</li> <li>- 1-5% calcite veining.</li> <li>- Medium grained, dark green.</li> </ul> <p>143.6-144.15 MASSIVE MAFIC VOLCANIC, 1-5% calcite veining, 5% fine pyrite as bands, banding at 45 degrees to core axis.</p>	142.6	143.6	1.00	8507	<0.03
			143.6	144.2	.55	8508	0.92
			144.2	145.2	1.00	8509	0.04
161.20	161.85	<p>PILLOWED MAFIC VOLCANIC pillowed</p> <ul style="list-style-type: none"> <li>- Minor pyrite.</li> <li>- 1-5% calcite veining.</li> <li>- Fine to medium grained dark green.</li> <li>- Weak magnetism.</li> </ul>	161.2	161.8	.65	8510	<0.03
161.85	163.35	<p>PILLOWED MAFIC VOLCANIC pillowed weakly altered</p> <ul style="list-style-type: none"> <li>- Weak ankeritization, weak albitization, weak hematization.</li> <li>- 2% fine pyrite</li> <li>- banding at 50 degrees to core axis.</li> <li>- Strong magnetism.</li> </ul>	161.8	163.3	1.50	8511	0.12
163.35	165.50	<p>PILLOWED MAFIC VOLCANIC pillowed weakly altered</p> <ul style="list-style-type: none"> <li>- Weak albitization.</li> <li>- 1% fine pyrite.</li> <li>- 1-5% calcite veining.</li> <li>- Light grey to green.</li> <li>- Strong magnetism.</li> </ul>	163.3	164.3	1.00	8512	0.04
			164.3	165.5	1.15	8513	<0.03
165.50	193.95	<p>PILLOWED MAFIC VOLCANIC pillowed weakly altered</p> <ul style="list-style-type: none"> <li>- Locally thin bands of weak albitic alteration.</li> <li>- Minor pyrite.</li> <li>- Locally thin sections of calcite filled amygdules.</li> <li>- Fine to medium grained, dark grey to green.</li> <li>- Strong magnetism.</li> </ul> <p>174.1-175.55 PILLOWED MAFIC VOLCANIC, weakly altered, weak albitization, 1-3% pyrite, 1-5% calcite veining, grey, fine to medium grained, upper contact core angle at 70 degrees to core axis.</p> <p>179.8-180.95 PILLOWED MAFIC VOLCANIC, weakly altered, weak albitization, weak ankeritization, 1-3% pyrite, calcite vein, grey, fine to medium grained, lower contact core angle at 60 degrees to core axis, moderate magnetism.</p> <p>189.9-190.35 PILLOWED MAFIC VOLCANIC, weakly altered, weak albitization, weak hematization, 1-3% pyrite, fine grained, grey, 1-5% calcite veining.</p>	165.5	166.5	1.00	8514	<0.03
			173.1	174.1	1.00	8515	<0.03
			174.1	175.6	1.45	8516	0.24
			175.6	176.6	1.00	8517	<0.03
			176.6	178.0	1.45	8518	0.04
			178.0	179.0	1.00	8519	<0.03
			179.0	179.8	.80	8520	<0.03
			179.8	180.9	1.15	8521	0.10
			180.9	181.9	1.00	8522	<0.03
			187.7	188.7	1.00	8523	<0.03
			188.7	189.9	1.25	8524	0.08
			189.9	190.3	.45	8525	0.06
			190.3	191.3	1.00	8526	0.04
			191.3	192.9	1.60	8527	<0.03
			192.9	193.9	1.00	8528	<0.03
193.95	197.20	<p>MAFIC FLOW BRECCIA flow breccia weakly altered</p> <ul style="list-style-type: none"> <li>- Weak albitization minor weak hematization.</li> <li>- Locally coarse pillow fragments.</li> <li>- Locally thin sections of hyaloclastic.</li> <li>- 1% fine pyrite.</li> <li>- 1-5% calcite veining.</li> <li>- Weak foliation core angle at 70 degrees to core axis.</li> <li>- Medium grained, light to dark green.</li> </ul>	193.9	194.9	1.00	8529	<0.03
			194.9	195.9	1.00	8530	<0.03
			195.9	197.2	1.25	8531	<0.03



From	To	Geological Log	FROM (m)	TO (m)	WIDTH (m)	SAMPLE NO.	Au (gpt)
		<p>trace chalcopyrite along factures.</p> <p>288.2-288.9 MAFIC SYENITE, weakly altered, weak hematization, 1-5% calcite veining, upper contact core angle at 30 degress to core axis.</p> <p>292.65-265.3 SYENITE, weakly altered, weak hematization, 1% pyrite as clusters or along fractures, weakly bleached about fractures, locally specular hematite along fractures.</p> <p>295.3-296.4 LAMPROPHYRE, hematitic, upper contact core angle at 90 degress to core axis.</p> <p>298.9-301.0 FAULT BRECCIA, syenite clasts in a mafic groundmass, locally thin bands of syenite with fine pyrite, overall minor pyrite, upper contact core angle at 65 degress to core axis.</p> <p>326.2-326.45 LAMPROPHYRE, hematitic, grey, fine grained, upper contact core angle at 50 degress to core axis.</p> <p>326.8-330.6 LAMPROPHYRE, hematitic, fine grained, 1-5% calcite veining, upper contact core angle at 50 degress to core axis.</p>	301.0	302.0	1.00	8580	0.15

\*\*\* END OF HOLE \*\*\* 335.00



HOLE NO: PL98-7	SECTION: 12000E	GRID: PERRYLK
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PROJECT CODE : 514060  
 TENEMENT : 803908 803909 803891  
 PROSPECT : PERRY LAKE  
 GRID : PERRYLK  
 MAP REFERENCE: 42A9  
 LOCATION : MICHAUD TOWNSHIP  
 HOLE TYPE : DH

\*\*\* DRILLING SUMMARY \*\*\*

DH	0.00	302.00	NQ
Drill contractor:	Norex		
Drill rig:			
Date started:	28/8/98		
Date finished:	1/9/98		
Logged by:	R. Kusins		
Relogged by:			
Sampled by:			

\*\*\* COLLAR COORDINATES AND RL \*\*\*

NOMINAL	10550.00 mN	12000.00 mE	0.00 RL
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Pre-collar depth: Final depth: 302.00

Purpose of hole: Test PLzone 200m beneath PL96-4

Hole status: NQ

Comments: Perry Lake Property

Material left in hole: Capped Casing  
 Base of complete oxidation  
 Top of fresh rock: 49.0  
 Water first encountered:  
 Water inflow estimate:

\*\*\* SIGNIFICANT ASSAYS \*\*\*

From	To	Width	AU_G
225.00	225.30	0.30	1.81
243.80	244.80	1.00	3.04
245.80	246.80	1.00	3.52
247.35	248.35	1.00	1.03
249.40	250.40	1.00	1.14
252.60	253.60	1.00	1.48

\*\*\* SURVEY DATA \*\*\*

Survey Method: Acid test

Depth	Azimuth	Inclination
0.00	180.00	-45.00
50.00	180.00	-46.00
100.00	180.00	-46.00
150.00	180.00	-47.00
200.00	180.00	-48.00
250.00	180.00	-49.00
300.00	180.00	-49.00

\*\*\* SUMMARY LOG \*\*\*

0.00	49.00	OVERBURDEN
49.00	78.20	PILLOWED MAFIC VOLCANIC PILLOWED
78.20	79.95	PILLOWED MAFIC VOLCANIC PILLOWED
79.95	83.65	MASSIVE MAFIC VOLCANIC AMYGDALOIDAL
83.65	84.65	MAFIC VARIOLITE VARIOLITIC WEAKLY ALTERED
84.65	89.80	MAFIC VARIOLITE VARIOLITIC
89.80	96.50	MAFIC VARIOLITE VARIOLITIC WEAKLY ALTERED
96.50	116.85	MAFIC VARIOLITE VARIOLITIC
116.85	124.60	MASSIVE MAFIC VOLCANIC MASSIVE
124.60	147.40	MASSIVE MAFIC VOLCANIC MASSIVE
147.40	177.95	MASSIVE MAFIC VOLCANIC AMYGDALOIDAL WEAKLY ALTERED

Checked and signed:

*[Signature]*

Date:

Nov. 1/98

HOLE NO: PL98-7

SECTION: 12000E

GRID: PERRYLK

177.95	179.10	MASSIVE MAFIC VOLCANIC MASSIVE WEAKLY ALTERED
179.10	187.50	MAFIC VARIOLITE VARIOLITIC
187.50	222.70	MASSIVE MAFIC VOLCANIC MASSIVE WEAKLY ALTERED
222.70	227.80	MASSIVE MAFIC VOLCANIC MASSIVE WEAKLY ALTERED
227.80	238.90	MASSIVE MAFIC VOLCANIC AMYGDALOIDAL WEAKLY ALTERED
238.90	243.80	MASSIVE MAFIC VOLCANIC MASSIVE MODERATELY ALTERED
243.80	249.40	MASSIVE MAFIC VOLCANIC AMYGDALOIDAL WEAKLY ALTERED
249.40	252.60	MASSIVE MAFIC VOLCANIC MASSIVE MODERATELY ALTERED
252.60	256.85	SYENITE MASSIVE MODERATELY ALTERED
256.85	257.30	SYENITE MASSIVE MODERATELY ALTERED
257.30	259.20	SYENITE MASSIVE WEAKLY ALTERED
259.20	263.85	SYENITE MASSIVE WEAKLY ALTERED
263.85	265.65	SYENITE MASSIVE WEAKLY ALTERED
265.65	302.00	SYENITE MASSIVE WEAKLY ALTERED
302.00		END OF HOLE

Checked and signed: \_\_\_\_\_

Date: \_\_\_\_\_

DH DRILL LOG

From	To	Geological Log	FROM (m)	TO (m)	WIDTH (m)	SAMPL NO.	Au (gpt)
0.00	49.00	OVERBURDEN					
49.00	78.20	PILLOWED MAFIC VOLCANIC pillowed - Trace sphalerite at 68.5m along calcite veinlet. - Minor pyrite along pillow selvages. - 1-5% calcite veining. - Fine grained, dark green.	77.20	78.20	1.00	8581	<0.03
78.20	79.95	PILLOWED MAFIC VOLCANIC pillowed -3% fine disseminated pyrite concentrated along calcite veinlets - 1-5% calcite veining - fine grained, black 79.65-79.95 quartz-calcite vein , 10% fine and coarse pyrite, upper contact core angle at 60 degrees	78.20 79.65	79.65 79.95	1.45 .30	8582 8583	<0.03 0.60
79.95	83.65	MASSIVE MAFIC VOLCANIC amygdaloidal - Calcite filled amygdules - trace to 1% pyrite. - Calcite vein. - Foliation core angle at 65 degrees to core axis. - Medium grained, dark green.	79.95 80.95 81.95 82.95	80.95 81.95 82.95 83.65	1.00 1.00 1.00 .70	8584 8585 8586 8587	0.14 <0.03 <0.03 <0.03
83.65	84.65	MAFIC VARIOLITE variolitic weakly altered - Weak albitization - 2% fine disseminated pyrite and along irregular fractures - lower contact core angle at 50 degrees to core axis. - Fine to medium grained, grey.	83.65	84.65	1.00	8588	<0.03
84.65	89.80	MAFIC VARIOLITE variolitic - Locally trace pyrite - medium grained, grey to green	84.65 88.80	85.65 89.80	1.00 1.00	8589 8590	<0.03 <0.03
89.80	96.50	MAFIC VARIOLITE variolitic weakly altered - Weak silicification, weak hematization - minor to 1% fine pyrite - 1-5% calcite veining. - Foliation core angle at 50 degrees to core axis. - Medium grained, grey. - Strong magnetism	89.80 90.80 91.80 92.80 93.80 94.80 95.80	90.80 91.80 92.80 93.80 94.80 95.80	1.00 1.00 1.00 1.00 1.00 1.00 .70	8591 8592 8593 8594 8595 8596 8597	0.26 0.31 0.23 0.12 0.06 <0.03 0.05
96.50	116.85	MAFIC VARIOLITE variolitic - Locally thin bands of weakly altered mafic variolite - locally minor pyrite - medium grained, green.  98.0 - 98.8 MAFIC VARIOLITE, weakly altered, weak silicification, weak hematization, minor pyrite, pink, medium grained.  116.2 - 116.85 MAFIC VARIOLITE, weakly altered, weak silicification, minor pyrite, grey, fine to medium grained.	96.50 98.00 98.80 99.80 100.80 101.90	98.00 98.80 99.80 100.80 101.90 102.90	1.50 .80 1.00 1.00 1.10 1.00	8598 8599 8600 8601 8602 8603	0.09 0.43 <0.03 0.23 0.05 <0.03
116.85	124.60	MASSIVE MAFIC VOLCANIC massive - Locally thin bands of mafic variolite. - Trace to 1% pyrite. - 1-5% calcite veining. - Medium grained, dark green - moderate magnetism					
124.60	147.40	MASSIVE MAFIC VOLCANIC massive - Trace to 1% pyrite. - 1-5% calcite veining - strong magnetism, locally trace pyrite along calcite veinlets. - Medium grained, dark green.	131.20 132.20 133.20 134.35	132.20 133.20 134.35 135.35	1.00 1.00 1.15 1.00	8604 8605 8606 8607	<0.03 <0.03 0.13 <0.03

From	To	Geological Log	FROM (m)	TO (m)	WIDTH (m)	SAMPL NO.	Au (gpt)
		133.2 - 134.35 MAFIC VARIOLITE, weak silicification, weak hematization, calcite vein common, 1% fine pyrite, upper contact core angle at 10 degrees to core axis.					
147.40	177.95	MASSIVE MAFIC VOLCANIC amygdaloidal weakly altered - Weak hematization. - Locally thin bands with varioles. - Calcite amygdules common. - 1-5% calcite veining. - Medium grained, dark green - moderate magnetism	176.95	177.95	1.00	8608	<0.03
177.95	179.10	MASSIVE MAFIC VOLCANIC massive weakly altered - Weak silicification. - Minor to 1% fine pyrite adjacent silica sections - silica bands at 70 degrees to core axis. - Fine grained, dark green - strong magnetism	177.95	179.10	1.15	8609	<0.03
179.10	187.50	MAFIC VARIOLITE variolitic - Coarse varioles, locally variolitic varioles coalesce. - Varioles are hematite stained. - Trace to 1% pyrite. - Foliation core angle at 70 degrees to core axis. - Medium grained, green to pink. - Weak magnetism	179.10 180.10 181.10 182.10 183.10	180.10 181.10 182.10 183.10 184.20	1.00 1.00 1.00 1.00 1.10	8610 8611 8612 8613 8614	0.08 <0.03 <0.03 <0.03 <0.03
187.50	222.70	MASSIVE MAFIC VOLCANIC massive weakly altered - Weak chloritization - bleached, moderate magnetism. - Foliation core angle at 45 degrees to core axis. - Fine to medium grained, green.  216.2 - 216.5 MASSIVE MAFIC VOLCANIC, weakly altered, weak albitization, weak hematization, 5% fine pyrite, upper contact core angle at 50 degrees to core axis.	215.20 216.20 216.50 218.00 218.00 219.50 221.00 221.90	216.20 216.50 218.00 219.50 221.00 221.90 222.70	1.00 .30 1.50 1.50 1.50 .90 .80	8615 8616 8617 8618 8619 8620 8621	<0.03 0.28 0.04 <0.03 <0.03 0.08 <0.03
222.70	227.80	MASSIVE MAFIC VOLCANIC massive weakly altered - Weak albitization, weak ankeritization, weak hematization - trace to 1% pyrite. - 1-5% calcite veining. - Medium grained, grey to dark green. - Moderate magnetism  223.6 - 223.85 MASSIVE MAFIC VOLCANIC, moderately altered, moderate albitization, weak ankeritization, weak hematization, 10% clustered pyrite, upper contact core angle at 50 degrees to core axis.  225.0 - 225.3 MASSIVE MAFIC VOLCANIC, weakly altered, weak albitization, weak ankeritization, 10% fine disseminated pyrite, upper contact core angle at 50 degrees to core axis, grey, medium grained.	222.70 223.60 223.85 225.00 225.00 225.30 226.30 227.00	223.60 223.85 225.00 225.30 226.30 227.00 227.80	.90 .25 1.15 .30 1.00 .70 .80	8622 8623 8624 8625 8626 8627 8628	0.23 0.69 0.15 1.81 0.12 0.07 0.11
227.80	238.90	MASSIVE MAFIC VOLCANIC amygdaloidal weakly altered - Locally thin bands of albitic alteration - calcite amygdules - trace to 1% pyrite. - 1-5% calcite veining	227.80 228.80 229.80 230.80 231.90 233.00	228.80 229.80 230.80 231.90 233.00 234.50	1.00 1.00 1.00 1.10 1.10 1.50	8629 8630 8631 8632 8633 8634	<0.03 0.08 <0.03 0.13 <0.03 <0.03

From	To	Geological Log	FROM (m)	TO (m)	WIDTH (m)	SAMPL NO.	Au (gpt)
		- fine grained, green. - Moderate magnetism	234.50 236.00 237.50	236.00 237.50 238.90	1.50 1.50 1.40	8635 8636 8637	<0.03 <0.03 <0.03
238.90	243.80	MASSIVE MAFIC VOLCANIC massive moderately altered - Moderate albitization, weak ankeritization, weak hematization. - 3% pyrite as fine disseminations or thin bands - foliation core angle at 45 degrees to core axis. - Fine to medium grained, grey. - Weak magnetism	238.90 239.80 240.80 241.80 242.80	239.80 240.80 241.80 242.80	.90 1.00 1.00 1.00 1.00	8638 8639 8640 8641 8642	0.86 0.10 0.06 0.29 0.85
243.80	249.40	MASSIVE MAFIC VOLCANIC amygdaloidal weakly altered - Weak albitization, weak ankeritization - alteration occurs as a stockwork pattern about fractures. - Local sections of more intense alteration. - Dark grey to green.  247.35 - 248.35 MASSIVE MAFIC VOLCANIC, moderately altered, moderate albitization, weak ankeritization, weak hematization, 10% fine pyrite, grey, fine to medium grained.	243.80 244.80 245.80 246.80 247.35 248.35	244.80 245.80 246.80 247.35 248.35	1.00 1.00 1.00 .55 1.00 1.05	8643 8644 8645 8646 8647 8648	3.04 0.24 3.52 0.77 1.03 0.65
249.40	252.60	MASSIVE MAFIC VOLCANIC massive moderately altered - Moderate albitization, moderate ankeritization - 1-3% pyrite. - 1-5% calcite veining. - Foliation core angle at 50 degrees to core axis. - Fine to medium grained, grey.	249.40 250.40 251.40	250.40 251.40 252.60	1.00 1.00 1.20	8649 8650 8651	1.14 0.62 0.58
252.60	256.85	SYENITE massive moderately altered - Moderate albitization, moderate ankeritization. - Locally thin sections with 15% pyrite. - Locally fragments of less altered syenite present. - Foliation core angle at 60 degrees to core axis. - Medium grained, grey - weak magnetism	252.60 253.60 254.60 255.60	253.60 254.60 255.60	1.00 1.00 1.00 1.25	8652 8653 8654 8655	1.48 0.27 0.39 0.21
256.85	257.30	SYENITE massive moderately altered - Moderate sericitization. - 3-7% pyrite. - Medium grained, light grey.	256.85	257.30	.45	8656	0.15
257.30	259.20	SYENITE massive weakly altered - Weak sericitization, weak hematization - trace to 1% pyrite - locally syenite has been extensively brecciated. - Foliation core angle at 40 degrees to core axis. - Medium grained, light grey.  257.3 - 257.95 SYENITE, weak hematization, trace to 1% pyrite, very weak sericitic alteration.	257.30 257.95	257.95 259.20	.65 1.25	8657 8658	0.08 0.08
259.20	263.85	SYENITE massive weakly altered - Weak sericitization. - Sericitic alteration very weak and only locally present - trace to 1% pyrite. - 1-5% epidote veining. - Medium grained, pink - weak magnetism.	259.20 260.30 261.30 262.30 263.30	260.30 261.30 262.30 263.30	1.10 1.00 1.00 1.00 .55	8659 8660 8661 8662 8663	0.04 <0.03 0.04 0.06 0.39
263.85	265.65	SYENITE massive weakly altered - Weak albitization weak sericitization. - Trace to 1% pyrite. - Upper contact core angle at 45 degrees to core	263.85 264.90	264.90 265.65	1.05 .75	8664 8665	0.16 0.13

DH DRILL LOG

From	To	Geological Log	FROM (m)	TO (m)	WIDTH (m)	SAMPL NO.	Au (gpt)
		axis. - Locally blocky core. - Medium grained, grey.					
265.65	302.00	SYENITE massive weakly altered - Weak hematization - trace to 1% pyrite. - 1-5% epidote veining. - Medium grained, pink.	265.65	266.65	1.00	8666	0.19
			266.65	267.65	1.00	8667	0.36
			267.65	268.65	1.00	8668	0.21
			268.65	269.65	1.00	8669	<0.03
			269.65	270.65	1.00	8670	0.13
			270.65	271.65	1.00	8671	0.11
		285.5 - 286.3 SYENITE, strong epidotization , green, lower contact core angle at 70 degrees to core axis, medium grained.	271.65	272.65	1.00	8672	0.10
			272.65	273.65	1.00	8673	0.08
		286.3 - 287.15 SYENITE, moderate hematization, red, medium grained.					

\*\*\* END OF HOLE \*\*\* 302.00

HOLE NO: PL98-8	SECTION: 12000E	GRID: PERRYLK
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PROJECT CODE : 514060  
 TENEMENT : 803908  
 PROSPECT : PERRY LAKE PROPERTY  
 GRID : PERRYLK  
 MAP REFERENCE: 42A9  
 LOCATION :  
 HOLE TYPE : DH

\*\*\* DRILLING SUMMARY \*\*\*

DH	0.00	623.00	NQ
Drill contractor:	Norex		
Drill rig:			
Date started:	1/9/98		
Date finished:	13/9/98		
Logged by:	R. Kusins R. Gadzala		
Relogged by:			
Sampled by:			

\*\*\* COLLAR COORDINATES AND RL \*\*\*

SURVEYED	10730.00mN	12200.00mE	0.00RL
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Pre-collar depth: Final depth: 623.00

Purpose of hole: Undercut intersection in Hole PL97-4

Hole status: NQ

Comments: Perry Lake Property

Material left in hole: Capped Casing  
 Base of complete oxidation  
 Top of fresh rock: 46.2  
 Water first encountered:  
 Water inflow estimate:

\*\*\* SIGNIFICANT ASSAYS \*\*\*

From	To	Width	AU_G
226.10	227.10	1.00	1.98
351.30	352.80	1.50	2.13

\*\*\* SURVEY DATA \*\*\*

Survey Method: Acid tests

Depth	Azimuth	Inclination
0.00	180.00	-60.00
50.00	180.00	-62.00
100.00	180.00	-62.00
150.00	180.00	-62.00
200.00	180.00	-61.00
300.00	180.00	-63.00
350.00	180.00	-62.00
400.00	180.00	-62.00
450.00	180.00	-61.00
500.00	180.00	-60.00
550.00	180.00	-59.00
599.00	180.00	-59.00

\*\*\* SUMMARY LOG \*\*\*

0.00	46.20	OVERBURDEN
46.20	84.00	MASSIVE MAFIC VOLCANIC MASSIVE
84.00	138.50	PILLOWED MAFIC VOLCANIC PILLOWED
138.50	172.50	MASSIVE MAFIC VOLCANIC PILLOWED AND VARIOLITIC WEAKLY ALTERED
172.50	225.20	PILLOWED MAFIC VOLCANIC PILLOWED STRONGLY ALTERED
225.20	232.10	MAFIC HYALOCLASTITE HYALOCLASTIC STRONGLY ALTERED
232.10	264.10	PILLOWED MAFIC VOLCANIC VARIOLITIC WEAKLY ALTERED
264.10	377.80	MASSIVE MAFIC VOLCANIC PILLOWED AND VARIOLITIC MODERATELY ALTERED

Checked and signed: 

Date: Nov-1/98

HOLE NO: PL98-8

SECTION: 12000E

GRID: PERRYLK

377.80	411.00	MAFIC VARIOLITE PILLOWED STRONGLY ALTERED
411.00	424.50	MASSIVE MAFIC VOLCANIC MASSIVE STRONGLY ALTERED
424.50	480.70	PILLOWED MAFIC VOLCANIC PILLOWED STRONGLY ALTERED
480.70	485.40	MAFIC FLOW BRECCIA FLOW BRECCIA
485.40	489.70	MAFIC FLOW BRECCIA FLOW BRECCIA WEAKLY ALTERED
489.70	496.30	MASSIVE MAFIC VOLCANIC MASSIVE WEAKLY ALTERED
496.30	505.10	MASSIVE MAFIC VOLCANIC AMYGDALOIDAL
505.10	551.10	PILLOWED MAFIC VOLCANIC PILLOWED WEAKLY ALTERED
551.10	559.10	PILLOWED MAFIC VOLCANIC PILLOWED MODERATELY ALTERED
559.10	566.70	BRECCIA BRECCIA WEAKLY ALTERED
566.70	571.85	BRECCIA BRECCIA MODERATELY ALTERED
571.85	573.40	BRECCIA BRECCIA MODERATELY ALTERED
573.40	587.65	SYENITE BRECCIA WEAKLY ALTERED
587.65	623.00	SYENITE MASSIVE END OF HOLE

Checked and signed: \_\_\_\_\_

Date: \_\_\_\_\_



From	To	Geological Log	FROM (m)	TO (m)	WIDTH (m)	SAMPL NO.	Au (gpt)
0.00	46.20	OVERBURDEN					
46.20	84.00	<p>MASSIVE MAFIC VOLCANIC massive</p> <ul style="list-style-type: none"> <li>- 1-5% calcite and epidote veining.</li> <li>- Foliation core angle at 40 degrees to core axis.</li> <li>- Medium grained, green.</li> </ul> <p>58.45-61.25 MASSIVE MAFIC VOLCANIC, massive, weakly altered, weak chloritization, minor to 1% fine to medium grained pyrite, minor chalcopyrite, 1-5% quartz calcite veining, medium grained, green.</p>	57.45 58.45 59.45 60.45 61.25	58.45 59.45 60.45 61.25 62.25	1.00 1.00 1.00 .80 1.00	8674 8675 8676 8677 8678	0.26 0.07 0.05 <0.03 <0.03
84.00	138.50	<p>PILLOWED MAFIC VOLCANIC pillowed</p> <ul style="list-style-type: none"> <li>- Minor pyrite along pillow selvages.</li> <li>- 1-5% calcite veining.</li> <li>- Fine to medium grained, green.</li> </ul> <p>112.5-116.0 Pillow breccia, 1 to 20cm selvages, occasional hyalocastite.</p>					
138.50	172.50	<p>MASSIVE MAFIC VOLCANIC pillowed and variolitic moderately altered</p> <ul style="list-style-type: none"> <li>- Grades from preceding pillowed unit and the contact may be beyond at 146m where calcitic alteration disappears.</li> <li>- Grey green.</li> <li>- Medium grained.</li> <li>- Local weak calcite.</li> <li>- Trace to 0.5% disseminated pyrite.</li> <li>- 1-5% calcite veining, local sauceritized veinlets</li> <li>- local pillows and varioles are present</li> <li>- variolitic are weak, vague and more prevalent beyond 155m.</li> <li>- Feldspathic laths and spotting locally looks like leucoxene.</li> </ul>					
172.50	225.20	<p>PILLOWED MAFIC VOLCANIC pillowed strongly altered</p> <ul style="list-style-type: none"> <li>- Green</li> <li>- fine grained</li> <li>- hardness 4.5</li> <li>- strong calcite, weak ankeritization</li> <li>- 1-5% calcite veining, sauceritized veining</li> <li>- magnetic susceptibility 40-90</li> <li>- 20-80cm pillows with chl'c 1-10cm selvages locally with hyaloclastite.</li> </ul> <p>173.0-173.7 m mafic dyke, strong calcite, magnetic susceptibility 20-30, upper contact core angle 65 degrees to core axis, lower contact core angle 80 degrees to core axis.</p> <p>215.5-217.0m weakly hematitic.</p> <p>225.0-225.2m 1-2% disseminated pyrite.</p>	220.90 222.50 224.00 224.70	222.50 224.00 224.70 225.30	1.60 1.50 .70 .60	8679 8680 8681 8682	<0.03 <0.03 <0.03 0.05
225.20	232.10	<p>MAFIC HYALOCLASTITE hyaloclastic strongly altered</p> <ul style="list-style-type: none"> <li>- Green.</li> <li>- Fine to medium grained.</li> <li>- Strong calcite, weak ankeritization</li> </ul> <p>225.2-225.3m calcite and minor quartz vein at 30 degrees to core axis with fine grained trace to 1% pyrite.</p> <ul style="list-style-type: none"> <li>- Pyrite content overall is 1-2% with 225.3-227.1m having 20-35% pyrite</li> </ul>	225.30 226.10 227.10 228.50 230.00 231.40	226.10 227.10 228.50 230.00 231.40 232.10	.80 1.00 1.40 1.50 1.40 .70	8683 8684 8685 8686 8687 8688	0.13 1.98 0.10 0.04 <0.03 0.08

From	To	Geological Log	FROM (m)	TO (m)	WIDTH (m)	SAMPL NO.	Au (gpt)
		227.0-228.0m pyrrhotite					
232.10	264.10	PILLOWED MAFIC VOLCANIC variolitic moderately altered - Greenish grey. - Fine grained. - Weak calcite, weak ankeritization. - Trace to 1% pyrite. - 1% calcitic veinlets and joints - varioles are small (1-3mm on average) and pervasive, this unit may be called a variolite as 70-80% is varioles.  At 245.Monzonite hematitic fracture with pyrite.	232.10 233.00 234.50	233.00 234.50 236.00	.90 1.50 1.50	8689 8690 8691	<0.03 <0.03 <0.03
264.10	377.80	249.6-252.0m pillow breccia. MASSIVE MAFIC VOLCANIC pillowed and variolitic moderately altered - Green. - Fine grained. - Moderate calcite. - Trace to 1% pyrite. 264.1-283.0m magnetic susceptibility 30-40 283.0-356.0m magnetic susceptibility 200-3000 356.0-369.0m magnetic susceptibility 3000-8000 369.0-377.8m magnetic susceptibility 200-2000 - calcitic spotting. - Locally vague variolitic pillows appear to be developing, but not clear.  288.6-289.Monzonite Mafic to ultramafic dyke, grey, upper contact core angle at 50-60 degrees to core axis, hematite halo of 20-50 cm which has magnetic susceptibility of 9000-15,000  348.7-349.8m Hematitic quartz flooding with 3-5% fine grained fracture controlled pyrite, main fractures which appear to be the conduits for the alteration are at 15-25 degrees to core axis.  350.1-350.5m Bull white quartz, upper contact core angle at 50 degrees to core axis, only a few blebs of pyrite in wallrock, none in vein.  351.3-355.5m 8 to 10 small fractures with similar alteration as between 348.7-349.8m, but altered sections are 1-20cm.  359.3-362.4m moderate hematization, 1-5% pyrite, including at 361.8m 2cm semi massive fine grained pyrite, moderate silicification, weak albitization.  364.0-364.1m weak hematization, 1-2% pyrite, moderate silicification, weak albitization.  373.8-375.3m weak hematization to strong hematization, moderate silicification, weak albitization, 1-5% pyrite, at 375.3m 1cm semi massive fine grained pyrite. This like the hematitic sections with sil/alb/py appear to have been intruded along 20-30 degrees to core axis fractures.	347.00 348.70 350.00 350.60 351.30 351.30 352.80 352.80 354.00 354.00 357.80 359.30 360.80 362.30 362.30 363.80 363.80 372.80 373.80 375.30	348.70 350.00 350.60 351.30 352.80 354.00 355.50 359.30 360.80 362.30 363.80 365.00 373.80 375.30 376.80	1.70 1.30 .60 .70 1.50 1.20 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.20 1.00 1.50 1.50	8692 8693 8694 8695 8696 8697 8698 8699 8700 8701 8702 8703 8704 8705 8706	0.08 0.71 <0.03 0.21 2.13 0.25 0.23 <0.03 <0.03 0.07 <0.03 <0.03 <0.03 0.05 0.04

From	To	Geological Log	FROM (m)	TO (m)	WIDTH (m)	SAMPL NO.	Au (gpt)
377.80	411.00	<p>MAFIC VARIOLITE pillowed strongly altered</p> <ul style="list-style-type: none"> <li>- Green to purple green</li> <li>- fine grained</li> <li>- strong calcite</li> <li>- weak hematization to moderate hematization</li> <li>- trace pyrite</li> <li>- 70-90% varioles</li> <li>- varioles are buff to purple as centers are hematized and the rinds and fractures within the varioles are calcitic</li> <li>- varioles are 2-6mm in size</li> <li>- locally 20-50cm pillows, 2-3% calcite jointing and fractures.</li> <li>- Magnetic susceptibility 10-4000.</li> <li>- Varioles decrease and fade beyond 390m.</li> </ul> <p>408.1-409.4m Syenite, buff, grey, with metasomatized wallrock, upper contact core angle at 20 degrees to core axis.</p>					
411.00	424.50	<p>MASSIVE MAFIC VOLCANIC massive strongly altered</p> <ul style="list-style-type: none"> <li>- Green</li> <li>- fine grained</li> <li>- strong calcite, weak ankeritization</li> <li>- trace to 1% pyrite</li> <li>- magnetic susceptibility 20-400</li> <li>- 1-5% calcite veining</li> <li>- calcitic spotting or fuzzy edged amygdules.</li> </ul>					
424.50	480.70	<p>PILLOWED MAFIC VOLCANIC pillowed strongly altered</p> <ul style="list-style-type: none"> <li>- Green</li> <li>- fine grained</li> <li>- strong calcite</li> <li>- trace to 1% pyrite overall, local selvages have 1-5% pyrite</li> <li>- magnetic susceptibility 4000-15000</li> <li>- 1-5% calcite veining</li> <li>- 30-50cm pillows with weakly chl'c selvages of 0.5-2cm and occasional selvages with calcite may be up to 5cm</li> <li>- locally pillows are variolitic.</li> </ul> <p>425.6-426.1m PILLOWED MAFIC VOLCANIC, 3-5% pyrite in selvage.</p> <p>452.5-455.5m calcitic hairline fractures (5-15) with 1-3% pyrite.</p> <p>455.2-455.5m 5-7% fine grained pyrite associated with calcitic fractures and their haloes.</p> <p>479.3-479.7 PILLOWED MAFIC VOLCANIC, 5% pyrite, fine grained, as above, 1-5% calcite veining.</p> <p>480.55-480.65 PILLOWED MAFIC VOLCANIC, 3% pyrite, as above, 1-5% calcite veining.</p>	425.50 452.00 453.50 455.00 455.50 478.30 479.30 479.70	426.10 453.50 455.00 455.50 456.10 479.30 479.70 480.70	.60 1.50 1.50 .50 .60 1.00 .40 1.00	8707 8708 8709 8710 8711 8712 8713 8714	0.10 <0.03 <0.03 0.09 <0.03 0.06 0.06 <0.03
480.70	485.40	<p>MAFIC FLOW BRECCIA flow breccia</p> <ul style="list-style-type: none"> <li>- Clasts up to 10 cm.</li> <li>- Minor pyrite.</li> <li>- Fine to medium grained, dark green.</li> <li>- Strong magnetism</li> </ul>	480.70 482.10 483.10 484.10	482.10 483.10 484.10 485.40	1.40 1.00 1.00 1.30	8715 8716 8717 8718	<0.03 <0.03 <0.03 0.04

From	To	Geological Log	FROM (m)	TO (m)	WIDTH (m)	SAMPL NO.	Au (gpt)			
485.40	489.70	MAFIC FLOW BRECCIA flow breccia moderately altered - Locally weakly altered, weak ankeritization, weak albitization. - 2% fine disseminated pyrite. - Fine to medium grained, grey. - Strong magnetism.	485.40	486.40	1.00	8719	0.10			
			486.40	487.40	1.00	8720	0.04			
			487.40	488.10	.70	8721	0.08			
			488.10	489.10	1.00	8722	0.40			
			489.10	489.70	.60	8723	0.16			
489.70	496.30	MASSIVE MAFIC VOLCANIC massive moderately altered - Locally weak albitization. - 2% fine stockwork pyrite. - 1-5% calcite veining. - Fine to medium grained, dark grey. - Strong magnetism.	489.70	490.70	1.00	8724	0.26			
			490.70	491.70	1.00	8725	0.26			
			491.70	492.70	1.00	8726	0.37			
			492.70	493.70	1.00	8727	0.72			
			493.70	494.70	1.00	8728	0.51			
			494.70	495.70	1.00	8729	0.04			
496.30	505.10	MASSIVE MAFIC VOLCANIC amygdaloidal - Calcite amygdules. - Trace pyrite. - 1-5% calcite veining. - Dark green. - Moderate magnetism.  501.5-501.95 MASSIVE MAFIC VOLCANIC, weakly altered, weak albitization, 1-3% pyrite, minor pyrrhotite, 1-5% calcite veining, fine to medium grained, dark grey, lower contact core angle at 45 degrees to core axis.	496.30	497.30	1.00	8731	<0.03			
			497.30	498.30	1.00	8732	<0.03			
			498.30	499.30	1.00	8733	<0.03			
			499.30	500.30	1.00	8734	<0.03			
			500.30	501.50	1.20	8735	<0.03			
			501.50	501.95	.45	8736	0.07			
			501.95	502.95	1.00	8737	<0.03			
			505.10	551.10	PILLOWED MAFIC VOLCANIC pillowed moderately altered - Locally thin sections look like ultramafic volcanics. - Minor pyrite along calcite veinlets. - Moderate magnetism  519.6-520.4 MAFIC VARIOLITE, dark green, medium grained, weak foliation at 60 degrees to core axis, minor calcite veinlets.  523.2-525.95 PILLOWED MAFIC VOLCANIC, moderately altered, moderate calcite, weak hematization, 2% fine pyrite along margins of calcite veins, medium grained, grey to green, veining at 40 degrees to core axis.  534.2-537.95 PILLOWED MAFIC VOLCANIC, moderately altered, moderate calcite, 2% pyrite, mineralized about calcite veinlets, medium grained, light green.  545.35-545.9 PILLOWED MAFIC VOLCANIC, as above, moderately altered, moderate calcite, 2% pyrite and pyrrhotite.	522.20	523.20	1.00	8738	<0.03
						523.20	524.10	.90	8739	0.07
						524.10	525.10	1.00	8740	0.05
525.10	525.95	.85				8741	0.05			
525.95	526.95	1.00				8742	<0.03			
533.20	534.20	1.00				8743	0.05			
534.20	535.20	1.00				8744	0.04			
535.20	536.20	1.00				8745	0.08			
536.20	537.50	1.30				8746	<0.03			
537.50	538.50	1.00				8747	<0.03			
544.35	545.35	1.00				8748	<0.03			
545.35	545.90	.55				8749	0.18			
545.90	546.90	1.00				8750	<0.03			
550.10	551.10	1.00				8751	<0.03			
551.10	559.10	PILLOWED MAFIC VOLCANIC pillowed moderately altered - Moderate calcite. - Minor to 1% fine pyrite. - Numerous thin calcite veinlets. - Mineralized about calcite veins. - Calcite veining at 45 degrees to core axis. - Medium grained, light green. - Strong magnetism				551.10	552.10	1.00	8752	0.04
			552.10	553.10	1.00	8753	0.11			
			553.10	554.10	1.00	8754	<0.03			
			554.10	555.10	1.00	8755	0.05			
			555.10	556.10	1.00	8756	0.06			
			556.10	557.10	1.00	8757	<0.03			
			557.10	558.10	1.00	8758	<0.03			
			558.10	559.10	1.00	8759	0.09			

From	To	Geological Log	FROM (m)	TO (m)	WIDTH (m)	SAMPL NO.	Au (gpt)
559.10	566.70	BRECCIA BRECCIA moderately altered - Weak albitization, weak ankeritization. - Alteration tends to be patchy. - Breccia contains clasts of syenite and pillowed mafic volcanic - locally minor mafic variolite clasts. - 2% pyrite in altered sections. - 5-15% calcite veining locally 1-5% quartz veining. - Medium grained, grey to green. - Strong magnetism - trace chalcopryrite at 563.1m	559.10	560.10	1.00	8760	<0.03
			560.10	561.10	1.00	8761	<0.03
			561.10	562.10	1.00	8762	0.05
			562.10	563.30	1.20	8763	0.21
			563.30	564.30	1.00	8764	0.36
			564.30	565.30	1.00	8765	0.37
			565.30	566.00	.70	8766	0.04
			566.00	566.70	.70	8767	0.06
566.70	571.85	BRECCIA BRECCIA moderately altered - Moderate albitization, moderate ankeritization, weak sericitization. - Locally weakly hematitic. - 2% fine pyrite. - Fine magnetite grains common giving unit a speckled appearance. - Foliation core angle at 50 degrees to core axis. - Fine to medium grained, grey. - Strong magnetism	566.70	567.70	1.00	8768	0.04
			567.70	568.70	1.00	8769	0.05
			568.70	569.70	1.00	8770	0.10
			569.70	570.70	1.00	8771	0.09
			570.70	571.85	1.15	8772	0.07
571.85	573.40	BRECCIA BRECCIA moderately altered - Moderate sericitization, locally sections with fuchsite, locally weak albitization. - 2% fine pyrite, minor pyrrhotite. - Weak foliation at 50 degrees to core axis. - Clasts locally evident. - Medium grained, grey. - Moderate magnetism.	571.85	573.40	1.55	8773	0.09
573.40	587.65	SYENITE BRECCIA moderately altered - Weak albitization, weak ankeritization, weak sericitization. - 2% fine disseminated pyrite, locally fine magnetite grains. - Medium grained, grey. - Weak magnetism	573.40	574.40	1.00	8774	0.14
			574.40	575.40	1.00	8775	0.14
			575.40	576.40	1.00	8776	0.09
			576.40	577.50	1.10	8777	0.10
			577.50	578.50	1.00	8778	0.09
			578.50	579.50	1.00	8779	0.07
			579.50	580.50	1.00	8780	0.07
			580.50	581.50	1.00	8781	0.05
			581.50	582.50	1.00	8782	0.07
			582.50	583.50	1.00	8783	0.06
			583.50	584.50	1.00	8784	0.06
587.65	623.00	SYENITE massive - Minor pyrite. - Hematite stained. - Locally minor calcite vein. - Medium grained, pink. - Thin quartz vein with trace chalcopryrite at 592.65m.  610.4-612.5 SYENITE, weak hematization, 1% fine pyrite along fractures, syenite bleached about fractures, fracturing at 45 degrees to core axis.  615.9-616.7 LAMPROPHYRE, dark grey, fine to medium grained, upper contact core angle at 30 degrees to core axis.  616.95-617.8 LAMPROPHYRE, as above.  618.1-619.3 LAMPROPHYRE, as above.	587.65	588.65	1.00	8788	0.06
			588.65	589.65	1.00	8789	0.06
			589.65	590.65	1.00	8790	0.07
			590.65	591.65	1.00	8791	0.05
			591.65	592.75	1.10	8792	0.07
			592.75	593.75	1.00	8793	0.04
			593.75	594.75	1.00	8794	0.08
			594.75	595.75	1.00	8795	<0.03
			595.75	596.75	1.00	8796	0.12
			596.75	597.75	1.00	8797	0.38
			597.75	598.75	1.00	8798	<0.03
			609.40	610.40	1.00	8799	0.05
			610.40	611.40	1.00	8800	0.35
			611.40	612.50	1.10	8801	0.38
			612.50	613.50	1.00	8802	0.04
			613.50	614.50	1.00	8803	<0.03

DH DRILL LOG

From	To	Geological Log	FROM (m)	TO (m)	WIDTH (m)	SAMPL NO.	Au (gpt)
		620.7-622.05 LAMPROPHYRE, as above.					

\*\*\* END OF HOLE \*\*\* 623.00

HOLE NO: PL98-9	SECTION: 12000	GRID: PERRY LAKE
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PROJECT CODE : 514060  
 TENEMENT : 803908 803909 803891  
 PROSPECT : PERRY LAKE PROPERTY  
 GRID : PERRY LAKE  
 MAP REFERENCE: 42A9  
 LOCATION :  
 HOLE TYPE : DH

\*\*\* DRILLING SUMMARY \*\*\*

DH	0.00	548.00	NQ
Drill contractor:	Norex		
Drill rig:			
Date started:	14/9/98		
Date finished:	25/9/98		
Logged by:	R. Kusins		
Relogged by:			
Sampled by:			

\*\*\* COLLAR COORDINATES AND RL \*\*\*

NOMINAL	10750.00mN	12000.00mE	0.00RL
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Pre-collar depth: Final depth: 548.00  
 Purpose of hole: Test PLzone 200m below PL98-7  
 Hole status: NQ  
 Comments: Perry Lake Property

Material left in hole: Capped Casing  
 Base of complete oxidation  
 Top of fresh rock: 21.0  
 Water first encountered:  
 Water inflow estimate:

\*\*\* SURVEY DATA \*\*\*

Survey Method: Acid test

Depth	Azimuth	Inclination
0.00	180.00	-45.00
50.00	180.00	-44.00
100.00	180.00	-44.00
150.00	180.00	-45.00
200.00	180.00	-45.00
250.00	180.00	-45.00
300.00	180.00	-45.00
350.00	180.00	-44.00
400.00	180.00	-43.00
450.00	180.00	-42.00
500.00	180.00	-39.00

\*\*\* SIGNIFICANT ASSAYS \*\*\*

From	To	Width	AU_G
30.60	31.20	0.60	2.37
32.00	32.85	0.85	2.75

\*\*\* SUMMARY LOG \*\*\*

0.00	21.00	OVERBURDEN
21.00	22.50	PILLOWED MAFIC
		VOLCANIC PILLOWED
22.50	24.80	PILLOWED MAFIC
		VOLCANIC PILLOWED
		WEAKLY ALTERED
24.80	30.60	PILLOWED MAFIC
		VOLCANIC PILLOWED
		WEAKLY ALTERED
30.60	31.20	>15% CALCITE VEINING
		MODERATELY ALTERED
31.20	32.85	PILLOWED MAFIC
		VOLCANIC PILLOWED
		WEAKLY ALTERED
32.85	41.00	PILLOWED MAFIC
		VOLCANIC AMYGDALOIDAL
41.00	50.00	MASSIVE MAFIC VOLCANIC
		AMYGDALOIDAL
50.00	65.30	MASSIVE MAFIC VOLCANIC
		MASSIVE
65.30	68.30	PILLOWED MAFIC
		VOLCANIC AMYGDALOIDAL

Checked and signed: [Signature] Date: Nov. 1/98

HOLE NO: PL98-9

SECTION: 12000

GRID: PERRY LAKE

68.30	74.90	MASSIVE MAFIC VOLCANIC MASSIVE
74.90	90.75	DIABASE MASSIVE
90.75	121.00	MASSIVE MAFIC VOLCANIC MASSIVE
121.00	185.00	PILLOWED MAFIC VOLCANIC PILLOWED
185.00	233.80	MASSIVE MAFIC VOLCANIC MASSIVE
233.80	308.80	PILLOWED MAFIC VOLCANIC PILLOWED
308.80	309.80	PILLOWED MAFIC VOLCANIC PILLOWED WEAKLY ALTERED
309.80	318.80	MAFIC VARIOLITE VARIOLITIC WEAKLY ALTERED
318.80	326.00	MAFIC VARIOLITE VARIOLITIC WEAKLY ALTERED
326.00	348.15	MAFIC VARIOLITE VARIOLITIC WEAKLY ALTERED
348.15	348.70	MAFIC VARIOLITE VARIOLITIC WEAKLY ALTERED
348.70	374.80	MAFIC VARIOLITE VARIOLITIC
374.80	401.20	MASSIVE MAFIC VOLCANIC AMYGDALOIDAL
401.20	409.80	MAFIC VARIOLITE VARIOLITIC
409.80	433.10	PILLOWED MAFIC VOLCANIC PILLOWED
433.10	438.80	MAFIC VARIOLITE VARIOLITIC WEAKLY ALTERED
438.80	449.00	PILLOWED MAFIC VOLCANIC PILLOWED
449.00	462.95	MASSIVE MAFIC VOLCANIC MASSIVE
462.95	483.55	PILLOWED MAFIC VOLCANIC PILLOWED WEAKLY ALTERED
483.55	484.85	PILLOWED MAFIC VOLCANIC PILLOWED AND VARIOLITIC WEAKLY ALTERED
484.85	492.05	MASSIVE MAFIC VOLCANIC MASSIVE WEAKLY ALTERED
492.05	493.70	MASSIVE MAFIC VOLCANIC MASSIVE MODERATELY ALTERED
493.70	497.80	MASSIVE MAFIC VOLCANIC MASSIVE WEAKLY ALTERED
497.80	502.00	BRECCIA WEAKLY ALTERED
502.00	504.75	MASSIVE MAFIC VOLCANIC MASSIVE WEAKLY ALTERED

Checked and signed: \_\_\_\_\_

Date: \_\_\_\_\_



HOLE NO: PL98-9

SECTION: 12000

GRID: PERRY LAKE

504.75	508.20	SYENITE BRECCIA WEAKLY ALTERED
508.20	508.75	SYENITE BRECCIA WEAKLY ALTERED
508.75	520.50	SYENITE MASSIVE WEAKLY ALTERED
520.50	522.50	SYENITE MASSIVE
522.50	524.50	DIORITE, TRONDHJEMITE WEAKLY ALTERED
524.50	536.10	SYENITE MASSIVE
536.10	539.15	SYENITE MASSIVE WEAKLY ALTERED
539.15	542.80	SYENITE BRECCIA WEAKLY ALTERED
542.80	545.90	SYENITE MASSIVE
545.90	547.05	SYENITE MASSIVE WEAKLY ALTERED
547.05	548.00	SYENITE BRECCIA WEAKLY ALTERED
548.00		END OF HOLE

Checked and signed: \_\_\_\_\_

Date: \_\_\_\_\_

BATTLE MOUNTAIN CANADA  
DH DRILL LOG

From	To	Geological Log	FROM (m)	TO (m)	WIDTH (m)	SAMPL NO.	Au (gpt)
0.00	21.00	OVERBURDEN					
21.00	22.50	PILLOWED MAFIC VOLCANIC pillowed - Minor fine disseminated pyrite. - 1-5% calcite veining. - Fine to medium grained, dark green.  21.7-22.5 Fault gouge , very blocky core.	21.00	22.50	1.50	8804	0.17
22.50	24.80	PILLOWED MAFIC VOLCANIC pillowed weakly altered -Weakly altered , calcite alteration. - 3% fine pyrite, disseminated and banded. - 1-5% quartz calcite veining. -Upper contact core angle at 60 degrees to core axis. - Fine to medium grained, dark grey.	22.50 23.50	23.50 24.80	1.00 1.30	8805 8806	0.08 <0.03
24.80	30.60	PILLOWED MAFIC VOLCANIC pillowed weakly altered - Weak silicification and weak calcite. - Occassional quartz/calcite veining and stringers with increasing pyrite content adjacent veins. - 3% disseminated and clustered pyrite. - Upper contact core angle at 60 degrees to core axis. - Fine to medium grained, grey to green.  28.2-28.5 5-15% quartz calcite veining, moderately altered, moderate silicification, weak calcite, 5% disseminated and clustered pyrite, lower contact core angle at 70 degrees to core axis, medium grained, grey.  29.6-29.8 5-15% quartz veining, moderately altered, moderate silicification, 1-3% pyrrhotite, minor clustered pyrite, lower contact core angle at 40 degrees to core axis, fine to medium grained, grey.	24.80 26.00 26.00 27.00 28.00 28.50 29.60	26.00 27.00 28.00 28.50 29.60 30.60	1.20 1.00 1.00 .50 1.10 1.00	8807 8808 8809 8810 8811 8812	0.08 0.04 0.33 0.52 <0.03 0.17
30.60	31.20	>15% calcite veining moderately altered - Moderate calcite, weak silicification. - 10% banded pyrite. - Lower contact core angle at 70 degrees to core axis. - Fine to medium grained, grey.	30.60	31.20	.60	8813	2.37
31.20	32.85	PILLOWED MAFIC VOLCANIC pillowed weakly altered - Weak ankeritization and lesser albite alteration. - 2% fine disseminated and banded pyrite. - Lower contact core angle at 70 degrees to core axis. - Fine to medium grained, grey.	31.20 32.00	32.00 32.85	.80 .85	8814 8815	0.73 2.75
32.85	41.00	PILLOWED MAFIC VOLCANIC amygdaloidal - Calcite amygdules common. - Minor pyrite. - 1-5% calcite veining. - Fine to medium grained, dark green.	32.85 33.85 34.85	33.85 34.85 35.85	1.00 1.00 1.00	8816 8817 8818	0.79 <0.03 <0.03
41.00	50.00	MASSIVE MAFIC VOLCANIC amygdaloidal - Calcite amygdules. - Trace pyrite. - 1-5% calcite veining. - Fine to medium grained, dark green.					

BATTLE MOUNTAIN CANADA  
DH DRILL LOG

From	To	Geological Log	FROM (m)	TO (m)	WIDTH (m)	SAMPL NO.	Au (gpt)
50.00	65.30	MASSIVE MAFIC VOLCANIC massive - Minor pyrite. - 1-5% calcite veining. - Medium grained, dark green. - Strong magnetism					
65.30	68.30	PILLOWED MAFIC VOLCANIC amygdaloidal - Calcite amygdules. - Minor to 1% pyrite and magnetite. - 1-5% quartz calcite veining. - Medium grained, green. - Moderate magnetism					
68.30	74.90	MASSIVE MAFIC VOLCANIC massive - Trace disseminated pyrite. - 1-5% calcite veining. - Fine to medium grained, dark green.					
74.90	90.75	DIABASE massive - 1-5% calcite veining. - Medium grained, dark green. - Strong magnetism adjacent contacts. - Upper contact core angle at 70 degrees to core axis.					
90.75	121.00	MASSIVE MAFIC VOLCANIC massive - Trace disseminated pyrite. - 1-5% calcite and epidote veining. - Medium grained, dark green.					
121.00	185.00	PILLOWED MAFIC VOLCANIC pillowed - Minor disseminated pyrite. - 1-5% quartz calcite veining. - Fine grained, light green.  155.7-155.9 Fault gouge, upper contact core angle at 70 degrees to core axis.  182.9-183.1 Calcite vein, white, minor pyrite, upper contact core angle at 30 degrees to core axis.					
185.00	233.80	MASSIVE MAFIC VOLCANIC massive - Trace pyrite. - 1-5% calcite veining and locally epidote vein. - Fine to medium grained, dark green.  216.0-216.15 Calcite vein, 2% pyrite, upper contact core angle at 60 degrees to core axis, medium grained, white to grey.					
233.80	308.80	PILLOWED MAFIC VOLCANIC pillowed - Minor pyrite. - 1-5% calcite veining. - Fine to medium grained, light to dark green.  236.5-236.6 Calcite vein, 2% fine pyrite, upper contact core angle at 45 degrees to core axis, medium grained, grey.  245.95-246.15 Calcite vein, 2% fine pyrite, upper contact core angle at 45 degrees to core axis, medium grained, grey.  263.9-264.0 Calcite vein, vuggy, well developed calcite crystals, minor galena, upper contact core angle at 30 degrees to core axis, medium grained, white.	307.85	308.85	1.00	8819	<0.03

BATTLE MOUNTAIN CANADA  
DH DRILL LOG

From	To	Geological Log	FROM (m)	TO (m)	WIDTH (m)	SAMPL NO.	Au (gpt)
308.80	309.80	PILLOWED MAFIC VOLCANIC pillowed weakly altered - Weak albitization. - 10% fine banded and medium grained clustered pyrite. - Pyrite content increases adjacent contacts. - 1-5% calcite veining. - Lower contact core angle at 80 degrees to core axis. - Medium grained grey.	308.85	309.80	.95	8820	0.33
309.80	318.80	MAFIC VARIOLITE variolitic weakly altered - Weak calcite alteration. - Minor pyrite. - Locally pillowed. - 1-5% calcite veining. - Medium grained, dark green.	309.80 317.80	310.80 318.80	1.00 1.00	8821 8822	0.11 <0.03
318.80	326.00	MAFIC VARIOLITE variolitic weakly altered - Weak calcite, weak albitization, weak hematization. - 1% fine banded pyrite about veins. - 1-5% calcite veining. - Medium grained, grey to green.	318.80 319.80 320.80 322.00 323.00 323.60 324.60	319.80 320.80 322.00 323.00 323.60 324.60	1.00 1.00 1.20 1.00 .60 1.00 1.40	8823 8824 8825 8826 8827 8828 8829	<0.03 <0.03 0.05 <0.03 <0.03 0.41 0.26
326.00	348.15	MAFIC VARIOLITE variolitic weakly altered - Weak calcite, locally weakly hematitic. - Minor pyrite along fractures, weak alteration about fractures. - 1-5% calcite veining. - Medium grained, green. - Strong magnetism  334.7-335.25 MAFIC VARIOLITE, weakly altered, weak albitization, 1% disseminated pyrite, 1-5% calcite veining, upper contact core angle at 50 degrees to core axis, medium grained, dark grey.	326.00 327.00 328.00 329.00 330.00 331.00 332.00 333.00 334.00 334.70 335.25 336.25 345.00 346.15 347.15	327.00 328.00 329.00 330.00 331.00 332.00 333.00 334.00 334.70 335.25 336.25 346.15 347.15	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 .70 .55 1.00 1.00 1.15 1.00 1.00	8830 8831 8832 8833 8834 8835 8836 8837 8838 8839 8840 8841 8842 8843 8844	0.04 <0.03 <0.03 <0.03 <0.03 0.32 0.05 <0.03 <0.03 0.42 0.04 <0.03 0.08 <0.03 0.04
348.15	348.70	MAFIC VARIOLITE variolitic weakly altered - Weak albitization. - 1-3% pyrite, <1% Chalcopyrite, strong magnetism. - 1-5% calcite veining. - Upper contact core angle at 50 degrees to core axis. - Medium grained, grey.	348.15	348.70	.55	8845	0.53
348.70	374.80	MAFIC VARIOLITE variolitic - Trace to 1% pyrite, strong magnetism. - 1-5% calcite veining. - Medium grained, dark green.  367.2-369.75 MAFIC VARIOLITE, weakly altered, weak calcite, weak hematization, trace to 1% pyrite, strong magnetism, 1-5% calcite veining, upper contact core angle at 40 degrees to core axis, medium grained, pink to green.	348.70 349.70	349.70 350.70	1.00 1.00	8846 8847	<0.03 <0.03
374.80	401.20	MASSIVE MAFIC VOLCANIC amygdaloidal - Locally thin bands are variolitic. - Calcite amygdules. - 1-5% calcite veining. - Medium grained, dark green.					

BATTLE MOUNTAIN CANADA  
DH DRILL LOG

From	To	Geological Log	FROM (m)	TO (m)	WIDTH (m)	SAMPL NO.	Au (gpt)
401.20	409.80	MAFIC VARIOLITE variolitic - Well developed coarse varioles which locally coalesce. - 1-5% calcite veining. - Foliation core angle at 50 degrees to core axis. - Medium grained, dark to light green. - Moderate magnetism.					
409.80	433.10	PILLOWED MAFIC VOLCANIC pillowed - Locally trace pyrite. - 1-5% calcite veining. - Medium grained, dark green.  425.9-426.7 PILLOWED MAFIC VOLCANIC, weakly altered, weak calcite, weak albitization, 10% fine disseminated pyrite, mineralized about pillow selvages, 1-5% calcite veining, upper contact core angle at 50 degrees to core axis, fine to medium grained, dark grey.	424.90 425.90 426.70	425.90 426.70 427.70	1.00 .80 1.00	8848 8849 8850	<0.03 0.25 0.04
433.10	438.80	MAFIC VARIOLITE variolitic weakly altered - Weak chloritization, weak hematization. - Minor pyrite. - 1-5% calcite veining. - Foliation core angle at 50 degrees to core axis. - Medium grained, dark green. - Strong magnetism					
438.80	449.00	PILLOWED MAFIC VOLCANIC pillowed - Trace pyrite. - Locally thin mafic variolite sections. - 1-5% calcite veining. - Fine to medium grained, light green. - Strong magnetism.					
449.00	462.95	MASSIVE MAFIC VOLCANIC massive - 1-5% calcite veining. - Fine to medium grained, dark green. - Strong magnetism.	461.55 462.55	462.55 463.55	1.00 1.00	8871 8851	<0.03 0.04
462.95	483.55	PILLOWED MAFIC VOLCANIC pillowed weakly altered - Weak calcite, occasional thin albite veins with minor to 2% pyrite. - 1-5% calcite veining. - Veining at 70 degrees to core axis. - Fine to medium grained, dark green. - Strong magnetism	463.55 464.55 465.55 466.55 467.55 468.55 469.55 470.55 471.55 472.55 473.55 474.55 475.55 476.55 477.55 478.55 479.70 480.70 481.70 482.70	464.55 465.55 466.55 467.55 468.55 469.55 470.55 471.55 472.55 473.55 474.55 475.55 476.55 477.55 478.55 479.70 480.70 481.70 482.70	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.15 1.00 1.00 1.00	8852 8853 8854 8855 8856 8857 8858 8859 8860 8861 8862 8863 8864 8865 8866 8867 8868 8869 8870 8871	<0.03 <0.03 <0.03 <0.03 <0.03 0.05 <0.03 0.04 <0.03 0.04 <0.03 <0.03 <0.03 <0.03 0.17 0.09 0.07 <0.03 <0.03 <0.03 <0.03
483.55	484.85	PILLOWED MAFIC VOLCANIC pillowed and variolitic weakly altered - Weak albitization, weak ankeritization. - Locally thin bands are variolitic. - 2% fine disseminated pyrite. - 1-5% calcite veining.	483.55	484.85	1.30	8873	0.14

BATTLE MOUNTAIN CANADA  
DH DRILL LOG

From	To	Geological Log	FROM (m)	TO (m)	WIDTH (m)	SAMPL NO.	Au (gpt)
		- Upper contact core angle 60 degrees to core axis. - Fine to medium grained, grey to green.					
484.85	492.05	MASSIVE MAFIC VOLCANIC massive weakly altered - Local thin bands of albitic alteration, locally weak stockwork developed. - Minor pyrite. - 1-5% calcite veining. - Upper contact core angle at 60 degrees to core axis. - Fine to medium grained, dark green. - Strong magnetism	484.85 485.95 486.95 487.95 488.95 489.95 490.95	485.95 486.95 487.95 488.95 489.95 490.95	1.10 1.00 1.00 1.00 1.00 1.00 1.10	8874 8875 8876 8877 8878 8879 8880	0.04 <0.03 <0.03 0.05 <0.03 <0.03 <0.03
492.05	493.70	MASSIVE MAFIC VOLCANIC massive moderately altered - Moderate albitization, moderate ankeritization. - 3% fine disseminated pyrite. - 1-5% calcite veining. - Upper contact core angle at 70 degrees to core axis. - Fine to medium grained, grey. - Weak magnetism	492.05 492.85	492.85 493.70	.80 .85	8881 8882	0.24 0.28
493.70	497.80	MASSIVE MAFIC VOLCANIC massive weakly altered - Occasional thin albite veins with up to 3% pyrite, lower contact becomes more sericitic. - Minor fine pyrite. - 1-5% calcite veining. - Medium grained, dark green. - Strong magnetism	493.70 494.70 495.70 496.70	494.70 495.70 496.70 497.80	1.00 1.00 1.00 1.10	8883 8884 8885 8886	0.04 <0.03 <0.03 <0.03
497.80	502.00	BRECCIA weakly altered - Weak albitization, weak ankeritization, weak sericitization. - Clasts of mafic volcanic and syenite, becoming more sericitic towards lower contact. - 3% fine banded pyrite. - 1-5% calcite veining. - Medium grained, grey to green. - Moderate magnetism. - Trace honey coloured sphalerite at 499.1m.	497.80 498.80 499.80 500.80	498.80 499.80 500.80 502.00	1.00 1.00 1.00 1.20	8887 8888 8889 8890	<0.03 <0.03 <0.03 <0.03
502.00	504.75	MASSIVE MAFIC VOLCANIC massive weakly altered - Weak calcite. - Trace pyrite. - 1-5% calcite veining. - Medium grained, dark green. - Strong magnetism	502.00 503.00 504.00	503.00 504.00 504.75	1.00 1.00 .75	8891 8892 8893	0.07 <0.03 <0.03
504.75	508.20	SYENITE breccia weakly altered - Weak albitization, weak ankeritization, weak hematization. - 2% fine disseminated pyrite. - 1-5% calcite veining. - Medium grained, grey. - Strong magnetism	504.75 505.75 506.75	505.75 506.75 508.20	1.00 1.00 1.45	8894 8895 8896	0.07 0.07 0.04
508.20	508.75	SYENITE breccia weakly altered - Weak sericitization, weak albitization, weak hematization. - 2% fine disseminated pyrite. - 1-5% calcite veining. - Medium grained, pink to grey.	508.20	508.75	.55	8897	0.21

BATTLE MOUNTAIN CANADA  
DH DRILL LOG

From	To	Geological Log	FROM (m)	TO (m)	WIDTH (m)	SAMPL NO.	Au (gpt)
508.75	520.50	SYENITE massive weakly altered - Weak sericitization, weak hematization. - Trace pyrite, fine disseminated magnetite in sericitized sections. - Medium grained, pink. - Moderate magnetism.	508.75	509.75	1.00	8898	<0.03
			509.75	510.75	1.00	8899	<0.03
			510.75	511.75	1.00	8900	<0.03
			511.75	512.75	1.00	8901	<0.03
			512.75	513.75	1.00	8902	0.05
			513.75	514.75	1.00	8903	0.05
			514.75	515.75	1.00	8904	0.09
			515.75	516.75	1.00	8905	0.05
			516.75	517.75	1.00	8906	<0.03
			517.75	518.75	1.00	8907	<0.03
518.75	519.75	1.00	8908	<0.03			
519.75	520.50	.75	8909	<0.03			
520.50	522.50	SYENITE massive - Weak hematization. - Trace pyrite. - Coarse grained, red.	520.50	521.50	1.00	8910	<0.03
			521.50	522.50	1.00	8911	<0.03
522.50	524.50	DIORITE, TRONDHJEMITE weakly altered - Weak ankeritization, weak hematization. - Minor pyrite. - 1-5% calcite veining. - Upper contact core angle at 30 degrees to core axis. - Fine to medium grained, grey to green.	522.50	523.50	1.00	8912	<0.03
			523.50	524.50	1.00	8913	<0.03
524.50	536.10	SYENITE massive -Weak hematization. - Trace pyrite. - Coarse grained, red.	524.50	525.50	1.00	8914	<0.03
			525.50	526.50	1.00	8915	0.09
			535.10	536.10	1.00	8916	0.04
536.10	539.15	SYENITE massive weakly altered - Weak sericitization, weak hematization, locally thin sections strongly sericitic. - Minor pyrite. - Medium grained, pink.	536.10	537.10	1.00	8917	0.04
			537.10	538.20	1.10	8918	0.05
			538.20	539.50	1.30	8919	0.10
539.15	542.80	SYENITE breccia weakly altered - Weak ankeritization. - Clasts of syenite in a more mafic groundmass, upper and lower contacts are more ankeritized. - Minor to 1% fine pyrite. - Upper contact core angle at 45 degrees to core axis. - Medium grained, dark grey	539.50	540.50	1.00	8920	0.05
			540.50	541.50	1.00	8921	<0.03
			541.50	542.80	1.30	8922	<0.03
542.80	545.90	SYENITE massive - Weak hematization. - Minor pyrite. - Medium grained, pink. - Possible xenolith of mineralized material at 545.7.	542.80	543.80	1.00	8923	0.08
			543.80	544.80	1.00	8924	0.06
			544.80	545.90	1.10	8925	0.09
545.90	547.05	SYENITE massive weakly altered - Weak ankeritization, weak sericitization. - 1-2% fine disseminated pyrite. - Upper contact core angle at 40 degrees to core axis. - Medium grained, grey to pink.	545.90	547.05	1.15	8926	0.11
547.05	548.00	SYENITE breccia weakly altered - Weak ankeritization, weak calcite. - Trace pyrite. - Medium grained, dark grey.	547.05	548.00	.95	8927	<0.03

\*\*\* END OF HOLE \*\*\* 548.00

BATTLE MOUNTAIN CANADA

HOLE NO: PL98-10

SECTION: 11800

PL98-10

GRID: PERRY LAKE

PROJECT CODE : 514060  
 TENEMENT : 803909 803910 803891  
 PROSPECT : PERRY LAKE  
 GRID : PERRY LAKE  
 MAP REFERENCE: 42A9  
 LOCATION :  
 HOLE TYPE : DH

\*\*\* DRILLING SUMMARY \*\*\*

DH	0.00	653.00	NQ
Drill contractor:	Norex		
Drill rig:			
Date started:	25/9/98		
Date finished:	3/10/98		
Logged by:	R. Kusins		
Relogged by:			
Sampled by:			

\*\*\* COLLAR COORDINATES AND RL \*\*\*

NOMINAL	10775.00mN	11800.00mE	0.00RL
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Pre-collar depth: Final depth: 653.00  
 Purpose of hole: Test 200m beneath PL96-1  
 Hole status: NQ  
 Comments: Perry Lake Property

Material left in hole: Capped Casing  
 Base of complete oxidation  
 Top of fresh rock: 21.0  
 Water first encountered:  
 Water inflow estimate:

\*\*\* SURVEY DATA \*\*\*

Survey Method: Acid tests

Depth	Azimuth	Inclination
0.00	180.00	-45.00
50.00	180.00	-45.00
100.00	180.00	-45.00
150.00	180.00	-45.00
200.00	180.00	-45.00
250.00	180.00	-45.00
300.00	180.00	-45.00
350.00	180.00	-45.00
400.00	180.00	-44.00
449.00	180.00	-43.00
500.00	180.00	-40.00
550.00	180.00	-39.00
600.00	180.00	-37.00

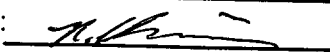
\*\*\* SIGNIFICANT ASSAYS \*\*\*

From	To	Width	AU_G
209.70	210.70	1.00	1.10

\*\*\* SUMMARY LOG \*\*\*

0.00	21.00	OVERBURDEN
21.00	46.30	MASSIVE MAFIC VOLCANIC MASSIVE
46.30	48.80	MASSIVE MAFIC VOLCANIC MASSIVE MODERATELY ALTERED
48.80	53.70	MASSIVE MAFIC VOLCANIC MASSIVE MODERATELY ALTERED
53.70	54.30	MASSIVE MAFIC VOLCANIC MASSIVE MODERATELY ALTERED
54.30	59.00	MASSIVE MAFIC VOLCANIC MASSIVE MODERATELY ALTERED
59.00	60.50	MASSIVE MAFIC VOLCANIC MASSIVE MODERATELY ALTERED
60.50	91.80	MASSIVE MAFIC VOLCANIC AMYGDALOIDAL

Checked and signed:



Date:

Nov. 1/98



HOLE NO: PL98-10

SECTION: 11800

GRID: PERRY LAKE

114.40	116.60	MASSIVE MAFIC VOLCANIC MASSIVE
116.60	119.10	MASSIVE MAFIC VOLCANIC MASSIVE WEAKLY ALTERED
119.10	140.80	MASSIVE MAFIC VOLCANIC MASSIVE
140.80	155.10	PILLOWED MAFIC VOLCANIC PILLOWED
155.10	156.90	PILLOWED MAFIC VOLCANIC PILLOWED WEAKLY ALTERED
156.90	190.45	PILLOWED MAFIC VOLCANIC PILLOWED
190.45	192.00	PILLOWED MAFIC VOLCANIC PILLOWED WEAKLY ALTERED
192.00	206.70	MASSIVE MAFIC VOLCANIC MASSIVE
206.70	216.90	PILLOWED MAFIC VOLCANIC PILLOWED
216.90	279.20	PILLOWED MAFIC VOLCANIC PILLOWED
279.20	284.00	MASSIVE MAFIC VOLCANIC MASSIVE
284.00	293.40	PILLOWED MAFIC VOLCANIC PILLOWED
293.40	296.20	PILLOWED MAFIC VOLCANIC PILLOWED WEAKLY ALTERED
296.20	300.25	PILLOWED MAFIC VOLCANIC PILLOWED
300.25	316.90	PILLOWED MAFIC VOLCANIC PILLOWED
316.90	348.50	MASSIVE MAFIC VOLCANIC MASSIVE
348.50	388.70	PILLOWED MAFIC VOLCANIC AMYGDALOIDAL
388.70	397.55	PILLOWED MAFIC VOLCANIC PILLOWED WEAKLY ALTERED
397.55	399.40	PILLOWED MAFIC VOLCANIC PILLOWED MODERATELY ALTERED
399.40	429.40	PILLOWED MAFIC VOLCANIC PILLOWED
429.40	448.50	MASSIVE MAFIC VOLCANIC MASSIVE
448.50	452.00	MASSIVE MAFIC VOLCANIC MASSIVE
452.00	454.50	MAFIC VARIOLITE VARIOLITIC
454.50	457.70	MAFIC VARIOLITE VARIOLITIC WEAKLY ALTERED
457.70	482.60	MAFIC VARIOLITE VARIOLITIC WEAKLY ALTERED
482.60	485.20	MAFIC VARIOLITE VARIOLITIC WEAKLY ALTERED
485.20	511.90	MAFIC VARIOLITE VARIOLITIC

Checked and signed: \_\_\_\_\_

Date: \_\_\_\_\_

HOLE NO: PL98-10

SECTION: 11800

GRID: PERRY LAKE

511.90	515.30	MAFIC VARIOLITE VARIOLITIC WEAKLY ALTERED
515.30	522.75	MAFIC VARIOLITE VARIOLITIC WEAKLY ALTERED
522.75	527.35	MAFIC VARIOLITE VARIOLITIC
527.35	548.80	MASSIVE MAFIC VOLCANIC MASSIVE
548.80	567.80	MAFIC VARIOLITE VARIOLITIC
567.80	576.90	MASSIVE MAFIC VOLCANIC MASSIVE
576.90	583.10	DIORITE, TRONDHJEMITE MASSIVE
583.10	584.70	MASSIVE MAFIC VOLCANIC MASSIVE MODERATELY ALTERED
584.70	593.85	MASSIVE MAFIC VOLCANIC MASSIVE
593.85	595.50	MASSIVE MAFIC VOLCANIC MASSIVE WEAKLY ALTERED
595.50	620.60	MASSIVE MAFIC VOLCANIC MASSIVE
620.60	626.15	MASSIVE MAFIC VOLCANIC MASSIVE WEAKLY ALTERED
626.15	644.90	SYENITE MASSIVE ALTERED
644.90	650.80	SYENITE MASSIVE
650.80	652.10	SYENITE MASSIVE WEAKLY ALTERED
652.10	653.00	SYENITE MASSIVE
653.00		END OF HOLE

Checked and signed: \_\_\_\_\_

Date: \_\_\_\_\_

BATTLE MOUNTAIN CANADA  
DH DRILL LOG

From	To	Geological Log	FROM (m)	TO (m)	WIDTH (m)	SAMPL NO.	Au (gpt)
0.00	21.00	OVERBURDEN					
21.00	46.30	MASSIVE MAFIC VOLCANIC massive - Trace pyrite. - 1-5% calcite veining, 1-5% epidote veining. - Fine to medium grained, dark green.	45.30	46.30	1.00	8928	<0.03
46.30	48.80	MASSIVE MAFIC VOLCANIC massive moderately altered - Moderate calcite. - Trace pyrite. - 1-5% calcite veining. - Fine grained, light grey.	46.30 47.30	47.30 48.80	1.00 1.50	8929 8930	<0.03 <0.03
48.80	53.70	MASSIVE MAFIC VOLCANIC massive altered - Weak calcite. - Minor to 1% fine pyrite and pyrrhotite along quartz vein. - 1-5% quartz calcite veining. - Fine to medium grained, dark grey.  At 52.1m, 10cm seam of graphite, upper contact core angle at 75 degrees to core axis.	48.80 49.75 51.00 52.10 53.00	49.75 51.00 52.10 53.00 53.70	.95 1.25 1.10 .90 .70	8931 8932 8933 8934 8935	0.05 0.24 0.05 0.15 0.16
53.70	54.30	MASSIVE MAFIC VOLCANIC massive weakly altered - Weak silicification. - 5% fine pyrite along quartz vein. - Medium grained, grey.	53.70	54.30	.60	8936	0.26
54.30	59.00	MASSIVE MAFIC VOLCANIC massive weakly altered - Weak calcite. - Minor pyrite and pyrrhotite. - 1-5% calcite veining. - Medium grained, grey.	54.30 55.30 56.30	55.30 56.30 57.30	1.00 1.00 1.00	8937 8938 8939	<0.03 <0.03 <0.03
59.00	60.50	MASSIVE MAFIC VOLCANIC massive moderately altered - Weak calcite. - 1-5% calcite veining. - Fine grained, light grey.					
60.50	91.80	MASSIVE MAFIC VOLCANIC amygdaloidal - Calcite filled amygdules. - Minor pyrite. - Calcite vein, 1-5% epidote veining. - Medium grained, green.  At 64.7 minor disseminated arsenopyrite?	62.00 63.00 64.00 65.00	63.00 64.00 65.00 66.00	1.00 1.00 1.00 1.00	8940 8941 8942 8943	<0.03 <0.03 <0.03 <0.03
91.80	114.40	MASSIVE MAFIC VOLCANIC massive - Trace pyrite. - 1-5% calcite veining, 1-5% epidote veining. - Fine to medium grained, dark green.					
114.40	116.60	MASSIVE MAFIC VOLCANIC massive - Weak leucoxene. - Trace pyrite, minor magnetite. - Medium grained, dark green. - Strong magnetism	115.60	116.60	1.00	8944	<0.03
116.60	119.10	MASSIVE MAFIC VOLCANIC massive weakly altered - Weak calcite. - 2% fine disseminated and banded pyrite. - 1-5% calcite veining. - Fine to medium grained, dark grey. - Strong magnetism.	116.60 117.60 118.40	117.60 118.40 119.10	1.00 .80 .70	8945 8946 8947	<0.03 0.04 0.04

BATTLE MOUNTAIN CANADA  
DH DRILL LOG

From	To	Geological Log	FROM (m)	TO (m)	WIDTH (m)	SAMPL NO.	Au (gpt)
119.10	140.80	MASSIVE MAFIC VOLCANIC massive - Weak leucoxene. - Trace pyrite, minor magnetite. - 1-5% calcite veining. - Fine to medium grained, dark green. - Strong magnetism.	119.10	120.10	1.00	8948	<0.03
140.80	155.10	PILLOWED MAFIC VOLCANIC pillowed - Trace pyrite. - 1-5% calcite veining. - Fine to medium grained, dark green.	154.10	155.10	1.00	8949	<0.03
155.10	156.90	PILLOWED MAFIC VOLCANIC pillowed weakly altered - Weak silicification. - 1% fine disseminated pyrite and pyrrhotite. - 1-5% quartz calcite veining. - Fine to medium grained, dark green.	155.10 156.10	156.10 156.90	1.00 .80	8950 8951	0.11 0.14
156.90	190.45	PILLOWED MAFIC VOLCANIC pillowed - Trace pyrite. - Calcite vein. - Fine to medium grained, dark green.	156.90 189.45	157.90 190.45	1.00 1.00	8952 8953	<0.03 <0.03
190.45	192.00	PILLOWED MAFIC VOLCANIC pillowed weakly altered - Weak silicification. - 1% fine and coarse pyrite. - 1-5% quartz calcite veining. - Fine to medium grained, dark green.	190.45 191.20	191.20 192.00	.75 .80	8954 8955	<0.03 <0.03
192.00	206.70	MASSIVE MAFIC VOLCANIC massive - Locally pillowed. - Trace pyrite. - Occasional calcite veinlets. - Fine to medium grained, dark green.	192.00 205.70	193.00 206.70	1.00 1.00	8956 8957	<0.03 <0.03
206.70	216.90	PILLOWED MAFIC VOLCANIC pillowed - 1% coarse pyrite and pyrrhotite about pillow selvages. - 1-5% calcite veining. - Fine to medium grained, dark green.	206.70 207.70 208.70 209.70 210.70 211.70 212.70 214.00 215.00 216.00 216.90	207.70 208.70 209.70 210.70 211.70 212.70 214.00 215.00 216.00 216.90	1.00 1.00 1.00 1.00 1.00 1.00 1.30 1.00 1.00 1.00 .90	8958 8959 8960 8961 8962 8963 8964 8965 8966 8967	<0.03 <0.03 <0.03 1.10 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03
216.90	279.20	PILLOWED MAFIC VOLCANIC pillowed - Minor pyrite about pillow selvages. - 1-5% calcite veining, 1-5% epidote veining. - Fine to medium grained, dark green.  236.2-236.7 Calcite vein, 1% fine pyrite along vein boundary, medium grained, dark grey.	216.90 235.20 236.20 236.70 238.00 239.00	217.90 236.20 236.70 238.00 239.00 240.00	1.00 1.00 .50 1.30 1.00 1.00	8968 8969 8970 8971 8972 8973	<0.03 <0.03 0.62 <0.03 0.06 <0.03
279.20	284.00	MASSIVE MAFIC VOLCANIC massive - Trace pyrite. - 1-5% calcite veining. - Medium grained, dark green.					
284.00	293.40	PILLOWED MAFIC VOLCANIC pillowed - Minor pyrite. - 1-5% calcite veining, 1-5% epidote veining. - Fine to medium grained, dark green.	292.40	293.40	1.00	8974	0.08
293.40	296.20	PILLOWED MAFIC VOLCANIC pillowed weakly altered - Weak albitization, weak calcite. - 5% fine disseminated pyrite. - 1-5% calcite veining. - Medium grained, grey.	293.40 294.40 295.40	294.40 295.40 296.20	1.00 1.00 .80	8975 8976 8977	0.48 0.30 0.45

BATTLE MOUNTAIN CANADA  
DH DRILL LOG

From	To	Geological Log	FROM (m)	TO (m)	WIDTH (m)	SAMPL NO.	Au (gpt)
296.20	300.25	PILLOWED MAFIC VOLCANIC pillowed - 1-2% fine pyrite along calcite veinlets and pillow selvages. - 5-15% calcite veining. - Fine to medium grained, bl to dark green. - Moderate magnetism.	296.20 297.20 298.20 299.20	297.20 298.20 299.20 300.25	1.00 1.00 1.00 1.05	8978 8979 8980 8981	0.09 0.10 0.20 0.16
300.25	316.90	PILLOWED MAFIC VOLCANIC pillowed - 1-5% calcite veining, 1-5% epidote veining. - Fine to medium grained, dark green.	300.25	301.25	1.00	8982	0.04
316.90	348.50	MASSIVE MAFIC VOLCANIC massive - Locally poorly developed varivols. - Trace pyrite. - 1-5% quartz calcite veining, 1-5% epidote veining. - Medium grained, dark green.					
348.50	388.70	PILLOWED MAFIC VOLCANIC amygdaloidal - Locally amygdules filled with calcite. - Trace pyrite. - 1-5% calcite veining, 1-5% epidote veining. - Fine to medium grained, dark green.  354.3-354.4 Calcite vein, 2% fine disseminated pyrite, upper contact core angle at 45 degrees to core axis, medium grained, grey.  373.9-379.2 Calcite vein, weakly altered, weak hematization, minor pyrite, upper contact core angle at 20 degrees to core axis, medium grained, pink to grey.	385.70 386.70 387.70	386.70 387.70 388.70	1.00 1.00 1.00	8983 8984 8985	0.06 <0.03 0.05
388.70	397.55	PILLOWED MAFIC VOLCANIC pillowed weakly altered - Weak silicification, weak calcite. - 1% fine disseminated pyrite. - 5-15% quartz calcite veining. - Upper contact core angle at 20 degrees to core axis. - Medium grained, black.	388.70 389.70 390.70 391.70 392.70 393.70 394.70 395.70 396.70	389.70 390.70 391.70 392.70 393.70 394.70 395.70 396.70 397.55	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 .85	8986 8987 8988 8989 8990 8991 8992 8993 8994	<0.03 0.18 0.12 0.14 0.11 <0.03 0.10 0.04 0.04
397.55	399.40	PILLOWED MAFIC VOLCANIC pillowed moderately altered - Moderate silicification, moderate calcite. - 3% fine disseminated pyrite, minor chalcopyrite. - 5-15% quartz calcite veining. - Lower contact core angle at 20 degrees to core axis. - Medium grained, white to grey.	397.55 398.40	398.40 399.40	.85 1.00	8995 8996	0.07 0.06
399.40	429.40	PILLOWED MAFIC VOLCANIC pillowed - Minor pyrite. - 1-5% calcite veining. - Fine to medium grained, dark green.  422.25-423.4 Calcite vein, hematite stained, minor pyrite, upper contact core angle at 20 degrees to core axis, medium grained, white to grey.	399.40 400.40 401.40	400.40 401.40 402.40	1.00 1.00 1.00	8997 8998 8999	<0.03 <0.03 <0.03
429.40	448.50	MASSIVE MAFIC VOLCANIC massive - Minor pyrite. - 1-5% calcite veining. - Veining at 20 degrees to core axis. - Medium grained, black to dark green.	447.50	448.50	1.00	9000	0.05
448.50	452.00	MASSIVE MAFIC VOLCANIC massive - Minor pyrite and pyrrhotite, trace sphalerite at 450.5m. - 1-5% quartz calcite veining, veining at 10 degrees	448.50 449.50 450.50 451.20	449.50 450.50 451.20 452.00	1.00 1.00 .70 .80	7101 7102 7103 7104	0.14 0.11 0.05 0.09

BATTLE MOUNTAIN CANADA  
DH DRILL LOG

From	To	Geological Log	FROM (m)	TO (m)	WIDTH (m)	SAMPL NO.	Au (gpt)
		to core axis. - Medium grained, dark green.					
452.00	454.50	MAFIC VARIOLITE variolitic - Trace pyrite. - 1-5% calcite veining. - Medium grained, dark grey.	452.00 453.00	453.00 454.50	1.00 1.50	7105 7106	0.04 0.06
454.50	457.70	MAFIC VARIOLITE variolitic weakly altered - Locally weak albitic alteration. - Minor pyrite. - 1-5% calcite veining. - Medium grained, grey. - Strong magnetism	454.50 455.50 456.50	455.50 456.50 457.70	1.00 1.00 1.20	7107 7108 7109	0.12 <0.03 <0.03
457.70	482.60	MAFIC VARIOLITE variolitic weakly altered - Weak calcite. - Minor pyrite associated with calcite veins. - Medium grained, dark grey. - Strong magnetism  468.5-469.05 MAFIC VARIOLITE, weakly altered, very weak albitic alteration, 2% fine disseminated pyrite, 1-5% calcite veining, medium grained, grey.  474.7-475.0 MAFIC VARIOLITE, weakly altered, weak albitization, 2% fine disseminated pyrite upper contact core angle at 60 degrees to core axis, medium grained, grey.	457.70 467.50 468.50 469.05 470.05 471.05 472.55 472.55 473.70 473.70 474.70 475.00 475.00 476.00 477.00 481.60	458.70 468.50 469.05 470.05 471.05 472.55 473.70 474.70 475.00 476.00 477.00 482.60	1.00 1.00 .55 1.00 1.00 1.50 1.15 1.00 .30 1.00 1.00 1.00 1.00	7110 7111 7112 7113 7114 7115 7116 7117 7118 7119 7120 7121	0.06 <0.03 0.26 <0.03 <0.03 <0.03 0.04 0.08 0.48 0.14 <0.03 0.06
482.60	485.20	MAFIC VARIOLITE variolitic weakly altered - Weak albitization, weak hematization. - 1% fine disseminated pyrite. - Lower contact core angle at 60 degrees to core axis. - Medium grained, grey to pink. - Strong magnetism.	482.60 483.60 484.30	483.60 484.30 485.20	1.00 .70 .90	7122 7123 7124	0.05 0.41 0.08
485.20	511.90	MAFIC VARIOLITE variolitic - Minor pyrite. - 1-5% calcite veining. - Medium grained, dark grey. - Strong magnetism  487.9-488.3 Calcite vein, white, medium grained, upper contact core angle at 30 degrees to core axis, minor pyrite.	485.20 510.90	486.20 511.90	1.00 1.00	7125 7126	<0.03 <0.03
511.90	515.30	MAFIC VARIOLITE variolitic weakly altered - Very weakly albitic and sericitic. - Weakly hematized. - 1% fine disseminated. - 1-5% calcite veining. - Medium grained, pink to grey. - Strong magnetism  514.0-514.1 Calcite vein, sericitic along contacts, medium grained, white to pink, upper contact core angle at 20 degrees to core axis.	511.90 512.90 513.90	512.90 513.90 515.30	1.00 1.00 1.40	7127 7128 7129	<0.03 0.05 0.06
515.30	522.75	MAFIC VARIOLITE variolitic weakly altered - Weak albitization, locally weakly ankeritized. - 2% fine pyrite, locally fine stockwork network. - 1-5% calcite veining. - Medium grained, grey.	515.30 516.30 517.30 518.30 519.30 520.30 521.30 521.30	516.30 517.30 518.30 519.30 520.30 521.30 522.75	1.00 1.00 1.00 1.00 1.00 1.00 1.45	7130 7131 7132 7133 7134 7135 7136	0.36 0.24 0.32 0.17 0.24 0.10 0.16

From	To	Geological Log	FROM (m)	TO (m)	WIDTH (m)	SAMPL NO.	Au (gpt)
522.75	527.35	MAFIC VARIOLITE variolitic - Varioles not well developed. - Minor pyrite. - 1-5% calcite veining. - Medium grained, dark green. - Strong magnetism	522.75 523.75	523.75 524.75	1.00 1.00	7137 7138	0.04 <0.03
527.35	548.80	MASSIVE MAFIC VOLCANIC massive - Locally thin sections have poorly developed varioles. - Trace pyrite. - 1-5% calcite veining. - Medium grained. Dark green. - Strong magnetism.					
548.80	567.80	MAFIC VARIOLITE variolitic - Coarse well developed varioles. - Trace pyrite. - 1-5% calcite veining. - Medium grained, dark green. - Strong magnetism.  552.55-553.25 MASSIVE MAFIC VOLCANIC, massive, trace pyrite, 1-5% calcite veining, light green.					
567.80	576.90	MASSIVE MAFIC VOLCANIC massive - Locally pillowed. - Trace pyrite. - 1-5% calcite veining. - Fine to medium grained, dark green. - Strong magnetism					
576.90	583.10	DIORITE, TRONDHJEMITE massive - 1-5% calcite veining. - Upper contact core angle at 50 degrees to core axis. - Medium grained, dark green.	582.10	583.10	1.00	7139	<0.03
583.10	584.70	MASSIVE MAFIC VOLCANIC massive moderately altered - Moderate albitization, weak ankeritization, weak hematization. - 5% fine disseminated pyrite. - Minor calcite veinlets. - Upper contact core angle at 80 degrees to core axis. - Medium grained, grey. - Strong magnetism	583.10 584.00 584.00	584.00 584.70	.90 .70	7140 7141	0.06 0.13
584.70	593.85	MASSIVE MAFIC VOLCANIC massive - Minor pyrite. - 1-5% calcite veining. - Medium grained, dark green. - Strong magnetism.	584.70 585.70 586.70 592.85	585.70 586.70 587.70 593.85	1.00 1.00 1.00 1.00	7142 7143 7144 7145	<0.03 <0.03 <0.03 <0.03
593.85	595.50	MASSIVE MAFIC VOLCANIC massive weakly altered - Weak ankeritization, weak albitization. - Thin pyritic seam at 595.3 with 20% fine pyrite, overall minor to 1% pyrite. - 1-5% calcite veining. - Medium grained, grey. - Moderate magnetism.	593.85 594.75	594.75 595.50	.90 .75	7146 7147	<0.03 <0.03
595.50	620.60	MASSIVE MAFIC VOLCANIC massive - Occasional thin albitic veinlets with 5% pyrite. - Veinlets at 80 degrees to core axis. - Minor pyrite overall. - 1-5% calcite veining.	595.50 604.50 605.50 606.50 607.50	596.50 605.50 606.50 607.50 608.50	1.00 1.00 1.00 1.00 1.00	7148 7149 7150 7151 7152	<0.03 <0.03 0.05 0.10 0.07







BATTLE MOUNTAIN CANADA  
DH DRILL LOG

From	To	Geological Log	FROM (m)	TO (m)	WIDTH (m)	SAMPL NO.	Au (gpt)
0.00	21.00	OVERBURDEN					
21.00	108.80	<p>SYENITE massive weakly altered</p> <ul style="list-style-type: none"> <li>- Weak sericitization, weak hematization.</li> <li>- Sericite occurs as a network about fractures.</li> <li>- Syenite locally brecciated.</li> <li>- Fine magnetite grains in sericitic sections.</li> <li>- Minor magnetite and locally pyrite.</li> <li>- Medium grained, pink.</li> <li>- Strong magnetism.</li> </ul>	21.00	22.00	1.00	7193	0.91
			22.00	23.00	1.00	7194	0.25
			23.00	24.00	1.00	7195	0.36
			24.00	25.00	1.00	7196	0.26
			25.00	26.00	1.00	7197	0.24
			26.00	27.00	1.00	7198	0.18
			27.00	28.00	1.00	7199	0.26
			28.00	29.00	1.00	7200	0.35
			29.00	30.00	1.00	3901	0.19
			30.00	31.00	1.00	3902	0.19
			31.00	32.00	1.00	3903	0.20
			32.00	33.00	1.00	3904	0.13
			43.00	44.00	1.00	3905	0.08
			44.00	45.00	1.00	3906	0.06
			45.00	46.00	1.00	3907	0.10
			46.00	47.00	1.00	3908	0.12
			47.00	48.00	1.00	3909	0.07
			48.00	49.00	1.00	3910	0.19
			49.00	50.00	1.00	3911	0.12
			58.00	59.00	1.00	3912	0.16
			59.00	60.00	1.00	3913	0.05
			60.00	61.00	1.00	3914	<0.03
			61.00	62.00	1.00	3915	0.05
			62.00	63.00	1.00	3916	<0.03
			63.00	64.00	1.00	3917	0.09
			64.00	65.00	1.00	3918	0.24
			65.00	66.00	1.00	3919	0.07
			66.00	67.00	1.00	3920	0.09
			67.00	68.00	1.00	3921	0.09
			68.00	69.00	1.00	3922	0.07
			69.00	70.00	1.00	3923	0.07
			73.00	74.00	1.00	3924	0.07
			74.00	75.00	1.00	3925	0.06
			75.00	76.00	1.00	3926	<0.03
			76.00	77.00	1.00	3927	<0.03
			77.00	78.00	1.00	3928	0.04
			78.00	79.00	1.00	3929	0.25
			79.00	80.00	1.00	3930	0.07
			95.00	96.00	1.00	3931	<0.03
			96.00	97.00	1.00	3932	<0.03
			97.00	98.00	1.00	3933	<0.03
			98.00	99.00	1.00	3934	<0.03
			99.00	100.00	1.00	3935	<0.03
			100.00	101.00	1.00	3936	0.05
			101.00	102.00	1.00	3937	<0.03
			102.00	103.00	1.00	3938	<0.03
			107.80	108.80	1.00	3939	<0.03
108.80	114.00	<p>MAFIC SYENITE massive weakly altered</p> <ul style="list-style-type: none"> <li>- Locally weak sericitization, weak hematization.</li> <li>- Sericitic sections have fine magnetite grains.</li> <li>- &lt;1% magnetite, trace pyrite.</li> <li>- Medium grained, pink.</li> <li>- Moderate magnetism</li> </ul>	108.80	109.80	1.00	3940	<0.03
			109.80	110.80	1.00	3941	<0.03
			110.80	111.80	1.00	3942	<0.03
			111.80	113.00	1.20	3943	0.04
114.00	119.00	<p>LAMPROPHYRE</p> <ul style="list-style-type: none"> <li>- 1-5% calcite veining.</li> <li>- Lower contact core angle at 70 degrees to core axis.</li> <li>- Medium grained, black.</li> <li>- Weak magnetism.</li> </ul> <p>114.0-116.05 LAMPROPHYRE, 1-5% calcite</p>					

BATTLE MOUNTAIN CANADA  
DH DRILL LOG

From	To	Geological Log	FROM (m)	TO (m)	WIDTH (m)	SAMPL NO.	Au (gpt)
		veining, lower contact core angle at 70 degrees to core axis, medium grained, black, weak magnetism.					
119.00	129.90	SYENITE massive weakly altered - Weak sericitization, weak hematization. - <1% magnetite, minor pyrite. - Medium grained, pink. - Strong magnetism	123.00 124.00 125.00 126.00 127.00	124.00 125.00 126.00 127.00 128.00	1.00 1.00 1.00 1.00 1.00	3944 3945 3946 3947 3948	0.05 <0.03 <0.03 <0.03 <0.03
129.90	132.20	SYENITE massive - Moderate hematization. - Medium to coarse grained, pink. - Weak magnetism.					
132.20	176.55	MAFIC SYENITE massive weakly altered - Weak hematization, locally sericitic sections. - Trace pyrite. - Medium grained, pink to grey. - Moderate magnetism.	151.00 152.00 153.00 154.00 155.00 175.50	152.00 153.00 154.00 155.00 156.00 176.55	1.00 1.00 1.00 1.00 1.00 1.05	3949 3950 3951 3952 3953 3954	<0.03 <0.03 <0.03 0.04 <0.03 <0.03
		169.0-171.0 SYENITE, moderate hematization, trace pyrite, medium to coarse grained, red.					
176.55	179.05	SYENITE massive - Moderate hematization. - Trace pyrite. - 1-5% calcite veining. - Medium to coarse grained, red. - Strong magnetism.	176.55 177.55 178.55	177.55 178.55 179.05	1.00 1.00 .50	3955 3956 3957	<0.03 <0.03 0.05
179.05	192.60	MAFIC SYENITE massive - Trace pyrite. - 1-5% calcite veining, 1-5% epidote veining. - Medium grained, dark grey. - Strong magnetism.	179.05 180.05 181.05 182.05 183.05 184.40	180.05 181.05 182.05 183.05 184.40 184.90	1.00 1.00 1.00 1.00 1.35 .50	3958 3959 3960 3961 3962 3963	<0.03 0.05 0.06 <0.03 <0.03 0.04
		184.4-184.7 SYENITE, moderate hematization, 1% fine disseminated pyrite, 1-5% calcite veining, upper contact core angle at 70 degrees to core axis, medium grained, red.	184.90 185.75	185.75 186.75	.85 1.00	3964 3965	<0.03 0.08
		184.9-185.75 SYENITE, weak hematization, 1% fine disseminated pyrite, 1-5% calcite veining, medium grained, pink to grey.					
192.60	208.40	DIABASE - Upper contact core angle at 70 degrees to core axis. - Fine to medium grained, black. - Strong magnetism.					
		195.0-196.6 MAFIC SYENITE, weak epidotization, weak hematization, 1-5% calcite veining.					
208.40	220.90	SYENITE massive - Weak hematization. - Locally trace pyrite. - 1-5% calcite veining. - Medium grained, red. - Strong magnetism					
		209.7-211.8 MAFIC SYENITE, weak epidotization, strong magnetism, 1-5% epidote veining, medium grained, dark green.					
		214.15-215.9 MAFIC SYENITE, weak leucoxene, minor pyrite, medium grained, dark green, strong magnetism.					

BATTLE MOUNTAIN CANADA  
DH DRILL LOG

From	To	Geological Log	FROM (m)	TO (m)	WIDTH (m)	SAMPL NO.	Au (gpt)	
220.90	251.00	MAFIC SYENITE massive	224.00	225.00	1.00	3966	<0.03	
		- Weak leucoxene common.	225.00	226.00	1.00	3967	<0.03	
		- Minor pyrite.	226.00	227.00	1.00	3968	<0.03	
		- Medium grained, dark green.	227.00	227.55	.55	3969	<0.03	
		- Locally starts to look like mafic volcanic that has been granitized.	227.55	228.55	1.00	3970	<0.03	
		- Medium grained, dark green.	235.50	236.50	1.00	3971	<0.03	
		- Strong magnetism.	236.50	237.50	1.00	3972	<0.03	
			237.50	238.20	.70	3973	<0.03	
			238.20	238.70	.50	3974	<0.03	
		227.0-227.55 SYENITE, weak hematization, trace pyrite, medium grained, pink.	238.70	239.70	1.00	3975	<0.03	
			239.70	240.60	.90	3976	<0.03	
			240.60	241.60	1.00	3977	<0.03	
		230.3-231.7 SYENITE, weak hematization, trace pyrite, 1-5% calcite veining, medium grained, pink.						
		234.7-235.5 SYENITE, weak hematization, trace pyrite, lower contact core angle at 50 degrees to core axis, medium grained, pink.						
		236.5-236.8 MONZONITE, 2% fine disseminated pyrite, medium grained, dark grey.						
		238.2-238.7 MONZONITE, 2% fine disseminated pyrite, medium grained, dark grey.						
		238.7-240.6 SYENITE, weak hematization, minor calcite vein, medium grained, pink.						
243.9-246.5 SYENITE, weak hematization, trace pyrite, 1-5% calcite veining, medium grained, pink.								

\*\*\* END OF HOLE \*\*\* 251.00

HOLE NO: PL98-12	SECTION: 10100	GRID: PERRY LAKE
------------------	----------------	------------------

PROJECT CODE : 514060  
 TENEMENT : 794996  
 PROSPECT : PERRY LAKE  
 GRID : PERRY LAKE  
 MAP REFERENCE: 42A9  
 LOCATION :  
 HOLE TYPE : DH

\*\*\* DRILLING SUMMARY \*\*\*

DH	0.00	113.00	NQ
Drill contractor:	Norex		
Drill rig:			
Date started:	30/10/98		
Date finished:	31/10/98		
Logged by:	R. Kusins		
Relogged by:			
Sampled by:			

\*\*\* COLLAR COORDINATES AND RL \*\*\*

NOMINAL	10300.00 mN	10100.00 mE	0.00 RL
---------	-------------	-------------	---------

Pre-collar depth:                      Final depth:                      113.00  
 Purpose of hole:                      Test mag and IP  
 Hole status:                              NQ  
 Comments:                                Core Stored at Holloway Mine

Material left in hole:                      Casing Pulled  
 Base of complete oxidation  
 Top of fresh rock:                        6.0  
 Water first encountered:  
 Water inflow estimate:

\*\*\* SIGNIFICANT ASSAYS \*\*\*

From	To	Width	AU_G

\*\*\* SURVEY DATA \*\*\*

Survey Method: Acid tests

Depth	Azimuth	Inclination
0.00	180.00	-45.00

\*\*\* SUMMARY LOG \*\*\*

0.00	6.00	OVERBURDEN
6.00	29.80	SYENITE MASSIVE
29.80	39.70	SYENITE MASSIVE
39.70	43.80	SYENITE MASSIVE
43.80	55.30	SYENITE MASSIVE
55.30	60.10	SYENITE MASSIVE
60.10	61.10	LAMPROPHYRE MASSIVE
61.10	104.00	SYENITE MASSIVE
104.00	108.90	SYENITE MASSIVE WEAKLY ALTERED
108.90	113.00	SYENITE MASSIVE
113.00		END OF HOLE

Checked and signed:	Date: <u>Nov 1/98</u>
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BATTLE MOUNTAIN CANADA  
DH DRILL LOG

From	To	Geological Log	FROM (m)	TO (m)	WIDTH (m)	SAMPL NO.	Au (gpt)
0.00	6.00	OVERBURDEN					
6.00	29.80	SYENITE massive - Weak hematization. - Trace pyrite and magnetite. - Medium to coarse grained, pink. - Weak magnetism.					
29.80	39.70	SYENITE massive - Moderate hematization. - Trace pyrite and magnetite. - Medium to coarse grained, pink. - Moderate magnetism.					
39.70	43.80	SYENITE massive - Moderate hematization. - Minor pyrite and magnetite. - Locally thin seams of graphite. - Medium to coarse grained, pink. - Moderate magnetism.	39.70 40.70 41.70 42.70	40.70 41.70 42.70 43.80	1.00 1.00 1.00 1.10	3978 3979 3980 3981	0.12 0.05 0.04 0.05
43.80	55.30	SYENITE massive - Weak hematization. - Trace pyrite and magnetite. - Medium to coarse grained, pink. - Moderate magnetism.  47.25-48.5 SYENITE, massive, strong hematization, strong magnetism, 1-5% calcite veining, fine to medium grained, red.					
55.30	60.10	SYENITE massive - Strong hematization. - Trace pyrite. - Fine to medium grained, red.					
60.10	61.10	LAMPROPHYRE massive - Upper contact core angle at 70 degrees to core axis. - Fine to medium grained, dark grey. - Strong magnetism.					
61.10	104.00	SYENITE massive - Weak hematization. - Medium grained, pink. - Strong magnetism.	103.00	104.00	1.00	3982	0.07
104.00	108.90	SYENITE massive weakly altered - Locally minor sericitic bands, weak hematization. - Minor pyrite. - Medium grained, pink.	104.00 105.00 106.00 107.00 108.00	105.00 106.00 107.00 108.00 108.90	1.00 1.00 1.00 1.00 .90	3983 3984 3985 3986 3987	0.12 0.11 0.12 0.04 0.05
108.90	113.00	SYENITE massive - Weak hematization. - Medium grained, pink. - Strong magnetism.	108.90	109.90	1.00	3988	0.07

\*\*\* END OF HOLE \*\*\* 113.00

**APPENDIX III**  
**ASSAY CERTIFICATES**



Intertek Testing Services  
Chimitec  
Bondar Clegg

Certificat D'Analyse  
Assay Lab Report

CLIENT: BATTLE MOUNTAIN CANADA LTD.  
REPORT: T98-57548.0 ( COMPLETE )

DATE RECEIVED: 28-AUG-98

PROJECT: 514060

DATE PRINTED: 1-SEP-98 PAGE 1 DE 3

SAMPLE NUMBER	ELEMENT UNITS	Au G/T	SAMPLE NUMBER	ELEMENT UNITS	Au G/T
8501	<0.03		8541		0.07
8502	<0.03		8542		0.06
8503	<0.03		8543		0.04
8504	<0.03		8544		0.06
8505	<0.03		8545		0.07
8506	<0.03		8546		0.06
8507	<0.03		8547		0.05
8508	0.92		8548		0.08
8509	0.04		8549		0.16
8510	<0.03		8550		0.15
8511	0.12		8551		0.37
8512	0.04		8552		0.80
8513	<0.03		8553		0.19
8514	<0.03		8554		0.11
8515	<0.03		8555		0.09
8516	0.24		8556		0.10
8517	<0.03		8557		0.05
8518	<0.03		8558		0.21
8519	<0.03		8559		<0.03
8520	<0.03		8560		<0.03
8521	0.10		8561		0.05
8522	<0.03		8562		<0.03
8523	<0.03		8563		<0.03
8524	0.08		8564		0.05
8525	0.05		8565		0.04
8526	0.04		8566		0.18
8527	<0.03		8567		0.15
8528	<0.03				
8529	<0.03				
8530	<0.03				
8531	<0.03				
8532	<0.03				
8533	<0.03				
8534	0.07				
8535	0.06				
8536	0.04				
8537	0.13				
8538	0.13				
8539	<0.03				
8540	0.04				





**Intertek Testing Services**  
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Bondar Clegg

**Certificat D'Analyse**  
**Assay Lab Report**

CLIENT: BATTLE MOUNTAIN CANADA LTD.  
REPORT: T98-57548.0 ( COMPLETE )

DATE RECEIVED: 28-AUG-98

PROJECT: 514060

DATE PRINTED: 1-SEP-98

PAGE 3 DE 3

SAMPLE NUMBER	ELEMENT UNITS	AU G/T	SAMPLE NUMBER	ELEMENT UNITS	AU G/T
8506		<0.03			
Duplicate		0.06			
8518		<0.03			
Duplicate		0.05			
8525		0.05			
Prep Duplicate		0.07			
8529		<0.03			
Duplicate		<0.03			
8540		0.04			
Duplicate		0.07			
8551		0.37			
Duplicate		0.34			
8563		<0.03			
Duplicate		0.06			





**Intertek Testing Services**  
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Bondar Clegg

**Certificat D'Analyse**  
**Assay Lab Report**

CLIENT: BATTLE MOUNTAIN CANADA LTD.  
REPORT: T98-57554.0 ( COMPLETE )

DATE RECEIVED: 31-AUG-98

PROJECT: 514060

DATE PRINTED: 9-SEP-98 PAGE 1 DE 3

SAMPLE NUMBER	ELEMENT UNITS	Au G/T	AuRev PPM	Au re] G/T
8568		<0.03		
8569		3.97	1.90s	1.19
8570		<0.03		
8571		0.19		
8572		0.75		

8573		0.45		
8574		0.69		
8575		0.07		
8576		0.10		
8577		0.05		

8578		0.05		
8579		<0.03		
8580		0.15		



Intertek Testing Services  
Chimitec  
Bondar Clegg

Certificat D'Analyse  
Assay Lab Report

CLIENT: BATTLE MOUNTAIN CANADA LTD.  
REPORT: T98-57563.0 ( COMPLETE )

DATE RECEIVED: 03-SEP-98

PROJECT: 514060

DATE PRINTED: 10-SEP-98

PAGE 1 DE 3

SAMPLE NUMBER	ELEMENT UNITS	Au G/T	Au rej G/T
8581		<0.03	
8582		<0.03	
8583		0.60	
8584		0.14	
8585		<0.03	
8586		<0.03	
8587		<0.03	
8588		<0.03	
8589		<0.03	
8637		<0.03	
8638		0.86	
8639		0.10	
8640		0.06	
8641		0.29	
8642		0.85	
8643		3.19	2.89
8644		0.24	
8645		3.02	4.50
8646		0.77	
8647		1.03	
8648		0.65	
8649		1.14	
8650		0.62	
8651		0.58	
8652		1.48	
8653		0.27	
8654		0.39	
8655		0.17	
8656		0.15	
8657		0.08	
8658		0.08	
8659		0.04	
8660		<0.03	
8661		0.04	
8662		0.06	
8663		0.39	
8664		0.16	
8665		0.13	
8666		0.19	



# Intertek Testing Services Chimitec Bondar Clegg

## Certificat D'Analyse Assay Lab Report

CLIENT: BATTLE MOUNTAIN CANADA LTD.  
REPORT: 198-57563.0 ( COMPLETE )

DATE RECEIVED: 03-SEP-98

PROJECT: 514060

DATE PRINTED: 10-SEP-98

PAGE 3 DE 3

SAMPLE NUMBER	ELEMENT UNITS	Au G/T	Au rej G/T
8585		<0.03	
Duplicate		<0.03	
8645		3.02	4.50
Duplicate		3.03	
8655		0.17	
Duplicate		0.25	



**Intertek Testing Services**  
Chimitec  
Bondar Clegg

**Certificat D'Analyse**  
**Assay Lab Report**

CLIENT: BATTLE MOUNTAIN CANADA LTD.  
REPORT: T98-57570.0 ( COMPLETE )

DATE RECEIVED: 04-SEP-98

PROJECT: 514060

DATE PRINTED: 10-SEP-98

PAGE 1 DE 3

SAMPLE NUMBER	ELEMENT UNITS	Au G/T	SAMPLE NUMBER	ELEMENT UNITS	Au G/T
8590		<0.03	8630		0.08
8591		0.26	8631		<0.03
8592		0.31	8632		0.13
8593		0.23	8633		<0.03
8594		0.10	8634		<0.03
8595		0.06	8635		<0.03
8596		<0.03	8636		<0.03
8597		0.05	8667		0.36
8598		0.09	8668		0.21
8599		0.43	8669		<0.03
8600		<0.03	8670		0.13
8601		0.23	8671		0.11
8602		0.05	8672		0.10
8603		<0.03	8673		0.08
8604		<0.03	8674		0.26
8605		<0.03	8675		0.07
8606		0.13	8676		0.05
8607		<0.03	8677		<0.03
8608		<0.03	8678		<0.03
8609		<0.03	8679		<0.03
8610		0.08	8680		<0.03
8611		<0.03	8681		<0.03
8612		<0.03	8682		0.04
8613		<0.03	8683		0.13
8614		<0.03	8684		1.98
8615		<0.03	8685		0.10
8616		0.28	8686		0.04
8617		0.04	8687		<0.03
8618		<0.03	8688		0.08
8619		<0.03	8689		<0.03
8620		0.08	8690		<0.03
8621		<0.03	8691		<0.03
8622		0.23			
8623		0.69			
8624		0.15			
8625		1.81			
8626		0.12			
8627		0.07			
8628		0.11			
8629		<0.03			



# Intertek Testing Services Chimitec Bondar Clegg

## Certificat D'Analyse Assay Lab Report

CLIENT: BATTLE MOUNTAIN CANADA LTD.  
REPORT: T98-57570.0 ( COMPLETE )

DATE RECEIVED: 04-SEP-98

PROJECT: 514060

DATE PRINTED: 10-SEP-98

PAGE 3 DE 3

SAMPLE NUMBER	ELEMENT UNITS	Au G/T
8594		0.10
Duplicate		0.13
8605		<0.03
Prep Duplicate		<0.03
8607		<0.03
Duplicate		<0.03
8617		0.04
Duplicate		<0.03
8629		<0.03
Duplicate		<0.03
8669		<0.03
Duplicate		<0.03
8682		0.04
Duplicate		0.05

SAMPLE NUMBER	ELEMENT UNITS	Au G/T
8594		0.10
Duplicate		0.13
8605		<0.03
Prep Duplicate		<0.03
8607		<0.03
Duplicate		<0.03
8617		0.04
Duplicate		<0.03
8629		<0.03
Duplicate		<0.03
8669		<0.03
Duplicate		<0.03
8682		0.04
Duplicate		0.05



# Intertek Testing Services

Chimitec Bondar Clegg

## Certificat D'Analyse Assay Lab Report

CLIENT: BATTLE MOUNTAIN CANADA LTD.  
REPORT: T98-57576.0 ( COMPLETE )

DATE RECEIVED: 11-SEP-98

PROJECT: 514060

DATE PRINTED: 15-SEP-98

PAGE 1 DE 3

SAMPLE NUMBER	ELEMENT UNITS	Au G/T	SAMPLE NUMBER	ELEMENT UNITS	Au G/T
8692		0.08	8732		<0.03
8693		0.71	8733		<0.03
8694		<0.03	8734		<0.03
8695		0.21	8735		<0.03
8696		2.13	8736		0.07
8697		0.27	8737		<0.03
8698		0.23			
8699		<0.03			
8700		<0.03			
8701		0.07			
8702		<0.03			
8703		<0.03			
8704		<0.03			
8705		0.05			
8706		0.04			
8707		0.10			
8708		<0.03			
8709		<0.03			
8710		0.09			
8711		<0.03			
8712		0.06			
8713		0.06			
8714		<0.03			
8715		<0.03			
8716		<0.03			
8717		<0.03			
8718		0.04			
8719		0.10			
8720		0.04			
8721		0.08			
8722		0.40			
8723		0.16			
8724		0.26			
8725		0.26			
8726		0.37			
8727		0.72			
8728		0.51			
8729		0.04			
8730		<0.03			
8731		<0.03			

Perry Lake







**Intertek Testing Services**  
Chimitec  
Bondar Clegg

**Certificat D'Analyse**  
**Assay Lab Report**

CLIENT: BATTLE MOUNTAIN CANADA LTD.  
REPORT: T98-57588.0 ( COMPLETE )

DATE RECEIVED: 16-SEP-98

PROJECT: 514060

DATE PRINTED: 18-SEP-98

PAGE 1 DE 3

SAMPLE NUMBER	ELEMENT UNITS	Au G/T	SAMPLE NUMBER	ELEMENT UNITS	Au G/T
8738		<0.03	8778		0.09
8739		0.07	8779		0.07
8740		0.05	8780		0.07
8741		0.05	8781		0.05
8742		<0.03	8782		0.07
8743		<0.03	8783		0.06
8744		0.04	8784		0.06
8745		0.08	8785		0.05
8746		<0.03	8786		0.06
8747		<0.03	8787		0.09
8748		<0.03	8788		0.06
8749		0.18	8789		0.06
8750		<0.03	8804		0.17
8751		<0.03	8805		0.08
8752		0.04	8806		<0.03
8753		0.11	8807		0.08
8754		<0.03	8808		0.04
8755		0.07	8809		0.33
8756		0.06	8810		0.52
8757		<0.03	8811		<0.03
8758		<0.03	8812		0.17
8759		0.09	8813		2.37
8760		<0.03	8814		0.70
8761		<0.03	8815		2.75
8762		0.05	8816		0.79
8763		0.21	8817		<0.03
8764		0.36	8818		<0.03
8765		0.37			
8766		0.04			
8767		0.06			
8768		0.04			
8769		0.05			
8770		0.10			
8771		0.09			
8772		0.07			
8773		0.09			
8774		0.14			
8775		0.14			
8776		0.09			
8777		0.11			

ITS - Chimitec - Bondar Clegg

1322-B rue Harricana, Val d'Or, Québec, J9P 3X6

Tél: (819) 825-0178, Fax: (819) 825-0256



**Intertek Testing Services**  
Chimitec  
Bondar Clegg

**Certificat D'Analyse**  
**Assay Lab Report**

CLIENT: BATTLE MOUNTAIN CANADA LTD.  
REPORT: T98-57588.0 ( COMPLETE )

DATE RECEIVED: 16-SEP-98

PROJECT: 514060

DATE PRINTED: 18-SEP-98

PAGE 3 DE 3

SAMPLE NUMBER	ELEMENT UNITS	Au G/T	SAMPLE NUMBER	ELEMENT UNITS	Au G/T
8743		<0.03			
Duplicate		0.07			
8750		<0.03			
Prep Duplicate		<0.03			
8755		0.07			
Duplicate		<0.03			
8766		0.04			
Duplicate		<0.03			
8777		0.11			
Duplicate		0.09			
8788		0.06			
Duplicate		0.05			
8814		0.70			
Duplicate		0.76			



Intertek Testing Services  
Chimitec Bondar Clegg

Certificat D'Analyse  
Assay Lab Report

CLIENT: BATTLE MOUNTAIN CANADA LTD.  
REPORT: T98-57594.0 ( COMPLETE )

DATE RECEIVED: 18-SEP-98

PROJECT: 514060

DATE PRINTED: 22-SEP-98

PAGE 1 DE 3

SAMPLE NUMBER	ELEMENT UNITS	Au G/T
8790		0.07
8791		0.05
8792		0.07
8793		0.04
8794		0.08
8795		<0.03
8796		0.12
8797		0.38
8798		<0.03
8799		0.05
8800		0.35
8801		0.38
8802		0.04
8803		<0.03



# Intertek Testing Services

Chimitec Bondar Clegg

## Certificat D'Analyse Assay Lab Report

CLIENT: BATTLE MOUNTAIN CANADA LTD.  
REPORT: T98-57594.0 ( COMPLETE )

DATE RECEIVED: 18-SEP-98

PROJECT: 514060

DATE PRINTED: 22-SEP-98

PAGE 3 DE 3

SAMPLE NUMBER	ELEMENT UNITS	AU G/T
8794		0.08
Duplicate		0.08



Intertek Testing Services  
Chimitec Bondar Clegg

Certificat D'Analyse  
Assay Lab Report

CLIENT: BATTLE MOUNTAIN CANADA LTD.  
REPORT: T98-57611.0 ( COMPLETE )

DATE RECEIVED: 26-SEP-98

PROJECT: 514060

DATE PRINTED: 29-SEP-98

PAGE 1 DE 4

SAMPLE NUMBER	ELEMENT UNITS	AU G/T	SAMPLE NUMBER	ELEMENT UNITS	AU G/T
8819		<0.03	8859		0.04
8820		0.33	8860		<0.03
8821		0.11	8861		0.04
8822		<0.03	8862		<0.03
8823		<0.03	8863		<0.03
8824		<0.03	8864		<0.03
8825		0.05	8865		0.17
8826		<0.03	8866		0.09
8827		<0.03	8867		0.07
8828		0.41	8868		<0.03
8829		0.26	8869		<0.03
8830		0.04	8870		<0.03
8831		<0.03	8871		<0.03
8832		<0.03	8872		<0.03
8833		<0.03	8873		0.14
8834		<0.03	8874		0.04
8835		0.32	8875		<0.03
8836		0.05	8876		<0.03
8837		<0.03	8877		0.05
8838		<0.03	8878		<0.03
8839		0.42	8879		<0.03
8840		0.04	8880		<0.03
8841		<0.03	8881		0.23
8842		0.08	8882		0.28
8843		<0.03	8883		0.04
8844		0.04	8884		<0.03
8845		0.53	8885		<0.03
8846		<0.03	8886		<0.03
8847		<0.03	8887		<0.03
8848		<0.03	8888		<0.03
8849		0.25	8889		<0.03
8850		<0.03	8890		<0.03
8851		0.04	8891		0.11
8852		<0.03	8892		<0.03
8853		<0.03	8893		<0.03
8854		<0.03	8894		0.07
8855		<0.03	8895		0.07
8856		<0.03	8896		0.04
8857		0.05	8897		0.21
8858		<0.03	8898		<0.03

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**Intertek Testing Services**  
Chimitec Bondar Clegg

**Certificat D'Analyse**  
Assay Lab Report

CLIENT: BATTLE MOUNTAIN CANADA LTD.  
REPORT: T98-57611.0 ( COMPLETE )

DATE RECEIVED: 26-SEP-98

PROJECT: 514060

DATE PRINTED: 29-SEP-98

PAGE 2 DE 4

SAMPLE NUMBER	ELEMENT UNITS	AU G/T	SAMPLE NUMBER	ELEMENT UNITS	AU G/T
8899		<0.03			
8900		<0.03			
8901		<0.03			
8902		0.05			
8903		0.04			
8904		0.09			
8905		0.05			
8906		<0.03			
8907		<0.03			
8908		<0.03			
8909		<0.03			
8910		<0.03			
8911		<0.03			
8912		<0.03			
8913		<0.03			
8914		<0.03			
8915		0.09			
8916		0.04			
8917		0.04			
8918		0.05			
8919		0.10			
8920		0.05			
8921		<0.03			
8922		<0.03			
8923		0.08			
8924		0.06			
8925		0.09			
8926		0.10			
8927		<0.03			



# Intertek Testing Services

## Chimitec Bondar Clegg

# Certificat D'Analyse

## Assay Lab Report

CLIENT: BATTLE MOUNTAIN CANADA LTD.  
REPORT: T98-57615.0 ( COMPLETE )

DATE RECEIVED: 01-OCT-98

PROJECT: 514060

DATE PRINTED: 6-OCT-98

PAGE 1 DE 4

SAMPLE NUMBER	ELEMENT UNITS	Au G/T	SAMPLE NUMBER	ELEMENT UNITS	Au G/T
7101		0.14	8930		<0.03
7102		0.11	8931		0.05
7103		0.05	8932		0.24
7104		0.09	8933		0.05
7105		0.04	8934		0.15
7106		0.06	8935		0.16
7107		0.12	8936		0.26
7108		<0.03	8937		<0.03
7109		<0.03	8938		<0.03
7110		0.07	8939		<0.03
7111		<0.03	8940		<0.03
7112		0.26	8941		<0.03
7113		<0.03	8942		<0.03
7114		<0.03	8943		<0.03
7115		<0.03	8944		<0.03
7116		0.04	8945		<0.03
7117		0.08	8946		0.04
7118		0.48	8947		0.04
7119		0.14	8948		<0.03
7120		<0.03	8949		<0.03
7121		0.06	8950		0.11
7122		0.05	8951		0.14
7123		0.41	8952		<0.03
7124		0.08	8953		<0.03
7125		<0.03	8954		<0.03
7126		<0.03	8955		<0.03
7127		<0.03	8956		<0.03
7128		0.05	8957		<0.03
7129		0.05	8958		<0.03
7130		0.36	8959		<0.03
7131		0.24	8960		<0.03
7132		0.32	8961		1.10
7133		0.17	8962		<0.03
7134		0.24	8963		<0.03
7135		0.10	8964		<0.03
7136		0.16	8965		<0.03
7137		0.04	8966		<0.03
7138		<0.03	8967		<0.03
8928		<0.03	8968		<0.03
8929		<0.03	8969		<0.03

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**Intertek Testing Services**  
Chimitec  
Bondar Clegg

**Certificat D'Analyse**  
Assay Lab Report

CLIENT: BATTLE MOUNTAIN CANADA LTD.  
REPORT: T98-57615.0 ( COMPLETE )

DATE RECEIVED: 01-OCT-98

PROJECT: 514060

DATE PRINTED: 6-OCT-98 PAGE 2 DE 4

SAMPLE NUMBER	ELEMENT UNITS	AU G/T	SAMPLE NUMBER	ELEMENT UNITS	AU G/T
8970		0.62			
8971		<0.03			
8972		0.06			
8973		<0.03			
8974		<0.03			
8975		0.48			
8976		0.30			
8977		0.45			
8978		0.09			
8979		0.10			
8980		0.20			
8981		0.16			
8982		0.04			
8983		0.06			
8984		<0.03			
8985		<0.03			
8986		<0.03			
8987		0.18			
8988		0.12			
8989		0.14			
8990		0.11			
8991		<0.03			
8992		0.10			
8993		0.04			
8994		0.04			
8995		0.07			
8996		0.06			
8997		<0.03			
8998		<0.03			
8999		<0.03			
9000		0.05			



**Intertek Testing Services**  
**Chimitec**  
**Bondar Clegg**

**Certificat D'Analyse**  
**Assay Lab Report**

CLIENT: BATTLE MOUNTAIN CANADA LTD. PROJECT: 514060  
 REPORT: T98-57615.0 ( COMPLETE ) DATE RECEIVED: 01-OCT-98 DATE PRINTED: 6-OCT-98 PAGE 4 DE 4

SAMPLE NUMBER	ELEMENT UNITS	AU G/T	SAMPLE NUMBER	ELEMENT UNITS	AU G/T
7106		0.06			
Duplicate		0.06			
7110		0.07			
Prep Duplicate		0.06			
7118		0.48			
Duplicate		0.59			
7129		0.05			
Duplicate		0.06			
8929		<0.03			
Duplicate		<0.03			
8935		0.16			
Prep Duplicate		0.16			
8940		<0.03			
Duplicate		<0.03			
8952		<0.03			
Duplicate		<0.03			
8963		<0.03			
Duplicate		<0.03			
8974		<0.03			
Duplicate		0.13			
8985		<0.03			
Duplicate		0.07			
8997		<0.03			
Duplicate		0.03			



# Intertek Testing Services Chimitec Bondar Clegg

## Certificat D'Analyse Assay Lab Report

CLIENT: BATTLE MOUNTAIN CANADA LTD.  
REPORT: T98-57617.0 ( COMPLETE )

DATE RECEIVED: 03-OCT-98

PROJECT: 514060

DATE PRINTED: 5-OCT-98

PAGE 1 DE 1

SAMPLE NUMBER	ELEMENT UNITS	Au G/T
7139		<0.03
7140		0.06
7141		0.13
7142		<0.03
7143		<0.03



# Intertek Testing Services

## Chimitec

### Bondar Clegg

# Certificat D'Analyse

## Assay Lab Report

CLIENT: BATTLE MOUNTAIN CANADA LTD.  
REPORT: T98-57621.0 ( COMPLETE )

DATE RECEIVED: 06-OCT-98

PROJECT: 514060

DATE PRINTED: 8-OCT-98

PAGE 1 DE 3

SAMPLE NUMBER	ELEMENT UNITS	AU G/T	SAMPLE NUMBER	ELEMENT UNITS	AU G/T
7144		<0.03	7184		0.22
7145		<0.03	7185		<0.03
7146		<0.03	7186		<0.03
7147		<0.03	7187		<0.03
7148		<0.03	7188		<0.03
7149		<0.03	7189		<0.03
7150		0.05	7190		0.04
7151		0.10	7191		0.09
7152		0.07	7192		0.12
7153		<0.03			
7154		<0.03			
7155		<0.03			
7156		<0.03			
7157		<0.03			
7158		<0.03			
7159		<0.03			
7160		0.10			
7161		0.05			
7162		0.11			
7163		<0.03			
7164		0.04			
7165		0.17			
7166		0.06			
7167		<0.03			
7168		<0.03			
7169		<0.03			
7170		<0.03			
7171		<0.03			
7172		<0.03			
7173		0.05			
7174		0.04			
7175		<0.03			
7176		0.12			
7177		0.06			
7178		0.04			
7179		<0.03			
7180		<0.03			
7181		<0.03			
7182		0.04			
7183		0.07			





Intertek Testing Services  
Chimitec Bondar Clegg

Certificat D'Analyse  
Assay Lab Report

CLIENT: BATTLE MOUNTAIN CANADA LTD.  
REPORT: T98-57653.0 ( COMPLETE )

DATE RECEIVED: 02-NOV-98

PROJECT: 514060

DATE PRINTED: 12-NOV-98

PAGE 1 DE 3

SAMPLE NUMBER	ELEMENT UNITS	Au PPM	SAMPLE NUMBER	ELEMENT UNITS	Au PPM
3901		0.19	3941		<0.03
3902		0.19	3942		<0.03
3903		0.20	3943		0.04
3904		0.13	3944		0.05
3905		0.08	3945		<0.03
3906		0.06	3946		<0.03
3907		0.10	3947		<0.03
3908		0.12	3948		<0.03
3909		0.07	3949		<0.03
3910		0.19	3950		<0.03
3911		0.12	3951		<0.03
3912		0.16	3952		0.04
3913		0.05	3953		<0.03
3914		<0.03	3954		<0.03
3915		0.05	3955		<0.03
3916		<0.03	3956		<0.03
3917		0.09	3957		0.05
3918		0.29	3958		<0.03
3919		0.07	3959		0.05
3920		0.09	3960		0.06
3921		0.09	3961		<0.03
3922		0.07	3962		<0.03
3923		0.07	3963		0.05
3924		0.07	3964		<0.03
3925		0.06	3965		0.08
3926		<0.03	3966		<0.03
3927		<0.03	3967		<0.03
3928		0.04	3968		<0.03
3929		0.25	7193		0.91
3930		0.07	7194		0.25
3931		<0.03	7195		0.36
3932		<0.03	7196		0.26
3933		<0.03	7197		0.24
3934		<0.03	7198		0.19
3935		<0.03	7199		0.26
3936		0.05	7200		0.35
3937		<0.03			
3938		<0.03			
3939		<0.03			
3940		<0.03			

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Tel: (819) 825-0178, Fax: (819) 825-0256



# ITS Intertek Testing Services

## Chimitec

CLIENT: BATTLE MOUNTAIN CANADA LTD.  
 REPORT: T98-57653.0 ( COMPLETE )

PROJECT: 514060  
 DATE RECEIVED: 02-NOV-98  
 DATE PRINTED: 5-NOV-98

PAGE 1 DE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPM	SAMPLE NUMBER	ELEMENT UNITS	Au PPM
3901		0.19	3941		<0.03
3902		0.19	3942		<0.03
3903		0.20	3943		0.04
3904		0.13	3944		0.05
3905		0.08	3945		<0.03
3906		0.06	3946		<0.03
3907		0.10	3947		<0.03
3908		0.12	3948		<0.03
3909		0.07	3949		<0.03
3910		0.19	3950		<0.03
3911		0.12	3951		<0.03
3912		0.16	3952		0.04
3913		0.05	3953		<0.03
3914		<0.03	3954		<0.03
3915		0.05	3955		<0.03
3916		<0.03	3956		<0.03
3917		0.09	3957		0.05
3918		0.29	3958		<0.03
3919		0.07	3959		0.05
3920		0.09	3960		0.06
3921		0.09	3961		<0.03
3922		0.07	3962		<0.03
3923		0.07	3963		0.05
3924		0.07	3964		<0.03
3925		0.06	3965		0.08
3926		<0.03	3966		<0.03
3927		<0.03	3967		<0.03
3928		0.04	3968		<0.03
3929		0.25	7193		0.91
3930		0.07	7194		0.25
3931		<0.03	7195		0.36
3932		<0.03	7196		0.26
3933		<0.03	7197		0.24
3934		<0.03	7198		0.19
3935		<0.03	7199		0.26
3936		0.05	7200		0.35
3937		<0.03			
3938		<0.03			
3939		<0.03			
3940		<0.03			





# Intertek Testing Services

## Chimitec

CLIENT: BATTLE MOUNTAIN CANADA LTD.  
 REPORT: T98-57668.0 ( COMPLETE )

DATE RECEIVED: 07-NOV-98

PROJECT: 514060

DATE PRINTED: 10-NOV-98

PAGE 1 DE 1

SAMPLE NUMBER	ELEMENT UNITS	Au G/T
3969		<0.03
3970		<0.03
3971		<0.03
3972		<0.03
3973		<0.03
3974		<0.03
3975		<0.03
3976		<0.03
3977		<0.03
3978		0.12
3979		0.05
3980		0.04
3981		0.05
3982		0.07
3983		0.12
3984		0.11
3985		0.12
3986		0.04
3987		0.05
3988		0.07





# Intertek Testing Services Chimitec Bondar Clegg

## Certificat D'Analyse Assay Lab Report

CLIENT: BATTLE MOUNTAIN CANADA LTD.  
REPORT: T98-57668.0 ( COMPLETE )

DATE RECEIVED: 07-NOV-98

PROJECT: 514060

DATE PRINTED: 12-NOV-98

PAGE 3 DE 3

SAMPLE NUMBER	ELEMENT UNITS	Au G/T
3974		<0.03
Duplicate		<0.03
3986		0.04
Duplicate		0.04



Declaration of Assessment Work Performed on Mining Land

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

Transaction Number (office use) W0080.00440 Assessment Files Research Imaging



42A09SE2031 2.20722 MICHAUD 900

ubsection 65(2) and 66(3) of the Mining Act. Under section 8 of the Mining Act, assessment work and correspond with the mining landholder. Questions about this then Development and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury.

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

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

Table with columns for Name, Address, Client Number, Telephone Number, Fax Number. Includes HOMESTAKE CANADA INC. and VANCOUVER, BC V6E 3P3.

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) [X] Physical: drilling stripping, trenching and associated assays [ ] Rehabilitation

Work Type Drilling (core) PL98-06, 07, 08, 09, 10, 11, 12. Office Use: Commodity, Total \$ Value of Work Claimed 86,950. NTS Reference, Mining Division harder lake, Resident Geologist District Kirkland lake.

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 columns for Name, Address, Telephone Number, Fax Number. Includes ROBERT KUSINS, BATTLE MOUNTAIN CANADA LTD. and a RECEIVED stamp dated NOV 23 2000.

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 (Agent) Date 21-Nov-00. Agent's Address 60 Shirley Street South, Timmins, ON P4R 1H2. Telephone Number (705) 268-9600. Fax Number (705) 268-9572.

2.20022

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

W0080.00440

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.
L 1118462	1	\$0.00	\$0.00	\$0.00	\$0.00
L 1217583	3	\$0.00	\$0.00	\$0.00	\$0.00
L 794993	1	\$0.00	\$0.00	\$0.00	\$0.00
L 794994	1	\$0.00	\$0.00	\$0.00	\$0.00
L 794995	1	\$0.00	\$0.00	\$0.00	\$0.00
L 794996	1	<sup>2806</sup> \$5,612.00	\$0.00	\$0.00	<sup>2806</sup> \$5,612.00
L 794997	1	\$0.00	\$0.00	\$0.00	\$0.00
L 794998	1	\$0.00	\$0.00	\$0.00	\$0.00
L 794999	1	\$0.00	\$0.00	\$0.00	\$0.00
L 803880	1	\$0.00	\$0.00	\$0.00	\$0.00
L 803881	1	\$0.00	\$0.00	\$0.00	\$0.00
L 803882	1	\$0.00	\$0.00	\$0.00	\$0.00
L 803883	1	\$0.00	\$0.00	\$0.00	\$0.00
L 803884	1	<sup>1951</sup> \$3,902.00	\$0.00	\$0.00	<sup>1951</sup> \$3,902.00
L 803885	1	\$0.00	\$0.00	\$0.00	\$0.00
L 803886	1	\$0.00	\$0.00	\$0.00	\$0.00
L 803887	1	\$0.00	\$0.00	\$0.00	\$0.00
L 803888	1	\$0.00	\$0.00	\$0.00	\$0.00
L 803889	1	\$0.00	\$0.00	\$0.00	\$0.00
L 803890	1	\$0.00	\$0.00	\$0.00	\$0.00
L 803891	1	<sup>7219</sup> \$14,437.00	\$0.00	\$0.00	<sup>7219</sup> \$14,437.00
L 803892	1	\$0.00	\$0.00	\$0.00	\$0.00
L 803893	1	\$0.00	\$0.00	\$0.00	\$0.00
L 803894	1	\$0.00	\$0.00	\$0.00	\$0.00
L 803895	1	\$0.00	\$0.00	\$0.00	\$0.00
L 803896	1	\$0.00	\$0.00	\$0.00	\$0.00
L 803897	1	\$0.00	\$0.00	\$0.00	\$0.00
L 803898	1	\$0.00	\$0.00	\$0.00	\$0.00
L 803899	1	\$0.00	\$0.00	\$0.00	\$0.00
L 803900	1	\$0.00	\$0.00	\$0.00	\$0.00
L 803901	1	\$0.00	\$0.00	\$0.00	\$0.00
L 803902	1	\$0.00	\$0.00	\$0.00	\$0.00
L 803903	1	\$0.00	\$0.00	\$0.00	\$0.00
L 803904	1	\$0.00	\$0.00	\$0.00	\$0.00
L 803905	1	\$0.00	\$0.00	\$0.00	\$0.00
L 803906	1	\$0.00	\$0.00	\$0.00	\$0.00
L 803907	1	\$0.00	\$0.00	\$0.00	\$0.00

RECEIVED  
NOV 23 2001  
GEOSCIENCE ASSESSMENT  
OFFICE

W0080.00440

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.
L 803908	1	<sup>40,772</sup> <del>\$81,544.00</del>	\$0.00	\$0.00	<sup>40,772</sup> <del>\$81,544.00</del>
L 803909	1	<sup>26,901</sup> <del>\$53,803.00</del>	\$0.00	\$0.00	<sup>26,901</sup> <del>\$53,803.00</del>
L 803910	1	<sup>239</sup> <del>\$477.00</del>	\$0.00	\$0.00	<sup>239</sup> <del>\$477.00</del>
L 803911	1	\$0.00	\$0.00	\$0.00	\$0.00
L 803912	1	\$0.00	\$0.00	\$0.00	\$0.00
L 803913	1	\$0.00	\$0.00	\$0.00	\$0.00
L 803914	1	\$0.00	\$0.00	\$0.00	\$0.00
L 803915	1	\$0.00	\$0.00	\$0.00	\$0.00
L 803916	1	\$0.00	\$0.00	\$0.00	\$0.00
L 803917	1	\$0.00	\$0.00	\$0.00	\$0.00
L 803918	1	\$0.00	\$0.00	\$0.00	\$0.00
L 803919	1	\$0.00	\$0.00	\$0.00	\$0.00
L 803932	1	\$0.00	\$0.00	\$0.00	\$0.00
L 803933	1	\$0.00	\$0.00	\$0.00	\$0.00
L 803934	1	\$0.00	\$0.00	\$0.00	\$0.00
L 803935	1	\$0.00	\$0.00	\$0.00	\$0.00
L 803936	1	\$0.00	\$0.00	\$0.00	\$0.00
L 803937	1	\$0.00	\$0.00	\$0.00	\$0.00
L 803938	1	\$0.00	\$0.00	\$0.00	\$0.00
L 803939	1	\$0.00	\$0.00	\$0.00	\$0.00
L 804493	1	\$0.00	\$0.00	\$0.00	\$0.00
L 804494	1	\$0.00	\$0.00	\$0.00	\$0.00
L 804495	1	\$0.00	\$0.00	\$0.00	\$0.00
L 804496	1	\$0.00	\$0.00	\$0.00	\$0.00
L 804497	1	\$0.00	\$0.00	\$0.00	\$0.00
L 804498	1	\$0.00	\$0.00	\$0.00	\$0.00
L 804499	1	<sup>7062</sup> <del>\$14,125.00</del>	\$0.00	\$0.00	<sup>7062</sup> <del>\$14,125.00</del>
L 804500	1	\$0.00	\$0.00	\$0.00	\$0.00
L 804501	1	\$0.00	\$0.00	\$0.00	\$0.00
L 804502	1	\$0.00	\$0.00	\$0.00	\$0.00
L 804503	1	\$0.00	\$0.00	\$0.00	\$0.00
L 804504	1	\$0.00	\$0.00	\$0.00	\$0.00
L 804505	1	\$0.00	\$0.00	\$0.00	\$0.00
L 804506	1	\$0.00	\$0.00	\$0.00	\$0.00
L 804507	1	\$0.00	\$0.00	\$0.00	\$0.00

W0080.00440

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.
------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------	-------------------------------------------------------------	--------------------------------------	------------------------------------------------	---------------------------------------------------------

Column Totals:      \$173,900.00      \$0.00      \$0.00      ~~\$173,900.00~~  
20,950 20,950

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 21-Nov-00

**6. Instructions for cutting back credits that are not approve**

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)	

20001122



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 Contract Diamond Drilling, Engineering Labour, Core Splitting, Assaying, Associated Costs, Mobile Phone, Transportation Costs, Vehicle Lease/Maintenance, Gas, Food and Lodging Costs, Groceries/Meals, and Total Value of Assessment Work.

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.

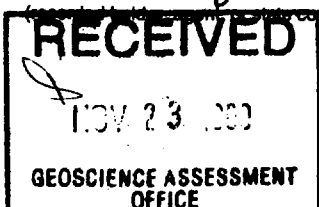
TOTAL VALUE OF ASSESSMENT WORK \$173,900 x 0.50 = \$86,950 Total \$ value of worked claimed.

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 I am authorized to make this certification.



Signature: Wayne Corstorphine Date: 21-Nov-00



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

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

December 21, 2000

HOMESTAKE CANADA INC.  
BOX 11115, SUITE 1100  
1055 WEST GEORGIA STREET  
VANCOUVER, B.C.  
V6E-3P3

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:** 2.20722

**Status**

**Subject: Transaction Number(s):** W0080.00440 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  
Lucille Jerome  
Acting Supervisor, Geoscience Assessment Office  
Mining Lands Section

# Work Report Assessment Results

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**Submission Number:** 2.20722

**Date Correspondence Sent:** December 21, 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>
W0080.00440	794996	MICHAUD	Approval	December 20, 2000

**Section:**  
16 Drilling PDRILL

At the discretion of the Ministry, the assessment work performed on the mining lands noted in this work report may be subject to inspection and/or investigation at any time.

**Correspondence to:**

Resident Geologist  
Kirkland Lake, ON

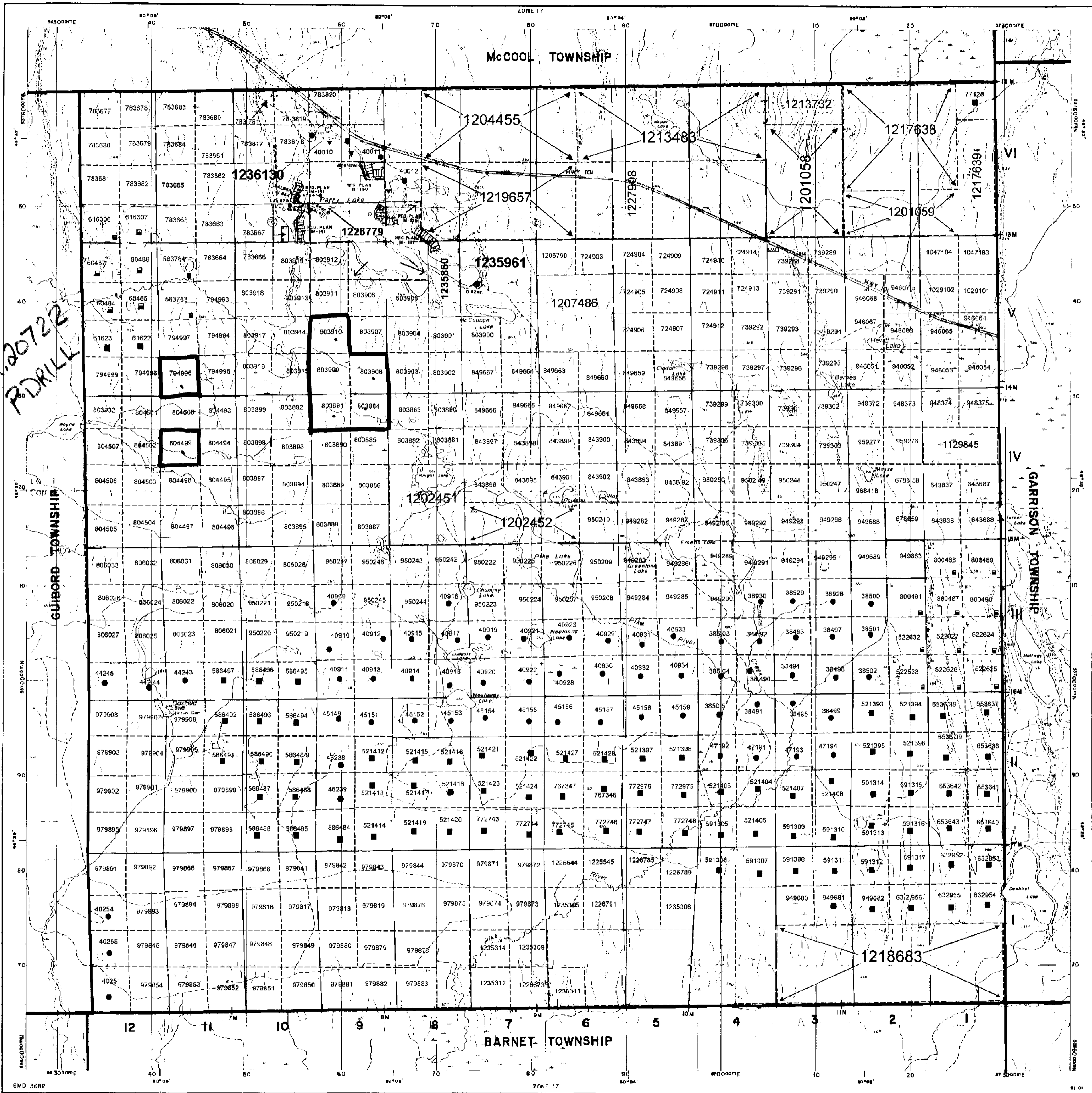
**Recorded Holder(s) and/or Agent(s):**

Wayne Corstorphine  
TIMMINS, ONTARIO, CANADA

Assessment Files Library  
Sudbury, ON

HOMESTAKE CANADA INC.  
VANCOUVER, B.C.

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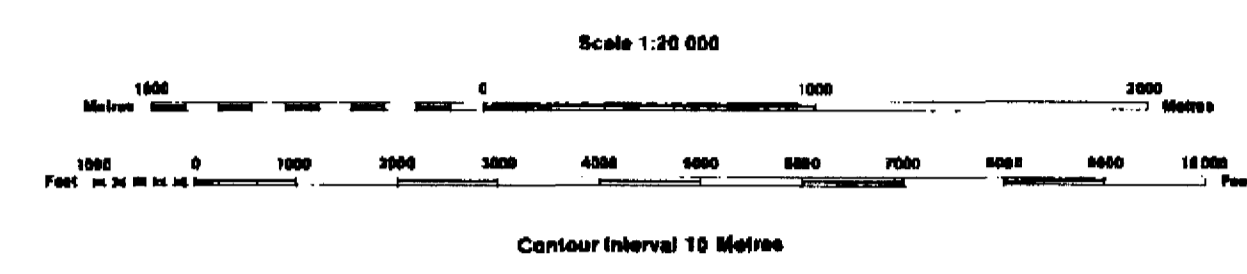


**INDEX TO LAND DISPOSITION**

PLAN  
G-3682  
TOWNSHIP

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

**MICHAUD**



**AREAS WITHDRAWN FROM DISPOSITION**

- MFO - Mining Rights Only
- SRO - Surface Rights Only
- M - S - Mining and Surface Rights

**SYMBOLS**

Description	Order No.	Date	Disposition	File
(R2) Sec. 42	R.S.O. 80		SRO	164596

Boundary	-----
Township, Meridian, Baseline	-----
Road allowance, surveyed	-----
shoreline	-----
Lot/Concession, surveyed	-----
unsurveyed	-----
Parcel, surveyed	-----
unsurveyed	-----
Right-of-way, road	-----
railway	-----
utility	-----
Reservation	-----
CM, Ft. Pie	-----
Contour	-----
Interpolated	-----
Approximate	-----
Depression	-----
Control point (horizontal)	-----
Flooded land	-----
Mine head frame	-----
Pipeline (above ground)	-----
Railway, single track	-----
double track	-----
abandoned	-----
Road, highway, county, township	-----
access	-----
rail, bush	-----
Shoreline (original)	-----
Transmission line	-----
Wooded area	-----

**DISPOSITION OF CROWN LANDS**

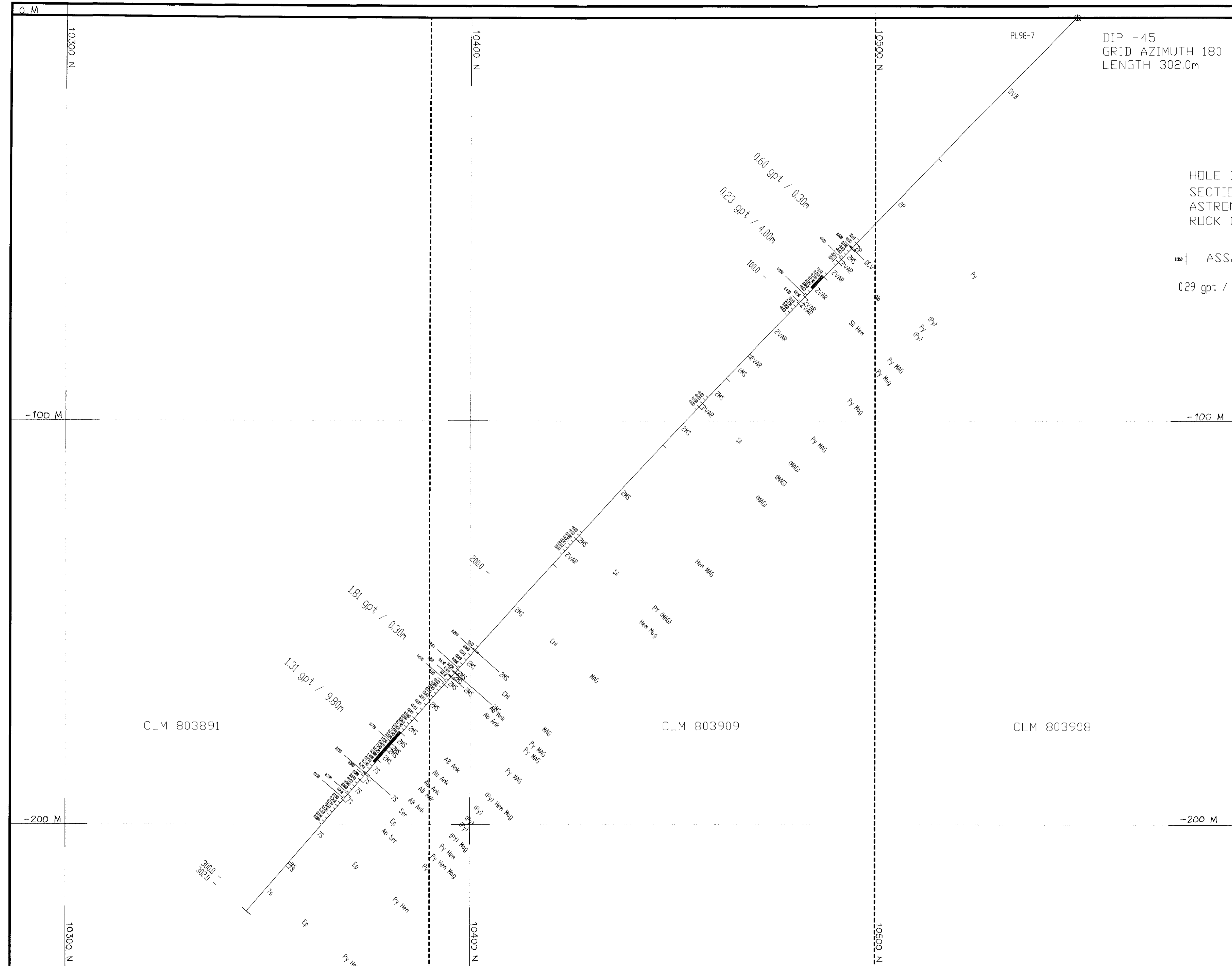
Patent	-----
Surface & Mining Rights	-----
Surface Rights Only	-----
Mining Rights Only	-----
Lease	-----
Surface & Mining Rights	-----
Surface Rights Only	-----
Mining Rights Only	-----
Licence of Occupation	-----
Order-in-Council	-----
Cancelled	-----
Reservation	-----
Sand & Gravel	-----

Map base and land disposition drafted by Surveys and Mapping Branch, Ministry of Natural Resources.

The disposition of land, location of lot fabric and parcel boundaries on this index was compiled for administrative purposes only.







HOLE DRILLED ON CLAIMS 803908, 803909 AND 803891  
SECTION PARALLEL TO GRID LINE 12000E  
ASTRONOMIC AZIMUTH 185.5  
ROCK CODES AS PER LEGEND

ASSAYS IN GRAMS PER METRIC TONNE GOLD  
0.29 gpt / 6.00m COMPOSITE ZONE (Au gpt over metres)

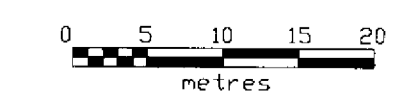
LEGEND		ABBREVIATIONS	
[8U] Diabase (All Ages)	[7U] Felsic to Intermediate Intrusive	<b>Textural</b>	<b>Veining</b>
[7G] Granite	[7I] Tonalite	ag agglomerate	Av ankerite
[7ZD] Granodiorite, Quartz Monzonite	[7S] Syenite	Az,az alteration zone	Cv calcite
[7SM] Mafic Syenite	[7M] Monzonite	amy amygdaloidal	Epv epidote
[7M] Monzonite	[7FP] Feldspar Parphyry	FB,fb flow breccia	Hemv hematite
[7QF] Quartz/Feldspar Parphyry	[7PA] Pegmatite	fol foliated	Mtv magnetite
[7A] Aplite	[7F] Felsite	glom glomerophytic	Qtz quartz
		hy hyaloclastic	Qtzaur quartz-tourmaline
		htr heterolithic	Qav quartz ankerite
		lap lapilli	Qcv quartz calcite
		ms massive	iourv tourmaline
		p pillowed	
		por porphyritic	<b>Intensity Code</b>
		sch schistose	Qav 1-5%
		stx spinifex	QAV 5-15%
		t tuffaceous	{QAV} >15%
		ves vesicular	
		var variolitic	
[8U] Mafic to Ultramafic Intrusive	[5U] Clastic Sediments	<b>Alteration</b>	<b>Structural</b>
[6D] Diorite, Trondhjemite	[5AR] Argillite	Ab abtization	bd bedded
[6G] Gabbro	[5ARG] Graphitic Argillite	Ank ankerization	band banded
[6A] Anorthosite	[5GW] Greywacke	Bl biotization	bx breccia
[6P] Peridotite, Pyroxenite	[5CC] Conglomerate	Cal calcitic	bxd brecciated
[6L] Lamprophyre	[5CCG] Yimiskaming Conglomerate	Carb carbonatization	ct contact
		Cb carbon	f fault
		Chi chloritization	FZ,fz fault zone
		Ep epidolization	ft faulting
		Gcb green carbonate	fl flow
		Hem hematization	fr fracture
		Lx leucocoxene	g gouge
		Pol potassic	s shear
		Serp sericitization	SZ,sz shear zone
		Serp serpentinization	sik slickenside
		Sl silicification	
		Tc talc	
		Tour tourmaline	
			<b>OTHER</b>
			fg fine grained
			mg medium grained
			cg coarse grained
			fmq fine to medium grained
			cg fine to coarse grained
			int intermittent
			loc,l locally (local) eg imag
			mag magnetic
			mod moderate
			st strong
			vs very strong
			wk,w_ weak eg wmag
			OVb Overburden
[4U] Chemical Sediments	[3U] Felsic to Intermediate Volcanics	<b>Mineralization</b>	
[4IF] Iron Formation	[3R] Rhyolite	Asp arsenopyrite	
[4FS] Sulphide Facies	[3D] Dacite	Cl clustered pyrite	
[4FC] Silicate Facies	[3A] Andesite	Cpy chalcopyrite	
[4FO] Oxide Facies	[3T] Trachyte	Dc disseminated pyrite	
[4C] Chert		Ga gatera	
[4GF] Graphite		M magnetite	
		Mo molybdenite	
		Py pyrrhotite	
		Py pyrite	
		Sw stockwork pyrite	
		V.G. visible gold	
[2U] Mafic Volcanics			
[2MS] Massive			
[2P] Pillowed			
[2FB] Mafic Flow-Breccia			
[2HY] Mafic Hyaloclastite			
[2VAR] Variolitic			
[2POR] Porphyritic			
[1U] Ultramafic Volcanics - Unsubdivided			
[1TC] Talc-Chlorite Altered			
[1CCB] Green-Carbonate Altered			



220



**Battle Mountain Gold**  
EXPLORATION OFFICE

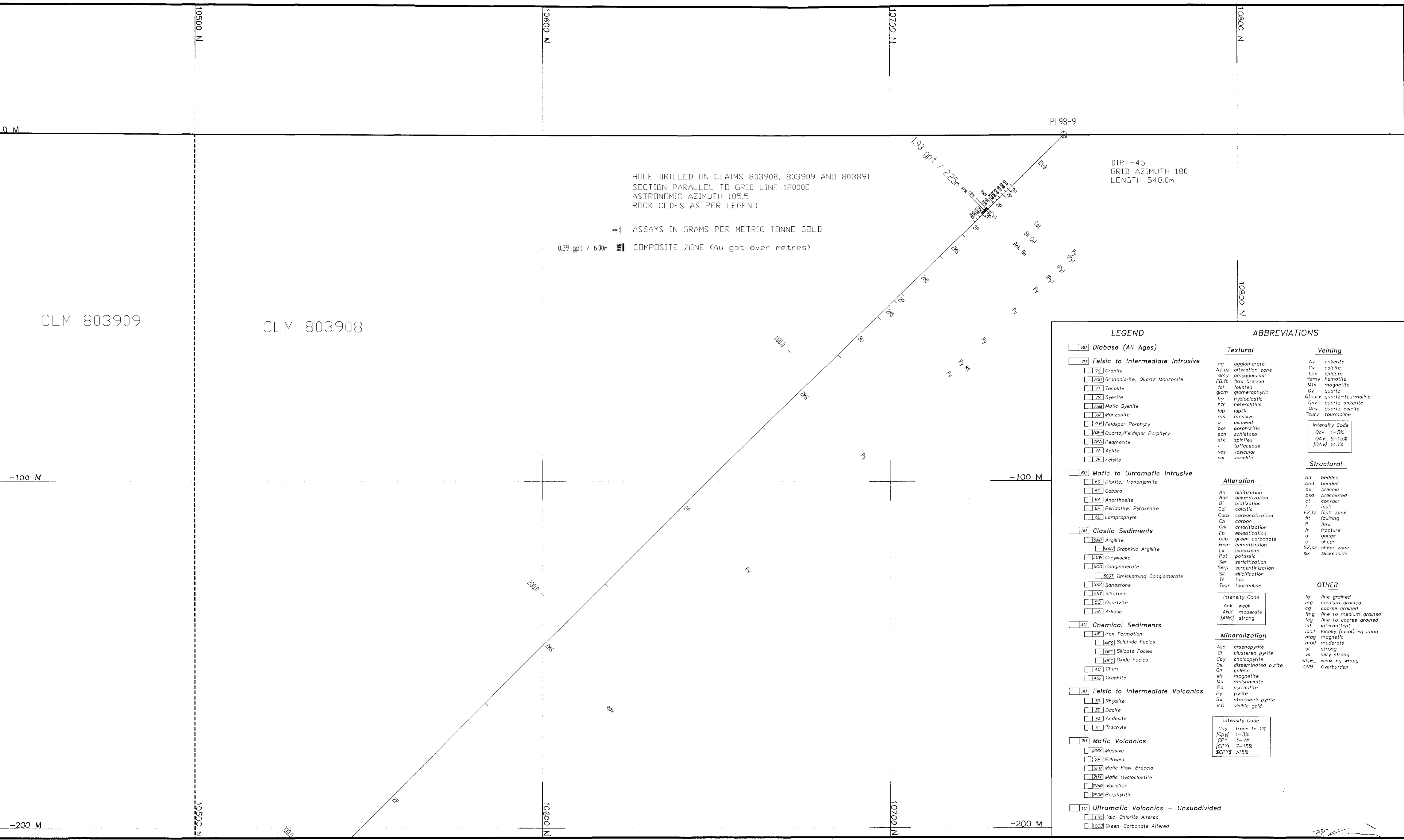


PL 98-7			
Plot by: BK	Date: Nov 10/98	Dwg. No.	
Checked:	Date:		
	Scale: 1:500		









LEGEND		ABBREVIATIONS	
<b>80 Diabase (All Ages)</b>		<b>Textural</b>	<b>Veining</b>
<b>70 Felsic to Intermediate Intrusive</b>		ag agglomerate	Av ankerite
70 Granite		AZ,az alteration zone	Cv calcite
700 Granodiorite, Quartz Monzonite		amy amygdaloidal	Epi epidote
71 Tonalite		FB,fb flow breccia	Hemv hematite
75 Syenite		fol foliated	Mtv magnetite
75M Mafic Syenite		glom glomerophytic	Qv quartz
7M Monzonite		hy hyaloclastic	Qlavr quartz-tourmaline
7FP Feldspar Porphyry		Hf heterolithic	Qav quartz ankerite
7QFP Quartz/Feldspar Porphyry		lap lapilli	Qcv quartz calcite
7PA Pegmatite		ms massive	Taurv tourmaline
7A Aplite		p pillowed	
7 Felsite		por porphyritic	<b>Intensity Code</b>
		sch schistose	Qav 1-5%
		stk spinitex	QAV 5-15%
		t tuffaceous	[QAV] >15%
		ves vesicular	
		var variolitic	
<b>60 Mafic to Ultramafic Intrusive</b>			<b>Structural</b>
60 Diorite, Trondhjemite			bd bedded
60 Gabbro			bnd banded
6A Anorthosite			bx breccia
6P Peridotite, Pyroxenite			bxt brecciated
6L Lamprophyre			ct contact
			f fault
<b>50 Clastic Sediments</b>			FZ,fz fault zone
5AR Argillite			ft faulting
5AR2 Graphitic Argillite			fl flow
5GW Greywacke			fr fracture
5CC Conglomerate			g gouge
5CC1 Timiskaming Conglomerate			s shear
5SS Sandstone			SZ,sz shear zone
5ST Siltstone			slk sickenside
5Q Quartzite			
5A Arkose			
<b>40 Chemical Sediments</b>			
4F Iron Formation			
4FS Sulphide Facies			
4FC Silicate Facies			
4FO Oxide Facies			
4C Chert			
4GP Graphite			
<b>30 Felsic to Intermediate Volcanics</b>			
3R Rhyolite			
3D Dacite			
3A Andesite			
3T Trachyte			
<b>20 Mafic Volcanics</b>			
2MS Massive			
2P Pillowed			
2FB Mafic Flow-Breccia			
2HY Mafic Hyaloclastite			
2VAR Variolitic			
2PCB Paraphyritic			
<b>10 Ultramafic Volcanics - Unsubdivided</b>			
1TC Talc-Chlorite Altered			
1CCB Green-Carbonat Altered			
		<b>Alteration</b>	
		Ab albittization	
		Ank ankeritization	
		Bl biolittization	
		Cal calcitic	
		Carb carbonatization	
		Cb carbon	
		Chl chloritization	
		Ep epidolization	
		Gcb green carbonate	
		Hem hematization	
		Lx leucoxene	
		Pal potassic	
		Ser sericitization	
		Serp serpentinization	
		Sil silicification	
		Tc talc	
		Taur tourmaline	
			<b>OTHER</b>
			fg fine grained
			mg medium grained
			cg coarse grained
			fmg fine to medium grained
			fcg fine to coarse grained
			int intermittent
			loc, locally (local) eg imag
			mag magmatic
			mod moderate
			st strong
			vs very strong
			wk,w weak eg wmag
			OVB Overburden
		<b>Mineralization</b>	
		Asp arsenopyrite	
		Cl clustered pyrite	
		Cpy chalcopyrite	
		Ds disseminated pyrite	
		Gn galena	
		Mt magnetite	
		Mo molybdenite	
		Pa pyrrhotite	
		Py pyrite	
		Sw stockwork pyrite	
		V.G. visible gold	
			<b>Intensity Code</b>
			Cpy trace to 1%
			[Cpy] 1-3%
			CPY 3-7%
			[CPY] 7-15%
			[CPY] >15%



42A0982031 2.20722 MICHAUD 250



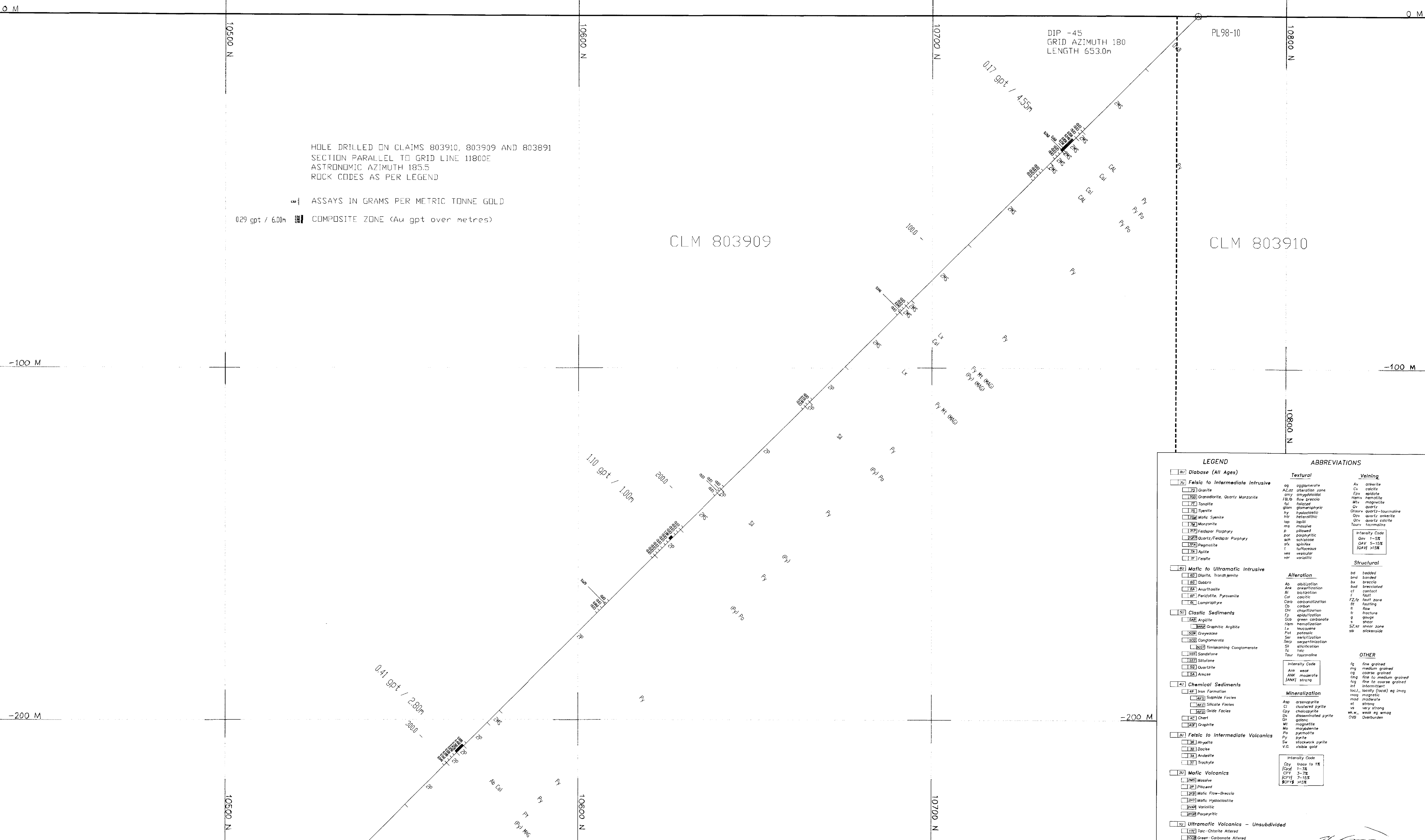
**Battle Mountain Gold**  
EXPLORATION OFFICE

PL98-9 TOP SHEET

Plot by :	BK	Date :	Nov 10/98	Dwg. No.
Checked :		Date :		
		Scale :	1:500	



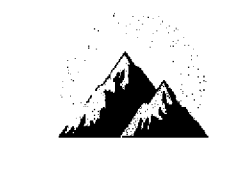




HOLE DRILLED ON CLAIMS 803910, 803909 AND 803891  
SECTION PARALLEL TO GRID LINE 11800E  
ASTRONOMIC AZIMUTH 185.5  
ROCK CODES AS PER LEGEND

ASSAYS IN GRAMS PER METRIC TONNE GOLD  
COMPOSITE ZONE (Au gpt over metres)

LEGEND		ABBREVIATIONS	
[80] Diabase (All Ages)	[20] Felsic to Intermediate Intrusive	ag agglomerate	Av ankerite
[120] Quartz	[72] Quartz	AlZ alteration zone	Cv calcite
[125] Granodiorite, Quartz Monzonite	[75] Tonalite	amy amygdaloidal	Edv epidote
[77] Syenite	[78] Syenite	Br/B flow breccia	Hem hematite
[78] Syenite	[78] Mafic Syenite	fo feldspar	Mv magnetite
[78] Mafic Syenite	[78] Monzonite	glom glomerophytic	Qtz quartz
[78] Mafic Syenite	[78] Feldspar Porphyry	hy hydroclastic	Qtzr quartz-tourmaline
[78] Feldspar Porphyry	[78] Quartz/Feldspar Porphyry	het heterolithic	Qv quartz ankerite
[78] Quartz/Feldspar Porphyry	[78] Pegmatite	hap hapill	QvC quartz calcite
[78] Pegmatite	[78] Aplite	ms massive	QtzrC quartz calcite
[78] Aplite	[78] Felsite	p pillowed	Tour tourmaline
[78] Felsite	[80] Mafic to Ultramafic Intrusive	por porphyritic	
[80] Diabase (All Ages)	[80] Diabase, Troctolite	sch schistose	
[80] Diabase, Troctolite	[80] Gabbro	sp spinifer	
[80] Gabbro	[80] Anorthosite	t tuffaceous	
[80] Anorthosite	[80] Peridotite, Pyroxenite	ves vesicular	
[80] Peridotite, Pyroxenite	[80] Lamprophyre	vor voritic	
[80] Lamprophyre	[80] Clastic Sediments		
[80] Clastic Sediments	[842] Argillite		
[842] Argillite	[842] Graphitic Argillite		
[842] Graphitic Argillite	[850] Greywacke		
[850] Greywacke	[850] Conglomerate		
[850] Conglomerate	[850] Tamikooming Conglomerate		
[850] Tamikooming Conglomerate	[850] Sandstone		
[850] Sandstone	[850] Siltstone		
[850] Siltstone	[850] Quartzite		
[850] Quartzite	[850] Anaxite		
[850] Anaxite	[80] Chemical Sediments		
[80] Chemical Sediments	[48] Iron Formation		
[48] Iron Formation	[48] Sulfide Facies		
[48] Sulfide Facies	[48] Silicate Facies		
[48] Silicate Facies	[48] Oxide Facies		
[48] Oxide Facies	[48] Chert		
[48] Chert	[48] Graphite		
[48] Graphite	[80] Felsic to Intermediate Volcanics		
[80] Felsic to Intermediate Volcanics	[30] Rhyolite		
[30] Rhyolite	[30] Dacite		
[30] Dacite	[30] Andesite		
[30] Andesite	[30] Trachyte		
[30] Trachyte	[80] Mafic Volcanics		
[80] Mafic Volcanics	[20] Basalt		
[20] Basalt	[20] Basaltic Andesite		
[20] Basaltic Andesite	[20] Mafic Flow-Breccia		
[20] Mafic Flow-Breccia	[20] Mafic Hyaloclastite		
[20] Mafic Hyaloclastite	[20] Variolite		
[20] Variolite	[20] Porphyritic		
[20] Porphyritic	[80] Ultramafic Volcanics - Unsubdivided		
[80] Ultramafic Volcanics - Unsubdivided	[170] Talc-Chlorite Altered		
[170] Talc-Chlorite Altered	[800] Green-Carbonate Altered		
[800] Green-Carbonate Altered			



**Battle Mountain Gold**  
EXPLORATION OFFICE

PL98-10 TOP SHEET

0 5 10 15 20 metres

Plot by: BK Date: Nov 10/98 Dwg. No.

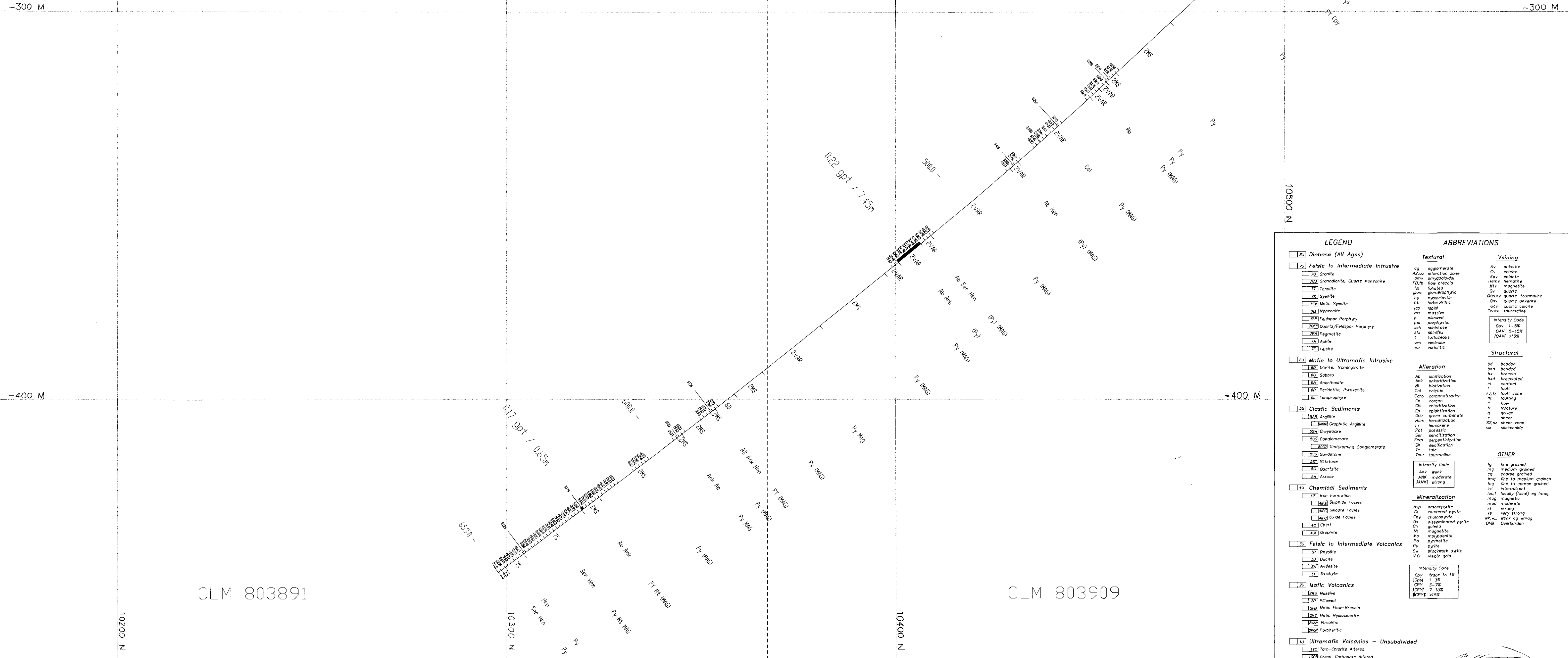
Checked: Date:

Scale: 1:500

HOLE DRILLED ON CLAIMS 803910, 803909 AND 803891  
SECTION PARALLEL TO GRID LINE 11800E  
ASTRONOMIC AZIMUTH 185.5  
ROCK CODES AS PER LEGEND

ASSAYS IN GRAMS PER METRIC TONNE GOLD  
0.29 gpt / 6.0m COMPOSITE ZONE (Au gpt over metres)

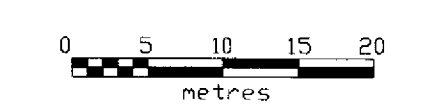
DIP -45  
GRID AZIMUTH 180  
LENGTH 653.0m



CLM 803891

CLM 803909

LEGEND		ABBREVIATIONS	
[82] Diabase (All Ages)	[10] Felsic to Intermediate Intrusive	<b>Textural</b>	<b>Veining</b>
[76] Granite	[720] Granodiorite, Quartz Monzonite	ag agglomerate	Av ankerite
[77] Tonalite	[721] Syenite	AZ,az alteration zone	Ep epidote
[730] Mafic Syenite	[722] Monzonite	amf amygdaloid	Epw epidote
[727] Feldspar Porphyry	[723] Quartz/Feldspar Porphyry	FB,fb flow breccia	Hemv hematite
[724] Pegmatite	[724] Pegmatite	fol foliated	Mv magnesian
[725] Aplite	[725] Aplite	gm granophyric	Qv quartz
[72] Felsite	[725] Felsite	hy hydrothermal	Qvur quartz-tourmaline
[80] Mafic to Ultramafic Intrusive	[80] Mafic to Ultramafic Intrusive	ntc nephelitic	Qvq quartz-ankerite
[82] Diorite, Trondhjemite	[82] Diorite, Trondhjemite	ms massive	Tourv tourmaline
[83] Gabbro	[83] Gabbro	pl pillowed	
[84] Anorthosite	[84] Anorthosite	por porphyritic	
[85] Peridotite, Pyroxenite	[85] Peridotite, Pyroxenite	sch schalose	
[86] Lamprophyre	[86] Lamprophyre	stf stibiferous	
[87] Argillite	[87] Argillite	t tufaceous	
[88] Graphitic Argillite	[88] Graphitic Argillite	var variegated	
[89] Greywacke	[89] Greywacke		
[90] Conglomerate	[90] Conglomerate		
[91] Sandstone	[91] Sandstone		
[92] Siltstone	[92] Siltstone		
[93] Arkose	[93] Arkose		
[40] Chemical Sediments	[40] Chemical Sediments		
[41] Iron Formation	[41] Iron Formation		
[42] Sulphide Facies	[42] Sulphide Facies		
[43] Silicate Facies	[43] Silicate Facies		
[44] Oxide Facies	[44] Oxide Facies		
[45] Chert	[45] Chert		
[46] Graphite	[46] Graphite		
[20] Felsic to Intermediate Volcanics	[20] Felsic to Intermediate Volcanics		
[21] Rhyolite	[21] Rhyolite		
[22] Dacite	[22] Dacite		
[23] Andesite	[23] Andesite		
[24] Trachyte	[24] Trachyte		
[20] Mafic Volcanics	[20] Mafic Volcanics		
[25] Basalt	[25] Basalt		
[26] Basaltic Flow-Breccia	[26] Basaltic Flow-Breccia		
[27] Mafic Hyaloclastite	[27] Mafic Hyaloclastite		
[28] Variolite	[28] Variolite		
[29] Porphyritic	[29] Porphyritic		
[10] Ultramafic Volcanics - Unsubdivided	[10] Ultramafic Volcanics - Unsubdivided		
[11] Talc-Chlorite Altered	[11] Talc-Chlorite Altered		
[12] Green-Carbonate Altered	[12] Green-Carbonate Altered		



Plot by: BK	Date: Nov 10/98	Dwg. No.
Checked:	Date:	
	Scale: 1:500	



0 M

0 M

10300 N

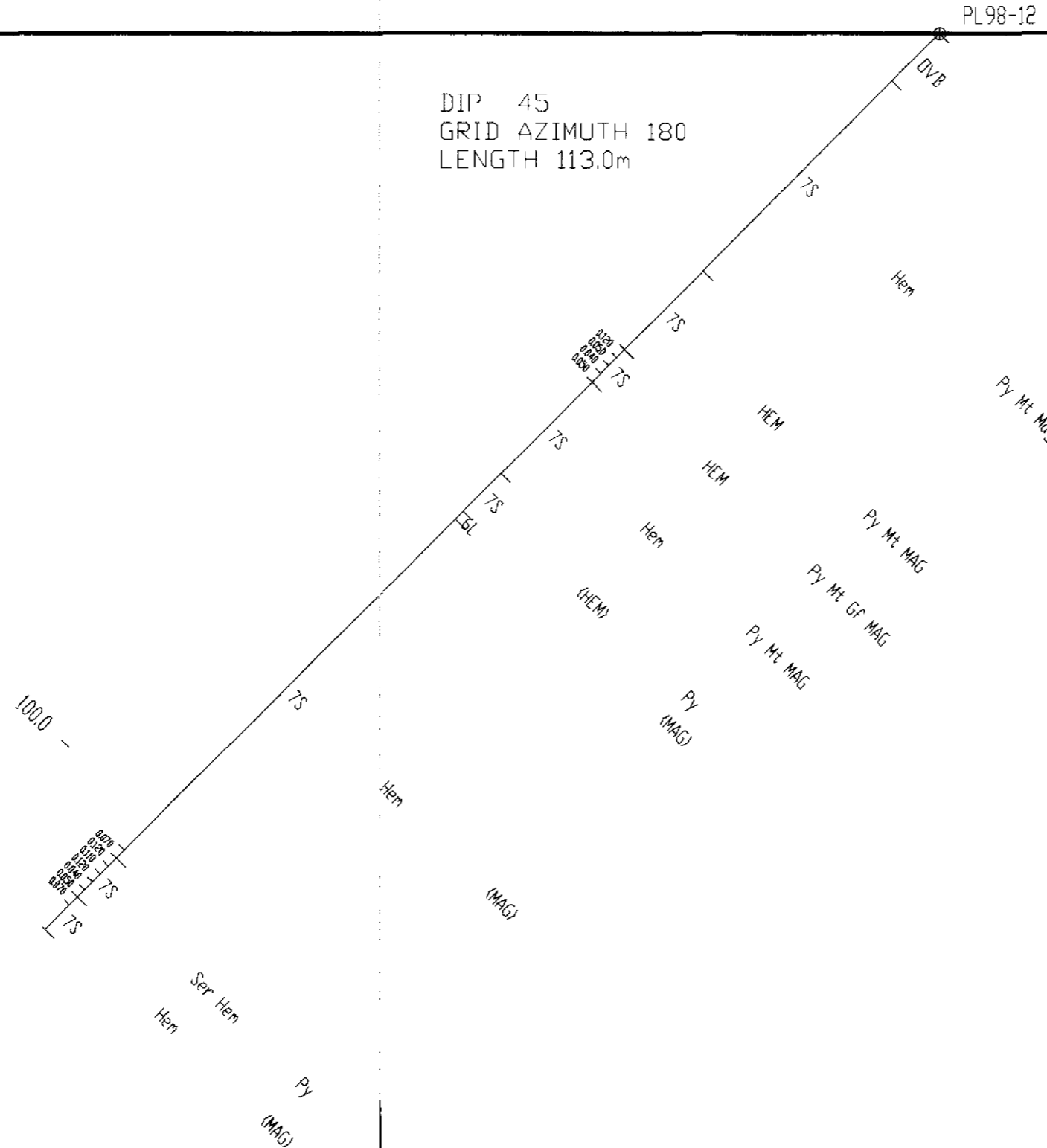
10400 N

DIP -45  
GRID AZIMUTH 180  
LENGTH 113.0m

HOLE DRILLED ON CLAIMS 794996  
SECTION PARALLEL TO GRID LINE 10100E  
ASTRONOMIC AZIMUTH 185.5  
ROCK CODES AS PER LEGEND

ASSAYS IN GRAMS PER METRIC TONNE GOLD

0.29 gpt / 6.00m COMPOSITE ZONE (Au gpt over metres)



LEGEND

ABBREVIATIONS

<b>[BU] Diabase (All Ages)</b>	<b>Textural</b>	<b>Veining</b>
<b>[ZU] Felsic to Intermediate Intrusive</b>	ag agglomerate	Av ankerite
[7G] Granite	Az,az alteration zone	Cv calcite
[7GD] Granodiorite, Quartz Monzonite	amy amygdaloidal	Epv epidote
[7T] Tonalite	FB,fb flow breccia	Hemv hematite
[7S] Syenite	fol foliated	Mlv magnetite
[7SM] Mafic Syenite	glom glomerophyric	Ov quartz
[7M] Monzonite	hy hyaloclastic	Qtourv quartz-tourmaline
[7FP] Feldspar Porphyry	htr heterolithic	Qav quartz ankerite
[7QFP] Quartz/Feldspar Porphyry	lap lapilli	Oav quartz calcite
[7PA] Pegmatite	ms massive	Tourv tourmaline
[7A] Aplitite	p pillowed	
[7F] Felsite	por porphyritic	<b>Intensity Code</b>
	sch schistose	Oav 1-5%
	slx siltstone	QAV 5-15%
	t tuffaceous	{QAV} >15%
	ves vesicular	
	var variolitic	
<b>[BU] Mafic to Ultramafic Intrusive</b>		<b>Structural</b>
[BU] Diorite, Trondhjemite		bd bedded
[BU] Gabbro		bnd banded
[6A] Anorthosite	Ab atbitization	bx breccia
[6P] Peridotite, Pyroxenite	Ank ankeritization	bxd brecciated
[6L] Lamprophyre	Bl bitization	ct contact
	Cal calcitic	f fault
<b>[SU] Clastic Sediments</b>	Carb carbonatization	FZ,fz fault zone
[SAR] Argillite	Cb carbon	ft faulting
[SMA] Graphitic Argillite	Chl chloritization	fl flow
[SCW] Greywacke	Ep epidatization	fr fracture
[SCG] Conglomerate	Gcb green carbonate	g gouge
[SCG] Timiskaming Conglomerate	Hem hematization	s shear
[55S] Sandstone	Lx leucocane	SZ,sz shear zone
[55T] Siltstone	Pot potassic	slk slickenside
[50] Quartzite	Ser sericitization	
[5A] Arkose	Serp serpentinization	
	Sli silicification	
	Tc talc	
	Tour tourmaline	
<b>[4U] Chemical Sediments</b>		<b>OTHER</b>
[4F] Iron Formation		fg fine grained
[4FS] Sulphide Facies		mg medium grained
[4FC] Silicate Facies		cg coarse grained
[4FO] Oxide Facies		img fine to medium grained
[4C] Chert		fcg fine to coarse grained
[4G] Graphite		int intermittent
<b>[3U] Felsic to Intermediate Volcanics</b>		loc,l locally (local) eg imag
[3R] Rhyolite		mag magnetic
[3D] Dacite		mod moderate
[3A] Andesite		st strong
[3T] Trachyte		vs very strong
<b>[2U] Mafic Volcanics</b>		wk,w weak eg wmag
[2MS] Massive		OVB Overburden
[2P] Pillowed		
[2FB] Mafic flow-Breccia		
[2HY] Mafic Hyaloclastite		
[2VAR] Variolitic		
[2POR] Porphyritic		
<b>[1U] Ultramafic Volcanics - Unsubdivided</b>		
[1TC] Talc-Chlorite Altered		
[1OCB] Green-Carbonate Altered		



42A098E2031 2.20722 MICHAUD 300