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ASSESSMENT REPORT OF  
DIAMOND DRILLING AND SOIL GEOCHEMISTRY  
POISON MOUNTAIN PROJECT  
FOR  
BETHLEHEM RESOURCES CORP.

CLINTON MINING DIVISION  
NTS 920/2  
51°10'N, 122°38'W

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

23,243

Wesley Raven, P.Geo.

January 24, 1994

## SUMMARY

The Poison Mountain project represents a porphyry style disseminated and fracture controlled copper-gold-molybdenum deposit within Tertiary dioritic intrusions and adjacent Cretaceous, Jackass Mountain Group sedimentary rocks. The project is located approximately 96 road kilometres north-northwest of Lillooet, B.C. and consists of 20 mineral claims totalling 250 units. The property is currently owned by Lac Minerals Ltd., Bethlehem Resources Corp. has the right to earn a 100% interest in the property from Lac.

The 1993 exploration program consisted of diamond drilling and soil geochemical surveys. The drilling focused on the Fenton Creek Zone, a satellite body to the main Copper Creek Zone. The Copper Creek Zone contains announced reserves of 280 million tonnes of 0.261% copper, 0.007% molybdenum, 0.142 g/t gold and 0.514 g/t silver. There are no published reserves for the Fenton Creek Zone. Two other areas were tested with one hole each - Anomaly B and the Copper Creek Zone. A total of 10 holes totalling 2,568.91 metres (8,426 feet) were completed on the Poison Mountain project.

In the spring, Bethlehem conducted an extensive soil geochemistry program largely over the Fenton Creek Zone; Anomaly A, north of Fenton Creek, and Anomaly B, southwest of Fenton Creek. A total of 425 samples were collected during this phase. Limited soil sampling was conducted during the drilling program primarily

to supplement the earlier spring program. A total of 175 samples were collected in the fall bringing the total to 600 samples.

Drilling in the Fenton Creek Zone was designed to test the size potential of an apparent gold rich portion of the zone indicated by a previous hole, N-21, which was drilled in 1966-67. The 1993 program was successful in outlining an area of higher grade copper mineralization but gold assays were lower than those indicated by previous drilling.

One hole, PM-93-6, was collared to test a gold soil geochemical anomaly (Anomaly B) with a coincident IP conductor. Severe drilling difficulties were encountered resulting in the hole being abandoned before reaching its target depth. Gold and copper assays from this hole were low, no significant mineralization was intersected.

Drilling on the Copper Creek Zone consisted of one hole, PM-93-10. The hole was designed to test the continuity of mineralization at depth and confirm the copper and gold grades received from previous drilling programs. The 1993 results indicate the mineralization extends to considerable depth and grades are similar to those previously obtained.

The soil geochemistry program was successful in outlining areas of anomalous copper and gold. Most of the gold anomalies are on the southwest portions of the grid where they form east-west

linear trends which likely represent a different style of mineralization than the porphyry system. Copper anomalies are present on the northern grid area and form both linear trends over 200 to 400 metres in length and larger blocks some 400 by 400 metres with values up to 4330 ppm.

Further work is warranted on the property. Additional drilling is required on the Fenton Creek Zone to further delineate the area of higher grade mineralization and to increase the confidence levels of drill indicted reserves. The area east of the Fenton Creek Zone mineralization, around PM-93-7, where highly anomalous copper was obtained from soil samples, should be further investigated. Additional soil sampling around the highly anomalous area on lines 98E and 100E should be combined together with magnetic and VLF electromagnetic surveys and the recent reinterpretation of the existing IP data.

Limited work should be performed in the area of Anomaly B. Ground geophysical surveys, including magnetic and VLF-EM electromagnetic, should be completed on the existing grid and the grid should be expanded to cover an old collapsed adit located south of L88E.

No further work is required on the Copper Creek Zone at this time.

## TABLE OF CONTENTS

	Page
Summary	1
Introduction	1
Location and Access	1
Topography, Vegetation and Physiography	2
Claim Status	2
Property History	4
Regional Geology	5
Property Geology	6
Diamond Drilling	7
Fenton Creek Zone	8
PM-93-1	9
PM-93-2	10
PM-93-3	10
PM-93-4	11
PM-93-5	12
PM-93-7	13
PM-93-8	13
PM-93-9	14
Anomaly B	15
Copper Creek Zone	15
Geological Discussion - Fenton Creek Zone	17
Alteration	21
Geochemistry	24
Water Sampling	26
Conclusions, Discussion and Recommendations	27
Statement of Costs	31
Certificate	
Wesley Raven, P. Geo.	
Bibliography	

## LIST OF FIGURES

Figure 1	Location Map	Following Page	1
Figure 2	Claim Map	Following Page	2
Figure 3	Property Geology Map	Following Page	6
Figure 4	Diamond Drilling Plan View	Following Page	7
Figure 4a	Diamond Drilling Plan View Fenton Creek	Following Page	7
Figure 5	Poison Mountain Legend	Following Page	7
Figure 6	Section 10600N	Following Page	8
Figure 7	Section 10650N	Following Page	8
Figure 8	Section 10700N	Following Page	8
Figure 9	Section 10750N	Following Page	8
Figure 10	Section 9700E	Following Page	8
Figure 11	Section 9850E	Following Page	8
Figure 12	Section 10150E	Following Page	8
Figure 13	Section 8900E	Following Page	15
Figure 14	Section 10500E	Following Page	15
Figure 15	Section 10530E	Following Page	15
Figure 16	Section 10560E	Following Page	15
Figure 17	Copper Geochemistry Contoured	In Pocket	
Figure 18	Gold Geochemistry Contoured	In Pocket	
Figure 19	Copper and Gold Geochemistry	In Pocket	

## LIST OF TABLES

Table 1	Claim Information	3
Table 2	Summary of Drill Hole Data	8
Table 3	Drill Hole PM-93-5 Assays	12
Table 4	Drill Hole PM-93-10 Assays	17

## LIST OF APPENDICES

Appendix I	Drill Logs
Appendix II	Analytical Results
Appendix III	Water Sampling Procedures and Results

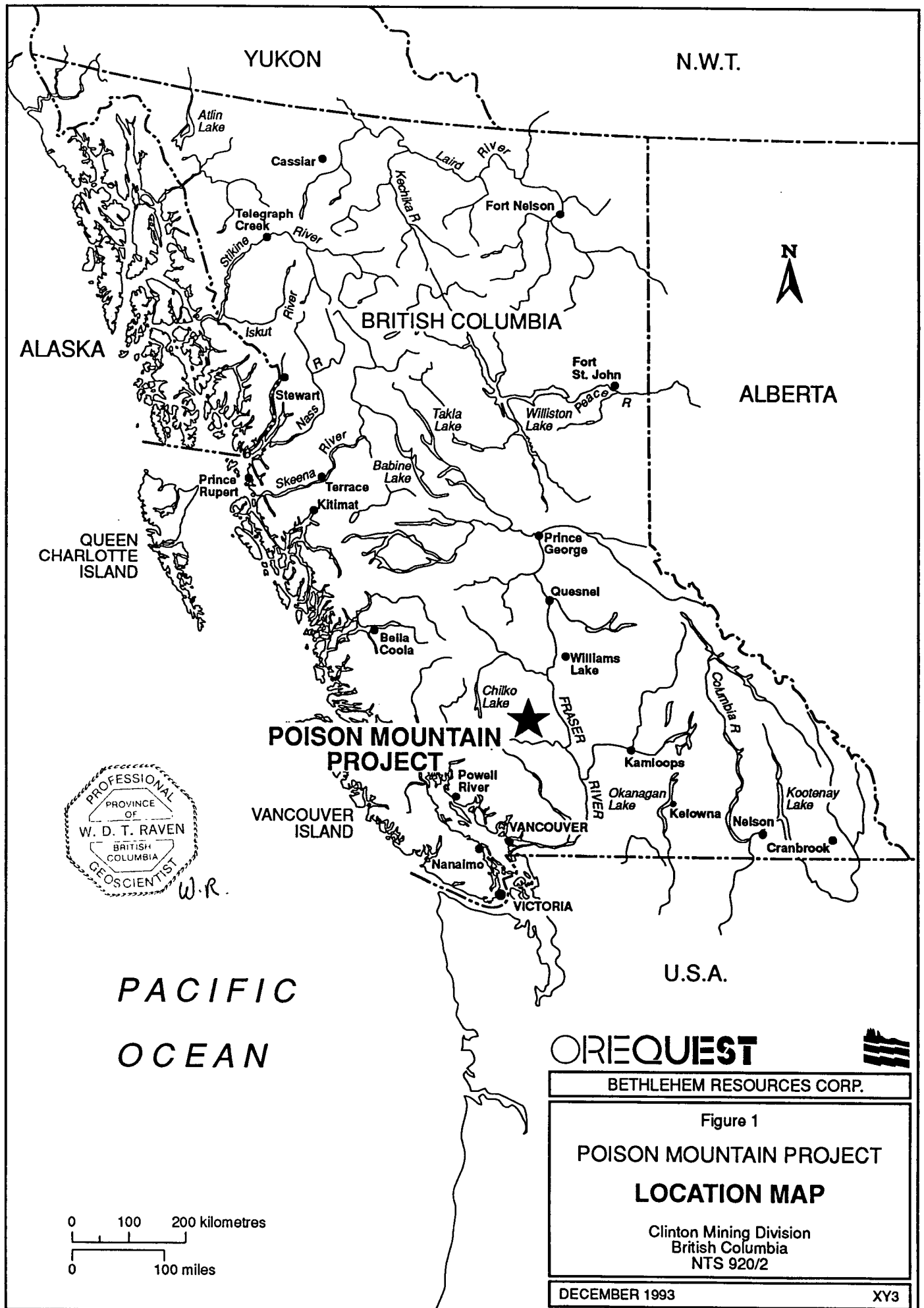
## INTRODUCTION

The Poison Mountain property is host to porphyry style disseminated and fracture controlled copper-gold-molybdenum mineralization within Tertiary dioritic intrusions and adjacent Cretaceous, Jackass Mountain Group sedimentary rocks. The property is owned by Lac Minerals Ltd., Bethlehem Resources Corporation has the right to earn an 100% interest in the property.

This report describes and presents the results from a spring soil geochemical survey, and a 10 hole diamond drilling program which commenced on September 19, 1993, and terminated on November 15, 1993. The focus of the drilling program was on the Fenton Creek Zone, a satellite body northwest of the main Copper Creek Zone, which was believed to contain higher gold values.

## LOCATION AND ACCESS

The Poison Mountain property is located approximately 96 road kilometres north of Lillooet, B.C. (Figure 1). Access is by a good gravel road from Lillooet, some 35 kilometres west along the Bridge River road towards Goldbridge and Bralorne and then northwesterly for approximately 61 kilometres along the Yalakom River gravel road to the property at the base of Poison Mountain. The property is centred at 51°10'N latitude and 122°38'W longitude, NTS map sheet 920/2.



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PACIFIC  
 OCEAN

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 0 100 miles

**OREQUEST**

BETHLEHEM RESOURCES CORP.

Figure 1  
**POISON MOUNTAIN PROJECT**  
**LOCATION MAP**

Clinton Mining Division  
 British Columbia  
 NTS 920/2

DECEMBER 1993 XY3



Access to the southern and east-central portions of the property is easily obtained along the Yalakom River road and China Head - China Bar Ferry road and the numerous old drill roads along the west and southern flanks of Poison Mountain, which provide access to the main workings. The central portion of the claims could be accessed off the Mud Lakes - Swartz Lake road, the northern most portion of the property would require helicopter access.

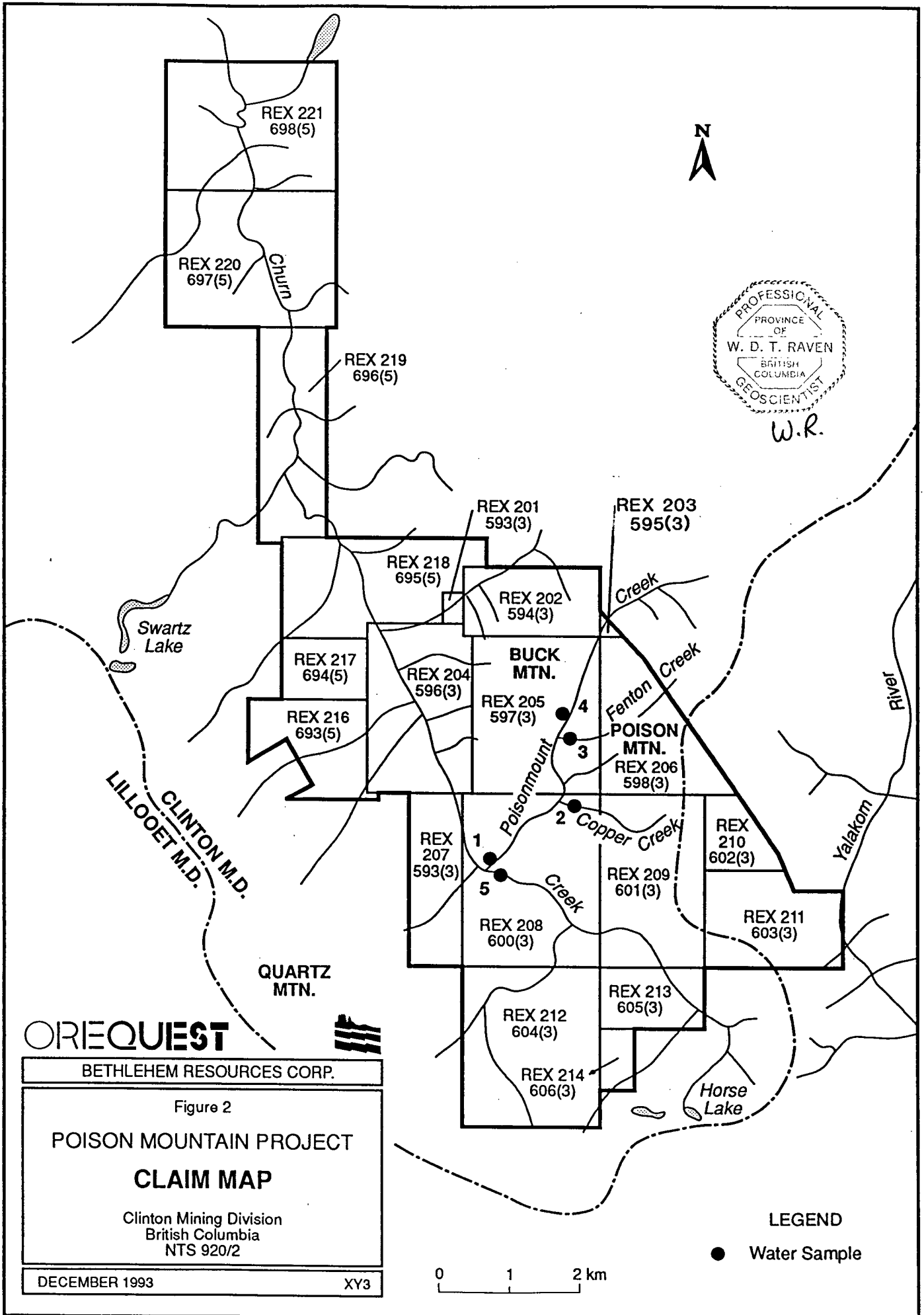
#### TOPOGRAPHY, VEGETATION AND PHYSIOGRAPHY

The Poison Mountain project area flanks the upper reaches of Churn Creek to near its confluence with Dash Creek. Elevations range from approximately 1,460 metres in the Churn Creek and Yalakom River valleys to 2,250 metres on the top of Poison Mountain.

Most of the property is covered by mature stands of pine forest, the trees are well spaced with very little underbrush. Vegetation is denser on the valley bottoms with spruce and willow more prevalent. Bare alpine slopes are found on Buck and Poison Mountains. Outcrop exposure is quite varied.

#### CLAIM STATUS

The Poison Mountain property consists of 20 minerals claims totalling 250 units (Figure 2) registered in the Clinton Mining Division. Bethlehem Resources Corporation has agreed to a lease



**ORIEQUEST**

BETHLEHEM RESOURCES CORP.

Figure 2

**POISON MOUNTAIN PROJECT**

**CLAIM MAP**

Clinton Mining Division  
British Columbia  
NTS 920/2

DECEMBER 1993

XY3

0 1 2 km

**LEGEND**

● Water Sample



with an option to purchase the property from Lac Minerals Ltd. of Toronto. The lease, which is renewable for up to twenty years, has an initial term of five years during which Bethlehem must keep the claims in good standing and perform at least \$50,000 of exploration by the end of 1994. Bethlehem may, at its option, terminate the lease or purchase all interest in the property for \$3.0 million, payable in cash and shares, plus a 1.5% Net Smelter Royalty. Pertinent claim information is listed on Table 1 and does not include assessment credits earned during the current work program.

**TABLE 1: CLAIM INFORMATION**

CLAIM	TENURE	UNITS	AREA (H)	RECORD DATE	EXPIRY DATE
REX 201	207945	1	25	MAR 07/80	MAR 07/99
REX 202	207946	8	200	MAR 07/80	MAR 07/94
REX 203	207947	1	25	MAR 07/80	MAR 07/99
REX 204	207948	15	375	MAR 07/80	MAR 07/94
REX 205	207949	20	500	MAR 07/80	MAR 07/99
REX 206	207950	20	500	MAR 07/80	MAR 07/99
REX 207	207951	10	250	MAR 07/80	MAR 07/99
REX 208	207952	20	500	MAR 07/80	MAR 07/97
REX 209	207953	15	375	MAR 07/80	MAR 07/99
REX 210	207954	9	225	MAR 07/80	MAR 07/99
REX 211	207955	15	375	MAR 07/80	MAR 07/99
REX 212	207956	20	500	MAR 07/80	MAR 07/97
REX 213	207957	6	150	MAR 07/80	MAR 07/99
REX 214	207958	2	50	MAR 07/80	MAR 07/99
REX 216	207961	12	300	MAY 30/80	MAY 30/94
REX 217	207962	6	150	MAY 30/80	MAY 30/94
REX 218	207963	18	450	MAY 30/80	MAY 30/94
REX 219	207964	14	350	MAY 30/80	MAY 30/94
REX 220	207965	20	500	MAY 30/80	MAY 30/94
REX 221	207966	20	500	MAY 30/80	MAY 30/94
		252	6,250		

## PROPERTY HISTORY

The property has been explored by various operators since 1956. Prior to 1956, limited exploration of the copper potential was conducted between 1935 and 1956. Gold claims were recorded on Poison Mountain in 1935. Exploration work since 1956 has consisted of geological mapping, stream sediment and soil geochemistry surveys, geophysical surveys including induced polarization (IP), and magnetometer, as well as trenching and percussion and diamond drill holes.

The previous surveys have provided detailed coverage over the area of known mineralization. The stream sediment survey was completed within approximately a 10 kilometre radius of the Copper Creek Zone. Drilling has been extensive and totals 38,400 metres in 397 holes, subdivided as follows: 17,264 metres in 129 holes of diamond drilling, and 21,131 metres in 268 holes of percussion drilling.

The various drill programs have outlined a mineable mineral resource of 280 million tonnes grading 0.261% copper, 0.007% molybdenum, 0.142 g/t gold and 0.514 g/t silver. A 1982 preliminary feasibility study by Kilborne et Associates Ltee. for Lac Minerals Ltd. indicated that the reserve was sub-economic at the prevailing metal prices of \$1.00/lb copper and assuming a 90% recovery rate and a 25% smelter charge.

## REGIONAL GEOLOGY

The Poison Mountain deposit area lies within Lower Cretaceous Jackass Mountain Group sedimentary rocks which consist of sandstone, shale and conglomerate. The Jackass Mountain Group lies within a Jurassic-Cretaceous volcanic and sedimentary rock sequence flanking the east side of the Coast Mountain Intrusive complex. These are typical of the rocks found northeast of the Yalakom fault. Stratigraphic correlation is difficult due to the lack of a distinct marker horizon and the lack of outcrop exposure as well as lateral facies changes in the rock type.

At Poison Mountain, three main porphyry intrusions have been identified and include biotite-diorite porphyry, hornblende diorite porphyry and granodiorite. These intrusions have locally hornfelsed the sediments in the Copper Creek and Fenton Creek areas.

The regional geology is complicated by numerous faults which dissect the area into blocks. The major structural feature of the area is the northwest trending Yalakom fault, southwest of Poison Mountain, a right lateral transcurrent fault believed to have an offset of 200 kilometres. The Hungry Valley thrust fault runs sub-parallel to the Yalakom fault approximately 5-10 kilometres to the northeast.

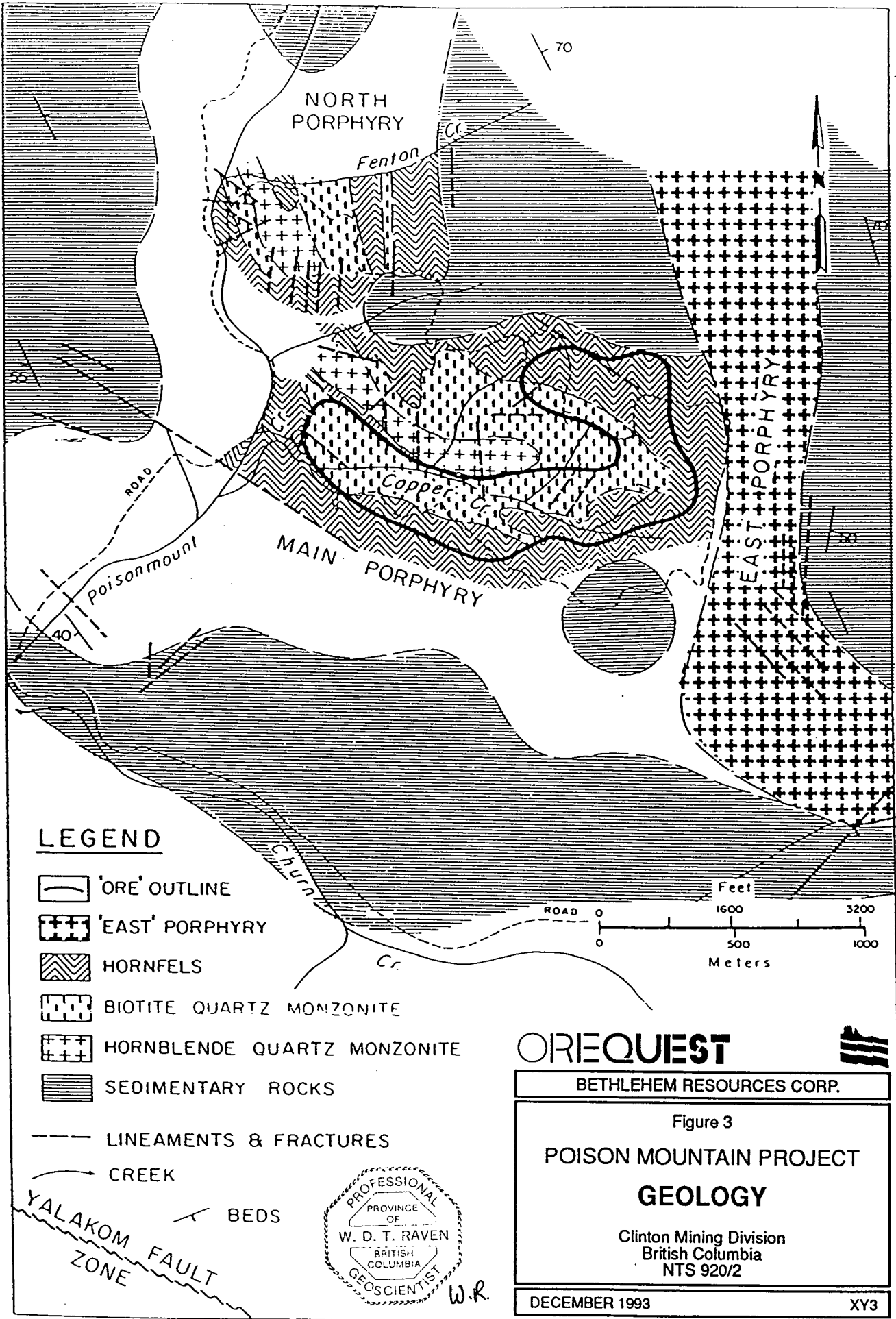
East of Poison Mountain, the sedimentary rocks with a minor volcanic component, have been folded into an open northwest-southeast trending syncline. A tentative parallel anticline may exist to the southwest with its axis cutting Poisonmount Creek near the junction with Copper Creek.

#### PROPERTY GEOLOGY

The property geology discussion is limited to the area around the main workings in the central portion of the claims (Figure 3). The author has not visited the northern and southern portions of the claim group and is not familiar with the geological details of those areas. Much of this discussion is a summary of data compiled by various authors who have worked the property over the years.

The majority of the area around the Poison Mountain deposit is underlain by sedimentary rocks of the Jackass Mountain Group which consist of sandstones, shales and conglomerates. These in turn have been intruded by dioritic porphyry intrusions.

The sandstones are primarily feldspathic greywackes and lithic greywacke, grey to green in color with a massive texture and poorly defined bedding features. They comprise the majority of observed sedimentary rocks. The greywackes, and lessor siltstone close to the porphyry intrusions and conglomerate, have been hornfelsed to a dark grey to black rock which is generally finer grained and darker colored than the less altered greywackes.



The porphyry intrusions consist of feldspar-biotite porphyry and feldspar-hornblende porphyry, which are contained within the main area of copper mineralization with a granodiorite intrusive located east of the main zone of mineralization.

#### DIAMOND DRILLING

The drilling program was conducted in three areas: the Fenton Creek Zone, Anomaly B and the Copper Creek Zone. Eight holes totalling 2,112.20 metres (6,928 feet) were completed on the Fenton Creek Zone, one hole (PM-93-6) 86.28 metres (283 feet) on Anomaly B and one hole (PM-93-10) 370.43 metres (1,215 feet) on the Copper Creek Zone. In summary, 10 holes totalling 2,568.91 metres (8,426 feet) were drilled on the project (Figures 4). The drilling was performed by F. Boisvenu Drilling Ltd. of New Westminster, B.C., utilizing a BBS 37 drill, core size was NQII. Acid tests for dip variance were performed on all holes except PM-93-6. All hole locations, except PM-93-10, were surveyed by Bennett Surveys of North Vancouver, B.C. The location of PM-93-10 was determined by compass and hipchain from nearby holes.

A summary of all pertinent drill hole data is given on Table 2. Azimuths are not applicable for the vertical holes.







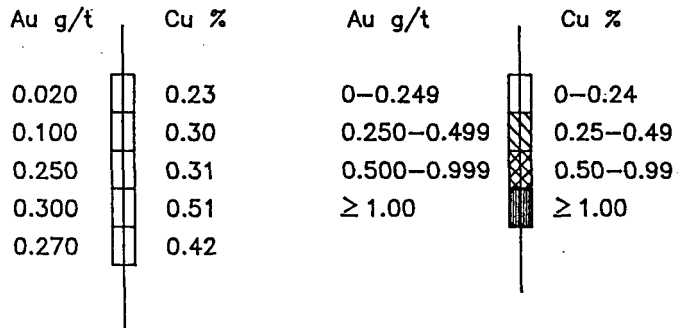
# P O I S O N   M O U N T A I N

## L E G E N D

- △ DDH    Drill Hole Location & Number: Vertical Hole
- △-D<sup>H</sup>    Drill Hole Location & Number: Inclined Hole
- Water Sample
- Soil Sampling Lines, 1993
- Geological Contact
- .....    Area of Higher Grade Mineralization

### G E O L O G Y

- Grey        Greywacke
- Horn        Hornfels
- PPBI        Biotite Porphyry
- PPB        Biotite-Hornblende Porphyry
- PPHo        Hornblende Porphyry
- FP         Feldspar Porphyry
- FQP        Feldspar-Quartz Porphyry
- Grey/Horn    Greywacke/Hornfels



WR

FIGURE 5

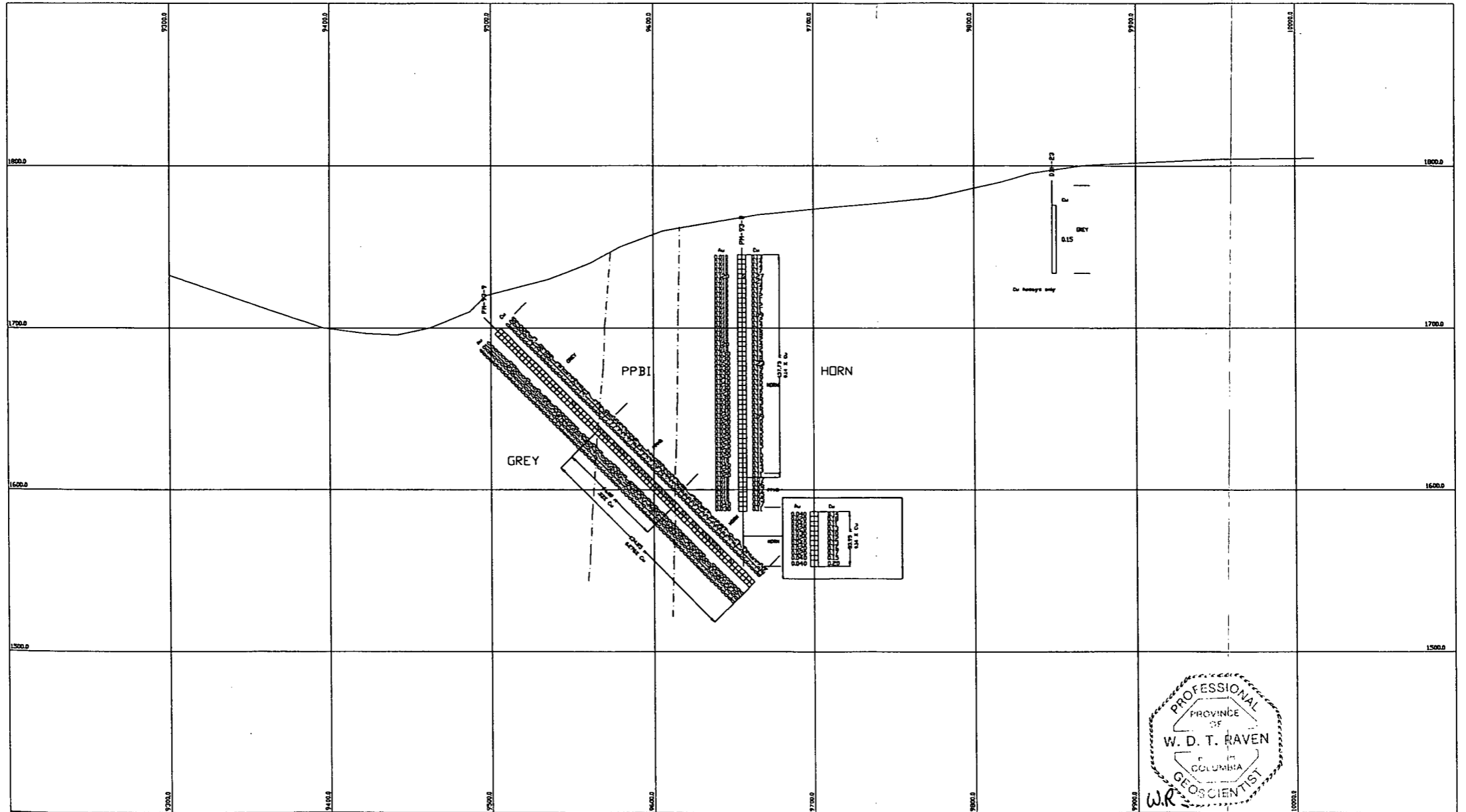
TABLE 2: SUMMARY OF DRILL HOLE DATA

HOLE #	ZONE	LENGTH (m)	AZIMUTH	DIP	NORTHING	EASTING	ELEVATION (m)
PM-93-1	FENTON	273.48	N/A	-90	10726.8	9657.7	1772.4
PM-93-2	FENTON	268.90	N/A	-90	10749.2	9804.2	1787.5
PM-93-3	FENTON	251.83	090°	-45	10669.6	9515.7	1722.1
PM-93-4	FENTON	273.48	N/A	-90	10791.6	9675.6	1770.3
PM-93-5	FENTON	355.79	N/A	-90	10648.7	9679.8	1778.8
PM-93-6	ANOMALY B	86.28	180°	-45	10135.9	8908.5	1759.6
PM-93-7	FENTON	258.23	N/A	-90	10752.4	10169.6	1853.3
PM-93-8	FENTON	196.95	N/A	-90	10534.0	9655.0	1749.5
PM-93-9	FENTON	233.54	090°	-45	10613.6	9495.6	1706.5
PM-93-10	COPPER CK	370.43	360°	-60	9609	10522	1761

The entire holes were split in 3 metre intervals (except the very top and bottom of the holes) and sent to Vangeochem Labs Ltd. for analysis for gold and copper. Silver and molybdenum were also part of the initial analysis, but were cancelled after hole 4 when no significant results had been obtained to date. The results will be discussed with each hole.

#### Fenton Creek Zone

This zone was the primary focus of the drilling program with 8 holes (PM-93-1, 2, 3, 4, 5, 7, 8, 9) totalling 2,112.20 metres (6,928 feet) completed in this area. A previous hole, N-21, indicated copper and gold values well in excess of the average grade obtained from the Copper Creek Zone. The program was intended to test the size potential of this apparent higher grade gold portion of the zone. All intervals reported are core widths; not enough geological information is available to determine if the intervals are true widths. For clarity on relevant sections, hole

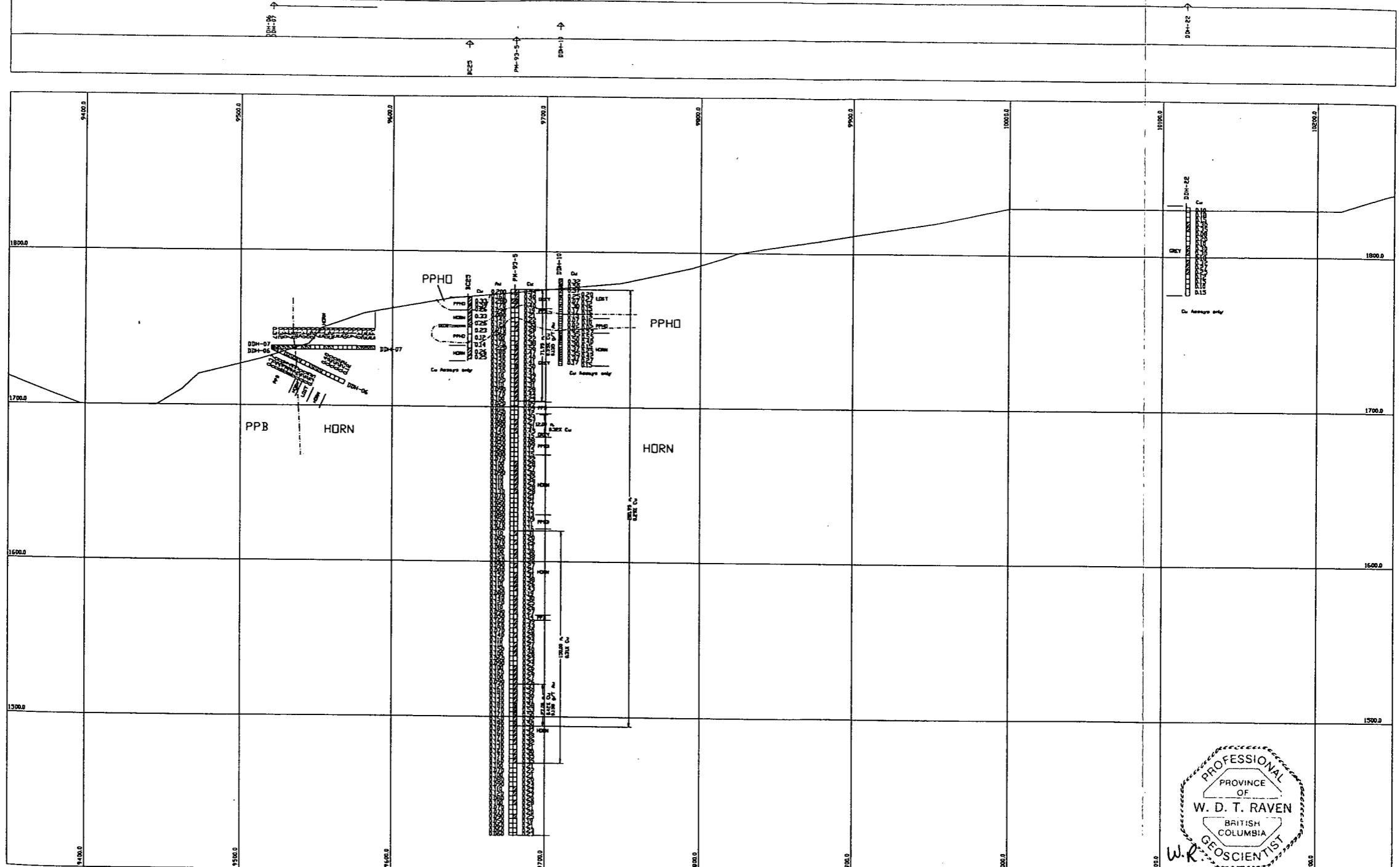


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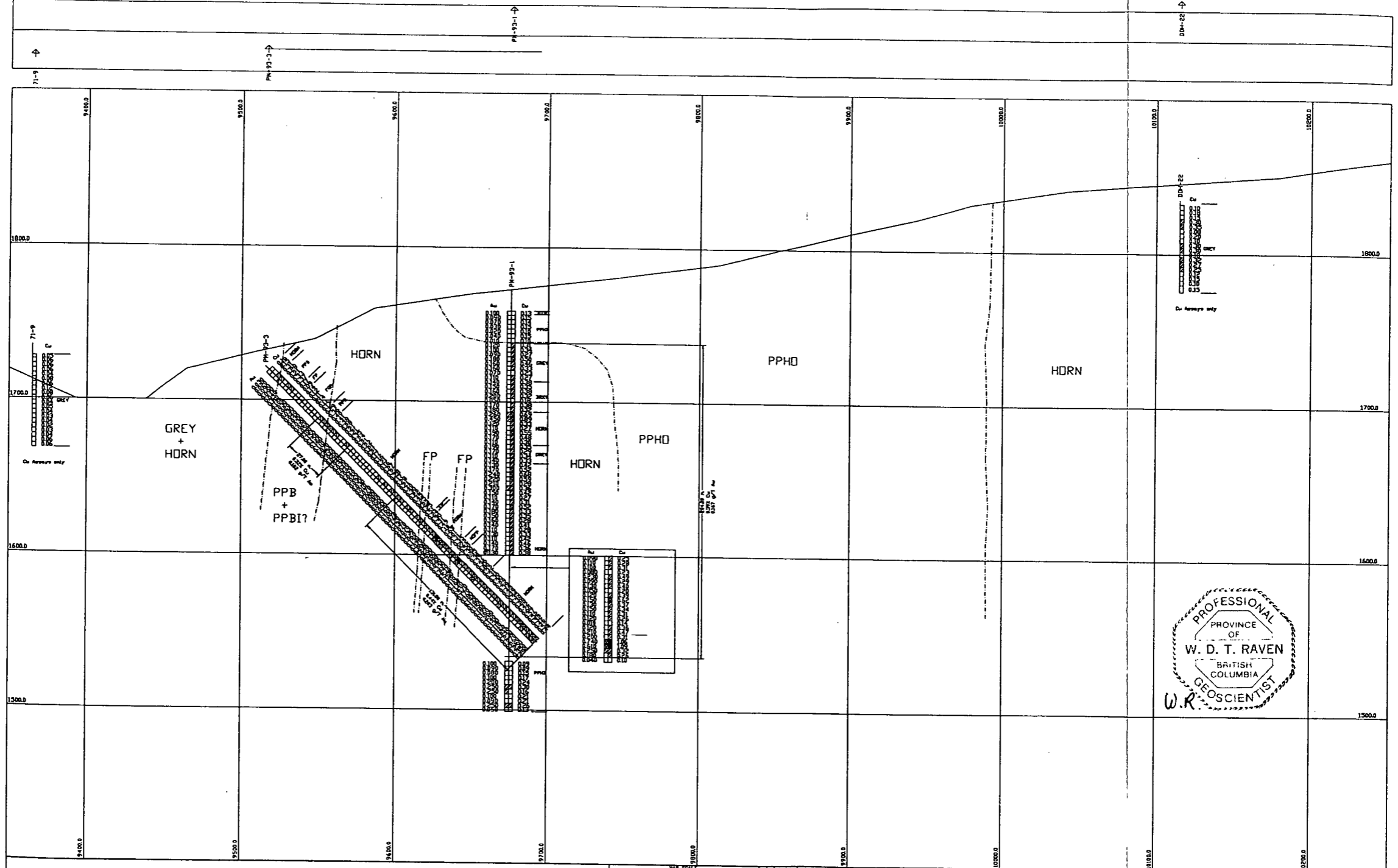
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BETHLEHEM RESOURCES LTD.  
 POISON MOUNTAIN PROJECT

CROSS SECTION  
 10600 N  
 FIGURE 6



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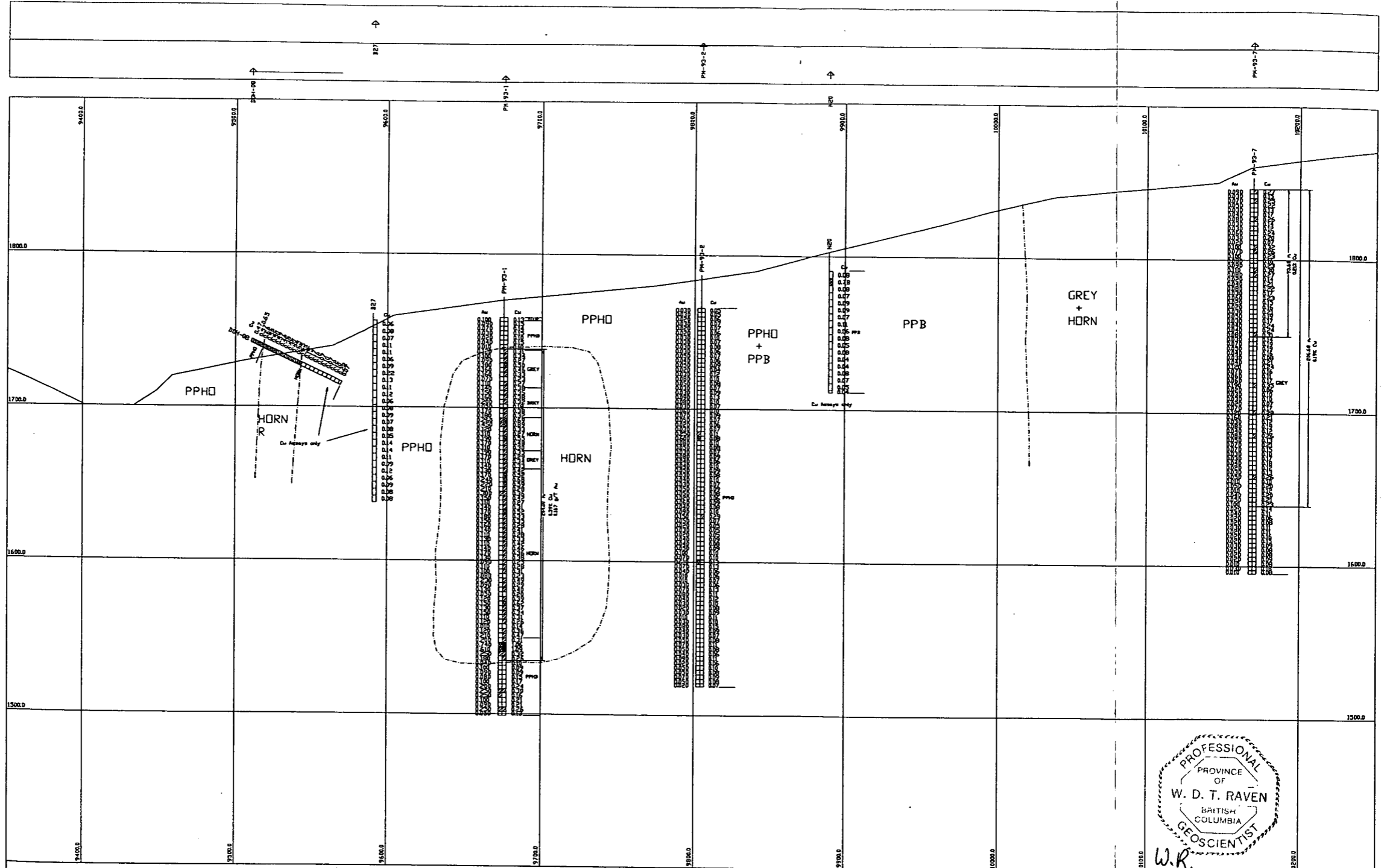
  

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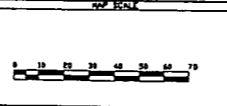
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 POISON MOUNTAIN PROJECT

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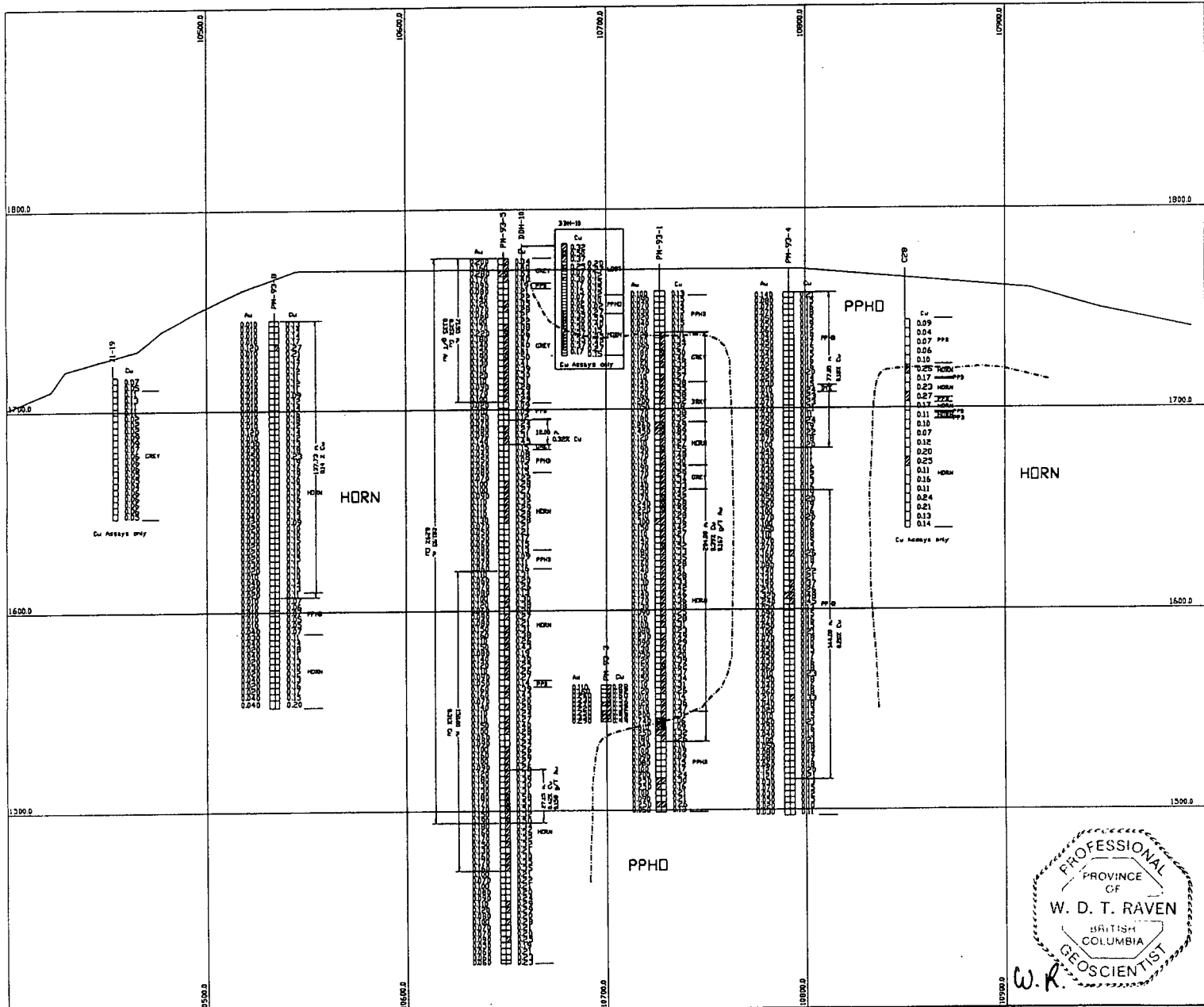
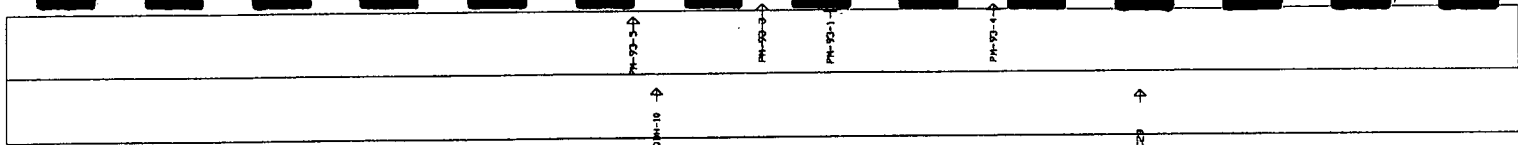
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FIGURE 9





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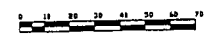
  

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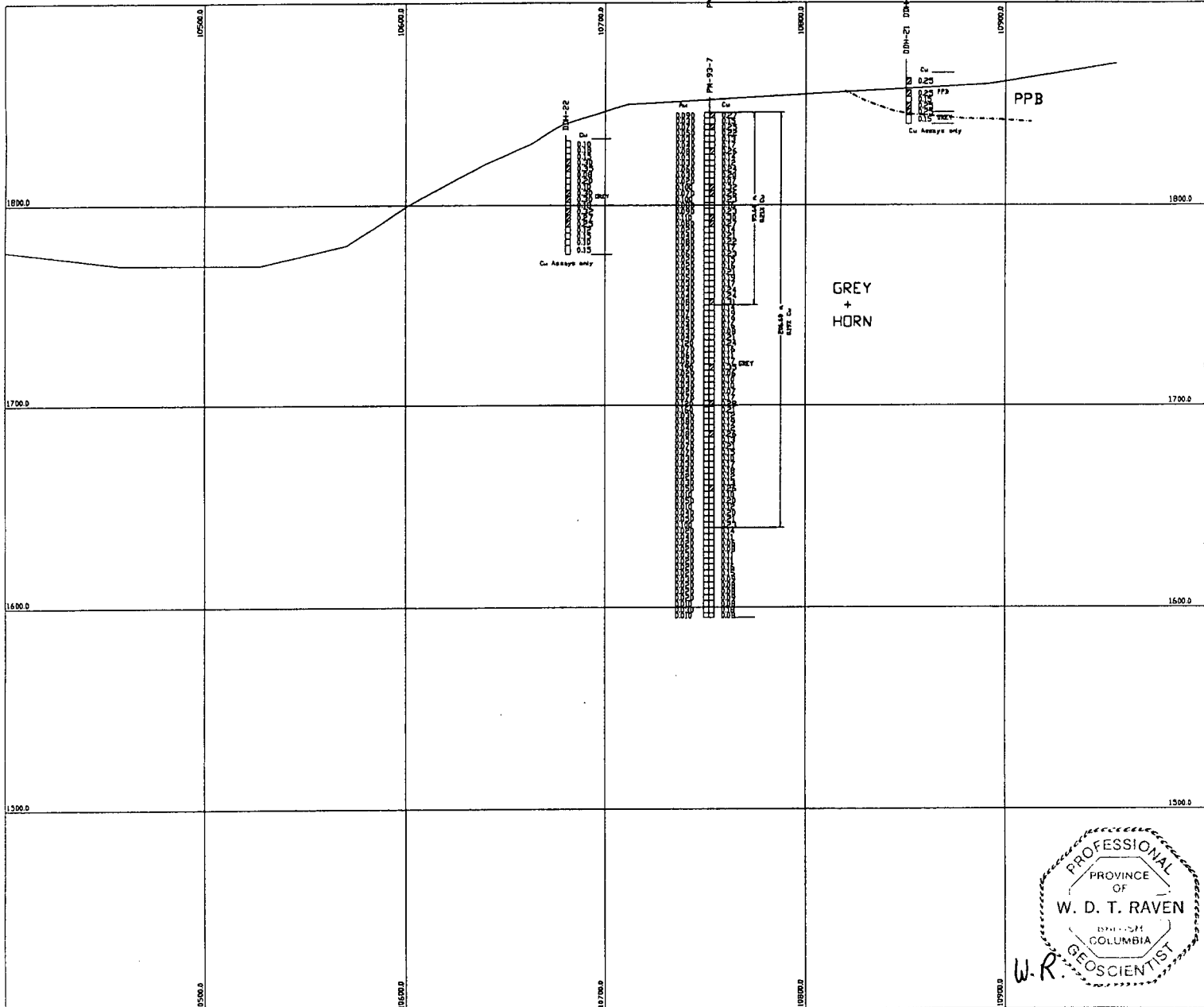
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POISON MOUNTAIN PROJECT

CROSS SECTION  
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MAP INDEX NUMBER: \_\_\_\_\_ SCALE: \_\_\_\_\_ DRAWING NUMBER: **FIGURE 10**







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MAP SCALE 	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>MADE BY</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	NO.	DATE	MADE BY	DESCRIPTION																	BETHLEHEM RESOURCES LTD. POISON MOUNTAIN PROJECT	CROSS SECTION 10150 E
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			FIGURE 12																				

N-21 has been omitted and only PM-93-1 is shown, as the two holes are less than 1 metre apart and contain virtually identical information.

PM-93-1 (Sections 10700N, 10750N and 9700E)

This hole was collared in the same location as hole N-21 and was intended to confirm the higher gold grades. The gold values from N-21 were done as composite samples from the pulps combining three samples. Hole N-21 intersected 208.78 metres of 0.39% copper and 0.38 g/t gold. Hole PM-93-1 intersected predominately greywacke/hornfels. Minor feldspar-biotite-hornblende porphyry was observed at the top of the hole to 34.5 metres and at the bottom of the hole from 223.08 metres to 273.48 metres. Minor feldspar-biotite-hornblende porphyry dykes were found throughout the hole (Figures 8, 9 and 10).

The hole was well mineralized throughout the greywacke/hornfels sequence and into the upper and lower contacts with the porphyry unit. Copper mineralization consists of predominately chalcopyrite as disseminations and fracture fillings and also occurs as minor disseminated bornite. Results were 0.39% copper and 0.167 g/t gold over 204 metres (669 feet) from 34 to 238 metres. The composite copper grade is virtually the same as that received from hole N-21, the gold values are lower than those from N-21. A high grade portion of PM-93-1 over 6 metres from 226 to

232 metres assayed 1.075% copper and 0.675 g/t gold; good bornite was found throughout this interval.

PM-93-2 (Sections 10750N, 9850E)

This hole is located as a 120 metre stepout east of the PM-93-1 hole and encountered barren feldspar-hornblende porphyry throughout its length. No encouraging results were obtained, copper assays were generally in the 0.05 to 0.10% range. Only one interval exceeded 0.2% copper, that being 0.29% copper from 156 to 159 metres (Figures 9, 11).

PM-93-3 (Section 10700N)

Hole 3 was located approximately 175 metres west of PM-93-1 and drilled to the east at  $-45^{\circ}$  dip, toward hole PM-93-1. The hole was stopped when it reached the projected intersection with PM-93-1. The two holes do not actually intersect as PM-93-3 is approximately 35 metres south of PM-93-1, but they do intersect the same north-south section line. The hole encountered various porphyry phases through to 55.60 metres then was largely in hornfels to the end of the hole. Minor porphyry dykes, 2 to 6 metres in length, were observed throughout (Figure 8).

Good results were obtained from this hole. The upper porphyry units were not well mineralized, better mineralization occurred in the feldspar-biotite-hornblende porphyry above the greywacke and into the upper portion of the greywacke. The interval from 48 to

75 metres averaged 0.32% copper and 0.102 g/t gold over 26 metres (88.5 feet). The lower portion of the hole returned some of the best copper and gold results of the program. The interval from 120 to 251.83 metres assayed 0.44% copper and 0.203 g/t gold over 131.83 metres (432 feet). Within this interval is a high grade section from 153 to 180 metres which assayed 0.67% copper and 0.303 g/t gold over 27 metres (88.5 feet).

The hole ended in good mineralization, averaging 0.48 copper and 0.251 g/t gold over 23.83 metres (78 feet) from 228 to 251.83 metres. Mineralization intersected in PM-93-1 in the area of PM-93-3 at approximately 217 metres down hole PM-93-1 was comparable (Figure 8). Results from 217 to 226 metres in PM-93-1 average 0.38% copper over 9 metres with a high grade portion of 1.075% copper over 6 metres from 226 to 232 metres. The results imply that a higher grade zone of copper mineralization exists at this depth in both holes.

#### PM-93-4 (Section 9700E)

This hole was collared as a 75 metre stepout north of PM-93-1 and encountered feldspar-hornblende-biotite porphyry throughout its length. The results received from this hole were generally low although the assays were higher than those from PM-93-2 and include 0.18% copper over 77.81 metres (255 feet) from 12.19 to 90 metres and 0.20% copper over 144 metres (472 feet) from 111.00 to 255 metres. No encouraging gold assays were received. The only

potentially economic copper mineralization is 0.39% copper over 12 metres (39 feet) from 156 to 168 metres (Figure 10).

PM-93-5 (Sections 10650N, 9700E)

Hole 5 was collared 75 metres south of PM-93-1 between old holes BC-25 and DDH-10, both of which returned encouraging copper values. The hole encountered minor intercalated greywacke and porphyry at the top of the hole and then mostly greywacke/hornfels to the bottom of the hole. There were three major feldspar-hornblende porphyry dykes within the hornfels ranging from 8 to 12 metres in width (Figures 7, 10).

Results from this hole were good and are summarized below. Copper mineralization occurs throughout the hole except from the three feldspar-hornblende porphyry dykes.

**TABLE 3: DRILL HOLE PM-93-5 ASSAYS**

INTERVAL (m) from to	LENGTH (m)	LENGTH (feet)	Cu%	Au g/t
3.05- 75	71.95	236	0.35	0.135
84 - 96	12	39	0.32	
111 -147	36	118	0.25	0.158
159 -309	150	492	0.31	
258 -285	27	88.5	0.42	
3.05-285	281.95	925	0.29	
3.05-355.79	352.74	1157	0.28	

## PM-93-7 (Sections 10750N, 10150E)

This hole was drilled away from the main part of the Fenton Creek Zone, approximately 475 metres east of PM-93-1. It lies halfway between old holes DDH-21 and DDH-22, both of which returned some anomalous copper assays, though neither hole was very deep. Hole PM-93-7 encountered greywacke/hornfels throughout its entire length with minor sections of intercalated hornfels and intrusive material in the upper part of the hole to 83.83 metres (Figures 9 and 12).

Results were somewhat low and disappointing and include 0.21% copper over 95.68 metres (314 feet) from 7.32 metres to 103 metres and 0.19% copper over 206.68 metres from 7.32 metres to 214 metres. The only potential composite of somewhat higher values is 0.25% copper over 21 metres (69 feet) from 43 to 64 metres. No encouraging gold assays were received.

## PM-93-8 (Sections 10600N, 9700E)

Greywacke/hornfels was encountered throughout the entire hole except for one section of feldspar-hornblende porphyry from 139.40 to 160.32 metres. The one significant feature of this hole is the increased pyrite content which averaged 4 to 6% throughout the hole. Pyrite content was somewhat lower in the greywacke/hornfels below the porphyry unit (3 to 4%) and only 2% in the porphyry unit itself (Figures 6 and 10).



Results were low and include 0.14% copper over 137.73 metres (452 feet) from 4.27 to 142 metres and 0.14% copper over 33.95 metres (111 feet) from 163 to 196.95 metres. No encouraging gold assays were obtained.

PM-93-9 (Section 10600N)

This hole was collared approximately 90 metres south-southwest of PM-93-3, and was drilled to the east at a  $-45^{\circ}$  dip. The hole predominately encountered greywacke/hornfels throughout its length, except one large section of feldspar-biotite  $\pm$  hornblende porphyry from 100.10 to 162.28 metres. A unique rock type in this hole is a banded greywacke/hornfels from 33.00 to 81.00 metres which was not encountered in any of the other holes. The unit did not contain any encouraging mineralization (Figure 6).

Encouraging copper mineralization occurs at the beginning of the feldspar-biotite  $\pm$  hornblende porphyry and includes 0.32 copper over 66 metres (216 feet) from 99 to 165 metres. The hornfels below this averages 0.23% copper over 68.54 metres (225 feet) from 165 to 233.54 metres including 0.26% copper over 45 metres (147 feet) from 165 to 210 metres. A composite assay of the two units averaged together yields 0.29% copper over 111 metres (364 feet) from 99 to 210 metres. Gold values were low, averaging less than 0.1 g/t over the 111 metre interval.

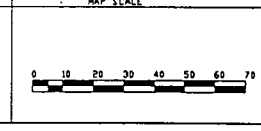
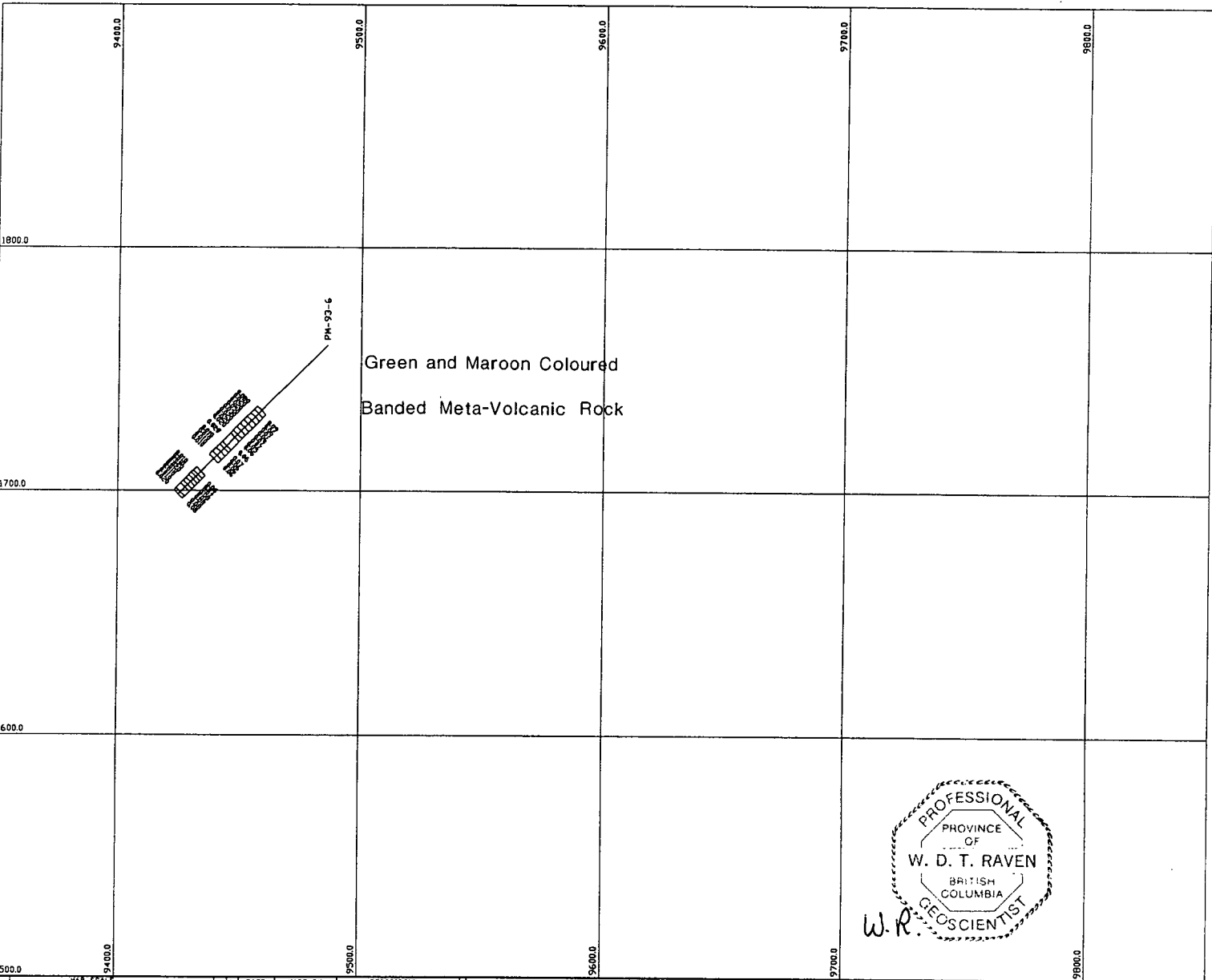
#### Anomaly B (Section 8900E)

One hole, PM-93-6 was collared on this area to test a gold soil geochemical anomaly with coincident IP anomaly. This hole was drilled to the south at a  $-45^{\circ}$  dip. Considerable problems were encountered when drilling commenced, the rock throughout the length of the hole was completely shattered. It became necessary to ream the tricone constantly to stabilize the hole, with some sections of no recovery. Ultimately, the hole was abandoned at 86.28 metres (283 feet) before reaching the target depth. The hole was drilled either through a large fault zone or it was right down dip along the bedding plane as the banding was down the long core axis (Figure 13).

One rock type was encountered, that being a pale green and maroon colored banded rock believed to be volcanic in origin. The IP anomaly can be explained by the pyrite and pyrrhotite content of the hole which averaged approximately 2% as fine disseminations, no other sulphide minerals were observed. There were no significant assays from this hole with gold ranging from 10 to 80 ppb, and copper from 0.05 to 0.09%. The surface geochemical anomalies remain unexplained.

#### Copper Creek Zone (Sections 10500E, 10530E, 10560E)

One hole, PM-93-10, was completed on this zone to confirm the copper and gold grades obtained from previous drilling and to test the continuity of mineralization at depth. Many of the old holes



NO	DATE	MADE BY	DESCRIPTION
1			
2			
3			
4			
5			

DATE	DRAWN BY	CHECKED	APPROVED
12-15-93			

BETHLEHEM RESOURCES LTD.  
POISON MOUNTAIN PROJECT

OFFICE: \_\_\_\_\_ DEPARTMENT: \_\_\_\_\_

CROSS SECTION  
8900 E

MAP INDEX NUMBER	SCALE	DRAWING NUMBER
	1:2500. M	FIGURE 13



0 10 20 30 40 50 60 70 FEET		REVISIONS NO. DATE MADE BY DESCRIPTION	12-09-93	BETHLEHEM RESOURCES LTD. POISON MOUNTAIN PROJECT	CROSS SECTION 10500 E	SHEET NO. 14 OF 14	DRAWING NUMBER 10500 E	SCALE AS SHOWN	DRAWING NUMBER FIGURE 14
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were drilled to a set footage and stopped, regardless of mineralization; the past assumption being that the grade remained relatively the same to an undetermined depth. Additionally, the copper grades received from the Fenton Creek Zone appeared to be consistently higher than those obtained in the past when comparing holes from similar locations. It was felt, that if modern assaying and/or drilling techniques (ie. better recovery) were in part responsible for this apparent increase in grade, then a corresponding increase in grade in the Copper Creek Zone, could have significant implications.

Hole PM-93-10 was collared in the southern portion of the deposit and drilled to the north at a  $-60^{\circ}$  dip. The hole was spotted between old holes that had good copper and gold grades as it was felt it was best to compare areas of higher grade mineralization. The hole encountered minor feldspar-biotite porphyry intercalated with greywacke/hornfels to 46.40 metres then predominately greywacke/hornfels to 200.35 metres. From 200.35 to 243.54 metres is more intercalated greywacke/hornfels and feldspar-biotite porphyry then greywacke from 243.54 to 330.05 metres and intercalated greywacke and feldspar-biotite porphyry from 330.05 to 342.05. The hole bottomed in feldspar-biotite-hornblende porphyry from 342.03 to 370.43 metres (Figures 14, 15, 16).

Results from this hole are similar to those obtained from past holes in the same area. Grades remain relatively consistent to

approximately 290 metres then gradually decrease. The bottom feldspar-biotite-hornblende porphyry consistently averages < 0.2% copper. Gold assays are similar to slightly lower than those obtained in previous holes from the same area with some local enrichment. The results are summarized below in Table 4.

**TABLE 4: DRILL HOLE PM-93-10 ASSAYS**

INTERVAL (metres)	LENGTH (metres)	LENGTH (feet)	Cu%	Au g/t
13.72-215	201.28	660	0.29	
56-104	48	157	0.33	0.111
134-152	18	59	0.36	0.190
128-245	117	384	0.25	0.181
245-370.43	125.43	411		0.140
128-370.43	242.43	795		0.159
188-215	27	88	0.27	0.258
266-290	24	79	0.28	0.221

#### GEOLOGICAL DISCUSSION - FENTON CREEK ZONE

Drilling on the Fenton Creek Zone has shown the area to be underlain by either greywacke/hornfels or feldspar-biotite porphyry, feldspar-hornblende porphyry or feldspar-hornblende-biotite porphyry. The bulk of the zone is underlain by feldspar-hornblende-biotite porphyry which forms an elliptical shaped pod with an east-west trending long axis. The southern limit of the pod is between 10600N and 10650N and the western limit around 9500E. The 1993 drilling program does not define the northern and eastern surficial limits of the hornblende ± biotite porphyry (Figure 4).



Greywacke with variable degrees of hornfels, occurs to the south and west of the main intrusive body and forms a narrow, northwesterly trending band along the western edge of the Fenton Creek Zone. It is bounded by feldspar-biotite ( $\pm$  hornblende) porphyry to the west with greywacke indicated in old drill holes even further west. A thick (approximately 200 metres) sequence of buried hornfels, below the intrusive, is centralized around PM-93-1 for a radius of approximately 60 metres.

There are numerous porphyry dykes crosscutting the greywacke/hornfels sequence, generally composed of feldspar-biotite-hornblende. The dykes are generally vertically dipping as indicated by angles to core axis and are several metres in width. They are variably mineralized depending upon the composition of the dyke.

Lithologic correlation from hole to hole and section to section is complex. Correlations on these sections are broad generalizations and are intended to show gross lithologies. No attempt was made to correlate the many porphyry dykes as they are too numerous and often do not display sharp core axis angles, though many of the dykes are believed to be vertically dipping. Also, the differentiation between greywacke and hornfels can be vague depending upon the intensity of hornfels alteration which varies from weak to strong.

The bulk of the mineralization is found within the greywacke/hornfels unit in a higher grade core area, bounded by 9450E to 9700E and 10600N to 10750N. The western boundary could be expanded as drill holes west of 9450E are approximately 150 metres apart. This higher grade pod of mineralization is proximal to the greywacke/intrusive contact with grades decreasing eastward into the central core of the intrusive. The mineralization is dominated by pyrite and chalcopyrite with lesser bornite and molybdenum. They occur mainly as fine disseminations and narrow (1 to 3 mm wide) fracture fillings. Some mineralization is emplaced with quartz stringer veins containing pyrite and chalcopyrite; gypsum veins were also observed but these veins usually host only pyrite, no chalcopyrite.

The sulphide content is quite variable from hole to hole, generally averaging 2 to 3%, split evenly between pyrite and chalcopyrite or with pyrite greater in abundance than chalcopyrite. Higher grade sections of copper mineralization occur over several metres and usually contain chalcopyrite with the addition of significant bornite as either fine disseminations or as more massive blotches. Molybdenum is not present in significant quantities and usually constitutes narrow stringer veins or fine disseminations on fractures. Assays indicate that gold and silver are not present in appreciable amounts with assays lower than those received from older holes.

The intrusive units show variable sulphide content, generally lower overall than the sedimentary rocks. The most important, in terms of copper mineralization, is the feldspar-biotite porphyry. This is the unit that hosts much of the reserves in the Copper Creek Zone and is believed to trend northwesterly along the west edge of the Fenton Creek Zone. The unit was not clearly intersected in the drill holes except for possibly in PM-93-9 where a 60 metres section was encountered at depth. It appears to pinch out to the north or does not come to surface, as this same large unit was not encountered in PM-93-3. Grades in this unit are usually > 0.25% copper.

The feldspar-hornblende porphyry is a poorly mineralized unit. It forms a barren core in the Copper Creek Zone and extends northwesterly to the Fenton Creek Zone where it is also barren. Grades from this unit are generally in the 0.1% copper range. The feldspar-biotite-hornblende porphyry also contains mineralization with grades usually in the range of 0.15% to 0.2% copper.

The grades associated with these above porphyry units are a general observation and are not intended to imply a definite quantitative relationship between porphyry rock type and copper mineralization. They are intended as a guide with the biotite porphyry being well mineralized, the hornblende porphyry poorly mineralized and the biotite-hornblende or hornblende-biotite porphyry being somewhere in between. This latter unit contains

better copper mineralization when biotitization is strong and lessor mineralization when it is weak, likely reflecting its proximity to the source of mineralizing solutions which are associated with potassic alteration.

More work is required to fully understand the geological relationships that exist in the Fenton Creek Zone. The relationships between intrusive and sedimentary rocks on the west side of the zone are complex with much intercalation of the two rock types. Also, differentiation of the various porphyritic phases is complicated by the effects of alteration.

Unlike the Copper Creek Zone, the majority of better mineralization on the Fenton Creek area is contained within the greywacke/hornfels. It is not known if this rock type acted as a preferred conduit for mineralized solutions or if it is just a chance occurrence. The abrupt drop in grades north and east on PM-93-1 is surprising given that those holes, PM-93-4 and 2 respectively, were relatively short stepouts for porphyry style mineralization. Additional work would be required to resolve these questions.

#### ALTERATION

The discussion of alteration is based upon observations from the recently completed drill program and largely from information gathered by previous authors who have studied the deposit as a

whole. Much of the information comes from a report by R.F. Brown and E.W. Grove, circa 1983.

The most prominent alterations observed at Poison Mountain are potassic and phyllic, with minor prophyllitic and supergene enrichment also present. Absolute separation of the various alteration events is impossible. The bulk of the copper mineralization is contained in the potassic zone, which is characterized by hornfelsing and biotitization of the sediments and porphyry units. This is characterized by quartz-potassium feldspar veining, sulphide and oxide mineralization and later gypsum (anhydrite) fracture filling. This biotitization gives the hornfelsed sediments their dark black color with biotite a fine grained matrix constituent.

Phyllic alteration overlaps the potassic event and is comprised of sericite-carbonate  $\pm$  chlorite-epidote alteration. It is observed in the plagioclase feldspars and in the groundmass of the sedimentary rocks and the porphyry intrusions. It is believed the phyllic alteration predates the gypsum (anhydrite) fracture filling.

Prophyllitic alteration is found outside the main areas of mineralization affecting the surrounding sedimentary and intrusive rocks. It consists of carbonate, epidote and chlorite with lesser sericite, clay and actinolite.

Supergene alteration is found as a phyllic-prophylic alteration of rocks in the ore zone together with supergene enrichment of the copper mineralization. The weathering and oxidation of the deposit extends only a few metres below surface, averaging about 5 metres thick. The potential for copper oxide ore has been adequately investigated by Lac Minerals. Only one area of enriched copper oxides, the Sheehan Zone, on the east margin of the Copper Creek Zone was located and has been determined by Lac to be too small to be of economic interest.

A program of testing for potassium feldspar alteration was undertaken during the drilling program. The intent was to stain core samples of various rock types and mineralization content from each hole, in conjunction with assay results, to see if a positive correlation could be obtained between degree of potassium alteration and copper content. Adequate facilities for the staining program were not present on site. Given the volatile nature of the chemical used, the work was performed outside in sub-zero temperatures resulting in very slow rates of reaction. Additionally, the solutions froze and did not appear to work after being frozen.

Nonetheless, it is felt that potassium alteration testing will provide valuable information on the alteration assemblage present and should be used to guide further drill programs. It is an inexpensive and quick method of determining if ore is in the

favorable potassic alteration zone. The testing should be performed on the 1993 drill holes in the spring or summer when it can be done outside in warmer conditions without the adverse affects of cold weather. The few samples that were tested when the solutions were first mixed from hole PM-93-5, did show a direct correlation between elevated chalcopyrite content and a positive test result.

#### GEOCHEMISTRY

A soil sampling program was conducted by Bethlehem, largely over the Fenton Creek Zone, Anomaly A - north of Fenton Creek and Anomaly B - southwest of Fenton Creek. The purpose of the program was to locate areas of near surface gold mineralization outside the main areas of known copper mineralization.

A flagged line grid with lines spaced 200 metres apart was established to provide control for the sampling. Samples of the B horizon were collected at a 25 metre spacing where possible. A volcanic ash layer of variable thickness and distribution occurs over the property so sampling crews were instructed to penetrate the ash layer and collect the sample from beneath this layer. All samples were sent to Vangeochem Labs Ltd. for analysis of gold by fire assay with an AA finish and a 25 element ICP package. A total of 425 samples were collected.

A limited soil sampling program was conducted during the drilling program, primarily to fill in areas not covered by the earlier program or to provide more detailed coverage of selected areas. Two areas received additional coverage; one in the southwest area of the grid and the other in the eastern part of the grid. At this time an additional 175 samples were collected.

The southwest grid area received fill-in along lines 87E, 89E, and 91E, all from 103+00N to 90N, 94N, and 97N, respectively. Isolated single station copper anomalies were observed, none of which define any broadly anomalous copper zones. Gold values are not as erratic as copper, a few linear trends are present over 2 to 3 lines (200 to 300 metres).

Four main trends can be seen, as follows: 1) L90N and 92E, 104 to 103+75N; 2) L88E, 89E and 90E at 101+25N; 3) L88, L90E and L92E from 99+75 - 100+00N, and; 4) L88E and 89E from 95+25N to 96+00N. Hole PM-93-6 was collared between trends 2) and 3) with the IP anomaly proximal to trend 3). It is unclear as to whether or not hole 6 intersected trend 3) as the dip of the unit is uncertain.

The area in the eastern portion of the grid received 3 additional lines: L98E, L100E and L102E, all extended from BL 109+00N south to 104+00N. These lines gave coverage over the collar location of hole PM-93-7. Highly anomalous copper assays were returned from these lines, especially lines 98E and 100E from



104+00N to 106+50N with assays from this interval on line 98E ranging from 1,393 to 4,330 ppm and from 390 to 3,842 ppm on L100E. Values are an order of magnitude lower on L102E. Gold values on these lines are also elevated, with values up to 190 ppb gold, especially in the area coincident with the anomalous copper at the southern end of lines 98E and 100E.

The original sampling in this area revealed two other areas of anomalous copper; one on L96E, 110+00N and the other on L98E, 112+25N. These are both spot highs of 1012 ppm and 6391 ppm copper. Gold assays from the original sampling in this area are quite low except for a few isolated spot highs at the north ends of lines 94E and 104E (Figures 17, 18 and 19).

#### WATER SAMPLING

Water sampling was conducted on the major drainages around the main workings to determine the current background levels of trace elements present in the creeks. A total of five samples were collected from the following locations: 1) Poisonmount Creek, upstream of confluence with Churn Creek; 2) Copper Creek, upstream of confluence with Poisonmount Creek; 3) Fenton Creek, upstream of confluence with Poisonmount Creek; 4) Poisonmount Creek, upstream of confluence with Fenton Creek, and; 5) Churn Creek, upstream of confluence with Poisonmount Creek (Figure 2).

The samples were collected using procedures outlined by Analytical Service Laboratories (Appendix III) and delivered to the lab within 24 hours of collection. The results indicate there are no harmful concentrations of any element. There are two samples: 1) Poison upstream Churn, and; 2) Copper upstream Poison, that show minor elevated values of copper and iron which was expected since they drain the deposit itself. These Poison Mountain sample results are within expected parameters for water quality and do not represent any obvious health hazards. The Copper upstream Poison samples is most likely contaminated by seepage from hole 80-P-182 or hole 79-100, one of which is making water that is draining into Copper Creek, although this water does not appear to be contaminating the creeks.

#### CONCLUSIONS, DISCUSSION AND RECOMMENDATIONS

Surface diamond drilling on the Poison Mountain Project has confirmed that higher grade zones of copper mineralization exist within the deposit, the full extent of the zones is not yet delineated. The drilling in the Fenton Creek Zone intersected potentially economic mineralization over significant lengths including 204 metres grading 0.39% copper from PM-93-1 and 131.83 metres grading 0.44% copper from PM-93-3. There does not appear to be a zone of encouraging gold values as grades obtained from this program are in the range of 0.1 to 0.2 g/t.

Drilling focused on the Fenton Creek Zone, a satellite body to the main Copper Creek Zone with 8 holes totalling 2,112.20 metres completed on this area. One hole, 86.28 metres, was completed on Anomaly B, west of the main area of mineralization, and a 370.45 metre hole was drilled in the Copper Creek Zone. In summary, 10 holes totalling 2,568.91 metres (8,426 feet) were drilled on the project.

The 1993 diamond drilling program was successful in outlining new areas of potentially economic copper mineralization, especially in the Fenton Creek Zone, which received the primary focus of exploration. Results obtained indicate the potential for higher grade copper mineralization than was received from the work carried out in the 1960-70's. Partial delineation of a higher grade zone has been established with more work required to determine the southern, eastern and western limits.

The anomalous gold assays obtained in hole N-21 on the Fenton Creek Zone were not repeated on the 1993 drill program. Results from hole N-21 were in the order of 0.35 g/t to 0.70 g/t gold, while results obtained from the 1993 program are more in the range of 0.15 to 0.20 g/t gold. It appears the detection limit used for gold analysis on hole N-21 was not as sensitive as that used in the 1993 program, resulting in higher values than are actually present. However, copper values are higher than the Copper Creek Zone and need to be properly evaluated in determining the economic viability

of this zone. More work would be required to increase the confidence level of drill inferred reserves in the Fenton Creek Zone.

The gold soil geochemical anomalies from Anomaly B, west of the Fenton and Copper Creek Zones, were tested by hole PM-93-6. Severe drilling difficulties were encountered and the hole was abandoned before reaching its target depth. The gold anomalies were not explained and further work would be required to explain them. It is likely that they represent a different exploration target than the porphyry copper mineralization.

The Copper Creek Zone received one drill hole during the 1993 program. This hole was intended to confirm the copper and gold grades received from other holes in this area and hopefully increase them. The copper assays obtained in 1993 are comparable with those from the previous drilling, while the gold assays are similar in the 0.2 g/t range.

Molybdenum and silver do not constitute a significant portion of the mineralization and are unlikely to enhance the economic viability of the project.

Further work is recommended on the property. More drilling is required to fully define the higher grade copper zone of mineralization in the Fenton Creek Zone between 9500E and 9800E.

Drill holes at a 50 metre spacing are required to provide reasonable confidence levels to drill inferred reserves. Additional work would be required to further define an area of enriched copper east of the main Fenton Creek Zone in the area of 10000E and 10200E, where PM-93-7 was drilled. This hole was collared in the lower copper soil geochemical anomalies on line 102E, east of the highly anomalous results received from L98E and L100E. Additionally, these lines should be extended to approximately 102N and lines at 93E to 97E, 99E, 101E, 103E and 104E should be completed from BL109N to 102N to provide complete grid coverage of the area. Magnetometer and VLF-EM surveys should be performed on all lines on this area and integrated with the recently reinterpreted IP data.

The gold soil geochemical anomalies from Anomaly B remain unexplained and thus limited work is required in this area. Magnetic and VLF-EM electromagnetic surveys should be conducted over this portion of the grid and as well as extending lines 88E to 91E to 90+00N with soil sampling and geophysical surveys performed on the extensions. It was intended to complete that work during the drill program but time restraints precluded the completion of the above surveys.

No further work is required on the Copper Creek Zone at this time.

STATEMENT OF COSTS

## Wages:

W. Raven	56 days @ \$315/day	\$ 17,640.00
T. McGowen	58 days @ \$245/day	14,210.00
L. LeBel	7 hours @ \$65/hour	455.00
G. Cavey	8.5 days @ \$350/day	2,975.00
M. Tindall	30.5 days @ \$275/day	8,387.50
S. Robertson	6 days @ \$155/day	930.00
A. Sostad	5 days @ \$130/day	650.00
M. Christofolakos	5 days @ \$120/day	600.00

Diamond Drilling		199,823.99
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## Assays:

Core		19,275.14
Soils		9,630.00
Rock		72.76
Water		2,362.56

## Contractors:

Pemberton Helicopters		1,342.42
Caribou Chilcotin Helicopters		2,470.42
Bennett Surveys		3,900.00
H.A. Simons		535.00
R. Simpson		12,412.00

## Equipment Rental:

Truck	56 days @ \$45/day	2,520.00
Truck		977.04
4 Trax ATV	57 days @ \$40/day	2,280.00
Computer	52 days @ \$25/day	1,300.00

## Miscellaneous Disbursements

Meals, accommodation, field supplies communications, etc.		4,504.37
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## Report costs

	<u>5,755.86</u>
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TOTAL STATEMENT OF COSTS

\$315,009.06

CERTIFICATE

I, Wesley D.T. Raven, of #108-1720 W. 12th Ave., Vancouver, British Columbia hereby certify:

1. I am a graduate of the University of British Columbia (1983) and hold a B.Sc. degree in geology.
2. I am presently retained as a consulting geologist with OreQuest Consultants Ltd. of #306 - 595 Howe Street, Vancouver, British Columbia.
3. I have been employed as an exploration geologist on a full time basis since 1983.
4. I am a Fellow of the Geological Association of Canada.
5. I am a member of the Association of Professional Engineers and Geoscientists of British Columbia.
6. The information contained in this report is based on work done by OreQuest Consultants Ltd. for which I was the field project manager, and information listed in the Bibliography.
7. Neither OreQuest Consultants Ltd. nor myself have or expect to receive direct or indirect interest in the Poison Mountain Project or in the securities of Bethlehem Resources Corp.
8. I consent to and authorize the use of the attached report and my name in the Company's Prospectus, Statement of Material Facts or other public document providing the report is used in its entirety or any summary thereof is approved by the author.

DATED at Vancouver, British Columbia, this 24th day of January, 1994



*Wesley Raven*

Wesley D.T. Raven, P.Ge.

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APPENDIX I

DRILL LOGS



FROM	TO	ROCK TYPE	ALT	POL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Ag ppm	Cu pct	Mo pct
					Fine grained grey coloured rock with some local black hornfels. Cut by grey feldspar porphyry dykes which are up to several metres in width. Unit is weakly to locally moderately magnetic and has weak to moderate pervasive silicification and weak carbonate. Unit is highly fractured and broken throughout, the dykes are also fractured. Local polished slickenside surfaces. Upper contact broken and gradational.									
34.00	37.00	sil,car			-greywacke to 35.85 then Feldspar Porphyry Dyke, greywacke - dyke contact at 70-75 to SCA, moderate chalcocopyrite throughout interval	2	1008	34.00	37.00	3.00	120	1.0	0.31	0.01
37.00	40.00	sil,car			-Feldspar Porphyry Dyke to 39.95m then greywacke, hairline carbonate veins throughout dyke at 70-90 to SCA, good chalcocopyrite throughout and moderately magnetic	2-3	1009	37.00	40.00	3.00	100	0.2	0.34	0.03
40.00	43.00	car,sil			-intensely fractured throughout with strong carbonate alteration, minor gouge and slickensides, lessor sulphides than above interval	1-2	1010	40.00	43.00	3.00	90	0.1	0.27	0.03
43.00	46.00	car,sil			-intensely fractured with strong carbonate alteration in considerable gouge, moderate chalcocopyrite throughout	2-3	1011	43.00	46.00	3.00	180	0.4	0.50	0.01
46.00	49.00	car,sil			-strongly fractured, good chalcocopyrite to 47.10m in stringer veins 1-2mm wide at 80 to SCA, averages 1% chalcocopyrite, 1-2% pyrite and trace moly over interval	3	1012	46.00	49.00	3.00	160	< 0.1	0.46	0.01
49.00	52.00	sil,car			-strongly fractured, minor graphite, moderate chalcocopyrite and pyrite in stringers at 70-85 to SCA	2-3	1013	49.00	52.00	3.00	160	< 0.1	0.33	0.01
52.00	55.00	sil			-strongly fractured, pyrite and chalcocopyrite in stringers at 70-85 and 5-20 to SCA, and as fine disseminations	2-3	1014	52.00	55.00	3.00	70	< 0.1	0.23	0.01
55.00	58.00	sil			-strongly fractured, good chalcocopyrite throughout with lessor pyrite and moly, chalcocopyrite mostly in fracture planes and narrow stringers at 70-90 to SCA	3-4	1015	55.00	58.00	3.00	110	0.1	0.27	0.01
59.20	78.92				SEMI - BRECCIATED ZONE (GREYWACKE AND BIOTITE PORPHYRY (HORNFELS))  Brecciated greywacke cut by Biotite - Hornblende Porphyry Dykes. Fragments are mostly a very hard light - medium green coloured rock - silicified sediment/volcanic ? (very fine grained). Weak to no silicification. Carbonate present as narrow stringers and on fracture planes. Greywacke is magnetic, dykes are non-magnetic. Upper and lower contacts are gradational.									
58.00	61.00	sil,hem			-good chalcocopyrite as fine disseminations and stringers 1-3mm at 75-85 to SCA, little pyrite, moderately fractured	4	1016	58.00	61.00	3.00	140	0.4	0.38	0.01
61.00	64.00	sil,hem			-as above, more intrusive fragments over last 40cm of interval	4	1017	61.00	64.00	3.00	150	0.3	0.35	0.01
64.00	67.00	sil			-weak to moderately fractured, 10% dykes at 50 to SCA up to 40cm wide better sulphides in the hornfels	2-3	1018	64.00	67.00	3.00	160	0.7	0.38	0.01
67.00	70.00	sil			-moderately fractured, 30% intrusive dykes, lessor cpy. than above	2-3	1019	67.00	70.00	3.00	200	0.1	0.32	0.01
70.00	73.00	sil			-moderately to strongly fractured, 10-20% intrusive dykes, gouge and rubble from 70.90-71.34	3	1020	70.00	73.00	3.00	50	0.1	0.18	0.01
73.00	76.00	sil			-strongly fractured, mostly broken rock chips, 10-40% dykes	3	1021	73.00	76.00	3.00	170	0.3	0.38	0.03

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HOLE # : PH-93-1

PAGE # 3 of 6

FROM	TO	ROCK TYPE	ALT	POL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Ag ppm	Cu pct	Mo pct
76.00	79.00			sil	-first 50cm quite broken then competent core, 50% biotite-hornblende porphyry dykes, quartz-carbonate stringers at various attitudes	2-3	1022	76.00	79.00	3.00	180	0.6	0.32	0.01
78.92	100.46				GREYWACKE (HORNPELSED?)  Grey-green colour, massive texture to weakly speckled looking. Has 1-3% quartz +/- carbonate veining mostly at 30-40 to SCA. Sulphide mineralization is mostly chalcopyrite mineralization in small stringers 1-2mm wide at 60-70 to SCA, pyrite also present in veins with both also found as fine disseminations. First really competent core in the hole. Variable but weak silicification. Moderately magnetic throughout, local coarser (2-5mm) magnetite blebs. Pyrite = chalcopyrite = 1-2%.									
79.00	82.00			sil,ep	-as general description, broken core and minor gouge at 79.05-79.40m	3	1023	79.00	82.00	3.00	260	2.3	0.69	0.02
82.00	85.00			sil,ep	-as general description, good chalcopyrite throughout	4	1024	82.00	85.00	3.00	450	2.1	0.89	0.02
85.00	88.00			sil,chl	-as general description, good chalcopyrite, minor moly and magnetite	4	1025	85.00	88.00	3.00	120	1.2	0.33	0.02
88.00	91.00			sil,chl	-as general description, good chalcopyrite, throughout	4-5	1026	88.00	91.00	3.00	110	1.2	0.27	0.01
91.00	94.00			sil,chl	-as general description, massive magnetite band from 91.00-91.10m at approximately 20 to SCA, good chalcopyrite	5	1027	91.00	94.00	3.00	190	1.1	0.55	0.02
94.00	97.00			sil,chl	-as general description, good chalcopyrite	5	1028	94.00	97.00	3.00	170	0.3	0.48	0.01
97.00	100.00			sil,chl	-as general description, at 98.00m is 1-1.5cm wide brecciated carbonate vein (with hornfels fragments) at 70 to SCA	5	1029	97.00	100.00	3.00	110	0.4	0.30	0.01
100.46	112.50				GREYWACKE  Very similar to above unit in appearance but is slightly coarser grained and not quite as hard. Upper contact very diffuse and gradational, lower contact sharper at approximately 60 to SCA. Mineralization is still good chalcopyrite and pyrite as in above unit as are the quartz +/- carbonate stringers									
100.00	103.00			sil,car	-as general description	3-4	1030	100.00	103.00	3.00	140	0.9	0.35	0.01
103.00	106.00			sil,car	-as general description	3	1031	103.00	106.00	3.00	130	0.4	0.29	0.01
106.00	109.00			sil,car	-as general description	3	1032	106.00	109.00	3.00	170	0.1	0.34	0.01
109.00	112.00			sil,car	-as general description	3	1033	109.00	112.00	3.00	240	0.5	0.33	0.01
112.50	223.08				HORNPELSED GREYWACKE  As described 78.92-100.46m but finer grained and slightly darker color. Mineralization is as previously described.									
112.00	115.00			sil	-as general description	3	1034	112.00	115.00	3.00	220	0.2	0.42	0.01
115.00	118.00			sil	-from 114.82-116.50 is a paler greenish colour and is weakly brecciated, rest of interval as general description	3	1035	115.00	118.00	3.00	210	0.4	0.52	0.01

OREQUEST CONSULTANTS LTD.

HOLE # : PM-93-1

PAGE # 4 of 6

FROM	TO	ROCK TYPE	ALT C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Ag ppm	Cu pct	Mo pct
118.00	121.00		sil	-as general description, minor broken core from 118.05-118.10	3	1036	118.00	121.00	3.00	300	1.2	0.68	0.61
121.00	124.00		sil	-as general description, last 20cm is quite broken with gypsum and calcite veining	3	1037	121.00	124.00	3.00	240	1.0	0.59	0.01
124.00	127.00		sil	-as general description, from 124.00-124.80m is anastomosing quartz stringer veins and minor broken core	2-3	1038	124.00	127.00	3.00	120	0.4	0.28	0.01
127.00	130.00		sil	-as general description	2-3	1039	127.00	130.00	3.00	150	0.9	0.36	0.01
130.00	133.00		sil	-as general description, 130.22-130.60m is brecciated, from 132.35-133.00 is 5-8% quartz-carbonate-gypsum veining	2-3	1040	130.00	133.00	3.00	150	< 0.1	0.42	0.03
133.00	136.00		sil	-as general description	2-3	1041	133.00	136.00	3.00	110	0.3	0.27	0.02
136.00	139.00		ser, chl	-as general description, gouge at 136.53m and at 138.86-139.00m	3	1042	136.00	139.00	3.00	140	0.4	0.31	0.02
139.00	142.00		ser	-as general description, moderately fractured throughout	3	1043	139.00	142.00	3.00	170	0.5	0.52	0.01
142.00	145.00		ser	-as general description	3-4	1044	142.00	145.00	3.00	180	0.4	0.33	0.01
145.00	148.00		ser	-as general description	3-4	1045	145.00	148.00	3.00	150	0.7	0.35	< 0.01
148.00	151.00		ser	-as general description	3-4	1046	148.00	151.00	3.00	160	< 0.1	0.28	0.01
151.00	154.00		ser	-as general description, moderately broken to 151.60m	3-4	1047	151.00	154.00	3.00	140	0.2	0.41	0.01
154.00	157.00		ser	-as general description, moderate sericite on fractures	3-4	1048	154.00	157.00	3.00	110	< 0.1	0.28	0.01
157.00	160.00		ser	-as general description, rubble from 157.80-158.00	3-4	1049	157.00	160.00	3.00	130	< 0.1	0.33	0.02
160.00	163.00		ser	-as general description, sericite and gypsum on fractures, very broken from 162.00-162.10m	3-4	1050	160.00	163.00	3.00	110	0.3	0.42	0.01
163.00	166.00		ser	-as general description, weakly brecciated from 164.10-164.87m with chalcopyrite as disseminated blebs	3-4	1051	163.00	166.00	3.00	140	< 0.1	0.46	0.01
166.00	169.00		ser	-as general description, moderately broken to 168.00m	3-4	1052	166.00	169.00	3.00	170	0.3	0.36	0.01
169.00	172.00		ser	-as general description, strong sericite alteration from 171.40-171.65	3	1053	169.00	172.00	3.00	130	0.8	0.38	0.02
172.00	175.00		ser	-as general description, strong sericite in shear zone from 173.61-174.00m	3	1054	172.00	175.00	3.00	90	0.1	0.25	0.01
175.00	178.00		ser	-as general description,	3	1055	175.00	178.00	3.00	110	0.3	0.28	0.01
178.00	181.00		ser	-as general description, moderately fractured from 179.50-181.00	3	1056	178.00	181.00	3.00	100	< 0.1	0.31	0.01
181.00	184.00		ser	-as general description	3-4	1057	181.00	184.00	3.00	80	< 0.1	0.23	0.01
184.00	187.00		ser	-as general description, broken with good chalcopyrite and magnetite from 186.22-186.77m	4	1058	184.00	187.00	3.00	230	0.8	0.49	0.01
187.00	190.00		ser	-as general description, minor quartz-carbonate tension gash infilling	3-4	1059	187.00	190.00	3.00	90	0.4	0.29	0.01
190.00	193.00		ser	-as general description, minor quartz-carbonate tension gash infilling and sericite on fractures	4	1060	190.00	193.00	3.00	130	0.1	0.40	0.01
193.00	196.00		ser	-as above but fewer tension gash infillings	3-4	1061	193.00	196.00	3.00	50	0.3	0.20	0.01
196.00	199.00		ser	-as general description	4	1062	196.00	199.00	3.00	120	0.4	0.39	0.01
199.00	202.00		ser, sil	-as general description, paler colour from 199.00-200.00 (more silica) with good chalcopyrite (3-5%), from 200.80-201.05m is shear zone with broken core chips	4-5	1063	199.00	202.00	3.00	150	< 0.1	0.62	0.01
202.00	205.00		ser	-as general description, coarser grained and semi-brecciated from 204.00-205.00m	3	1064	202.00	205.00	3.00	130	< 0.1	0.37	0.01
205.00	208.00		ser	-as above to 205.25m then as general description with local coarser grained sections	4	1065	205.00	208.00	3.00	150	0.4	0.34	0.01
208.00	211.00		ser	-as general description, from 209.93-210.12m is strong sericite alteration with minor shearing at approximately 20 to SCA, from 210.29-211.28m is Hornblende-Biotite Porphyry Dyke at 70 to SCA	3-4	1066	208.00	211.00	3.00	110	0.6	0.31	0.01

OREQUEST CONSULTANTS LTD.

HOLE # : PM-93-1

PAGE # 5 of 6

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Ag ppb	Cu pct	Mo pct
211.00	214.00		ser		-as general description, moderate sericite on fractures, broken core and gouge from 213.77-213.87m	4	1067	211.00	214.00	3.00	120	0.1	0.26	0.02
214.00	217.00		ser		-as general description, from 216.12-217.22m is Hornblende-Biotite Porphyry Dyke, upper contact at 55 to SCA, lower contact at approximately 10 to SCA, in 2cm gouge	3-4	1068	214.00	217.00	3.00	10	0.2	0.14	0.02
217.00	220.00		ser		-dyke to 217.22m, broken and fractured from 217.00-217.65m from 219.75-220.00m is quartz-sericite-carbonate-chalcocopyrite vein 2-3cm wide at 80 to SCA, good chalcocopyrite throughout vein	3-4	1069	217.00	220.00	3.00	120	0.8	0.36	0.01
220.00	223.00		ser		-quartz-sericite-carbonate-chalcocopyrite vein to 220.53m with good chalcocopyrite throughout vein (5%), rest of interval as general description	4	1070	220.00	223.00	3.00	210	1.6	0.47	0.02
223.00	273.48				<p>PELDSPAR - HORNBLENDE - BIOTITE PORPHYRY</p> <p>Medium grained rock, grey colour. Weak sausseritization of feldspar crystals, minor sericite on fractures, weak chloritization of mafic minerals. Angular hornfels fragments in unit to approximately 230.00m then virtually none. Mineralization consists of chalcocopyrite and pyrite as disseminated blebs with local concentrations in small veins. Very little quartz-carbonate veining relative to above hornfels unit. Gradational upper contact.</p>									
223.00	226.00		ser		-intercalated hornfelsed greywacke to 224.80m then porphyry for rest of interval, better sulphides in hornfels than in porphyry	2	1071	223.00	226.00	3.00	200	1.3	0.31	0.01
226.00	229.00		ser		-as general description, broken core from 227.00-227.30m, at 227.80m is 1.5cm wide carbonate-chalcocopyrite vein with 5-8% chalcocopyrite, from 228.50-229.00m is broken core with more carbonate-chalcocopyrite veining, trace-0.5% bornite	3-4	1072	226.00	229.00	3.00	740	3.6	1.06	0.13
229.00	232.00		ser		-from 229.00-230.00m more broken core with quartz-carbonate-pyrite-chalcocopyrite-bornite veining (+minor gypsum), Sulphides drop considerably below 230.50m, trace-0.5% bornite	3	1073	229.00	232.00	3.00	610	4.3	1.09	0.12
232.00	235.00		ser		-as general description	1-2	1074	232.00	235.00	3.00	250	2.2	0.32	0.05
235.00	238.00		ser		-as general description	1-2	1075	235.00	238.00	3.00	180	0.6	0.26	0.01
238.00	241.00		ser		-as general description, broken core from 238.36-238.46m, minor chalcocopyrite +/- moly veins 1-2cm wide at 50 to SCA	1-2	1076	238.00	241.00	3.00	40	< 0.1	0.10	0.01
241.00	244.00		ser		-as general description, at 242.53m is a 6mm wide quartz-chalcocopyrite vein at 70 to SCA	1	1077	241.00	244.00	3.00	100	0.7	0.09	0.03
244.00	247.00		ser		-as general description	1	1078	244.00	247.00	3.00	90	0.4	0.09	0.01
247.00	250.00		ser		-as general description	1	1079	247.00	250.00	3.00	80	1.7	0.15	< 0.01
250.00	253.00		ser		-as general description	1	1080	250.00	253.00	3.00	100	0.7	0.17	< 0.01
253.00	256.00		ser		-as general description	1	1081	253.00	256.00	3.00	200	1.0	0.24	0.01
256.00	259.00		ser		-as general description, at 256.16 is 1cm gouge vein at 45 to SCA, some blebby chalcocopyrite at 257.90	1	1082	256.00	259.00	3.00	250	0.6	0.27	< 0.01
259.00	262.00		ser		-as general description	1	1083	259.00	262.00	3.00	250	1.5	0.30	< 0.01
262.00	265.00		ser		-as general description	1	1084	262.00	265.00	3.00	100	0.3	0.16	< 0.01



Hole No.	PM-93-2	Northing	10749.2	Core Size	NQ	Depth	Dip	Azimuth	Depth	Dip	Azimuth	Started	SEPT.28,1993	Target	FENTON ZONE
Property	POISON MTW.	Easting	9804.2	Casing	Pulled							Completed	SEPT.30,1993	Comments	
Location	LILLOOET	Elevation	1787.5	Length	268.90							Drill Co.	BOISVENO		
WFS	92-0/2	Latitude		Dip-Collar	-90							Logged By	W. RAVEN		
Claim No		Longitude		Bearing	N/A							Units	METERS		

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppt	Ag ppm	Cu pct	Mo pct
	21.34				OVERBURDEN -Casing pulled									
21.34	268.90				HORNBLENDE - BIOTITE PORPHYRY (DIORITE)  Fine to medium grained rock with a pale greenish-grey colour. Strongly fractured from 21.34-54.00m and from 71.15-84.00m. Oxidized with limonite and traces of malachite on fractures to approximately 33.00m. stringer veins. Unit is soft and broken with local gouge zones. Weak to moderate sausseritization of feldspars. Sericite alteration quite prevalent as greasy greenish-white coating on fractures below 33.00m. Weakly magnetic throughout. Mineralization is rather weak as disseminated blebs of pyrite and chalcopyrite and as narrow stringers. Local quartz +/- carbonate stringer veins at various attitudes. Minor epidote.									
21.34	24.00		ser		-as general description		1088	21.34	24.00	2.66	30	0.4	0.05	<0.01
24.00	27.00		ser		-as general description		1089	24.00	27.00	3.00	20	0.3	0.05	<0.01
27.00	30.00		ser		-as general description, moderate pyrite veining to 28.00m mostly at 20 to SCA		1090	27.00	30.00	3.00	20	0.5	0.06	<0.01
30.00	33.00		ser		-as general description, minor chalcopyrite and bornite at 32.50m		1091	30.00	33.00	3.00	30	0.4	0.07	<0.01
33.00	36.00		ser		-as general description		1092	33.00	36.00	3.00	20	0.6	0.07	<0.01
36.00	39.00		ser		-as general description		1093	36.00	39.00	3.00	20	0.3	0.06	<0.01
39.00	42.00		ser		-as general description, minor moly at 40.00m		1094	39.00	42.00	3.00	30	0.5	0.10	0.01
42.00	45.00		ser		-as general description		1095	42.00	45.00	3.00	30	0.2	0.07	<0.01
45.00	48.00		ser		-as general description, slightly more sulphides, gouge from 47.50-47.90m		1096	45.00	48.00	3.00	30	< 0.1	0.08	<0.01
48.00	51.00		ser		-as general description		1097	48.00	51.00	3.00	30	< 0.1	0.06	<0.01
51.00	54.00		ser,ben		-as general description, minor hematite on fractures		1098	51.00	54.00	3.00	50	0.3	0.07	<0.01
54.00	83.00				Unit has a more mottled appearance of pale green patches caused by increase in sericite alteration									
54.00	57.00		ser		-as general description		1099	54.00	57.00	3.00	40	0.5	0.06	<0.01
57.00	60.00		ser		-as general description		1100	57.00	60.00	3.00	50	0.2	0.09	<0.01



FROM	TO	ROCK TYPE	ALT	POL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Ag ppb	Cu pct	Mo pct
60.00	63.00		ser		-as general description, at 62.37m is a lcm pyrite vein at 30 to SCA	1-2	1101	60.00	63.00	3.00	20	< 0.1	0.04	< 0.01
63.00	66.00		ser		-as general description, at 63.85-63.95m is rubble then a 5mm wide quartz-chalcopyrite vein at 30 to SCA	1-2	1102	63.00	66.00	3.00	30	< 0.1	0.12	< 0.01
66.00	69.00		ser		-as general description, from 66.00-66.16m is rubble followed by a quartz flooded section to 66.65m with minor pyrite, chalcopyrite and moly	1-2	1103	66.00	69.00	3.00	30	0.6	0.10	< 0.01
69.00	72.00		ser		-as general description, at 71.15-71.25m is strong gouge	tr-1	1104	69.00	72.00	3.00	50	1.4	0.08	< 0.01
72.00	75.00		ser		-as general description, highly fractured	tr-1	1105	72.00	75.00	3.00	30	0.6	0.07	< 0.01
75.00	78.00		ser		-Mismatch - 15-20% recovery, mostly as general description but partial recovery of a quartz vein with 20-30% massive pyrite and traces of chalcopyrite and moly, vein at approximately 10-15 to SCA	5	1106	75.00	78.00	3.00	30	0.2	0.09	0.02
78.00	81.00		ser		-as general description, intensely fractured	tr-1	1107	78.00	81.00	3.00	90	0.4	0.13	0.03
81.00	84.00		ser		-as general description, strongly fractured	tr-1	1108	81.00	84.00	3.00	80	0.8	0.10	< 0.01
84.00	87.00		ser		-as general description	tr-1	1109	84.00	87.00	3.00	30	0.2	0.07	< 0.01
87.00	90.00		ser		-as general description, hairline pyrite veins at 35-45 to SCA, minor chalcopyrite from 87.50-88.00m, lcm quartz-gypsum-pyrite vein at 30 to SCA at 88.59m	tr-1	1110	87.00	90.00	3.00	60	0.3	0.10	< 0.01
90.00	93.00		ser		-as general description	tr-1	1111	90.00	93.00	3.00	70	0.2	0.09	< 0.01
93.00	116.00				From here the sericite alteration drops off and a weak pervasive silicification prevails. There is still local sericite but rock is much harder. Unit still looks the same visually except it is finer grained and greener in colour.									
93.00	96.00		sil		-as general description	tr-1	1112	93.00	96.00	3.00	50	0.2	0.07	< 0.01
96.00	99.00		sil,ser		-as general description, silica and sericite increases from 97.00-98.50m with more quartz stringers at 10-20 to SCA	tr-1	1113	96.00	99.00	3.00	20	0.3	0.06	< 0.01
99.00	102.00		sil		-as general description	tr-1	1114	99.00	102.00	3.00	30	0.4	0.07	< 0.01
102.00	105.00		sil		-as general description, from 107.77-107.90m is quartz-sericite-pyrite chalcopyrite flooded section at 20 to SCA	tr-1	1115	102.00	105.00	3.00	250	0.4	0.11	< 0.01
105.00	108.00		sil		-as general description	tr-1	1116	105.00	108.00	3.00	600	0.3	0.08	< 0.01
108.00	111.00		sil		-as general description, from 108.84-109.00m is quartz flooded	tr-1	1117	108.00	111.00	3.00	80	< 0.1	0.10	< 0.01
111.00	114.00		sil		-as general description, from 111.00-112.00m is quartz-sericite enriched but no sulphides	tr-1	1118	111.00	114.00	3.00	50	0.2	0.08	< 0.01
114.00	117.00		sil		-as general description	tr-1	1119	114.00	117.00	3.00	80	0.2	0.07	< 0.01
116.00	268.90				Back into a coarser grained porphyry that is still silicified									
117.00	120.00		sil,ser		-as general description	tr-1	1120	117.00	120.00	3.00	80	0.2	0.09	< 0.01
120.00	123.00		sil,ser		-as general description	tr-1	1121	120.00	123.00	3.00	40	< 0.1	0.06	< 0.01
123.00	126.00		sil,ser		-as general description	tr-1	1122	123.00	126.00	3.00	40	0.5	0.10	< 0.01
126.00	129.00		sil,ser		-as general description	tr-1	1123	126.00	129.00	3.00	50	0.7	0.09	< 0.01
129.00	132.00		sil,ser		-as general description	tr-1	1124	129.00	132.00	3.00	80	< 0.1	0.08	< 0.01
132.00	135.00		sil,ser		-as general description, minor broken core	tr-1	1125	132.00	135.00	3.00	40	< 0.1	0.10	< 0.01
135.00	138.00		sil,ser		-as general description, minor broken core, a few chalcopyrite stringers at 20-30 to SCA, at 136.20m is a 7-8mm wide quartz-pyrite	tr-1	1126	135.00	138.00	3.00	30	< 0.1	0.07	< 0.01

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HOLE # : PM-93-2

PAGE # 3 of 4

FROM	TO	ROCK TYPE	ACT	FOF C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppt	Ag ppm	Cu pct	Mo pct
138.00	141.00	sil,ser			vein with minor sphalerite? at 20 to SCA, from 137.75-138.00m is a 1cm wide quartz vein at 85 to SCA with trace chalcocopyrite -as general description, from 138.00-138.85 is continuation of above vein with locally good chalcocopyrite to 5%, broken core from 139.00-139.50m	tr-1	1127	138.00	141.00	3.00	50	< 0.1	0.09	<0.01
141.00	144.00	sil,ser			-as general description, from 143.10-143.16m is quartz-chalcocopyrite vein with 2-3% chalcocopyrite	tr-1	1128	141.00	144.00	3.00	50	< 0.1	0.08	<0.01
144.00	147.00	sil,ser			-as general description, minor broken sections	tr-1	1129	144.00	147.00	3.00	20	< 0.1	0.06	0.01
147.00	150.00	sil,ser			-as general description, minor quartz-chalcocopyrite veins	tr-1	1130	147.00	150.00	3.00	60	< 0.1	0.09	<0.01
150.00	153.00	sil,ser			-as general description, a few pyrite-chalcocopyrite veins at 80 to SCA	tr-1	1131	150.00	153.00	3.00	40	< 0.1	0.08	<0.01
153.00	156.00	sil,ser			-as general description but noticeable increase in chalcocopyrite as fine stringer veins	tr-1	1132	153.00	156.00	3.00	90	< 0.1	0.10	<0.01
156.00	159.00	sil,ser			-as general description, from 156.00-156.70m is a 1-2cm wide quartz-carbonate-chalcocopyrite vein with up to 10% chalcocopyrite at 85 to SCA, some traces of moly, ends in gouge and rest of interval is strongly broken with carbonate gouge	tr-1	1133	156.00	159.00	3.00	150	< 0.1	0.29	0.01
159.00	162.00	sil,ser			-as general description, moderately fractured	tr-1	1134	159.00	162.00	3.00	50	< 0.1	0.07	<0.01
162.00	165.00	sil,ser			-as general description	tr-1	1135	162.00	165.00	3.00	20	0.4	0.05	<0.01
165.00	168.00	sil,ser			-as general description	tr-1	1136	165.00	168.00	3.00	30	0.2	0.05	<0.01
168.00	171.00	sil,ser			-as general description	tr-1	1137	168.00	171.00	3.00	20	0.3	0.05	<0.01
171.00	174.00	sil,ser			-as general description	tr-1	1138	171.00	174.00	3.00	40	< 0.1	0.09	<0.01
174.00	177.00	sil,ser			-as general description, weakly fractured	tr-1	1139	174.00	177.00	3.00	40	< 0.1	0.08	<0.01
177.00	180.00	sil,ser			-as general description, weakly-moderately fractured	tr-1	1140	177.00	180.00	3.00	50	< 0.1	0.09	<0.01
180.00	183.00	sil,ser			-as general description, weakly fractured	tr-1	1141	180.00	183.00	3.00	100	< 0.1	0.10	<0.01
183.00	186.00	sil,ser			-as general description, at 185.00m is a 6mm wide pyrite vein at 40 to SCA	tr-1	1142	183.00	186.00	3.00	70	< 0.1	0.10	<0.01
186.00	189.00	sil,ser			-as general description, from 187.64-187.94m is a 1-2cm wide quartz-chalcocopyrite vein with up to 5% chalcocopyrite at 80 to SCA, from 188.55-189.00m is quartz veining with 1-2% disseminated chalcocopyrite at 70-85 to SCA	tr-1	1143	186.00	189.00	3.00	610	0.3	0.13	<0.01
189.00	192.00	sil,ser			-as general description, at 189.70m is 1cm wide carbonate-chalcocopyrite vein at 45 to SCA	tr-1	1144	189.00	192.00	3.00	70	0.5	0.13	<0.01
192.00	195.00	sil,ser			-as general description, 194.62m is a 5cm wide glassy quartz vein at 0-5 to SCA with 1% chalcocopyrite	tr-1	1145	192.00	195.00	3.00	40	< 0.1	0.06	<0.01
195.00	198.00	sil,ser			-as general description	tr-1	1146	195.00	198.00	3.00	10	< 0.1	0.06	<0.01
198.00	201.00	sil,ser			-as general description	tr-1	1147	198.00	201.00	3.00	10	< 0.1	0.07	<0.01
201.00	204.00	sil,ser			-as general description, finer grained, more siliceous	tr-1	1148	201.00	204.00	3.00	30	< 0.1	0.06	<0.01
204.00	207.00	sil,ser			-as general description, minor broken core, a 1cm quartz-chalcocopyrite vein at 75 to SCA at 206.70m	tr-1	1149	204.00	207.00	3.00	70	0.1	0.13	<0.01
207.00	210.00	sil,ser			-as general description, minor chalcocopyrite stringers	tr-1	1150	207.00	210.00	3.00	80	0.1	0.11	<0.01
210.00	213.00	sil,ser			-as general description	tr-1	1151	210.00	213.00	3.00	40	< 0.1	0.12	<0.01
213.00	216.00	sil,ser			-as general description	tr-1	1152	213.00	216.00	3.00	30	< 0.1	0.10	<0.01
216.00	219.00	sil,ser			-as general description	tr-1	1153	216.00	219.00	3.00	20	< 0.1	0.08	<0.01
219.00	222.00	sil,ser			-as general description	tr-1	1154	219.00	222.00	3.00	30	0.6	0.09	0.01
222.00	225.00	sil,ser			-as general description	tr-1	1155	222.00	225.00	3.00	10	0.4	0.11	0.01







FROM	TO	SOCK TYPE	ALT C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Ag ppm	Cu pct	Mo pct
Unit is weakly to moderately magnetic.													
57.00	60.00	chl,sil		-as general description, pyrite = chalcopyrite	3	1189	57.00	60.00	3.00	160	0.4	0.41	0.01
60.00	63.00	chl,sil		-as general description, pyrite = chalcopyrite	3	1190	60.00	63.00	3.00	110	<0.1	0.38	0.01
63.00	66.00	chl,sil		-as general description, pyrite = chalcopyrite	3	1191	63.00	66.00	3.00	70	<0.1	0.28	0.01
66.00	69.00	chl,sil		-as general description, highly fractured with gouge and rubble	3	1192	66.00	69.00	3.00	50	<0.1	0.21	0.01
69.00	72.00	chl,sil		-as general description	3-4	1193	69.00	72.00	3.00	40	<0.1	0.21	0.01
72.00	75.00	chl,sil		-as general description, more competent section, minor quartz-carbonate tension gash infillings	4	1194	72.00	75.00	3.00	90	<0.1	0.35	0.02
75.00	78.00	chl,sil		-as above but more fractured core	4	1195	75.00	78.00	3.00	40	<0.1	0.24	<0.01
78.00	81.00	chl,sil		-as general description	4	1196	78.00	81.00	3.00	30	<0.1	0.21	<0.01
81.00	84.00	chl,sil		-as general description	3-4	1197	81.00	84.00	3.00	40	0.1	0.22	0.01
84.00	87.00	chl,sil		-as general description, competent core	4	1198	84.00	87.00	3.00	20	0.3	0.21	<0.01
87.00	90.00	chl,sil		-as general description, broken core	4	1199	87.00	90.00	3.00	40	<0.1	0.21	0.01
90.00	93.00	chl,sil		-as general description, broken core	3-4	1200	90.00	93.00	3.00	20	<0.1	0.17	0.01
93.00	96.00	chl,sil		-as general description, more competent but still broken	3-4	1201	93.00	96.00	3.00	30	<0.1	0.16	0.01
96.00	99.00	chl,sil		-as general description	3	1202	96.00	99.00	3.00	30	<0.1	0.21	<0.01
99.00	102.00	chl,sil		-as general description, fairly competent rock	3	1203	99.00	102.00	3.00	10	0.1	0.16	<0.01
102.00	105.00	chl,sil		-as general description, fairly competent rock, good chalcopyrite	4	1204	102.00	105.00	3.00	70	0.2	0.27	0.01
105.00	108.00	chl,sil		-as general description, fairly competent rock,	4	1205	105.00	108.00	3.00	80	0.6	0.22	0.01
108.00	111.00	chl,sil		-as general description, fairly competent rock,	4	1206	108.00	111.00	3.00	80	0.2	0.28	0.02
111.00	114.00	chl,sil		-as general description, fairly competent rock,	4	1207	111.00	114.00	3.00	50	<0.1	0.17	<0.01
114.00	117.00	chl,sil		-as general description, rubble from 114.53-114.63m	4	1208	114.00	117.00	3.00	90	<0.1	0.28	0.01
117.00	120.00	chl,sil		-as general description, fairly competent rock	4	1209	117.00	120.00	3.00	90	<0.1	0.21	0.01
120.00	123.00	chl,sil		-as general description	3	1210	120.00	123.00	3.00	160	0.2	0.40	0.03
123.00	126.00	chl,sil		-as general description, broken core with gouge and rubble from 123.78-124.50m, strong carbonate in gouge	3	1211	123.00	126.00	3.00	100	0.1	0.30	0.02
126.00	129.00	chl,sil		-as general description, broken core	3	1212	126.00	129.00	3.00	70	<0.1	0.22	0.01
129.00	132.00	chl,sil		-as general description, broken core	3	1213	129.00	132.00	3.00	120	0.2	0.45	0.02
132.00	135.00	chl,sil		-as general description, broken core	3	1214	132.00	135.00	3.00	130	<0.1	0.25	0.01
135.00	138.00	chl,sil		-as general description, competent core	4	1215	135.00	138.00	3.00	70	<0.1	0.23	0.01
138.00	141.00	chl,sil		-as general description, but with graphite? on fractures, last 50cm is quite broken with strong sericite and graphite	4	1216	138.00	141.00	3.00	70	<0.1	0.25	0.01
141.00	144.00	chl,sil		-as general description, moderate quartz-carbonate tension gash infillings, good chalcopyrite from 142.07-142.60m, last 20 cm is Feldspar Porphyry	4	1217	141.00	144.00	3.00	230	0.6	0.51	0.04
143.80	146.04			FELDSPAR PORPHYRY DYKE									
Medium grey coloured dyke with white feldspar phenocrysts. Has 3-4% disseminated pyrite, 1% disseminate chalcopyrite. Upper contact at approximately 50 to SCA, lower contact approximately 45 to SCA													
144.00	147.00			-as general description, last 96cm is hornfelsed greywacke	4	1218	144.00	147.00	3.00	60	<0.1	0.24	0.02

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Ag ppm	Cu pct	Mo pct
146.04	170.60				HORNPELS (GREYWACKE) As previously described, 3.05-9.60m									
147.00	150.00	chl,sil			-as general description, local sheared pyrite, looks like slickenside	4	1219	147.00	150.00	3.00	130	<0.1	0.30	0.06
150.00	153.00	chl,sil			-as general description	4	1220	150.00	153.00	3.00	70	<0.1	0.31	0.02
153.00	156.00	chl,sil			-as general description, fairly broken throughout, minor quartz-carbonate tension gash infillings, local good chalcopyrite, some quartz flooding by 1-4mm stringer veins at 85-90 to SCA	4	1221	153.00	156.00	3.00	200	0.7	0.49	0.09
156.00	159.00	chl,sil			-as general description, local brecciated quartz veining with hornfels fragments in the veins and good chalcopyrite from 157.20-157.80m	4	1222	156.00	159.00	3.00	690	3.7	1.10	0.05
159.00	162.00	chl,sil			-as above but with splotches of intrusive rock, some good chalcopyrite and minor graphite?	4	1223	159.00	162.00	3.00	290	0.7	0.65	0.09
162.00	165.00	chl,sil			-as above, good chalcopyrite throughout	5	1224	162.00	165.00	3.00	260	0.6	0.61	0.06
165.00	168.00	chl,sil			-as general description	4	1225	165.00	168.00	3.00	90	<0.1	0.31	0.02
168.00	171.00	chl,sil			-as general description, minor intrusive material at end of interval	4	1226	168.00	171.00	3.00	90	<0.1	0.35	0.02
170.60	177.40				HORNPELS AND FELDSPAR PORPHYRY Black hornfels with intercalated grey feldspar porphyry, no distinct contacts just patches and blebs of intrusive material averaging 30-40% intrusive, 60-70% hornfels									
171.00	174.00	ser			-as above, local good chalcopyrite	3	1227	171.00	174.00	3.00	330	0.4	0.72	0.06
174.00	177.00	ser			-as above, local good chalcopyrite	3	1228	174.00	177.00	3.00	240	0.2	0.50	0.06
177.40	191.30				FELDSPAR PORPHYRY As previously described, 3.05-9.60m									
177.00	180.00	chl,sil			-as general description, local good chalcopyrite and moly and brecciated quartz veining	4	1229	177.00	180.00	3.00	540	3.3	1.30	0.16
180.00	183.00	chl,sil			-as general description, fairly broken, minor intrusive material to 180.30m	3	1230	180.00	183.00	3.00	130	0.2	0.35	0.03
183.00	186.00	chl,sil			-as general description, quartz-carbonate breccia veins	3	1231	183.00	186.00	3.00	110	<0.1	0.30	0.02
186.00	189.00	chl,sil			-as general description, quartz-carbonate stringers-various attitudes	4	1232	186.00	189.00	3.00	160	<0.1	0.37	0.02
189.00	192.00	chl,sil			-as general description, fairly broken, last 70cm is feldspar porphyry	4	1233	189.00	192.00	3.00	140	<0.1	0.36	0.01
191.30	197.03				FELDSPAR PORPHYRY As previously described, 24.80-30.00m. Upper contact quite broken, lower contact not really clear but approximately 40 to SCA. Siliceous with good chalcopyrite throughout.									
192.00	195.00	chl,sil			-as general description, strong chalcopyrite throughout in quartz stringers at 20-40 to SCA, moderate moly	6	1234	192.00	195.00	3.00	570	1.5	0.30	0.02







FROM	TO	ROCK TYPE	ALT	POL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Ag ppm	Cu pct	Mo pct
					basalt. Upper contact broken, lower contact at 50 to SCA with gouge									
60.00	63.00	ser,car			-as above	1	1270	60.00	63.00	3.00	10	0.4	0.24	<0.01
62.42	273.48				PELDSPAR - HORNBLENDE +/- BIOTITE PORPHYRY									
					As previously described, 12.19-58.97m									
63.00	66.00	car,cla			-as general description with andesite tuff? from 64.70-66.00	1	1271	63.00	66.00	3.00	40	0.6	0.23	0.01
66.00	69.00	car,cla			-as general description, local gouge	1	1272	66.00	69.00	3.00	70	0.5	0.23	0.01
69.00	72.00	car,cla			-as general description, clay gouge at 71.85-71.95m	1	1273	69.00	72.00	3.00	70	<0.1	0.21	<0.01
72.00	75.00	car,cla			-as general description, Feldspar Porphyry Dykes as above from 72.20-73.70m, minor gypsum on fractures	1	1274	72.00	75.00	3.00	30	<0.1	0.11	0.01
75.00	78.00	car,cla			-as general description, minor gouge at 77.95m	1	1275	75.00	78.00	3.00	90	<0.1	0.24	<0.01
78.00	81.00	car,cla			-as general description, gypsum veins 2-5mm wide at 30-40 to SCA	1	1276	78.00	81.00	3.00	50	<0.1	0.19	<0.01
81.00	84.00	ser,chl			-as above	1	1277	81.00	84.00	3.00	80	0.2	0.22	<0.01
84.00	87.00	ser,chl			-as above	1	1278	84.00	87.00	3.00	70	0.3	0.18	<0.01
87.00	90.00	ser,chl			-as above	1	1279	87.00	90.00	3.00	100	0.4	0.20	0.01
90.00	93.00	ser,chl			-as above, from 92.00-93.00m is a quartz-gouge vein with chalcocopyrite at 85 to SCA	1	1280	90.00	93.00	3.00	40	0.3	0.11	0.01
93.00	96.00	ser,chl			-as general description	1	1281	93.00	96.00	3.00	30	0.3	0.11	0.01
96.00	99.00	ser,chl			-as general description	1	1282	96.00	99.00	3.00	40	<0.1	0.11	<0.01
99.00	102.00	ser,chl			-as general description, one quartz-pyrite +/- biotite vein 1.5cm wide at 30 to SCA, contains 5-8% pyrite	1	1283	99.00	102.00	3.00	30	<0.1	0.12	<0.01
102.00	105.00	ser,chl			-as general description, from 104.38-104.54m is silicified and sericitic with 10% banded pyrite at 20-30 to SCA, minor moly or very fine altered biotite?	1	1284	102.00	105.00	3.00	30	<0.1	0.12	<0.01
105.00	108.00	ser,chl			-as general description, from 107.45-108.00m are 2 quartz veins 5-7mm wide at 85 to SCA with 1% moly and trace chalcocopyrite and bornite	1-2	1285	105.00	108.00	3.00	30	<0.1	0.13	0.02
108.00	111.00	ser,chl			-continuation of above vein to 108.42m, from 108.90-109.25m is quartz vein 1cm wide at 80 to SCA with 3% moly, trace chalcocopyrite	1-2	1286	108.00	111.00	3.00	80	<0.1	0.16	0.03
111.00	114.00	ser,chl			-as general description	1	1287	111.00	114.00	3.00	60	<0.1	0.19	<0.01
114.00	117.00	ser,chl			-as general description, 3% gypsum stringers, at 116.75m is 1.5cm gypsum-pyrite vein (30% pyrite) at 20 to SCA	1	1288	114.00	117.00	3.00	50	0.2	0.20	<0.01
117.00	120.00	ser,chl			-as general description, 3% gypsum veins at various orientations	1	1289	117.00	120.00	3.00	60	0.1	0.19	<0.01
120.00	123.00	ser,chl			-as general description, 3% gypsum veins	1	1290	120.00	123.00	3.00	100	<0.1	0.16	<0.01
123.00	126.00	ser,chl			-as general description, 3% gypsum veins	1	1291	123.00	126.00	3.00	70	0.1	0.20	<0.01
126.00	129.00	ser,chl			-as general description, 3% gypsum veins	1	1292	126.00	129.00	3.00	100	0.2	0.16	<0.01
129.00	132.00	ser,chl			-as general description, 3% gypsum veins	1	1293	129.00	132.00	3.00	50	<0.1	0.16	<0.01
132.00	135.00	ser,chl			-as general description, 3% gypsum veins	1	1294	132.00	135.00	3.00	110	<0.1	0.18	<0.01
135.00	138.00	ser,chl			-as general description, several 1-1.5cm wide quartz-chalcocopyrite-moly veins at 85 to SCA from 135.00-136.75m	1-2	1295	135.00	138.00	3.00	70	<0.1	0.15	<0.01
138.00	141.00	ser,chl			-as general description, 3% gypsum veins	1	1296	138.00	141.00	3.00	70	<0.1	0.15	<0.01
141.00	144.00	ser,chl			-as above, from 142.22-142.55m and 143.40-143.87m is broken	1	1297	141.00	144.00	3.00	160	0.4	0.26	<0.01
144.00	147.00	ser,chl			-as above, broken from 145.30-145.50m	1	1298	144.00	147.00	3.00	100	0.2	0.18	<0.01

OREQUEST CONSULTANTS LTD.

HOLE # : PM-93-4

PAGE # 3 of 4

FROM	TO	ROCK TYPE	ALT	POL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	PROM	TO	LENGTH	Au ppb	Ag ppm	Cu pct	Mo pct
147.00	150.00	ser,chl			-as above, 2-3% gypsum veins	1	1299	147.00	150.00	3.00	80	<0.1	0.17	<0.01
150.00	153.00	ser,chl			-as above, 2-3% gypsum veins, minor broken sections	1	1300	150.00	153.00	3.00	140	<0.1	0.22	<0.01
153.00	156.00	ser,chl			-as general description, leucocratic from 153.95-154.57m, minor gypsum veins	1	1301	153.00	156.00	3.00	130	<0.1	0.21	<0.01
156.00	159.00	ser,chl			-as general description	1	1302	156.00	159.00	3.00	190	0.4	0.37	0.03
159.00	162.00	ser,chl			-as general description	1	1303	159.00	162.00	3.00	210	0.3	0.26	0.02
162.00	165.00	ser,chl			-as general description, with finer grained chloritic sections to 163.90m with chalcopyrite and moly	1	1304	162.00	165.00	3.00	320	0.7	0.48	0.02
165.00	168.00	ser,chl			-as general description	1	1305	165.00	168.00	3.00	240	0.9	0.45	0.02
168.00	171.00	ser,chl			-as general description	1	1306	168.00	171.00	3.00	30	<0.1	0.13	<0.01
171.00	174.00	ser,chl			-as general description, minor gypsum veins	1	1307	171.00	174.00	3.00	90	<0.1	0.15	0.01
174.00	177.00	ser,chl			-as general description, paler green from 176.02-177.50m as dyke at 65 to SCA	1	1308	174.00	177.00	3.00	70	<0.1	0.16	0.01
177.00	180.00	ser,chl			-as general description, minor quartz veining	1	1309	177.00	180.00	3.00	50	<0.1	0.15	<0.01
180.00	183.00	ser,chl			-as general description, minor quartz veining with chalcopyrite, from 181.90-183.73m is green andesite dyke?, upper and lower contacts at 10 to SCA	1	1310	180.00	183.00	3.00	100	<0.1	0.21	<0.01
183.00	186.00	ser,chl			-as general description, last 30cm is Feldspar Porphyry	1	1311	183.00	186.00	3.00	70	<0.1	0.18	<0.01
186.00	189.00	ser,chl			-as general description, from 187.15-187.35m is broken with gouge	1	1312	186.00	189.00	3.00	30	<0.1	0.10	<0.01
189.00	192.00	ser,chl			-as general description, local broken sections	1	1313	189.00	192.00	3.00	50	<0.1	0.15	<0.01
192.00	195.00	ser,chl			-as general description	1	1314	192.00	195.00	3.00	50	<0.1	0.17	<0.01
195.00	198.00	ser,chl			-as general description, 2-3% gypsum veins	1	1315	195.00	198.00	3.00	30	<0.1	0.16	<0.01
198.00	201.00	ser,chl			-as general description, 1% gypsum veins	1	1316	198.00	201.00	3.00	50	<0.1	0.18	0.01
201.00	204.00	ser,chl			-as general description, moderately fractured	1	1317	201.00	204.00	3.00	10	0.2	0.23	0.02
204.00	207.00	ser,chl			-as general description	1	1318	204.00	207.00	3.00	50	0.1	0.18	<0.01
207.00	210.00	ser,chl			-as general description	1	1319	207.00	210.00	3.00	40	<0.1	0.16	0.01
210.00	213.00	ser,chl			-as general description, moderately fractured	1	1320	210.00	213.00	3.00	60	<0.1	0.18	0.01
213.00	216.00	ser,chl			-as general description, moderately fractured, at 215.60m is 1cm wide quartz-pyrite vein at 10 to SCA	1	1321	213.00	216.00	3.00	210	0.4	0.33	0.02
216.00	219.00	ser,chl			-as general description, 2% gypsum veins	1	1322	216.00	219.00	3.00	40	<0.1	0.18	<0.01
219.00	222.00	ser,chl			-as general description, 2% gypsum veins	1	1323	219.00	222.00	3.00	20	<0.1	0.13	<0.01
222.00	225.00	ser,chl			-as general description, 2% gypsum veins, from 223.80-224.50 is broken	1	1324	222.00	225.00	3.00	10	<0.1	0.15	<0.01
225.00	228.00	ser,chl			-as general description, 2-3% gypsum veins, minor moly in quartz vein	1	1325	225.00	228.00	3.00	60	0.2	0.21	0.02
228.00	231.00	ser,chl			-as general description, 2-3% gypsum veins,	1	1326	228.00	231.00	3.00	30	0.1	0.16	0.02
231.00	234.00	ser,chl			-as above, from 232.40-233.47m is greywacke, upper contact at 50 to SCA, lower contact at 70 to SCA	1	1327	231.00	234.00	3.00	40	<0.1	0.13	0.01
234.00	237.00	ser,chl			-as general description, 2-3% gypsum veins, minor gouge on fractures at 60 and 80 to SCA	1	1328	234.00	237.00	3.00	100	<0.1	0.21	0.01
237.00	240.00	ser,chl			-as general description, 2-3% gypsum veins	1	1329	237.00	240.00	3.00	50	<0.1	0.18	<0.01
240.00	243.00	ser,chl			-as above	1	1330	240.00	243.00	3.00	80	<0.1	0.19	<0.01
243.00	246.00	ser,chl			-as above	1	1331	243.00	246.00	3.00	80	<0.1	0.17	<0.01
246.00	249.00	ser,chl			-as above	1	1332	246.00	249.00	3.00	60	<0.1	0.18	<0.01
249.00	252.00	ser,chl			-as above	1	1333	249.00	252.00	3.00	120	<0.1	0.20	<0.01
252.00	255.00	ser,chl			-as above, minor broken core	1	1334	252.00	255.00	3.00	120	<0.1	0.21	<0.01
255.00	258.00	ser,chl			-as above	1	1335	255.00	258.00	3.00	30	0.2	0.13	0.01







FROM	TO	ROCK TYPE	ALT	POL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Ag ppb	Cu pct	Mo pct
					As previously described. Sulphide content a little lower than the upper greywacke units - 1-3%. 1-3mm wide quartz veins at various attitudes. Core now competent.									
84.00	87.00	sil,chl			-as general description	2-3	1368	84.00	87.00	3.00	70		0.24	
87.00	90.00	sil,chl			-as general description	3	1369	87.00	90.00	3.00	80		0.27	
90.00	93.00	sil,chl			-as general description	3	1370	90.00	93.00	3.00	90		0.31	
93.00	96.00	sil,chl			-as general description	3	1371	93.00	96.00	3.00	140		0.45	
96.00	99.00	sil,chl			-as general description, last 40cm is grey coloured Feldspar Porphyry with 5-7mm wide pyrite vein at 70 to SCA	2-3	1372	96.00	99.00	3.00	50		0.15	
98.46	109.90				<p> <b>FELDSPAR - HORNBLENDE PORPHYRY</b>                      Grey coloured rock with coarse feldspar phenocrysts up to 710µm. Hornblende is less common with crystals up to 418µm that are partially chloritized. Narrow gypsum stringers throughout unit 1-5mm wide at 40-70 to SCA with chalcopyrite in some of the veins. Chalcopyrite also as narrow stringers 1-2mm wide, same orientation, and as disseminated blebs. Unit is silicified and weakly magnetic. Upper contact fairly sharp at 10 to SCA, lower contact more diffuse at approximately 60 to SCA. Chalcopyrite &gt; pyrite.                 </p>									
99.00	102.00	sil,gyp			-as general description	2	1373	99.00	102.00	3.00	40		0.08	
102.00	105.00	sil,gyp			-as general description	3	1374	102.00	105.00	3.00	50		0.09	
105.00	108.00	sil,gyp			-as general description	3	1375	105.00	108.00	3.00	60		0.15	
108.00	111.00	sil,gyp			-as general description, last 1.10m is hornfels	3	1376	108.00	111.00	3.00	80		0.15	
109.90	148.55				<p> <b>HORNFELS (GREYWACKE)</b>                      As previously described. Unit averages 2-4% combined quartz and gypsum stringers at 80-40 to SCA. Minor carbonate tension gash infillings. Unit has a mottled brownish-greenish colour. The greenish areas are chlorite +/- carbonate - sericite ? alteration or coarse veining/ banding that have more sulphides than the brownish-black sections. Sulphides are pyrite and chalcopyrite with pyrite slightly greater than chalcopyrite as fine disseminations and stringers. Total sulphide content is 4-6%. Unit is locally silicified, minor epidote blebs.                 </p>									
111.00	114.00	ser,gyp			-as general description	4	1377	111.00	114.00	3.00	70		0.22	
114.00	117.00	ser,gyp			-as general description, minor magnetite blebs	4	1378	114.00	117.00	3.00	100		0.28	
117.00	120.00	ser,gyp			-as general description	5	1379	117.00	120.00	3.00	100		0.27	
120.00	123.00	ser,gyp			-as general description	4	1380	120.00	123.00	3.00	90		0.30	
123.00	126.00	ser,gyp			-as general description, quartz-carbonate tension gash infillings over last 50cm	4	1381	123.00	126.00	3.00	110		0.32	
126.00	129.00	ser,gyp			-as general description, gypsum-carbonate-quartz flooded from 126.00-126.60m then fractured to 127.55m	4	1382	126.00	129.00	3.00	110		0.29	

FROM	TO	ROCK TYPE	ALT	COL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Ag ppm	Cu pct	Mo pct
129.00	132.00	ser,gyp			-as general description, lightly fractured	4	1383	129.00	132.00	3.00	110		0.28	
132.00	136.45				Fault zone Same unit but strongly broken with gouge and rubble									
132.00	135.00	ser,gyp			-as above, pyrite slickensides	3	1384	132.00	135.00	3.00	130		0.28	
135.00	138.00	ser,gyp			-as above, last 1.55m more competent as out of fault zone	3	1385	135.00	138.00	3.00	70		0.21	
138.00	141.00	ser,gyp			-as general description	3-4	1386	138.00	141.00	3.00	50		0.21	
141.00	144.00	ser,gyp			-as general description, broken from 141.33-141.70m	4	1387	141.00	144.00	3.00	50		0.17	
144.00	147.00	ser,gyp			-as general description	3	1388	144.00	147.00	3.00	60		0.15	
148.55	157.85				<p>FEELDSPAR - HORNBLENDE - BIOTITE PORPHYRY</p> <p>Similar to that described at 98.46-109.90m but feldspar not as coarse and these are moderately sausseritized. Hornblende appears to be replaced by biotite. Weak sericite alteration, gypsum veins also present. Mineralization is fine disseminations and minor blebs of pyrite and chalcopyrite. Unit is weakly magnetic. Upper contact at 10 to SCA, lower contact at 60 to SCA, both sharp</p>									
147.00	150.00	chl,ser			-as general description, upper 1.45m is hornfels	2-3	1389	147.00	150.00	3.00	80		0.13	
150.00	153.00	chl,ser			-as general description	1-2	1390	150.00	153.00	3.00	50		0.09	
153.00	156.00	chl,ser			-as general description	1-2	1391	153.00	156.00	3.00	70		0.11	
156.00	159.00	chl,ser			-as general description, last 1.15m is hornfels	1-2	1392	156.00	159.00	3.00	60		0.16	
157.85	213.45				<p>HORNPELS (GREYWACKE)</p> <p>As previously described, 109.90-148.55m</p>									
159.00	162.00	ser,chl			-as general description, strongly broken with rubble 161.67-162.00m	2-3	1393	159.00	162.00	3.00	110		0.31	
162.00	165.00	ser,chl			-as general description, lightly fractured	4-5	1394	162.00	165.00	3.00	60		0.20	
165.00	168.00	ser,chl			-as general description	4-5	1395	165.00	168.00	3.00	70		0.26	
168.00	171.00	ser,chl			-as general description, moderately broken throughout with local gouge, some magnetite veins	4-5	1396	168.00	171.00	3.00	80		0.13	
171.00	174.00	chl,gyp			-as general description, from 171.42-173.02m is strongly fractured and broken with gouge and rubble	4	1397	171.00	174.00	3.00	100		0.30	
174.00	177.00	chl,gyp			-as general description, good chalcopyrite to 174.65m, good moly in a 5m wide quartz vein at 30 to SCA at 174.75m, local broken sections	5	1398	174.00	177.00	3.00	120		0.38	
177.00	180.00	chl,gyp			-as general description, from 178.68-179.50m is a pale greenish colour with strong fault gouge and lots of breccia fragments in a sericite altered section	4	1399	177.00	180.00	3.00	60		0.20	
180.00	183.00	chl,gyp			-as general description, more like greywacke, less hornfels	4	1400	180.00	183.00	3.00	90		0.27	
183.00	186.00	chl,gyp			-as general description	4	1401	183.00	186.00	3.00	80		0.21	
186.00	189.00	chl,gyp			-as general description	4	1402	186.00	189.00	3.00	150		0.31	
189.00	192.00	chl,gyp			-as general description, minor moly, minor broken sections	5	1403	189.00	192.00	3.00	160		0.38	



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HOLE # : PM-93-5

PAGE # 5 of 6

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Ag ppm	Cu pct	Mo pct
192.00	195.00	chl, gyp			-as general description, strong carbonate veins to 192.70m	4	1404	192.00	195.00	3.00	110		0.26	
195.00	198.00	chl, gyp			-as general description, good chalcopyrite	5-6	1405	195.00	198.00	3.00	150		0.43	
198.00	201.00	chl, gyp			-as general description	4	1406	198.00	201.00	3.00	80		0.19	
201.00	204.00	chl, gyp			-as general description	4	1407	201.00	204.00	3.00	140		0.30	
204.00	207.00	chl, gyp			-as general description	5	1408	204.00	207.00	3.00	120		0.25	
207.00	210.00	chl, gyp			-as general description	4-5	1409	207.00	210.00	3.00	110		0.26	
210.00	213.00	chl, gyp			-as general description	4-5	1410	210.00	213.00	3.00	90		0.27	
213.45	216.74				PELDSPAR - BIOTITE PORPHYRY									
					Less porphyritic, more equigranular. Moderate chloritization of mafics Moderate chalcopyrite throughout unit.									
213.00	216.00	chl, gyp			-as general description	2-3	1411	213.00	216.00	3.00	50		0.14	
216.74	355.79				HORNFELS (GREYWACKE)									
					As previously described.									
216.00	219.00	chl, gyp			-as general description, good chalcopyrite	5	1412	216.00	219.00	3.00	160		0.39	
219.00	222.00	chl, gyp			-as general description, good chalcopyrite, some magnetite with bright red hematite? alteration on the magnetite	5	1413	219.00	222.00	3.00	160		0.43	
222.00	225.00	chl, gyp			-as general description, minor broken sections	4-5	1414	222.00	225.00	3.00	70		0.20	
225.00	228.00	chl, gyp			-as general description, quartz - carbonate tension gash infillings	4-5	1415	225.00	228.00	3.00	140		0.28	
228.00	231.00	chl, gyp			-as general description,	4-5	1416	228.00	231.00	3.00	110		0.24	
231.00	234.00	chl, gyp			-as general description, quartz - carbonate tension gash infillings	4-5	1417	231.00	234.00	3.00	110		0.27	
234.00	237.00	chl, gyp			-as general description, good chalcopyrite, lcn vein at 40 to SCA at 235.30m with 35% chalcopyrite	5	1418	234.00	237.00	3.00	150		0.40	
237.00	240.00	chl, gyp			-as general description, quartz-carbonate tension gash infillings	4	1419	237.00	240.00	3.00	100		0.28	
240.00	243.00	chl, gyp			-as above	3-4	1420	240.00	243.00	3.00	60		0.23	
243.00	246.00	chl, gyp			-as above	3-4	1421	243.00	246.00	3.00	90		0.24	
246.00	249.00	chl, gyp			-as above	4	1422	246.00	249.00	3.00	100		0.26	
249.00	252.00	chl, gyp			-as above, from 249.15-249.60m is broken	4	1423	249.00	252.00	3.00	160		0.26	
252.00	255.00	chl, gyp			-as general description, minor quartz-carbonate tension gash infilling	4	1424	252.00	255.00	3.00	100		0.27	
255.00	258.00	chl, gyp			-as above	4-5	1425	255.00	258.00	3.00	90		0.26	
258.00	261.00	chl, gyp			-as above	4-5	1426	258.00	261.00	3.00	120		0.33	
261.00	264.00	chl, gyp			-Feldspar-Biotite-Porphyry from 261.00-263.80m, upper and lower contacts approximately 70 to SCA	4	1427	261.00	264.00	3.00	180		0.39	
264.00	267.00	chl, gyp			-hornfels as general description	4	1428	264.00	267.00	3.00	130		0.30	
267.00	270.00	chl, gyp			-as general description	4	1429	267.00	270.00	3.00	130		0.31	
270.00	273.00	chl, gyp			-as general description, good chalcopyrite	5-6	1430	270.00	273.00	3.00	180		0.58	
273.00	276.00	chl, gyp			-as general description, quartz-carbonate tension gash infillings, minor magnetite	4-5	1431	273.00	276.00	3.00	170		0.53	
276.00	279.00	chl, gyp			-as above	4	1432	276.00	279.00	3.00	170		0.50	
279.00	282.00	chl, gyp			-as above, minor fluorite? (purple)	4	1433	279.00	282.00	3.00	150		0.32	



Hole No.	PM-93-6	Northing	10135.9	Core Size	NQ	Depth	Dip	Azimuth	Depth	Dip	Azimuth	Started	OCT.12,1993	Target	ANOMALY B
Property	POISON MTN.	Easting	8908.5	Casing	pulled							Completed	OCT.15,1993	Comments	HOLE ABANDONED
Location	LILLOOET	Elevation	1759.6	Length	86.28							Drill Co.	BOISVEHU		
MYS	92-0/2	Latitude		Dip-Collar	-45							Logged By	W. RAVEN		
Claim No		Longitude		Bearing	180							Units	METERS		

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	PROM	TO	LENGTH	Au ppb	Ag ppm	Cu pct	Mo pct
	37.19				OVERBURDEN -Casing pulled									
37.19	38.11				CLAY OVERBURDEN AND ROCK CHIPS  Still looks like overburden and possible cave, no sample taken									
38.11	86.28				ALTERED FELSIC VOLCANIC / SEDIMENT (MUDSTONE?)  Very fine grained rock with coarse, 1-3cm pale green and maroon coloured bands down long core axis. Within the bands there appears to be a weak layering with sedimentary slump features or fine volcanic layering. Rock is probably a silicified mudstone? The unit is highly shattered throughout with very little competent core. Numerous sections of rock rubble +/- gouge. Weak silicification. Green bands softer than the red. Unit has trace-3% fine grained disseminated pyrite and pyrrhotite. Oxidized with limonite on fractures to 45.00m. Core recovery quite variable from 5-10% to 80-90%. Carbonate present as small stringer veins throughout unit.									
38.11	40.00	lim,car			-as general description, 80% recovery		tr-1	1459	38.11	40.00	1.89	80		0.09
40.00	42.00	lim,car			-as general description, 80% recovery		tr-1	1460	40.00	42.00	2.00	20		0.06
42.00	44.00	lim,car			-as general description, 80% recovery		tr-1	1461	42.00	44.00	2.00	20		0.07
44.00	46.00	lim,car			-as general description, 80% recovery		tr-1	1462	44.00	46.00	2.00	50		0.06
46.00	48.00	car,sil			-as general description, from 45.75-48.40 is brecciated and fractured		1-2	1463	46.00	48.00	2.00	30		0.07
48.00	50.00	car,sil			-as general description, pyrite veins at 40-50 to SCA		1-2	1464	48.00	50.00	2.00	20		0.07
50.00	52.00	car,sil			-as general description, pyrite and pyrrhotite		2-3	1465	50.00	52.00	2.00	20		0.05
52.00	53.66	car,sil			-as general description, all gouge and rubble, 70% recovery		2-3	1466	52.00	53.66	1.66	20		0.06
53.66	58.54	car,sil			Ream and tricone to push hole further as stuck in fault at 53.66m. There is approximately 5% core recovery, not sure if its in place or is cave from above when reaming		1	1467	53.66	58.54	4.88	20		0.06
58.54	60.00	car,sil			-as general description, pyrite and pyrrhotite, 80% recovery		2	1468	58.54	60.00	1.46	10		0.07
60.00	62.00	car,sil			-as general description, pyrite and pyrrhotite, 60% recovery		2	1469	60.00	62.00	2.00	10		0.06



Hole No.	PM-93-7	Northing	10752.4	Core Size	NQ	Depth	Dip	Azimuth	Depth	Dip	Azimuth	Started	OCT.15,1993	Target	FENTON ZONE
Property	POISON MTN.	Easting	10169.6	Casing	pulled							Completed	OCT.16,1993	Comments	
Location	LILLOOET	Elevation	1853.3	Length	258.23							Drill Co.	BOISVENO		
MTS	92-G/2	Latitude		Dip-Collar	-90							Logged By	W. RAVEN		
Claim No		Longitude		Bearing	N/A							Units	METERS		

FROM	TO	ROCK TYPE	ALT	POL C/A	DESCRIPTION	% SOLPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Ag ppm	Cu pct	Mo pct
	7.32				OVERBURDEN -Casing pulled									
7.32	31.10				GREYWACKE (HORNPELS)  Fine grained to medium grained grey-black rock with gritty texture. Weakly to moderately silicified. Variable carbonate on fractures with minor gouge and sericite. Has 1-3% quartz stringers at various attitudes. Mineralization is stringers and disseminations of pyrite and chalcopyrite in variable proportions, generally < 5%. No oxidation present at top of hole, unit is weakly to moderately magnetic. Local splotches of epidote.									
7.32	10.00		sil		-as general description, minor red iron carbonate? mineral	2-3	1480	7.32	10.00	2.68	90		0.27	
10.00	13.00		sil		-as general description, broken from 12.00-12.55m	2-3	1481	10.00	13.00	3.00	30		0.15	
13.00	16.00		sil		-as general description	3	1482	13.00	16.00	3.00	70		0.25	
16.00	19.00		sil		-as general description, at 17.60m is a 3-4mm magnetite band with 5% chalcopyrite and trace moly at 60 to SCA	3-4	1483	16.00	19.00	3.00	50		0.22	
19.00	22.00		sil		-as general description, 3 x 2-3mm magnetite veins at 50-60 to SCA, 5 quartz-pyrite veins, 4-9mm wide at 10-20 to SCA	3-4	1484	19.00	22.00	3.00	30		0.13	
22.00	25.00		sil		-as general description	3-4	1485	22.00	25.00	3.00	40		0.17	
25.00	28.00		sil		-as general description, good moly and 20% pyrite is 1cm wide vein at 25.80-25.90m and in 2cm vein at 26.00m at 10 to SCA	3-4	1486	25.00	28.00	3.00	80		0.26	
28.00	31.00		sil		-as general description, fair chalcopyrite	3-4	1487	28.00	31.00	3.00	30		0.14	
31.10	38.82				GREYWACKE / GRANITIC INTRUSIONS  Greywacke as above but with up to 20% rounded pale white granitic blebs up to 20x20cm, and a few dioritic blebs. good chalcopyrite and pyrite throughout. Moderately silicified, minor epidote. No definite contacts, just starts and ends									
31.00	34.00		sil		-as above	3-4	1488	31.00	34.00	3.00	30		0.12	
34.00	37.00		sil,ep		-as above	4-5	1489	34.00	37.00	3.00	60		0.24	
37.00	40.00		sil,ep		-as above, last 1.18m is regular greywacke	4	1490	37.00	40.00	3.00	30		0.20	

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ROLE : PM-93-7

PAGE | 2 of 4

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Ag ppm	Cu pct	Mo pct
38.82	63.95				GREYWACKE (HORNFELS)									
					As previously described.									
40.00	43.00		sil		-as general description	2-3	1491	40.00	43.00	3.00	20		0.07	
43.00	46.00		sil		-as general description	3	1492	43.00	46.00	3.00	100		0.32	
46.00	49.00		sil		-as general description	3-4	1493	46.00	49.00	3.00	70		0.26	
49.00	52.00		sil		-as general description, strongly fractured to 50.12m	3-4	1494	49.00	52.00	3.00	100		0.23	
52.00	55.00		sil		-as general description, good chalcopryite at end of interval	2-3	1495	52.00	55.00	3.00	80		0.16	
55.00	58.00		sil		-as general description, moderately fractured, good vuggy quartz vein at 57.60m, vein is 1cm wide at 75 to SCA	2-3	1496	55.00	58.00	3.00	90		0.23	
58.00	61.00		sil		-as general description	3	1497	58.00	61.00	3.00	110		0.30	
61.00	64.00		sil		-as general description, fairly broken for last 1.50m	3	1498	61.00	64.00	3.00	80		0.27	
63.95	68.00				INTERMIXED GREYWACKE AND INTRUSIVE									
					Like 33.10-38.82m but as solid pieces of core like a dyke swarm.									
64.00	67.00		sil		-as above	2-3	1499	64.00	67.00	3.00	20		0.14	
68.00	76.80				GREYWACKE									
					As previously described, 7.32-31.10m									
67.00	70.00		sil,chl		-intermixed greywacke and intrusive to 68.00m then greywacke	2	1500	67.00	70.00	3.00	40		0.21	
70.00	73.00		sil		-as general description, 5cm wide vuggy qartz vein at 72.95m at 60 to SCA with pyrite, chalcopryite and magnetite	2-3	1501	70.00	73.00	3.00	80		0.22	
73.00	76.00		sil		-as general description, minor magnetite veins	3	1502	73.00	76.00	3.00	30		0.17	
76.80	83.83				INTERCALATED GREYWACKE AND INTRUSIVE DYKES									
					As previously described, 63.95-68.00m. No distinct upper and lower contacts.									
76.00	79.00		sil,ep		-as general description	3-4	1503	76.00	79.00	3.00	60		0.23	
79.00	82.00		sil,ep		-as general description	3-4	1504	79.00	82.00	3.00	20		0.15	
82.00	85.00		sil,ep		-as general description, last 1.17m is greywacke	3-4	1505	82.00	85.00	3.00	20		0.16	
83.83	258.23				GREYWACKE (WEAK TO MODERATE HORNFELS)									
					As previously described, 7.32-31.10m									
85.00	88.00		sil		-as general description, good chalcopryite in stringers mostly at 60-70 to SCA	5	1506	85.00	88.00	3.00	30		0.21	
88.00	91.00		sil		-as above	5	1507	88.00	91.00	3.00	50		0.19	

FROM	TO	RGS3 TYPE	ALT C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Ag ppm	Cu pct	Mo pct
91.00	94.00		sil	-as general description, from 92.76-94.00m is shattered with gouge	3	1508	91.00	94.00	3.00	30		0.17	
94.00	97.00		sil,chl	-as general description, strongly fractured and broken to 96.00m then moderately fractured, at 96.00m is 1cm pyrite vein at 85 to SCA	3	1509	94.00	97.00	3.00	40		0.24	
97.00	100.00		sil,chl	-as general description, moderately fractured	3	1510	97.00	100.00	3.00	40		0.24	
100.00	103.00		sil,chl	-as general description, minor broken sections	3	1511	100.00	103.00	3.00	80		0.31	
103.00	106.00		sil,chl	-as above	3	1512	103.00	106.00	3.00	30		0.14	
106.00	109.00		sil,chl	-as above	3-4	1513	106.00	109.00	3.00	70		0.19	
109.00	112.00		sil,chl	-as above, quartz-carbonate tension gash infillings	3	1514	109.00	112.00	3.00	50		0.19	
112.00	115.00		sil,chl	-as general description, from 112.30-112.45m is gouge and rubble	3	1515	112.00	115.00	3.00	40		0.16	
115.00	118.00		sil,chl	-as general description	3	1516	115.00	118.00	3.00	30		0.08	
118.00	121.00		sil,chl	-as general description	3	1517	118.00	121.00	3.00	40		0.21	
121.00	124.00		sil,chl	-as general description	3	1518	121.00	124.00	3.00	120		0.24	
124.00	127.00		sil,chl	-as general description, 5mm chalcopryrite vein at 124.20m at 65 to SCA	3-4	1519	124.00	127.00	3.00	70		0.16	
127.00	130.00		sil,chl	-as general description,	3	1520	127.00	130.00	3.00	60		0.11	
130.00	133.00		sil,ep	-quartz +/- carbonate flooded greywacke, semi-brecciated some local good pyrite	3-4	1521	130.00	133.00	3.00	60		0.17	
133.00	136.00		sil,ep	-first 63cm as above, then as general description, good chalcopryrite	3-4	1522	133.00	136.00	3.00	190		0.35	
136.00	139.00		sil,ep	-as general description	3-4	1523	136.00	139.00	3.00	20		0.06	
139.00	142.00		sil,ep	-as above	3-4	1524	139.00	142.00	3.00	30		0.10	
142.00	145.00		sil	-as general description, from 143.00-143.65m is broken	3-4	1525	142.00	145.00	3.00	30		0.10	
145.00	148.00		sil	-as general description, with pale green phases	3	1526	145.00	148.00	3.00	20		0.07	
148.00	151.00		sil	-as general description, last 35cm is quite broken	3	1527	148.00	151.00	3.00	70		0.17	
151.00	154.00		sil	-as general description, strongly broken and fractured to 153.50m, good chalcopryrite, some moly	4	1528	151.00	154.00	3.00	120		0.28	
154.00	157.00		sil	-as general description	2-3	1529	154.00	157.00	3.00	160		0.21	
157.00	160.00		sil	-as general description, from 159.28-159.72m is broken with good chalcopryrite on rock chips	2-3	1530	157.00	160.00	3.00	30		0.12	
160.00	163.00		sil	-as general description, moderately fractured	3	1531	160.00	163.00	3.00	80		0.19	
163.00	166.00		sil	-as general description, moderately fractured	3	1532	163.00	166.00	3.00	40		0.12	
166.00	169.00		sil	-as general description, moderate chalcopryrite, pyrite in quartz veins (up to 50%) 5-15mm wide at 0-20 to SCA	3	1533	166.00	169.00	3.00	80		0.26	
169.00	172.00		sil	-as general description, moderately fractured	3	1534	169.00	172.00	3.00	50		0.13	
172.00	175.00		sil	-as general description	3	1535	172.00	175.00	3.00	70		0.21	
175.00	178.00		sil	-as general description, from 176.20-176.55m is broken rock chips	3-4	1536	175.00	178.00	3.00	70		0.15	
178.00	181.00		sil	-as general description	2-3	1537	178.00	181.00	3.00	30		0.10	
181.00	184.00		sil	-as general description	3	1538	181.00	184.00	3.00	30		0.17	
184.00	187.00		sil	-as general description	3	1539	184.00	187.00	3.00	40		0.18	
187.00	190.00		sil	-as general description	3	1540	187.00	190.00	3.00	20		0.12	
190.00	193.00		sil	-as general description, from 191.62-193.00m is broken	3	1541	190.00	193.00	3.00	30		0.13	
193.00	196.00		sil	-as general description, strongly broken with gouge to 194.85m then more competent	3	1542	193.00	196.00	3.00	50		0.26	
196.00	199.00		sil	-as general description	2-3	1543	196.00	199.00	3.00	10		0.10	
199.00	202.00		sil	-as general description, minor broken sections	2-3	1544	199.00	202.00	3.00	50		0.20	
202.00	205.00		sil	-as general description	2-3	1545	202.00	205.00	3.00	10		0.12	
205.00	208.00		sil	-as general description, quartz-carbonate tension gash infillings	3	1546	205.00	208.00	3.00	40		0.20	





Hole No.	PM-93-8	Northing	10534.0	Core Size	NQ	Depth	Dip	Azimuth	Depth	Dip	Azimuth	Started	OCT.18,1993	Target	PENTON ZONE
Property	POISON MTN.	Easting	9655.0	Casing	pulled	196.9	-	0				Completed	OCT.21,1993	Comments	
Location	LILLOOST	Elevation	1749.5	Length	196.95							Drill Co.	BOISVENO		
NTS	92-0/2	Latitude		Dip-Collar	-90							Logged By	W. RAVEN		
Claim No		Longitude		Bearing	N/A							Units	METERS		

FROM	TO	ROCK TYPE	ALT C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Ag ppb	Cu pct	Mo pct
4.27				OVERBURDEN -Casing pulled									
4.27	139.40			HORNFELS (GREYWACKE)  Grey-black colour, generally fine grained but some local coarser sections that are less altered greywacke. Strong oxidation with limonite on fractures to 12.50m. There are fine carbonate and quartz stringers throughout unit. Moderately fractured throughout. Mineralization is virtually all pyrite as stringer veins and fine to medium grained disseminations up to 8% but averaging 3-5%. Rare traces of chalcopyrite. Unit is weakly to moderately magnetic. Pyrite veins mostly at 45 and 80 to SCA but other attitudes also present. Unit has pale green "cherty" looking patches.									
4.27	7.00	sil,lim		-as general description	3	1564	4.27	7.00	2.73	10		0.13	
7.00	10.00	sil,lim		-as general description	4	1565	7.00	10.00	3.00	10		0.14	
10.00	13.00	sil,lim		-as general description, last oxidized sample	4	1566	10.00	13.00	3.00	10		0.14	
13.00	16.00	sil,chl		-as general description, minor chalcopyrite	4	1567	13.00	16.00	3.00	10		0.17	
16.00	19.00	sil,chl		-as above	4	1568	16.00	19.00	3.00	120		0.27	
19.00	22.00	sil,chl		-as general description, minor chalcopyrite	4	1569	19.00	22.00	3.00	10		0.21	
22.00	25.00	sil,chl		-as general description	4-5	1570	22.00	25.00	3.00	10		0.14	
25.00	28.00	sil,chl		-as general description	5	1571	25.00	28.00	3.00	10		0.17	
28.00	31.00	sil,chl		-as general description	5	1572	28.00	31.00	3.00	10		0.12	
31.00	34.00	sil,chl		-as general description	5	1573	31.00	34.00	3.00	10		0.11	
34.00	37.00	sil,chl		-as general description	5	1574	34.00	37.00	3.00	10		0.12	
37.00	40.00	sil,chl		-as general description, trace chalcopyrite	5	1575	37.00	40.00	3.00	10		0.11	
40.00	43.00	sil,chl		-as general description	4	1576	40.00	43.00	3.00	10		0.09	
43.00	46.00	sil,chl		-as general description	5	1577	43.00	46.00	3.00	10		0.12	
46.00	49.00	sil,chl		-as general description	5	1578	46.00	49.00	3.00	10		0.14	
49.00	52.00	sil,chl		-as general description, with silicified green splotches	5	1579	49.00	52.00	3.00	10		0.16	
52.00	55.00	sil,chl		-as above	5	1580	52.00	55.00	3.00	10		0.18	
55.00	58.00	sil,chl		-as above	5	1581	55.00	58.00	3.00	10		0.12	
58.00	61.00	sil,chl		-as general description	6	1582	58.00	61.00	3.00	120		0.14	
61.00	64.00	sil,chl		-as general description, minor chalcopyrite, from 63.11-64.00m is broken	6	1583	61.00	64.00	3.00	10		0.12	

FROM	TO	ROCK TYPE	ALT	POL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Ag ppb	Cu pct	Mo pct
64.00	67.00	sil,chl			-as general description	5	1584	64.00	67.00	3.00	30		0.13	
67.00	70.00	sil,chl			-as general description	5	1585	67.00	70.00	3.00	30		0.18	
70.00	73.00	sil,chl			-as general description	4	1586	70.00	73.00	3.00	50		0.23	
73.00	76.00	sil,chl			-as 49.00-52.00m	5	1587	73.00	76.00	3.00	30		0.19	
76.00	79.00	sil,chl			-as above	5	1588	76.00	79.00	3.00	30		0.16	
79.00	82.00	sil,chl			-as above	5	1589	79.00	82.00	3.00	40		0.19	
82.00	85.00	sil,chl			-as general description, broken throughout	5	1590	82.00	85.00	3.00	40		0.10	
85.00	88.00	sil,chl			-as general description, broken throughout	5	1591	85.00	88.00	3.00	30		0.13	
88.00	91.00	sil,chl			-as general description	5	1592	88.00	91.00	3.00	20		0.10	
91.00	94.00	sil,chl			-as general description	5	1593	91.00	94.00	3.00	30		0.16	
94.00	97.00	sil,chl			-as general description	5	1594	94.00	97.00	3.00	30		0.13	
97.00	100.00	sil,chl			-as general description, from 99.00-99.95m is rock chips and rubble	5	1595	97.00	100.00	3.00	30		0.16	
100.00	103.00	sil,chl			-as general description, most of interval is rubble	4	1596	100.00	103.00	3.00	40		0.13	
103.00	106.00	clay			-first 20cm as above then from 103.20-104.40m is grey-white gouge and bleached greywacke? unit is very soft, then greywacke to end	4	1597	103.00	106.00	3.00	20		0.09	
106.00	109.00	sil,car			-as general description, milky white quartz-carbonate? veins 2-7mm wide at 5-10 to SCA, some broken core	5	1598	106.00	109.00	3.00	20		0.10	
109.00	112.00	sil,car			-as general description, quartz-carbonate veins	5	1599	109.00	112.00	3.00	30		0.10	
112.00	115.00	sil,car			-as general description, broken with gouge to 112.35m	5	1600	112.00	115.00	3.00	30		0.15	
115.00	118.00	sil,car			-as general description, from 117.00-117.55m is broken	5	1601	115.00	118.00	3.00	20		0.10	
118.00	121.00	sil,car			-as general description	5	1602	118.00	121.00	3.00	20		0.10	
121.00	124.00	sil,car			-as general description	5	1603	121.00	124.00	3.00	20		0.15	
124.00	127.00	sil,car			-as general description	5	1604	124.00	127.00	3.00	30		0.11	
127.00	130.00	sil,car			-as general description, broken near end of interval	4-5	1605	127.00	130.00	3.00	20		0.10	
130.00	133.00	sil,car			-as general description, broken near end of interval	4	1606	130.00	133.00	3.00	10		0.10	
133.00	136.00	sil,car			-as general description, entire interval is basically a Fault Zone or is strongly fractured, main rubble and gouge at 134.24-135.36m	4	1607	133.00	136.00	3.00	40		0.14	
136.00	139.00	sil,car			-as general description, quartz veins (10%) with pyrite to 136.50m, rubble from 137.10-137.35m	4	1608	136.00	139.00	3.00	20		0.13	
139.40	160.32				<p> <b>FELDSPAR - HORNBLENDE PORPHYRY</b>                      Grey coloured rock with feldspar phenocrysts up to 5x10mm. Hornblende is smaller, about 2x6mm and is chloritized. Minor epidote blebs especially around pyrite stringer veins which are 1-3mm wide at 40 and 80 to SCA. Unit is weakly silicified with weak chlorite and sericite. Unit is non-magnetic. Upper and lower contacts both fairly sharp at approximately 85 to SCA. Mineralization is pyrite as fine disseminations and stringer veins.                 </p>									
139.00	142.00	sil,ep			-as general description, upper 40cm is hornfels	2	1609	139.00	142.00	3.00	20		0.11	
142.00	145.00	sil,ep			-as general description	2	1610	142.00	145.00	3.00	10		0.07	
145.00	148.00	sil,ep			-as general description, from 145.67-146.00m is bleached gouge with carbonate	2	1611	145.00	148.00	3.00	10		0.06	
148.00	151.00	sil,ep			-as general description	2	1612	148.00	151.00	3.00	10		0.07	



Hole No.	PM-93-9	Worthing	10613.6	Core Size	NQ	Depth	Dip	Azimuth	Depth	Dip	Azimuth	Started	OCT.21,1993	Target	FENTON ZONE
Property	POISON MTN.	Easting	9495.6	Casing	pulled			- 41				Completed	OCT.23,1993	Comments	
Location	LILLOGET	Elevation	1706.5	Length	233.54							Drill Co.	BOISVERU		
WTS	92-0/2	Latitude		Dip-Collar	-45							Logged By	W. RAVEN		
Claim No		Longitude		Bearing	090							Units	METERS		

FROM	TO	ROCK TYPE	ALT	POL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	PROM	TO	LENGTH	Au ppb	Ag ppm	Cu pct	Mo pct
	12.19				OVERBURDEN -Casing pulled									
12.19	33.00				GREYWACKE (HORNFELS)  Fine grained rock with greyish-black colour. Weakly banded (greenish chlorite? altered bands) = bedding? at 40-50 to SCA. Unit is non-magnetic but does have local magnetite bands 2-5mm wide. Mineralization consists largely of pyrite with lessor chalcocopyrite as disseminations and stringer veins. Patchy local silicification, some quartz-carbonate veining and minor gypsum veins. Unit is weakly oxidized to approximately 16.00m. Fairly competent core at top of hole unlike all the other holes. Very weak sericite on fractures.									
12.19	15.00		chl		-as general description, broken with minor gouge	2-3	1628	12.19	15.00	2.81	10		0.08	
15.00	18.00		chl		-as general description, broken to 16.00m	4	1629	15.00	18.00	3.00	10		0.09	
18.00	21.00		chl		-as general description, minor chalcocopyrite	4	1630	18.00	21.00	3.00	10		0.06	
21.00	24.00		chl		-as general description	4	1631	21.00	24.00	3.00	10		0.08	
24.00	27.00		chl		-as general description	4	1632	24.00	27.00	3.00	10		0.09	
27.00	30.00		chl		-as general description	4	1633	27.00	30.00	3.00	10		0.10	
30.00	33.00		chl		-as general description, minor chalcocopyrite and magnetite veins	4	1634	30.00	33.00	3.00	60		0.23	
33.00	41.00				BANDED GREYWACKE (HORNFELS)  Probably the same unit as above but has fairly pronounced banding and looks altered differently, has an almost reddish tinge. Banding = bedding? = at 40 to SCA. Stronger silicification than above unit. Mineralization dominated by pyrite with much lessor chalcocopyrite as disseminations and stringer veins. An arbitrary gradational upper contact, lower contact gradational change. Minor epidote splotches.									
33.00	36.00		sil		-as general description	2	1635	33.00	36.00	3.00	20		0.11	
36.00	39.00		sil		-as general description	2-3	1636	36.00	39.00	3.00	nd		0.08	
39.00	42.00		sil		-as general description, minor broken core	2-3	1637	39.00	42.00	3.00	10		0.13	
42.00	45.00		sil		-as general description, some greenish bleached sections, last 10cm is fault gouge	2-3	1638	42.00	45.00	3.00	10		0.08	

FROM	TO	ROCK TYPE	ALT POL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Ag ppb	Cu pct	Mo pct
45.00	48.00		sil	-as general description	2-3	1639	45.00	48.00	3.00	20		0.09	
48.00	51.00		sil	-as general description	2-3	1640	48.00	51.00	3.00	10		0.11	
51.00	54.00		sil	-as general description, minor gouge	2-3	1641	51.00	54.00	3.00	10		0.13	
54.00	57.00		sil	-as general description, from 55.20-56.20m is greenish-grey gouge and rubble, rest of interval broken	2-3	1642	54.00	57.00	3.00	20		0.15	
57.00	60.00		sil,car	-as general description, from 57.30-57.60m is broken with gouge	2-3	1643	57.00	60.00	3.00	10		0.10	
60.00	63.00		sil,car	-from 60.75-63.00m is virtually all gouge in Pault Bone, most of it is greenish-grey colour with carbonate, minor competent core	2-3	1644	60.00	63.00	3.00	20		0.15	
63.00	66.00		sil,car	-as general description, from 63.00-63.70m is Pault Gouge as above	2-3	1645	63.00	66.00	3.00	20		0.14	
66.00	69.00		sil	-as general description, at 66.53m is a 4mm moly vein at 50 to SCA	2-3	1646	66.00	69.00	3.00	10		0.09	
69.00	72.00		sil	-as general description, minor chalcopryrite	3	1647	69.00	72.00	3.00	30		0.13	
72.00	75.00		sil	-as general description, minor chalcopryrite	3	1648	72.00	75.00	3.00	20		0.12	
75.00	78.00		sil	-as general description, minor chalcopryrite	3	1649	75.00	78.00	3.00	50		0.41	
78.00	81.00		sil	-as general description, gradual change back into the non-banded greywacke - hornfels	3	1650	78.00	81.00	3.00	40		0.17	
81.00	100.10			GREYWACKE (HORNPELS)  As previously described, 12.19-33.00m. A gradual change back into this unit, no distinct contacts. Some weak banding but not pronounced like above unit. Unit is moderately to strongly fractured, and looks weakly brecciated throughout with minor epidote splotches.									
81.00	84.00		sil	-as general description, fractured with quartz-carbonate tension gash infillings	3	1651	81.00	84.00	3.00	20		0.11	
84.00	87.00		sil	-as above	3	1652	84.00	87.00	3.00	20		0.13	
87.00	90.00		sil	-as above	3	1653	87.00	90.00	3.00	20		0.13	
90.00	93.00		sil	-as above, gouge and rubble from 90.00-90.15m and 91.00-91.70m	3	1654	90.00	93.00	3.00	10		0.17	
93.00	96.00		sil	-as general description	3	1655	93.00	96.00	3.00	30		0.20	
96.00	99.00		sil	-as general description	3	1656	96.00	99.00	3.00	40		0.18	
100.10	162.28			PELDSPAR - HORNBLENDE PORPHYRY  Mottled grey and white coloured rock, grey is matrix, white is feldspar phenocrysts up to 818mm and 20-30% of the unit. Hornblende not as coarse or as abundant and is chloritized. Minor biotite also present, not sure if its primary or alteration. Unit is silicified and is non-magnetic. Feldspars are sausseritized a pale to medium green colour which fades below 107.00m and resumes again at 141.00m. The mineralization is mostly pyrite with minor chalcopryrite largely as disseminations with minor stringer veins. Some better sections of chalcopryrite, with more in this unit than above units. Upper contact sharp at 70 to SCA, lower contact sharp at 40 to SCA.									
99.00	102.00		sil,chl	-as general description, upper 1.10m is hornfels	1-2	1657	99.00	102.00	3.00	100		0.32	

FROM	TO	ROCK TYPE	ALT C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Ag ppa	Cu pct	Mo pct
102.00	105.00	sil,chl		-as general description, minor broken core		1-2	1658	102.00	105.00	3.00	90		0.32
105.00	108.00	sil,chl		-as general description		1-2	1659	105.00	108.00	3.00	140		0.39
108.00	111.00	sil,chl		-as general description		1-2	1660	108.00	111.00	3.00	70		0.23
111.00	114.00	sil,chl		-as general description		1-2	1661	111.00	114.00	3.00	110		0.40
114.00	117.00	sil,chl		-as general description, at 114.43m is a 1cm wide quartz-chalcopyrite-pyrite vein at 50 to SCA, with 30% sulphides - mostly chalcopyrite		2	1662	114.00	117.00	3.00	100		0.40
117.00	120.00	sil,chl		-as general description		2	1663	117.00	120.00	3.00	120		0.36
120.00	123.00	sil,chl		-as general description		1-2	1664	120.00	123.00	3.00	80		0.27
123.00	126.00	sil,chl		-as general description, from 122.90-123.40m and 125.00-125.74m is a fine grained grey coloured dyke		1-2	1665	123.00	126.00	3.00	60		0.15
126.00	129.00	sil,chl		-as general description		1-2	1666	126.00	129.00	3.00	120		0.31
129.00	132.00	sil,chl		-as general description, good chalcopyrite		2-3	1667	129.00	132.00	3.00	70		0.37
132.00	135.00	sil,chl		-as general description		2	1668	132.00	135.00	3.00	110		0.37
135.00	138.00	sil,chl		-as general description		2	1669	135.00	138.00	3.00	90		0.30
138.00	141.00	sil,chl		-as general description		2	1670	138.00	141.00	3.00	50		0.28
141.00	144.00	sil,chl		-as general description, unit is sausseritized again		2	1671	141.00	144.00	3.00	90		0.39
144.00	147.00	sil,chl		-Diorite - finer grained rock, basically equigranular with weak sausseritization of feldspars, upper and lower contacts both fairly sharp at 20-30 to SCA		2	1672	144.00	147.00	3.00	30		0.09
147.00	150.00	sil,chl		-upper 22cm as above then as general description, feldspars are sausseritized		2	1673	147.00	150.00	3.00	120		0.40
150.00	153.00	sil,chl		-as general description, moderate fracturing		2	1674	150.00	153.00	3.00	70		0.29
153.00	156.00	sil,chl		-as above		2	1675	153.00	156.00	3.00	130		0.43
156.00	159.00	sil,chl		-as above		2	1676	156.00	159.00	3.00	80		0.30
159.00	162.00	sil,chl		-as above		2	1677	159.00	162.00	3.00	120		0.38
162.28	233.54			<b>HORNFELS (GREYWACKE)</b>  Greyish-black coloured rock with some greenish (chlorite?) bands at 30-40 to SCA. Unit is silicified and also has quartz-carbonate stringer veins and minor gypsum veins. Weak chlorite and sericite alteration. Mineralization is pyrite and chalcopyrite as dissemination and stringer veins at various orientations. Pyrite > chalcopyrite but some sections of good chalcopyrite. Upper contact sharp at 40 to SCA. Generally a competent unit but with some local broken sections.									
162.00	165.00	sil,chl		-as general description, strongly broken		2-3	1678	162.00	165.00	3.00	70		0.27
165.00	168.00	sil,chl		-as general description, strongly broken to 165.85m then competent		3	1679	165.00	168.00	3.00	40		0.21
166.00	171.00	sil,chl		-as general description		4	1680	168.00	171.00	3.00	20		0.23
171.00	174.00	sil,chl		-as general description, good chalcopyrite near end of interval		4	1681	171.00	174.00	3.00	60		0.28
174.00	177.00	sil,chl		-as general description, good chalcopyrite		4	1682	174.00	177.00	3.00	90		0.39
177.00	180.00	sil,chl		-as general description, good chalcopyrite		4	1683	177.00	180.00	3.00	50		0.19
180.00	183.00	sil,chl		-as general description, fair chalcopyrite		4	1684	180.00	183.00	3.00	80		0.25
183.00	186.00	sil,chl		-as general description, fair chalcopyrite		4	1685	183.00	186.00	3.00	70		0.27
186.00	189.00	sil,chl		-as general description, fair chalcopyrite		4	1686	186.00	189.00	3.00	30		0.19









FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppt	Ag ppt	Cu pct	Mo pct
77.00	80.00	car,cla			-as above, poor chalcoppyrite	1-2	1723	77.00	80.00	3.00	80		0.32	
80.00	83.00	car,cla			-as above, fair chalcoppyrite	1-2	1724	80.00	83.00	3.00	100		0.36	
83.00	86.00	car,cla			-as above, more hornfels than greywacke, minor siliceous patches	1-2	1725	83.00	86.00	3.00	70		0.30	
86.00	89.00	car,cla			-as above, minor siliceous patches, at 88.30-88.50m is a 5-15mm wide quartz-pyrite vein at 70 to SCA	1-2	1726	86.00	89.00	3.00	90		0.27	
89.00	92.00	car,cla			-as above, gradual decrease in tension gash infilling and fracturing of rock	1-2	1727	89.00	92.00	3.00	100		0.33	
92.00	200.35				GREYWACKE / HORNPELS									
					Intercalations of both rock types - coarser grained grey coloured greywacke and finer grained dark black hornfels. Minor quartz-carbonate veins and gypsum veining (1-2%) more prevalent. Sericite on fractures. Mineralization is still fine disseminations of pyrite (1-2%) and chalcoppyrite (trace-1%)									
92.00	95.00	ser,gyp			-as general description, brecciated from 94.26-95.00m	1-2	1728	92.00	95.00	3.00	90		0.31	
95.00	98.00	ser,gyp			-as general description, minor gouge, fair chalcoppyrite	1-2	1729	95.00	98.00	3.00	80		0.27	
98.00	101.00	ser,gyp			-as general description, from 100.15-100.73m is clay gouge, unit more like hornfels	1-2	1730	98.00	101.00	3.00	130		0.23	
101.00	104.00	ser,gyp			-hornfels with 3-5% gypsum veins at various attitudes, better chalcoppyrite 1% and trace bornite	1-2	1731	101.00	104.00	3.00	230		0.35	
104.00	107.00	ser,gyp			-as general description, weak to fair chalcoppyrite, 5% gypsum veins	1-2	1732	104.00	107.00	3.00	80		0.23	
107.00	110.00	ser,gyp			-as general description, contains 3 x 1cm gypsum-pyrite veins (5-8% pyrite) at 70 to SCA, poor chalcoppyrite	2	1733	107.00	110.00	3.00	70		0.21	
110.00	113.00	ser,gyp			-as general description, upper 40cm is semi-brecciated	1-2	1734	110.00	113.00	3.00	80		0.32	
113.00	116.00	ser,gyp			-as general description, 115.44-116.00m is semi-brecciated with 3mm pyrite vein at 88 to SCA	1-2	1735	113.00	116.00	3.00	40		0.22	
116.00	119.00	ser,gyp			-as general description, gypsum-pyrite vein as above to 116.60m	1-2	1736	116.00	119.00	3.00	30		0.15	
119.00	122.00	ser,gyp			-as general description	1-2	1737	119.00	122.00	3.00	120		0.25	
122.00	125.00	ser,gyp			-as general description, 10% gypsum veins to 123.40m, from 122.20-123.40m is 2mm pyrite vein at 88 to SCA	1-2	1738	122.00	125.00	3.00	70		0.21	
125.00	128.00	ser,gyp			-as general description, from 127.30-128.00m is a 5mm gypsum-pyrite vein (30% pyrite) at 88 to SCA	1	1739	125.00	128.00	3.00	60		0.20	
128.00	131.00	ser,gyp			-as general description, vein as above to 128.40m	1-2	1740	128.00	131.00	3.00	160		0.39	
131.00	134.00	gyp,ser			-as general description, from 132.55-134.23m is FELDSPAR-BIOTITE PORPHYRY, upper contact at 50 to SCA, lower contact at 70 to SCA	1-2	1741	131.00	134.00	3.00	70		0.27	
134.00	137.00	gyp,ser			-as general description, from 134.56-134.98m is a 3mm wide gypsum-pyrite vein at 80-85 to SCA, from 135.22-135.60m is quartz-carbonate vein 1-2cm wide with trace chalcoppyrite at 70 to SCA, from 136.28-136.61m is gypsum-pyrite veining	2	1742	134.00	137.00	3.00	190		0.33	
137.00	140.00	gyp,ser			-as general description	1-2	1743	137.00	140.00	3.00	210		0.34	
140.00	143.00	gyp,ser			-as general description, from 142.38-142.62m is brecciated clay gouge	1-2	1744	140.00	143.00	3.00	160		0.36	
143.00	146.00	gyp,ser			-as general description	1-2	1745	143.00	146.00	3.00	130		0.42	
146.00	149.00	gyp,ser			-as general description	1-2	1746	146.00	149.00	3.00	150		0.33	



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HOLE # : PM-93-10

PAGE # 5 of 8

FROM	TO	ROCK TYPE	ALT	FOL C/A	DESCRIPTION	% SULPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Ag ppm	Cu pct	Mo pct
					and trace pyrite as disseminations									
206.00	209.00				-as general description	1	1766	206.00	209.00	3.00	300		0.33	
209.00	212.00				-as general description, last 96cm is FELDSPAR-BIOTITE PORPHYRY	1	1767	209.00	212.00	3.00	380		0.32	
211.04	218.56				FELDSPAR - BIOTITE PORPHYRY									
					As previously described. Feldspars are weakly sausseritized. Gypsum veins not as abundant as in greywacke but still 2-3%. Upper contact fairly sharp at 50 to SCA, lower contact at 40 to SCA. Mineralization is mostly chalcopyrite (tr-1%) with trace bornite and pyrite as disseminations. Unit is non-magnetic.									
212.00	215.00				-as general description	1	1768	212.00	215.00	3.00	240		0.23	
215.00	218.00				-as general description	1	1769	215.00	218.00	3.00	170		0.14	
218.56	230.82				GREYWACKE / HORNPELS									
					As previously described. Gypsum veins still abundant (5%). Mineralization is largely fine disseminations of pyrite and chalcopyrite, both trace-1% with minor traces of bornite. Upper contact fairly sharp at 40 to SCA, lower contact reasonably sharp at 60 to SCA.									
218.00	221.00				-as general description, upper 36cm is FELDSPAR-BIOTITE PORPHYRY, 0.5% disseminated chalcopyrite	tr-1	1770	218.00	221.00	3.00	150		0.17	
221.00	224.00				-as general description, fair chalcopyrite, 30cm of porphyry as above	1	1771	221.00	224.00	3.00	130		0.18	
224.00	227.00				-as general description, quartz flooded with 10% veins 1-15mm wide mostly at 40-50 to SCA, 0.5-1% chalcopyrite	1-2	1772	224.00	227.00	3.00	150		0.13	
227.00	230.00				-as general description	1-2	1773	227.00	230.00	3.00	110		0.11	
230.82	243.54				FELDSPAR - BIOTITE PORPHYRY									
					As previously described, a little hornblende but mostly biotite. Very weak sausseritization of feldspars. Gypsum veins still prominent alteration. Upper contact reasonably sharp at 60 to SCA, lower contact very sharp along 5mm wide gypsum vein at 20 to SCA. Weak sulphide mineralization with trace-0.5% pyrite and chalcopyrite respectively and trace bornite. More quartz veining than in previous units (1-3%)									
230.00	233.00				-as general description, upper 54cm is greywacke	tr-1	1774	230.00	233.00	3.00	140		0.17	
233.00	236.00				-as general description, from 234.23-234.45m is gouge with 1% pyrite	tr-1	1775	233.00	236.00	3.00	130		0.19	
236.00	239.00				-as general description	tr-1	1776	236.00	239.00	3.00	260		0.20	
239.00	242.00				-as general description	tr-1	1777	239.00	242.00	3.00	100		0.13	
242.00	245.00				-as general description, last 1.46m is greywacke	tr-1	1778	242.00	245.00	3.00	120		0.15	

FROM	TO	ROCK TYPE	ALT	PCL C/A	DESCRIPTION	% SOLPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Ag ppb	Cu pct	Mo pct
243.54	330.05				GREYWACKE									
					Speckled greenish-grey and white colour, fine to medium grained massive texture. Doesn't look as altered as the other greywackes in the matrix but does have pervasive quartz and gypsum veining at various attitudes. Mineralization is fine disseminations of pyrite (0.5%) and chalcopyrite (0.5%) with rare traces of bornite									
245.00	248.00				-as general description		1779	245.00	248.00	3.00	150		0.19	
248.00	251.00				-as general description		1780	248.00	251.00	3.00	160		0.20	
251.00	254.00				-as general description, good bornite in quartz smear at 252.95-253.10m		1781	251.00	254.00	3.00	250		0.23	
254.00	257.00				-as general description, very minor bornite		1782	254.00	257.00	3.00	130		0.18	
257.00	260.00				-as general description, from 257.60-258.20m is PELDSPAR-BIOTITE PORPHYRY, trace chalcopyrite and bornite		1783	257.00	260.00	3.00	110		0.17	
260.00	263.00				-as general description, minor patches of porphyry, 0.5% chalcopyrite and trace bornite		1784	260.00	263.00	3.00	130		0.19	
263.00	266.00				-as general description, from 263.15-263.60m is gypsum-pyrite +/- chalcopyrite vein 5-7mm wide at 80 to SCA		1785	263.00	266.00	3.00	140		0.20	
266.00	269.00				-as general description, 0.5% chalcopyrite, trace bornite		1786	266.00	269.00	3.00	250		0.31	
269.00	272.00				-as general description, from 269.66-270.10m is silica flooded (80%) with massive pyrite (70%) and trace chalcopyrite from 269.88-269.94m, 2 pyrite veins 2mm wide at 70 and 80 to SCA at 270.65-270.95m with trace chalcopyrite in veins		1787	269.00	272.00	3.00	350		0.30	
272.00	275.00				-as general description, minor pyrite veins at 70 to SCA		1788	272.00	275.00	3.00	150		0.20	
275.00	278.00				-as general description, from 275.48-276.52m is gypsum-pyrite +/- chalcopyrite vein 5-10mm wide at 88 to SCA, from 276.52-277.00m is vuggy and broken partial gouge		1789	275.00	278.00	3.00	190		0.24	
278.00	281.00				-as general description, 0.5% chalcopyrite, trace bornite		1790	278.00	281.00	3.00	140		0.25	
281.00	284.00				-as general description, 0.5% chalcopyrite, trace bornite		1791	281.00	284.00	3.00	120		0.20	
284.00	287.00				-as general description, 0.5% chalcopyrite, trace bornite		1792	284.00	287.00	3.00	280		0.36	
287.00	290.00				-as general description, 0.5% chalcopyrite, trace bornite		1793	287.00	290.00	3.00	300		0.39	
290.00	293.00				-as above, minor reddish sphalerite?		1794	290.00	293.00	3.00	210		0.30	
293.00	296.00				-as general description, from 294.10-294.88m is PELDSPAR-BIOTITE PORPHYRY, trace chalcopyrite and bornite		1795	293.00	296.00	3.00	140		0.13	
296.00	299.00				-as general description, from 298.28-298.33m is a band of massive magnetite with 1% chalcopyrite and 2% dark red sphalerite? at approximately 40 to SCA		1796	296.00	299.00	3.00	100		0.18	
299.00	302.00				-as general description but with 10% patchy blebs of PELDSPAR-BIOTITE PORPHYRY		1797	299.00	302.00	3.00	50		0.10	
302.00	305.00				-as general description, minor "cherty" blebs, from 302.60-303.00m is silica flooded with 3-5% banded pyrite at 50 to SCA		1798	302.00	305.00	3.00	190		0.22	
305.00	308.00				-as general description		1799	305.00	308.00	3.00	100		0.21	
308.00	311.00				-as general description, minor chalcopyrite and bornite		1800	308.00	311.00	3.00	120		0.23	
311.00	314.00				-as general description		1801	311.00	314.00	3.00	110		0.19	
314.00	317.00				-as general description		1802	314.00	317.00	3.00	110		0.19	

FROM	TO	ROCK TYPE	ALT	POL C/A	DESCRIPTION	% SOLPHIDE	SAMPLE No.	FROM	TO	LENGTH	Au ppb	Ag ppm	Cu pct	Mo pct
317.00	320.00				-as general description, minor gypsum-pyrite veins 0.25% chalcopyrite	tr-1	1803	317.00	320.00	3.00	40		0.12	
320.00	323.00				-as general description	tr-1	1804	320.00	323.00	3.00	120		0.19	
323.00	326.00				-as general description, from 324.94-325.07m is gypsum-pyrite vein 8mm wide at 70 to SCA	tr-1	1805	323.00	326.00	3.00	80		0.15	
326.00	329.00				-as general description, minor gypsum-pyrite veins	tr-1	1806	326.00	329.00	3.00	110		0.19	
330.05	333.73				PELDSPAR - BIOTITE - HORNBLENDE PORPHYRY									
					Similar to the biotite porphyry but with porphyritic hornblende crystals. Biotite still quite common - may be alteration product rather than primary in origin. Unit looks very similar to the biotite porphyry. Mineralization is fine disseminations of chalcopyrite to 0.5% with minor traces of bornite. Gypsum veining still abundant. Upper contact sharp at 70 to SCA, lower contact fairly sharp at approximately 10 to SCA.									
329.00	332.00				-as general description, upper 1.05m of interval is greywacke	tr-1	1807	329.00	332.00	3.00	120		0.19	
332.00	335.00				-as general description, lower 1.25m of interval is greywacke	tr-1	1808	332.00	335.00	3.00	110		0.18	
333.73	342.03				GREYWACKE / HORNPELS									
					As previously described. Lower contact sharp at 40 to SCA.									
335.00	338.00				-as general description	tr-1	1809	335.00	338.00	3.00	170		0.26	
338.00	341.00				-as general description	tr-1	1810	338.00	341.00	3.00	90		0.18	
342.03	370.43				PELDSPAR - BIOTITE - HORNBLENDE PORPHYRY									
					As previously described. Minor patches of greywacke generally < 30cm in length with most of it near the upper contact. Gypsum and quartz veins still prevalent. Mineralization is fine disseminations of chalcopyrite (trace-0.5%) and trace bornite with trace-1% pyrite. Some pyrite also present in gypsum veins.									
341.00	344.00				-as general description, upper 1.03m is greywacke	tr-1	1811	341.00	344.00	3.00	80		0.16	
344.00	347.00				-as general description, mostly greywacke from 346.40-347.00m	tr-1	1812	344.00	347.00	3.00	150		0.17	
347.00	350.00				-as general description, minor greywacke	tr-1	1813	347.00	350.00	3.00	130		0.20	
350.00	353.00				-as general description, patchy silicified sections with pyrite stringer veins 1-2mm wide	tr-1	1814	350.00	353.00	3.00	110		0.18	
353.00	356.00				-as general description, minor greywacke	tr-1	1815	353.00	356.00	3.00	130		0.16	
356.00	359.00				-as general description	tr-1	1816	356.00	359.00	3.00	80		0.12	
359.00	362.00				-semi-brecciated looking greywacke and porphyry flooded with quartz and gypsum	tr-1	1817	359.00	362.00	3.00	60		0.10	
362.00	365.00				-as general description	tr-1	1818	362.00	365.00	3.00	150		0.18	
365.00	368.00				-as general description, gypsum-pyrite vein at 85 to SCA from 365.90-366.70m	tr-1	1819	365.00	368.00	3.00	140		0.13	



APPENDIX II  
ANALYTICAL RESULTS



**GEOCHEMICAL ANALYTICAL REPORT**

CLIENT: BETHLEHEM RESOURCES CORP.  
ADDRESS: 700 - 815 W. Hastings St.  
: Vancouver, BC  
: V6C 1B4

DATE: OCT 04 1993

REPORT#: 930097 GA  
JOB#: 930097

PROJECT#: POISON MTN  
SAMPLES ARRIVED: SEP 30 1993  
REPORT COMPLETED: OCT 04 1993  
ANALYSED FOR: Au (FA/AAS) 30g

INVOICE#: 930097 NA  
TOTAL SAMPLES: 78  
SAMPLE TYPE: 78 CORE  
REJECTS: SAVED

SAMPLES FROM: MR. WES RAVEN  
COPY SENT TO: OREQUEST CONSULTANTS LTD.

PREPARED FOR: MR. PAT MCANDLESS & MR. GEORGE CAVEY

ANALYSED BY: Raymond Chan

SIGNED:



GENERAL REMARK: RESULTS FAXED TO MR. PAT MCANDLESS - BETHLEHEM @ 687-0560 AND MR. GEORGE CAVEY - OREQUEST @ 688-9727.

REPORT NUMBER: 930097 GA

JOB NUMBER: 930097

BETHELEN RESOURCES CORP.

PAGE 1 OF 2

SAMPLE #		Au ppb
1001	13.41-16.00	100
1002	16-19	90
1003	19-22	70
1004	22-25	30
1005	25-28	20
1006	28-31	40
1007	31-34	10
1008	34-37	120
1009	37-40	100
1010	40-43	90
1011	43-46	180
1012	46-49	160
1013	49-52	160
1014	52-55	70
1015	55-58	110
1016	58-61	140
1017	61-64	150
1018	64-67	160
1019	67-70	200
1020	70-73	50
1021	73-76	170
1022	76-79	180
1023	79-82	260
1024	82-85	450
1025	85-88	120
1026	88-91	110
1027	91-94	190
1028	94-97	170
1029	97-100	110
1030	100-103	140
1031	103-106	130
1032	106-109	170
1033	109-112	240
1034	112-115	220
1035	115-118	210
1036	118-121	300
1037	121-124	240
1038	124-127	120
1039	127-130	150

DETECTION LIMIT

2

nd = none detected

-- = not analysed

is = insufficient sample

REPORT NUMBER: 930097 GA

JOB NUMBER: 930097

BETHLEHEM RESOURCES CORP.

PAGE 2 OF 2

SAMPLE #	Au
	ppb
1040 130-133	150
1041 133-136	110
1042 136-139	140
1043 139-142	170
1044 142-145	180
1045 145-148	150
1046 148-151	160
1047 151-154	140
1048 154-157	110
1049 157-160	130
1050 160-163	110
1051 163-166	140
1052 166-169	170
1053 169-172	130
1054 172-175	90
1055 175-178	110
1056 178-181	100
1057 181-184	80
1058 184-187	230
1059 187-190	90
1060 190-193	130
1061 193-196	50
1062 196-199	120
1063 199-202	150
1064 202-205	130
1065 205-208	150
1066 208-211	110
1067 211-214	120
1068 214-217	10
1069 217-220	120
1070 220-223	210
1071 223-226	200
1072 226-229	740
1073 229-232	610
1074 232-235	250
1075 235-238	180
1076 238-241	40
1077 241-244	100
1078 244-247	90

DETECTION LIMIT

2

nd = none detected

-- = not analysed

ls = insufficient sample

**ASSAY ANALYTICAL REPORT**  
=====

CLIENT: BETHLEHEM RESOURCES CORP.  
ADDRESS: 700 - 815 W. Hastings St.  
: Vancouver, BC  
: V6C 1B4

DATE: OCT 05 1993

REPORT#: 930097 AA  
JOB#: 930097

PROJECT#: POISON MTN  
SAMPLES ARRIVED: SEP 30 1993  
REPORT COMPLETED: OCT 05 1993  
ANALYSED FOR: Mo Cu Ag

INVOICE#: 930097 NA  
TOTAL SAMPLES: 78  
REJECTS/PULPS: 90 DAYS/1 YR  
SAMPLE TYPE: 78 CORE

SAMPLES FROM: MR. WES RAVEN  
COPY SENT TO: OREQUEST CONSULTANTS LTD.

PREPARED FOR: MR. PAT MCANDLESS & MR. GEORGE CAVEY

ANALYSED BY: Raymond Chan

SIGNED: \_\_\_\_\_

Registered Provincial Assayer

GENERAL REMARK: RESULTS FAXED TO MR. PAT MCANDLESS - BETHLEHEM @  
687-0560 & TO MR. GEORGE CAVEY - OREQUEST @ 688-9727.

REPORT NUMBER: 930097 AA

JOB NUMBER: 930097

BETHLEHEM RESOURCES CORP.

PAGE 1 OF 4

SAMPLE #		Mo %	Cu %	Ag ppm
1001	13.41-16.00	0.01	0.13	0.8
1002	16-19	0.01	0.15	0.5
1003	19-22	0.01	0.14	0.3
1004	22-25	0.01	0.15	0.6
1005	25-28	0.01	0.10	0.5
1006	28-31	0.01	0.15	0.8
1007	31-34	0.01	0.10	0.6
1008	34-37	0.01	0.31	1.0
1009	37-40	0.03	0.34	0.2
1010	40-43	0.03	0.27	0.1
1011	43-46	0.01	0.50	0.4
1012	46-49	0.01	0.46	< 0.1
1013	49-52	0.01	0.33	< 0.1
1014	52-55	0.01	0.23	< 0.1
1015	55-58	0.01	0.27	0.1
1016	58-61	0.01	0.38	0.4
1017	61-64	0.01	0.35	0.3
1018	64-67	0.01	0.38	0.7
1019	67-70	0.01	0.32	0.1
1020	70-73	0.01	0.18	0.1

DETECTION LIMIT

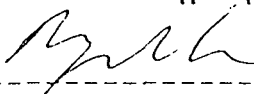
0.01

0.01

0.1

1 Troy oz/short ton = 34.28 ppm    1 ppm = 0.0001 %    ppm = parts per million    < = less than

signed: \_\_\_\_\_



REPORT NUMBER: 030007 AA

JOB NUMBER: 030007

BETHELEN RESOURCES CORP.

PAGE 2 OF 4

SAMPLE #	Mo %	Cu %	Ag ppm
1021 73-76	0.03	0.38	0.3
1022 76-79	0.01	0.32	0.6
1023 79-82	0.02	0.69	2.3
1024 82-85	0.02	0.89	2.1
1025 85-88	0.02	0.33	1.2
1026 88-91	0.01	0.27	1.2
1027 91-94	0.02	0.55	1.1
1028 94-97	0.01	0.48	0.8
1029 97-100	0.01	0.30	0.4
1030 100-103	0.01	0.35	0.9
1031 103-106	0.01	0.29	0.4
1032 106-109	0.01	0.34	< 0.1
1033 109-112	0.01	0.33	0.5
1034 112-115	0.01	0.42	0.2
1035 115-118	0.01	0.52	0.4
1036 118-121	0.01	0.68	1.2
1037 121-124	0.01	0.59	1.0
1038 124-127	0.01	0.28	0.4
1039 127-130	0.01	0.36	0.9
1040 130-133	0.03	0.42	< 0.1

DETECTION LIMIT

0.01

0.01

0.1

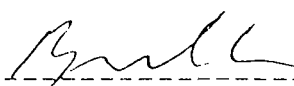
1 Troy oz/short ton = 34.28 ppm

1 ppm = 0.0001 %

ppm = parts per million

< = less than

signed: \_\_\_\_\_



REPORT NUMBER: 930097 AA

JOB NUMBER: 930097

BETHELEM RESOURCES CORP.

PAGE 3 OF 4

SAMPLE #	Mo %	Cu %	Ag ppm
1041 133-136	0.02	0.27	0.3
1042 136-139	0.02	0.31	0.4
1043 139-142	0.01	0.52	0.5
1044 142-145	0.01	0.33	0.4
1045 145-148	< 0.01	0.35	0.7
1046 148-151	0.01	0.28	< 0.1
1047 151-154	0.01	0.41	0.2
1048 154-157	0.01	0.28	< 0.1
1049 157-160	0.01	0.33	< 0.1
1050 160-163	0.01	0.42	0.3
1051 163-166	0.01	0.46	< 0.1
1052 166-169	0.01	0.36	0.3
1053 169-172	0.02	0.38	0.8
1054 172-175	0.01	0.25	0.1
1055 175-178	0.01	0.28	0.3
1056 178-181	0.01	0.31	< 0.1
1057 181-184	0.01	0.23	< 0.1
1058 184-187	0.01	0.49	0.8
1059 187-190	0.01	0.29	0.4
1060 190-193	0.01	0.40	0.1

DETECTION LIMIT                      0.01                      0.01                      0.1  
 1 Troy oz/short ton = 34.28 ppm    1 ppm = 0.0001 %    ppm = parts per million    < = less than

signed: \_\_\_\_\_

REPORT NUMBER: 930097 AA

JOB NUMBER: 930097

BETHLEHEM RESOURCES CORP.

PAGE 4 OF 4

SAMPLE #	Mo %	Cu %	Ag ppm
1061 193-196	0.01	0.20	0.3
1062 196-199	0.01	0.39	0.4
1063 199-202	0.01	0.62	< 0.1
1064 202-205	0.01	0.37	< 0.1
1065 205-208	0.01	0.34	0.4
1066 208-211	0.01	0.31	0.6
1067 211-214	0.02	0.26	0.1
1068 214-217	0.02	0.14	0.2
1069 217-220	0.01	0.36	0.8
1070 220-223	0.02	0.47	1.6
1071 223-226	0.01	0.31	1.3
1072 226-229	0.13	1.06	3.6
1073 229-232	0.12	1.09	4.3
1074 232-235	0.05	0.32	2.2
1075 235-238	0.01	0.26	0.6
1076 238-241	0.01	0.10	< 0.1
1077 241-244	0.03	0.09	0.7
1078 244-247	0.01	0.09	0.4

DETECTION LIMIT                      0.01                      0.01                      0.1  
 1 Troy oz/short ton = 34.28 ppm    1 ppm = 0.0001 %    ppm = parts per million    < = less than

signed: \_\_\_\_\_



**GEOCHEMICAL ANALYTICAL REPORT**  
=====

CLIENT: BETHLEHEM RESOURCES CORP.  
ADDRESS: 700 - 815 W. Hastings St.  
: Vancouver, BC  
: V6C 1B4

DATE: OCT 06 1993

REPORT#: 930100 GA  
JOB#: 930100

PROJECT#: POISON MTN  
SAMPLES ARRIVED: OCT 04 1993  
REPORT COMPLETED: OCT 06 1993  
ANALYSED FOR: Au (FA/AAS) 30g

INVOICE#: 930100 NA  
TOTAL SAMPLES: 51  
SAMPLE TYPE: 51 CORE  
REJECTS: SAVED

SAMPLES FROM: MR. WES RAVEN  
COPY SENT TO: OREQUEST CONSULTANTS LTD.

PREPARED FOR: MR. PAT MCANDLESS & MR. GEORGE CAVEY

ANALYSED BY: Raymond Chan

SIGNED: 

GENERAL REMARK: RESULTS FAXED TO MR. PAT MCANDLESS - BETHLEHEM @  
687-0560 & TO MR. GEORGE CAVEY - OREQUEST @ 688-9727.

REPORT NUMBER: 930100 GA

JOB NUMBER: 930100

BETHLEHEM RESOURCES CORP.

PAGE 1 OF 2

SAMPLE #	Au ppb
1079 247-250	80
1080 250-253	100
1081 253-256	200
1082 256-259	250
1083 259-262	250
1084 262-265	100
1085 265-268	90
1086 268-271	250
1087 271-273.48	50
1088	30
1089	20
1090	20
1091	30
1092	20
1093	20
1094	30
1095	30
1096	30
1097	30
1098	50
1099	40
1100	50
1101	20
1102	30
1103	80
1104	50
1105	30
1106	30
1107	90
1108	80
1109	30
1110	60
1111	70
1112	50
1113	20
1114	30
1115	250
1116	600
1117	80

DETECTION LIMIT 2

nd = none detected

-- = not analysed

ls = insufficient sample

REPORT NUMBER: 930100 GA

JOB NUMBER: 930100

BETHLEHEM RESOURCES CORP.

PAGE 2 OF 2

SAMPLE #	Au ppb
1118	50
1119	30
1120	80
1121	40
1122	40
1123	50
1124	30
1125	40
1126	30
1127	50
1128	50
1129	20

DETECTION LIMIT  
nd = none detected

-- = not analysed

2  
is = insufficient sample

**ASSAY ANALYTICAL REPORT**  
=====

CLIENT: BETHLEHEM RESOURCES CORP.  
ADDRESS: 700 - 815 W. Hastings St.  
: Vancouver, BC  
: V6C 1B4

DATE: OCT 06 1993

REPORT#: 930100 AA  
JOB#: 930100

PROJECT#: POISON MTN  
SAMPLES ARRIVED: OCT 04 1993  
REPORT COMPLETED: OCT 06 1993  
ANALYSED FOR: Mo Cu Ag

INVOICE#: 930100 NA  
TOTAL SAMPLES: 51  
REJECTS/PULPS: 90 DAYS/1 YR  
SAMPLE TYPE: 51 CORE

SAMPLES FROM: MR. WES RAVEN  
COPY SENT TO: OREQUEST CONSULTANTS LTD.

PREPARED FOR: MR. PAT MCANDLESS & MR. GEORGE CAVEY

ANALYSED BY: Raymond Chan

SIGNED: 

Registered Provincial Assayer

GENERAL REMARK: RESULTS FAXED TO MR. PAT MCANDLESS - BETHLEHEM @  
687-0560 & TO MR. GEORGE CAVEY - OREQUEST @ 688-9727.

REPORT NUMBER: 930100 AA

JOB NUMBER: 930100

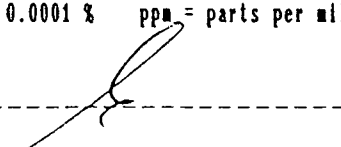
BETHLEHEM RESOURCES CORP.

PAGE 1 OF 3

SAMPLE #	Mo %	Cu %	Ag ppm
1079 247-250	< 0.01	0.15	1.7
1080 250-253	< 0.01	0.17	0.7
1081 253-256	0.01	0.24	1.0
1082 258-259	< 0.01	0.27	0.6
1083 259-262	< 0.01	0.30	1.5
1084 262-265	< 0.01	0.16	0.3
1085 265-268	0.01	0.21	0.8
1086 268-271	0.05	0.26	1.2
1087 271-273.48	< 0.01	0.13	0.6
1088	< 0.01	0.05	0.4
1089	< 0.01	0.05	0.3
1090	< 0.01	0.06	0.5
1091	< 0.01	0.07	0.4
1092	< 0.01	0.07	0.6
1093	< 0.01	0.06	0.3
1094	0.01	0.10	0.5
1095	< 0.01	0.07	0.2
1096	< 0.01	0.08	< 0.1
1097	< 0.01	0.06	< 0.1
1098	< 0.01	0.07	0.3

DETECTION LIMIT                      0.01                      0.01                      0.1  
 1 Troy oz/short ton = 34.28 ppm    1 ppm = 0.0001 %    ppm = parts per million    < = less than

signed: \_\_\_\_\_



REPORT NUMBER: 930100 AA

JOB NUMBER: 930100

BETHLEHEM RESOURCES CORP.

PAGE 2 OF 3

SAMPLE #	Mo %	Cu %	Ag ppm
1099	< 0.01	0.06	0.5
1100	< 0.01	0.08	0.2
1101	< 0.01	0.04	< 0.1
1102	< 0.01	0.12	< 0.1
1103	< 0.01	0.10	0.6
1104	< 0.01	0.08	1.4
1105	< 0.01	0.07	0.6
1106	0.02	0.09	0.2
1107	0.03	0.13	0.4
1108	< 0.01	0.10	0.8
1109	< 0.01	0.07	0.2
1110	< 0.01	0.10	0.3
1111	< 0.01	0.09	0.2
1112	< 0.01	0.07	0.2
1113	< 0.01	0.06	0.3
1114	< 0.01	0.07	0.4
1115	< 0.01	0.11	0.4
1116	< 0.01	0.08	0.3
1117	< 0.01	0.10	< 0.1
1118	< 0.01	0.08	0.2

DETECTION LIMIT                      0.01                      0.01                      0.1  
 1 Troy oz/short ton = 34.28 ppm    1 ppm = 0.0001 %    ppm = parts per million    < = less than

signed: \_\_\_\_\_

REPORT NUMBER: 930100 AA

JOB NUMBER: 930100

BETHELEM RESOURCES CORP.

PAGE 3 OF 3

SAMPLE #	Mo %	Cu %	Ag ppm
1119	< 0.01	0.07	0.2
1120	< 0.01	0.09	0.2
1121	< 0.01	0.06	< 0.1
1122	< 0.01	0.10	0.5
1123	< 0.01	0.09	0.7
1124	< 0.01	0.08	< 0.1
1125	< 0.01	0.10	< 0.1
1126	< 0.01	0.07	< 0.1
1127	< 0.01	0.09	< 0.1
1128	< 0.01	0.08	< 0.1
1129	0.01	0.06	< 0.1

**DETECTION LIMIT**

1 Troy oz/short ton = 34.28 ppm

0.01  
1 ppm = 0.0001 %

0.01  
ppm = parts per million

< = less than

0.1

signed: \_\_\_\_\_

**GEOCHEMICAL ANALYTICAL REPORT**  
-----

CLIENT: BETHLEHEM RESOURCES CORP.  
ADDRESS: 700 - 815 W. Hastings St.  
: Vancouver, BC  
: V6C 1B4

DATE: OCT 15 1993

REPORT#: 930103 GA  
JOB#: 930103

PROJECT#: POISON MTN  
SAMPLES ARRIVED: OCT 12 1993  
REPORT COMPLETED: OCT 15 1993  
ANALYSED FOR: Au (FA/AAS) 30g

INVOICE#: 930103 NA  
TOTAL SAMPLES: 65  
SAMPLE TYPE: 65 CORE  
REJECTS: SAVED

SAMPLES FROM: MR. WES RAVEN - LILLOOET BC  
COPY SENT TO: OREQUEST CONSULTANTS LTD.

PREPARED FOR: MR. PAT MCANDLESS & MR. GEORGE CAVEY

ANALYSED BY: Raymond Chan

SIGNED: 

GENERAL REMARK: RESULTS FAXED TO MR. PAT MCANDLESS - BETHLEHEM @  
687-0560 & TO MR. GEORGE CAVEY - OREQUEST @ 688-9727.



REPORT NUMBER: 930103 GA

JOB NUMBER: 930103

BETHELEHEM RESOURCES CORP.

PAGE 1 OF 2

SAMPLE #	Au ppb
1130 147-150	60
1131 150-153	40
1132 153-156	90
1133 156-159	150
1134 159-162	50
1135 162-165	20
1136 165-168	30
1137 168-171	20
1138 171-174	40
1139 174-177	40
1140 177-180	50
1141 180-183	100
1142 183-186	70
1143 186-189	610
1144 189-192	70
1145 192-195	40
1146 195-198	10
1147 198-201	10
1148 201-204	30
1149 204-207	70
1150 207-210	80
1151 210-213	40
1152 213-216	30
1153 216-219	20
1154 219-222	30
1155 222-225	10
1156 225-228	30
1157 228-231	80
1158 231-234	40
1159 234-237	30
1160 237-240	50
1161 240-243	70
1162 243-246	50
1163 246-249	40
1164 249-252	90
1165 252-255	20
1166 255-258	50
1167 258-261	50
1168 261-264	70

DETECTION LIMIT

2

nd = none detected

-- = not analysed

is = insufficient sample

REPORT NUMBER: 930103 GA

JOB NUMBER: 930103

BETHLEHEM RESOURCES CORP.

PAGE 2 OF 2

SAMPLE #	Au
	ppb
1169 264-267	50
1170 267-268.9	20
1171 3.45-6.0	30
1172 6-9	20
1173 9-12	90
1174 12-15	90
1175 15-18	40
1176 18-21	110
1177 21-24	100
1178 24-27	30
1179 27-30	20
1180 30-33	30
1181 33-36	40
1182 36-39	30
1183 39-42	30
1184 42-45	20
1185 45-48	50
1186 48-51	100
1187 51-54	150
1188 54-57	150
1189 57-60	160
1190 60-63	110
1191 63-66	70
1192 66-69	50
1193 69-72	40
1194 72-75	90

DETECTION LIMIT

nd = none detected

2

-- = not analysed

is = insufficient sample

**ASSAY ANALYTICAL REPORT**  
=====

CLIENT: BETHLEHEM RESOURCES CORP.  
ADDRESS: 700 - 815 W. Hastings St.  
: Vancouver, BC  
: V6C 1B4

DATE: OCT 15 1993

REPORT#: 930103 AA  
JOB#: 930103

PROJECT#: POISON MTN  
SAMPLES ARRIVED: OCT 12 1993  
REPORT COMPLETED: OCT 15 1993  
ANALYSED FOR: Mo Cu Ag

INVOICE#: 930103 NA  
TOTAL SAMPLES: 65  
REJECTS/PULPS: 90 DAYS/1 YR  
SAMPLE TYPE: 65 CORE

SAMPLES FROM: MR. WES RAVEN - LILLOOET BC  
COPY SENT TO: OREQUEST CONSULTANTS LTD.

PREPARED FOR: MR. PAT MCANDLESS & MR. GEORGE CAVEY

ANALYSED BY: Raymond Chan

SIGNED: \_\_\_\_\_

Registered Provincial Assayer

GENERAL REMARK: RESULTS FAXED TO MR. PAT MCANDLESS - BETHLEHEM @  
687-0560 & TO MR. GEORGE CAVEY - OREQUEST @ 688-9727.

REPORT NUMBER: 930103 AA

JOB NUMBER: 930103

BETHLEHEM RESOURCES CORP.

PAGE 1 OF 4

SAMPLE #	Mo %	Cu %	Ag ppm
1130 147-150	< 0.01	0.09	< 0.1
1131 150-153	< 0.01	0.08	< 0.1
1132 153-156	< 0.01	0.10	< 0.1
1133 156-159	0.01	0.29	< 0.1
1134 159-162	< 0.01	0.07	< 0.1
1135 162-165	< 0.01	0.05	0.4
1136 165-168	< 0.01	0.05	0.2
1137 168-171	< 0.01	0.05	0.3
1138 171-174	< 0.01	0.09	< 0.1
1139 174-177	< 0.01	0.08	< 0.1
1140 177-180	< 0.01	0.09	< 0.1
1141 180-183	< 0.01	0.10	< 0.1
1142 183-186	< 0.01	0.10	< 0.1
1143 186-189	< 0.01	0.13	0.3
1144 189-192	< 0.01	0.13	0.5
1145 192-195	< 0.01	0.06	< 0.1
1146 195-198	< 0.01	0.06	< 0.1
1147 198-201	< 0.01	0.07	< 0.1
1148 201-204	< 0.01	0.06	< 0.1
1149 204-207	< 0.01	0.13	0.1

DETECTION LIMIT

0.01

0.01

0.1

1 Troy oz/short ton = 34.28 ppm

1 ppm = 0.0001 %

ppm = parts per million

< = less than

signed: \_\_\_\_\_

*[Signature]*

REPORT NUMBER: 930103 AA

JOB NUMBER: 930103

BETHLEHEM RESOURCES CORP.

PAGE 2 OF 4

SAMPLE #	Mo %	Cu %	Ag ppm
1150 207-210	0.01	0.11	0.4
1151 210-213	< 0.01	0.12	< 0.1
1152 213-216	< 0.01	0.10	< 0.1
1153 216-219	< 0.01	0.08	< 0.1
1154 219-222	0.01	0.09	0.6
1155 222-225	0.01	0.11	0.4
1156 225-228	0.01	0.10	< 0.1
1157 228-231	0.01	0.15	< 0.1
1158 231-234	0.01	0.09	< 0.1
1159 234-237	0.01	0.07	0.3
1160 237-240	0.01	0.08	< 0.1
1161 240-243	0.01	0.11	0.4
1162 243-246	0.01	0.08	0.2
1163 246-249	0.01	0.06	< 0.1
1164 249-252	0.01	0.11	< 0.1
1165 252-255	< 0.01	0.06	< 0.1
1166 255-258	0.01	0.10	< 0.1
1167 258-261	0.01	0.08	< 0.1
1168 261-264	0.01	0.09	< 0.1
1169 264-267	< 0.01	0.08	< 0.1

DETECTION LIMIT

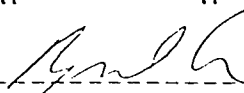
0.01

0.01

0.1

1 Troy oz/short ton = 34.28 ppm    1 ppm = 0.0001 %    ppm = parts per million    < = less than

signed: \_\_\_\_\_



REPORT NUMBER: 930103 AA

JOB NUMBER: 930103

BETHLEHEM RESOURCES CORP.

PAGE 3 OF 4

SAMPLE #	Mo %	Cu %	Ag ppm
1170 267-268.9	0.01	0.07	< 0.1
1171 3.45-6.0	0.01	0.16	< 0.1
1172 6-9	0.01	0.15	< 0.1
1173 9-12	0.01	0.31	0.3
1174 12-15	0.01	0.28	0.2
1175 15-18	0.01	0.21	< 0.1
1176 18-21	0.01	0.33	< 0.1
1177 21-24	0.01	0.37	0.4
1178 24-27	0.01	0.17	< 0.1
1179 27-30	0.01	0.09	< 0.1
1180 30-33	0.01	0.14	0.3
1181 33-36	0.01	0.12	0.5
1182 36-39	0.01	0.11	< 0.1
1183 39-42	0.01	0.14	< 0.1
1184 42-45	0.01	0.11	< 0.1
1185 45-48	0.01	0.17	< 0.1
1186 48-51	0.01	0.29	< 0.1
1187 51-54	0.01	0.36	0.3
1188 54-57	0.01	0.40	0.7
1189 57-60	0.01	0.41	0.4

DETECTION LIMIT

0.01

0.01

0.1

1 Troy oz/short ton = 34.28 ppm

1 ppm = 0.0001 %

ppm = parts per million

< = less than

signed: \_\_\_\_\_

*[Handwritten Signature]*



**GEOCHEMICAL ANALYTICAL REPORT**

CLIENT: BETHLEHEM RESOURCES CORP.  
ADDRESS: 700 - 815 W. Hastings St.  
: Vancouver, BC  
: V6C 1B4

DATE: OCT 18 1993

REPORT#: 930109 GA  
JOB#: 930109

PROJECT#: POISON MTN  
SAMPLES ARRIVED: OCT 15 1993  
REPORT COMPLETED: OCT 18 1993  
ANALYSED FOR: Au (FA/AAS) 30g

INVOICE#: 930109 NA  
TOTAL SAMPLES: 104  
SAMPLE TYPE: 104 CORE  
REJECTS: SAVED

SAMPLES FROM: MR. WES RAVEN - LILLOOET BC  
COPY SENT TO: OREQUEST CONSULTANTS LTD.

PREPARED FOR: MR. PAT MCANDLESS & MR. GEORGE CAVEY

ANALYSED BY: Raymond Chan

SIGNED: 

GENERAL REMARK: RESULTS FAXED TO MR. PAT MCANDLESS - BETHLEHEM @  
687-0560 & TO MR. GEORGE CAVEY - OREQUEST @ 688-9727.



REPORT NUMBER: 930109 GA

JOB NUMBER: 930109

BETHLEHEM RESOURCES CORP.

PAGE 1 OF 3

SAMPLE #	Au
	ppb
1195 75-78	40
1196 78-81	30
1197 81-84	40
1198 84-87	20
1199 87-90	40
1200 90-93	20
1201 93-96	30
1202 96-99	30
1203 99-102	10
1204 102-105	70
1205 105-108	80
1206 108-111	80
1207 111-114	50
1208 114-117	90
1209 117-120	90
1210 120-123	160
1211 123-126	100
1212 126-129	70
1213 129-132	120
1214 132-135	130
1215 135-138	70
1216 138-141	70
1217 141-144	230
1218 144-147	60
1219 147-150	130
1220 150-153	70
1221 153-156	200
1222 156-159	690
1223 159-162	290
1224 162-165	260
1225 165-168	90
1226 168-171	90
1227 171-174	330
1228 174-177	240
1229 177-180	540
1230 180-183	130
1231 183-186	110
1232 186-189	160
1233 189-192	140

DETECTION LIMIT

2

nd = none detected

-- = not analysed

ls = insufficient sample

REPORT NUMBER: 930109 GA

JOB NUMBER: 930109

BETHLEHEM RESOURCES CORP.

PAGE 2 OF 3

SAMPLE #	Au
	ppb
1234 192-195	570
1235 195-198	170
1236 198-201	180
1237 201-204	190
1238 204-207	180
1239 207-210	150
1240 210-213	180
1241 213-216	160
1242 216-219	280
1243 219-222	140
1244 222-225	130
1245 225-228	110
1246 228-231	160
1247 231-234	240
1248 234-237	230
1249 237-240	270
1250 240-243	220
1251 243-246	250
1252 246-249	350
1253 249-251	290
1254 12.19-15	140
1255 15-18	80
1256 18-21	70
1257 21-24	70
1258 24-27	50
1259 27-30	50
1260 30-33	60
1261 33-36	40
1262 36-39	50
1263 39-42	50
1264 42-45	40
1265 45-48	30
1266 48-51	20
1267 51-54	50
1268 54-57	20
1269 57-60	30
1270 60-63	10
1271 63-66	40
1272 66-69	70

DETECTION LIMIT

2

nd = none detected

-- = not analysed

ls = insufficient sample

REPORT NUMBER: 930109 GA

JOB NUMBER: 930109

BETHEHEM RESOURCES CORP.

PAGE 3 OF 3

SAMPLE #	Au ppb
1273 69-72	70
1274 72-75	30
1275 75-78	90
1276 78-81	50
1277 81-84	80
1278 84-87	70
1279 87-90	100
1280 90-93	40
1281 93-96	30
1282 96-99	40
1283 99-102	30
1284 102-105	30
1285 105-108	30
1286 108-111	80
1287 111-114	60
1288 114-117	50
1289 117-120	60
1290 120-123	100
1291 123-126	70
1292 126-129	100
1293 129-132	50
1294 132-135	110
1295 135-138	70
1296 138-141	70
1297 141-144	160
1298 144-147	100

**ASSAY ANALYTICAL REPORT**  
=====

CLIENT: BETHLEHEM RESOURCES CORP.  
ADDRESS: 700 - 815 W. Hastings St.  
: Vancouver, BC  
: V6C 1B4

DATE: OCT 19 1993

REPORT#: 930109 AA  
JOB#: 930109

PROJECT#: POISON MTN  
SAMPLES ARRIVED: OCT 15 1993  
REPORT COMPLETED: OCT 19 1993  
ANALYSED FOR: Mo Cu Ag

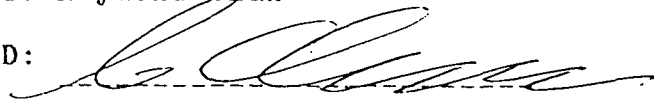
INVOICE#: 930109 NA  
TOTAL SAMPLES: 104  
REJECTS/PULPS: 90 DAYS/1 YR  
SAMPLE TYPE: 104 CORE

SAMPLES FROM: MR. WES RAVEN - LILLOOET BC  
COPY SENT TO: OREQUEST CONSULTANTS LTD.

PREPARED FOR: MR. PAT MCANDLESS & MR. GEORGE CAVEY

ANALYSED BY: Raymond Chan

SIGNED:



Registered Provincial Assayer

GENERAL REMARK: RESULTS FAXED TO MR. PAT MCANDLESS - BETHLEHEM @  
687-0560 & TO MR. GEORGE CAVEY - OREQUEST @ 688-9727.

REPORT NUMBER: 930109 AA

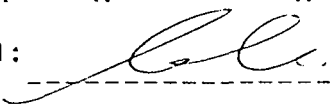
JOB NUMBER: 930109

BETHLEHEM RESOURCES CORP.

PAGE 1 OF 6

SAMPLE #	Mo %	Cu %	Ag ppm
1195 75-78	< 0.01	0.24	< 0.1
1196 78-81	< 0.01	0.21	< 0.1
1197 81-84	0.01	0.22	0.1
1198 84-87	< 0.01	0.21	0.3
1199 87-90	0.01	0.21	< 0.1
1200 90-93	0.01	0.17	< 0.1
1201 93-96	0.01	0.16	< 0.1
1202 96-99	< 0.01	0.21	< 0.1
1203 99-102	< 0.01	0.16	0.1
1204 102-105	0.01	0.27	0.2
1205 105-108	0.01	0.22	0.6
1206 108-111	0.02	0.28	0.2
1207 111-114	< 0.01	0.17	< 0.1
1208 114-117	0.01	0.28	< 0.1
1209 117-120	0.01	0.21	< 0.1
1210 120-123	0.03	0.40	0.2
1211 123-126	0.02	0.30	0.1
1212 126-129	0.01	0.22	< 0.1
1213 129-132	0.02	0.45	0.2
1214 132-135	0.01	0.25	< 0.1

DETECTION LIMIT                      0.01                      0.01                      0.1  
 1 Troy oz/short ton = 34.28 ppm    1 ppm = 0.0001 %    ppm = parts per million    < = less than

signed: 

REPORT NUMBER: 930109 AA

JOB NUMBER: 930109

BETHELEHEM RESOURCES CORP.

PAGE 2 OF 6

SAMPLE #	Mo %	Cu %	Ag ppm
1215 135-138	0.01	0.23	< 0.1
1216 138-141	0.01	0.25	< 0.1
1217 141-144	0.04	0.51	0.6
1218 144-147	0.02	0.24	< 0.1
1219 147-150	0.06	0.30	< 0.1
1220 150-153	0.02	0.31	< 0.1
1221 153-156	0.09	0.49	0.7
1222 156-159	0.05	1.10	3.7
1223 159-162	0.09	0.65	0.7
1224 162-165	0.06	0.61	0.6
1225 165-168	0.02	0.31	< 0.1
1226 168-171	0.02	0.35	< 0.1
1227 171-174	0.06	0.72	0.4
1228 174-177	0.06	0.50	0.2
1229 177-180	0.16	1.30	3.3
1230 180-183	0.03	0.35	0.2
1231 183-186	0.02	0.30	< 0.1
1232 186-189	0.02	0.37	< 0.1
1233 189-192	0.01	0.36	< 0.1
1234 192-195	0.02	0.80	1.5

DETECTION LIMIT

0.01

0.01

0.1

1 Troy oz/short ton = 34.28 ppm    1 ppm = 0.0001 %    ppm = parts per million    < = less than

signed: \_\_\_\_\_



REPORT NUMBER: 030100 AA

JOB NUMBER: 030100

BETHELEHEM RESOURCES CORP.

PAGE 3 OF 6

SAMPLE #	Mo %	Cu %	Ag ppm
1235 195-198	0.02	0.32	0.3
1236 198-201	0.02	0.31	0.4
1237 201-204	0.01	0.30	< 0.1
1238 204-207	0.01	0.30	< 0.1
1239 207-210	0.01	0.29	< 0.1
1240 210-213	0.02	0.39	0.6
1241 213-216	0.02	0.43	0.5
1242 216-219	0.01	0.39	0.2
1243 219-222	0.04	0.35	0.1
1244 222-225	0.09	0.38	0.2
1245 225-228	0.02	0.28	0.1
1246 228-231	0.01	0.42	0.3
1247 231-234	0.03	0.60	0.4
1248 234-237	0.05	0.57	0.6
1249 237-240	0.03	0.52	0.7
1250 240-243	0.01	0.32	0.2
1251 243-246	0.01	0.46	0.4
1252 246-249	0.01	0.52	0.7
1253 249-251	0.01	0.44	0.6
1254 12.19-15	< 0.01	0.21	< 0.1

DETECTION LIMIT                      0.01                      0.01                      0.1  
 1 Troy oz/short ton = 34.28 ppm    1 ppm = 0.0001 %    ppm = parts per million    < = less than

signed: \_\_\_\_\_









REPORT NUMBER: 930109 AA

JOB NUMBER: 930109

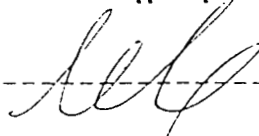
BETHLEHEM RESOURCES CORP.

PAGE 6 OF 6

SAMPLE #	Mo %	Cu %	Ag ppm
1295 135-138	< 0.01	0.15	< 0.1
1296 138-141	< 0.01	0.15	< 0.1
1297 141-144	< 0.01	0.28	0.4
1298 144-147	< 0.01	0.18	0.2

DETECTION LIMIT                      0.01                      0.01                      0.1  
 1 Troy oz/short ton = 34.28 ppm    1 ppm = 0.0001 %    ppm = parts per million    < = less than

signed: \_\_\_\_\_



**GEOCHEMICAL ANALYTICAL REPORT**  
=====

CLIENT: BETHLEHEM RESOURCES CORP.  
ADDRESS: 700 - 815 W. Hastings St.  
: Vancouver, BC  
: V6C 1B4

DATE: OCT 20 1993

REPORT#: 930110 GA  
JOB#: 930110

PROJECT#: POISON MTN  
SAMPLES ARRIVED: OCT 18 1993  
REPORT COMPLETED: OCT 20 1993  
ANALYSED FOR: Au (FA/AAS) 30g

INVOICE#: 930110 NA  
TOTAL SAMPLES: 42  
SAMPLE TYPE: 42 CORE  
REJECTS: SAVED

SAMPLES FROM: MR. WES RAVEN - LILLOOET BC  
COPY SENT TO: OREQUEST CONSULTANTS LTD.

PREPARED FOR: MR. PAT MCANDLESS & MR. GEORGE CAVEY

ANALYSED BY: Raymond Chan

SIGNED: 

GENERAL REMARK: RESULTS FAXED TO MR. PAT MCANDLESS - BETHLEHEM @  
687-0560 & TO MR. GEORGE CAVEY - OREQUEST @ 688-9727.

REPORT NUMBER: 930110 GA

JOB NUMBER: 930110

BETHELEN RESOURCES CORP.

PAGE 1 OF 2

SAMPLE #	Au ppb
1299 147-150	80
1300 150-153	140
1301 153-156	130
1302 156-159	190
1303 159-162	210
1304 162-165	320
1305 165-168	240
1306 168-171	30
1307 171-174	90
1308 174-177	70
1309 177-180	50
1310 180-183	100
1311 183-186	70
1312 186-189	30
1313 189-192	50
1314 192-195	50
1315 195-198	30
1316 198-201	60
1317 201-204	10
1318 204-207	50
1319 207-210	40
1320 210-213	60
1321 213-216	210
1322 216-219	40
1323 219-222	20
1324 222-225	10
1325 225-228	60
1326 228-231	30
1327 231-234	40
1328 234-237	100
1329 237-240	50
1330 240-243	80
1331 243-246	80
1332 246-249	60
1333 249-252	120
1334 252-255	120
1335 255-258	30
1336 258-261	70
1337 261-264	30

DETECTION LIMIT 2

nd = none detected

-- = not analysed

ls = insufficient sample

REPORT NUMBER: 930110 GA

JOB NUMBER: 930110

BETHELEN RESOURCES CORP.

PAGE 2 OF 2

SAMPLE #	Au ppb
1338 264-267	50
1339 267-270	20
1340 270-273	30

DETECTION LIMIT  
nd = none detected

-- = not analysed

is = insufficient sample

**ASSAY ANALYTICAL REPORT**  
=====

CLIENT: BETHLEHEM RESOURCES CORP.  
ADDRESS: 700 - 815 W. Hastings St.  
: Vancouver, BC  
: V6C 1B4

DATE: OCT 21 1993

REPORT#: 930110 AA  
JOB#: 930110

PROJECT#: POISON MTN  
SAMPLES ARRIVED: OCT 18 1993  
REPORT COMPLETED: OCT 21 1993  
ANALYSED FOR: Mo Cu Ag

INVOICE#: 930110 NA  
TOTAL SAMPLES: 42  
REJECTS/PULPS: 90 DAYS/1 YR  
SAMPLE TYPE: 42 CORE

SAMPLES FROM: MR. WES RAVEN - LILLOOET BC  
COPY SENT TO: OREQUEST CONSULTANTS LTD.

PREPARED FOR: MR. PAT MCANDLESS & MR. GEORGE CAVEY

ANALYSED BY: Raymond Chan

SIGNED: 

Registered Provincial Assayer

GENERAL REMARK: RESULTS FAXED TO MR. PAT MCANDLESS - BETHLEHEM @  
687-0560 & TO MR. GEORGE CAVEY - OREQUEST @ 688-9727.

REPORT NUMBER: 930110 AA


JOB NUMBER: 930110

BETHLEHEM RESOURCES CORP.

PAGE 1 OF 3

SAMPLE #	Mo %	Cu %	Ag ppm
1299 147-150	< 0.01	0.17	< 0.1
1300 150-153	< 0.01	0.22	< 0.1
1301 153-156	< 0.01	0.21	< 0.1
1302 156-159	0.03	0.37	0.4
1303 159-162	0.02	0.26	0.3
1304 162-165	0.02	0.48	0.7
1305 165-168	0.02	0.45	0.9
1306 168-171	< 0.01	0.13	< 0.1
1307 171-174	0.01	0.15	< 0.1
1308 174-177	0.01	0.16	< 0.1
1309 177-180	< 0.01	0.15	< 0.1
1310 180-183	< 0.01	0.21	< 0.1
1311 183-186	< 0.01	0.18	< 0.1
1312 186-189	< 0.01	0.10	< 0.1
1313 189-192	< 0.01	0.15	< 0.1
1314 192-195	< 0.01	0.17	< 0.1
1315 195-198	< 0.01	0.16	< 0.1
1316 198-201	0.01	0.18	< 0.1
1317 201-204	0.02	0.23	0.2
1318 204-207	< 0.01	0.18	0.1

DETECTION LIMIT                      0.01                      0.01                      0.1  
 1 Troy oz/short ton = 34.28 ppm    1 ppm = 0.0001 %    ppm = parts per million    < = less than

signed: 

REPORT NUMBER: 930110 AA

JOB NUMBER: 930110

BETHLEHEM RESOURCES CORP.

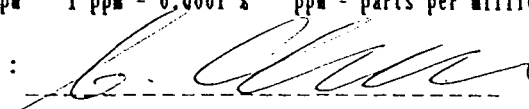
PAGE 2 OF 3

SAMPLE #	Mo %	Cu %	Ag ppm
1319 207-210	0.01	0.16	< 0.1
1320 210-213	0.01	0.18	< 0.1
1321 213-216	0.02	0.33	0.4
1322 216-219	< 0.01	0.18	< 0.1
1323 219-222	< 0.01	0.13	< 0.1
1324 222-225	< 0.01	0.15	< 0.1
1325 225-228	0.02	0.21	0.2
1326 228-231	0.02	0.16	0.1
1327 231-234	0.01	0.13	< 0.1
1328 234-237	0.01	0.21	< 0.1
1329 237-240	< 0.01	0.18	< 0.1
1330 240-243	< 0.01	0.19	< 0.1
1331 243-246	< 0.01	0.17	< 0.1
1332 246-249	< 0.01	0.18	< 0.1
1333 249-252	< 0.01	0.20	< 0.1
1334 252-255	< 0.01	0.21	< 0.1
1335 255-258	0.01	0.13	0.2
1336 258-261	0.01	0.15	0.1
1337 261-264	< 0.01	0.12	< 0.1
1338 264-267	< 0.01	0.15	0.1

DETECTION LIMIT

0.01                      0.01                      0.1  
 1 Troy oz/short ton = 34.28 ppm    1 ppm = 0.0001 %    ppm = parts per million    < = less than

signed: \_\_\_\_\_





REPORT NUMBER: 930110 AA

JOB NUMBER: 930110

BETHLEHEM RESOURCES CORP.

PAGE 3 OF 3

SAMPLE #	Mo %	Cu %	Ag ppm
1339 267-270	< 0.01	0.10	< 0.1
1340 270-273	< 0.01	0.11	0.2


DETECTION LIMIT

0.01

0.01

0.1

1 Troy oz/short ton = 34.28 ppm    1 ppm = 0.0001 %    ppm = parts per million    < = less than

signed: 

**GEOCHEMICAL ANALYTICAL REPORT**

=====

CLIENT: BETHLEHEM RESOURCES CORP.  
ADDRESS: 700 - 815 W. Hastings St.  
: Vancouver, BC  
: V6C 1B4

DATE: OCT 22 1993

REPORT#: 930115 GA  
JOB#: 930115

PROJECT#: POISON MTN  
SAMPLES ARRIVED: OCT 19 1993  
REPORT COMPLETED: OCT 22 1993  
ANALYSED FOR: Au (FA/AAS) 30g

INVOICE#: 930115 NA  
TOTAL SAMPLES: 78  
SAMPLE TYPE: 78 CORE  
REJECTS: SAVED

SAMPLES FROM: MR. WES RAVEN - LILLOOET BC  
COPY SENT TO: OREQUEST CONSULTANTS LTD.

PREPARED FOR: MR. PAT MCANDLESS & MR. GEORGE CAVEY

ANALYSED BY: Raymond Chan

SIGNED: 

GENERAL REMARK: RESULTS FAXED TO MR. PAT MCANDLESS - BETHLEHEM @  
687-0560 & TO MR. GEORGE CAVEY - OREQUEST @ 688-9727.

REPORT NUMBER: 930115 GA

JOB NUMBER: 930115

BETHLEHEM RESOURCES CORP.

PAGE 1 OF 2

SAMPLE #		Au
		ppb
1341	3.05-6.0	200
1342	6-9	160
1343	9-12	280
1344	12-15	170
1345	15-18	90
1346	18-21	80
1347	21-24	140
1348	24-27	120
1349	27-30	70
1350	30-33	60
1351	33-36	100
1352	36-39	170
1353	39-42	220
1354	42-45	180
1355	45-48	140
1356	48-51	150
1357	51-54	190
1358	54-57	130
1359	57-60	110
1360	60-63	120
1361	63-66	110
1362	66-69	90
1363	69-72	170
1364	72-75	100
1365	75-78	20
1366	78-81	10
1367	81-84	50
1368	84-87	70
1369	87-90	80
1370	90-93	90
1371	93-96	140
1372	96-99	50
1373		40
1374		50
1375		60
1376		80
1377		70
1378		100
1379		100

DETECTION LIMIT

2

nd = none detected

-- = not analysed

is = insufficient sample

REPORT NUMBER: 930115 GA

JOB NUMBER: 930115

BETHLEHEM RESOURCES CORP.

PAGE 2 OF 2

SAMPLE #	Au ppb
1380	90
1381	110
1382	110
1383	110
1384	130
1385	70
1386	50
1387	50
1388	60
1389	80
1390	50
1391	70
1392	60
1393	110
1394	60
1395	70
1396	80
1397	100
1398	120
1399	60
1400	90
1401	80
1402	150
1403	160
1404	110
1405	150
1406	80
1407	140
1408	120
1409	110
1410	90
1411	50
1412	160
1413	160
1414	70
1415	140
1416	110
1417	110
1418	150

DETECTION LIMIT

2

nd = none detected

-- = not analysed

ls = insufficient sample

**ASSAY ANALYTICAL REPORT**  
=====

CLIENT: BETHLEHEM RESOURCES CORP.  
ADDRESS: 700 - 815 W. Hastings St.  
: Vancouver, BC  
: V6C 1B4

DATE: OCT 22 1993

REPORT#: 930115 AA  
JOB#: 930115

PROJECT#: POISON MTN  
SAMPLES ARRIVED: OCT 19 1993  
REPORT COMPLETED: OCT 22 1993  
ANALYSED FOR: Cu

INVOICE#: 930115 NA  
TOTAL SAMPLES: 78  
REJECTS/PULPS: 90 DAYS/1 YR  
SAMPLE TYPE: 78 CORE

SAMPLES FROM: MR. WES RAVEN - LILLOOET BC  
COPY SENT TO: OREQUEST CONSULTANTS LTD.

PREPARED FOR: MR. PAT MCANDLESS & MR. GEORGE CAVEY

ANALYSED BY: Raymond Chan

SIGNED: 

Registered Provincial Assayer

GENERAL REMARK: RESULTS FAXED TO MR. PAT MCANDLESS - BETHLEHEM @  
687-0560 & TO MR. GEORGE CAVEY - OREQUEST @ 688-9727.

REPORT NUMBER: 930115 AA

JOB NUMBER: 930115

BETHEHEM RESOURCES CORP.

PAGE 1 OF 4

SAMPLE #		Cu %
1341	3.05-6.0	0.34
1342	6-9	0.40
1343	9-12	0.53
1344	12-15	0.40
1345	15-18	0.19
1346	18-21	0.21
1347	21-24	0.22
1348	24-27	0.35
1349	27-30	0.28
1350	30-33	0.21
1351	33-36	0.22
1352	36-39	0.38
1353	39-42	0.56
1354	42-45	0.47
1355	45-48	0.40
1356	48-51	0.41
1357	51-54	0.50
1358	54-57	0.41
1359	57-60	0.39
1360	60-63	0.30

DETECTION LIMIT 0.01

1 Troy oz/short ton = 34.28 ppm 1 ppm = 0.0001 % ppm = parts per million < = less than

signed: \_\_\_\_\_



REPORT NUMBER: 930115 AA

JOB NUMBER: 930115

BETHLEHEM RESOURCES CORP.


PAGE 2 OF 4

SAMPLE #	Cu %
1361 63-66	0.31
1362 66-69	0.28
1363 69-72	0.44
1364 72-75	0.29
1365 75-78	0.09
1366 78-81	0.09
1367 81-84	0.12
1368 84-87	0.24
1369 87-90	0.27
1370 90-93	0.31
1371 93-96	0.45
1372 96-99	0.15
1373	0.08
1374	0.09
1375	0.15
1376	0.15
1377	0.22
1378	0.28
1379	0.27
1380	0.30

DETECTION LIMIT

0.01

1 Troy oz/short ton = 34.28 ppm 1 ppm = 0.0001 % ppm = parts per million < = less than

signed: 

REPORT NUMBER: 930115 AA

JOB NUMBER: 930115

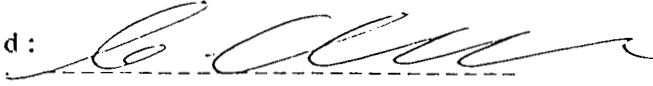
BETHELEN RESOURCES CORP.

PAGE 3 OF 4

SAMPLE #	Cu %
1381	0.32
1382	0.29
1383	0.28
1384	0.28
1385	0.21
1386	0.21
1387	0.17
1388	0.15
1389	0.13
1390	0.08
1391	0.11
1392	0.16
1393	0.31
1394	0.20
1395	0.26
1396	0.13
1397	0.30
1398	0.38
1399	0.20
1400	0.27

DETECTION LIMIT 0.01

1 Troy oz/short ton = 34.28 ppm 1 ppm = 0.0001 % ppm = parts per million < = less than

signed: 



REPORT NUMBER: 930115 AA

JOB NUMBER: 930115

BETHELEM RESOURCES CORP.

PAGE 4 OF 4

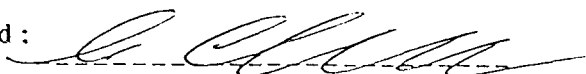
SAMPLE #	Cu %
1401	0.21
1402	0.31
1403	0.38
1404	0.26
1405	0.43
1406	0.19
1407	0.30
1408	0.25
1409	0.26
1410	0.27
1411	0.14
1412	0.39
1413	0.43
1414	0.20
1415	0.28
1416	0.24
1417	0.27
1418	0.40

DETECTION LIMIT

0.01

1 Troy oz/short ton = 34.28 ppm    1 ppm = 0.0001 %    ppm = parts per million    < = less than

signed:



**=====**  
**GEOCHEMICAL ANALYTICAL REPORT**  
**=====**

CLIENT: BETHLEHEM RESOURCES CORP.  
ADDRESS: 700 - 815 W. Hastings St.  
: Vancouver, BC  
: V6C 1B4

DATE: OCT 28 1993

REPORT#: 930123 GA  
JOB#: 930123

PROJECT#: POISON MTN  
SAMPLES ARRIVED: OCT 25 1993  
REPORT COMPLETED: OCT 28 1993  
ANALYSED FOR: Au (FA/AAS) 30g

INVOICE#: 930123 NA  
TOTAL SAMPLES: 61  
SAMPLE TYPE: 61 CORE  
REJECTS: SAVED

SAMPLES FROM: MR. WES RAVEN - LILLOOET BC  
COPY SENT TO: OREQUEST CONSULTANTS LTD.

PREPARED FOR: MR. PAT MCANDLESS & MR. GEORGE CAVEY

ANALYSED BY: Raymond Chan

SIGNED: 

GENERAL REMARK: RESULTS FAXED TO MR. PAT MCANDLESS - BETHLEHEM @  
687-0560 & TO MR. GEORGE CAVEY - OREQUEST @ 688-9727.  
ICP ANALYSES FOR SAMPLE # 1459 - 1479.

REPORT NUMBER: 930123 GA

JOB NUMBER: 930123

BETHLEHEM RESOURCES CORP.

PAGE 1 OF 2

SAMPLE #	Au ppb
1419	100
1420	60
1421	90
1422	100
1423	160
1424	100
1425	90
1426	120
1427	180
1428	130
1429	130
1430	180
1431	170
1432	170
1433	150
1434	190
1435	180
1436	160
1437	170
1438	150
1439	130
1440	160
1441	170
1442	160
1443	100
1444	70
1445	100
1446	80
1447	90
1448	110
1449	120
1450	80
1451	100
1452	70
1453	70
1454	90
1455	50
1456	60
1457	60

DETECTION LIMIT

2

nd = none detected

-- = not analysed

is = insufficient sample

REPORT NUMBER: 930123 GA

JOB NUMBER: 930123

BETHEHEM RESOURCES CORP.

PAGE 2 OF 2

SAMPLE #		Au ppb
1458		60
1459	38.11-40.0	80
1460	40-42	20
1461	42-44	20
1462	44-46	50
1463	46-48	30
1464	48-50	20
1465	50-52	20
1466	52-53.66	20
1467	53.66-58.54	20
1468	58.54-60.0	10
1469	60-62	10
1470	62-64	10
1471	64-65.85	10
1472	73.17-75	10
1473	75-76.22	10
1474	76.22-77.74	20
1475	77.74-79.27	20
1476	79.27-80.79	10
1477	80.79-82.32	10
1478	82.32-85.06	10
1479	85.06-86.28	20

DETECTION LIMIT

2

nd = none detected

-- = not analysed

is = insufficient sample

**ASSAY ANALYTICAL REPORT**

CLIENT: BETHLEHEM RESOURCES CORP.  
ADDRESS: 700 - 815 W. Hastings St.  
: Vancouver, BC  
: V6C 1B4

DATE: OCT 28 1993

REPORT#: 930123 AA  
JOB#: 930123

PROJECT#: POISON MTN  
SAMPLES ARRIVED: OCT 25 1993  
REPORT COMPLETED: OCT 28 1993  
ANALYSED FOR: Cu

INVOICE#: 930123 NA  
TOTAL SAMPLES: 61  
REJECTS/PULPS: 90 DAYS/1 YR  
SAMPLE TYPE: 61 CORE

SAMPLES FROM: MR. WES RAVEN - LILLOOET BC  
COPY SENT TO: OREQUEST CONSULTANTS LTD.

PREPARED FOR: MR. PAT MCANDLESS & MR. GEORGE CAVEY

ANALYSED BY: Raymond Chan

SIGNED: 

Registered Provincial Assayer

GENERAL REMARK: RESULTS FAXED TO MR. PAT MCANDLESS - BETHLEHEM @  
687-0560 & TO MR. GEORGE CAVEY - OREQUEST @ 688-9727.

REPORT NUMBER: 030123 AA

JOB NUMBER: 030123

BETHLEHEM RESOURCES CORP.

PAGE 1 OF 4

SAMPLE #	Cu %
1419	0.28
1420	0.23
1421	0.24
1422	0.26
1423	0.26
1424	0.27
1425	0.26
1426	0.33
1427	0.39
1428	0.30
1429	0.31
1430	0.58
1431	0.53
1432	0.50
1433	0.32
1434	0.50
1435	0.34
1436	0.36
1437	0.32
1438	0.32

DETECTION LIMIT

0.01

1 Troy oz/short ton = 34.28 ppm    1 ppm = 0.0001 %    ppm = parts per million    < = less than

signed: \_\_\_\_\_



REPORT NUMBER: 930123 AA

JOB NUMBER: 930123

BETHLEHEM RESOURCES CORP.

PAGE 2 OF 4

SAMPLE #	Cu %
1439	0.21
1440	0.30
1441	0.35
1442	0.35
1443	0.21
1444	0.22
1445	0.21
1446	0.20
1447	0.24
1448	0.29
1449	0.29
1450	0.20
1451	0.28
1452	0.21
1453	0.20
1454	0.25
1455	0.19
1456	0.21
1457	0.23
1458	0.23

DETECTION LIMIT

0.01

1 Troy oz/short ton = 34.28 ppm    1 ppm = 0.0001 %    ppm = parts per million    < = less than

signed: \_\_\_\_\_



REPORT NUMBER: 930123 AA

JOB NUMBER: 930123

BETHLEHEM RESOURCES CORP.

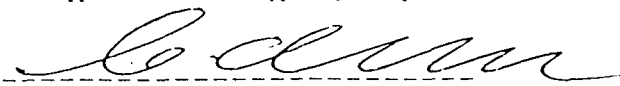
PAGE 3 OF 4

SAMPLE #		Cu %
1459	38.11-40.0	0.09
1460	40-42	0.06
1461	42-44	0.07
1462	44-46	0.06
1463	46-48	0.07
1464	48-50	0.07
1465	50-52	0.05
1466	52-53.66	0.06
1467	53.66-58.54	0.06
1468	58.54-60.0	0.07
1469	60-62	0.06
1470	62-64	0.06
1471	64-65.85	0.06
1472	73.17-75	0.06
1473	75-76.22	0.07
1474	76.22-77.74	0.07
1475	77.74-79.27	0.08
1476	79.27-80.79	0.06
1477	80.79-82.32	0.08
1478	82.32-85.06	0.08

DETECTION LIMIT

0.01

1 Troy oz/short ton = 34.28 ppm    1 ppm = 0.0001 %    ppm = parts per million    < = less than

signed: 



REPORT NUMBER: 930123 AA

JOB NUMBER: 930123

BETHLEHEM RESOURCES CORP.

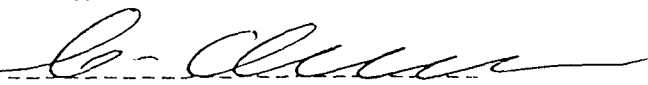
PAGE 4 OF 4

SAMPLE #		Cu %
1479	85.06-86.28	0.08

DETECTION LIMIT


0.01

1 Troy oz/short ton = 34.28 ppm    1 ppm = 0.0001 %    ppm = parts per million    < = less than

signed: 

ICAP GEOCHEMICAL ANALYSIS

A .5 gram sample is digested with 5 ml of 3:1:2 HCL to HNO<sub>3</sub> to H<sub>2</sub>O at 95 °C for 90 minutes and is diluted to 10 ml with water.  
This leach is partial for Al, Ba, Ca, Cr, Fe, K, Mg, Mn, Na, P, Sn, Sr and W.

ANALYST: 

REPORT #: 930123 PA

BEHLEHEM RESOURCES CORP.

PROJECT: POISON MTN

DATE IN: OCT 25 1993

DATE OUT: OCT 28 1993

ATTENTION: MR. PAT MCANDLESS & MR. GEORGE CAVEY

PAGE 1 OF 2

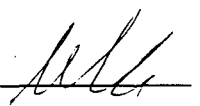
Sample Name	Ag	Al	As	*Au	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sn	Sr	U	W	Zn
	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
1419	0.6	3.10	24	100	243	<3	1.97	<0.1	30	59	3520	4.43	0.62	2.68	280	62	0.21	19	0.7	<2	<2	<2	87	<5	<3	56
1420	0.3	3.22	26	60	286	<3	1.43	<0.1	28	51	2726	4.13	1.13	2.90	262	49	0.21	19	0.08	<2	<2	<2	120	<5	<3	47
1421	0.3	2.93	16	90	249	<3	2.00	<0.1	29	49	2839	4.40	0.73	2.69	312	75	0.22	12	0.07	<2	<2	<2	87	<5	<3	45
1422	0.4	2.80	19	100	196	<3	2.40	<0.1	27	39	3110	4.71	0.21	2.31	352	50	0.28	16	0.08	<2	<2	<2	92	<5	<3	46
1423	0.3	2.93	36	160	211	<3	2.01	<0.1	27	50	3047	4.97	0.30	2.39	385	97	0.29	19	0.08	<2	<2	<2	121	<5	<3	50
1424	0.3	2.72	38	100	205	<3	1.69	<0.1	27	42	3136	5.13	0.41	2.51	349	52	0.21	16	0.08	<2	<2	<2	91	<5	<3	49
1425	0.3	2.80	21	90	232	<3	1.51	<0.1	27	45	3093	4.69	0.72	2.52	271	90	0.26	12	0.08	<2	<2	<2	109	<5	<3	43
1426	0.5	2.89	21	120	216	<3	1.66	<0.1	28	41	4204	4.74	0.49	2.43	276	137	0.26	12	0.08	<2	<2	<2	84	<5	<3	49
1427	0.5	1.50	14	180	179	<3	1.95	<0.1	25	46	4827	4.48	0.10	1.59	209	111	0.12	14	0.12	<2	<2	<2	46	<5	<3	42
1428	0.5	2.76	24	130	186	<3	1.83	<0.1	28	37	3781	5.02	0.38	2.42	245	115	0.24	14	0.08	<2	<2	<2	105	<5	<3	48
1429	0.4	2.96	29	130	198	<3	1.75	<0.1	29	43	3885	4.98	0.26	2.18	248	38	0.35	11	0.08	<2	<2	<2	187	<5	<3	51
1430	1.0	2.99	21	180	162	<3	1.96	<0.1	30	50	7065	4.42	0.32	2.12	183	79	0.35	18	0.10	<2	<2	<2	123	<5	<3	65
1431	1.0	3.34	23	170	172	<3	2.00	<0.1	30	59	6667	4.92	0.24	2.15	178	54	0.39	23	0.11	<2	<2	<2	319	<5	<3	63
1432	0.9	3.96	24	170	218	<3	2.12	<0.1	30	65	6148	4.69	0.44	2.36	193	95	0.45	21	0.13	<2	<2	<2	294	<5	<3	56
1433	0.3	3.56	18	150	255	<3	1.98	<0.1	29	66	3883	4.50	0.82	2.66	184	79	0.35	21	0.08	<2	<2	<2	278	<5	<3	46
1434	0.8	3.86	18	190	273	<3	1.81	<0.1	32	67	6092	4.80	0.94	2.65	189	107	0.38	26	0.08	<2	<2	<2	132	<5	<3	54
1435	0.6	3.26	33	180	186	<3	2.12	<0.1	29	60	4184	4.50	0.21	2.31	183	75	0.29	19	0.10	<2	<2	<2	371	<5	<3	48
1436	0.6	3.63	24	160	263	<3	1.70	<0.1	31	65	4176	4.33	0.88	2.66	199	121	0.32	22	0.09	<2	<2	<2	252	<5	<3	53
1437	0.5	3.88	24	170	260	<3	1.86	<0.1	32	70	4008	4.77	0.96	2.60	215	59	0.36	27	0.10	<2	<2	<2	173	<5	<3	56
1438	0.6	3.79	23	150	295	<3	1.77	<0.1	29	69	3864	4.65	0.81	2.52	200	49	0.37	24	0.09	<2	<2	<2	160	<5	<3	53
1439	0.4	3.65	42	130	258	<3	1.81	<0.1	26	68	2271	4.04	0.87	2.60	192	105	0.34	18	0.09	<2	<2	<2	104	<5	<3	42
1440	0.6	3.77	29	160	273	<3	1.97	<0.1	28	66	3488	4.24	0.63	2.59	212	83	0.35	23	0.08	<2	<2	<2	100	<5	<3	50
1441	0.9	3.56	14	170	286	<3	1.65	<0.1	31	72	4296	4.47	0.94	2.72	214	168	0.33	22	0.13	<2	<2	<2	113	<5	<3	60
1442	0.7	3.84	20	160	287	<3	1.37	<0.1	33	75	4226	4.43	1.23	2.78	195	62	0.35	28	0.08	<2	<2	<2	117	<5	<3	53
1443	0.4	4.40	27	100	366	<3	1.70	<0.1	31	79	2341	4.76	0.95	2.62	256	38	0.45	24	0.09	<2	<2	<2	154	<5	<3	47
1444	0.5	4.16	22	70	336	<3	1.77	<0.1	29	78	2404	4.68	0.90	2.65	239	41	0.43	29	0.09	<2	<2	<2	157	<5	<3	45
1445	0.4	4.05	30	100	296	<3	1.98	<0.1	29	73	2474	4.41	0.82	2.47	238	105	0.46	25	0.09	<2	<2	<2	163	<5	<3	40
1446	0.4	4.46	32	80	312	<3	1.73	<0.1	33	75	2257	4.76	0.98	2.66	236	34	0.46	25	0.08	<2	<2	<2	135	<5	<3	45
1447	0.4	4.32	27	90	295	<3	2.16	<0.1	33	74	2748	4.77	0.71	2.62	204	122	0.42	31	0.14	<2	<2	<2	139	<5	<3	48
1448	0.5	4.48	33	110	282	<3	2.63	<0.1	30	77	3246	4.52	0.63	2.73	216	97	0.41	29	0.09	<2	<2	<2	166	<5	<3	45
1449	0.6	4.21	26	120	251	<3	2.10	<0.1	32	74	3530	4.67	0.74	2.65	199	41	0.41	25	0.09	<2	<2	<2	139	<5	<3	45
1450	0.3	4.72	28	80	251	<3	2.39	<0.1	29	73	2094	4.30	0.73	2.66	229	37	0.51	23	0.09	<2	<2	<2	168	<5	<3	40
1451	0.6	4.89	25	100	245	<3	2.43	<0.1	33	79	3202	4.66	0.28	2.34	240	46	0.57	26	0.13	<2	<2	<2	188	<5	<3	45
1452	0.5	5.28	32	70	266	<3	2.15	<0.1	30	80	2332	4.71	0.79	2.50	263	31	0.66	26	0.09	<2	<2	<2	196	<5	<3	40
1453	0.4	4.46	30	70	268	<3	1.87	<0.1	32	96	2208	4.80	0.73	2.67	276	45	0.50	30	0.10	<2	<2	<2	151	<5	<3	41
1454	0.6	3.84	24	90	269	<3	1.67	<0.1	34	91	2874	4.89	0.79	2.69	241	63	0.38	28	0.11	<2	<2	<2	129	<5	<3	43
1455	0.5	4.62	33	50	306	<3	1.80	<0.1	32	102	2087	4.91	0.75	2.72	267	24	0.51	36	0.09	<2	<2	<2	157	<5	<3	41
1456	0.4	3.99	141	60	264	<3	3.08	<0.1	29	84	2371	4.86	0.11	2.56	338	40	0.34	31	0.09	<2	<2	<2	144	<5	<3	47
1457	0.7	3.88	16	60	318	<3	1.58	<0.1	32	89	2469	4.65	1.09	2.67	269	28	0.40	27	0.10	<2	<2	<2	126	<5	<3	40

Minimum Detection 0.1 0.01 3 5 1 3 0.01 0.1 1 1 1 0.01 0.01 0.01 1 1 0.01 1 0.01 2 2 2 1 5 3 1  
Maximum Detection 50.0 10.00 2000 10000 1000 1000 10.00 1000.0 20000 1000 20000 10.00 10.00 10.00 20000 1000 10.00 20000 10.00 20000 2000 1000 10000 100 1000 20000  
( - Less Than Minimum ) - Greater Than Maximum is - Insufficient Sample no - No Sample \*All Analysis Done By Size Adjust Concentration / AAS Signal

1630 Pandora Street, Vancouver, B.C. V5L 1L6  
 Ph: (604)251-5656 Fax: (604)254-5717

**ICAP GEOCHEMICAL ANALYSIS**

A .5 gram sample is digested with 5 ml of 3:1:2 HCL to HNO<sub>3</sub> to H<sub>2</sub>O at 95 °C for 90 minutes and is diluted to 10 ml with water.  
 This leach is partial for Al, Ba, Ca, Cr, Fe, K, Mg, Mn, Na, P, Sn, Sr and W.

ANALYST: 

REPORT #: 930123 PA      BEHELEN RESOURCES CORP.      PROJECT: POISON MTN      DATE IN: OCT 25 1993      DATE OUT: OCT 28 1993      ATTENTION: MR.PAT MCANDLESS & MR.GEORGE CAVEY      PAGE 2 OF 2

Sample Name	Ag	Al	As	*Au	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sn	Sr	U	W	Zn
	ppm	%	ppm	ppb	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
1458	0.4	3.98	36	60	310	<3	2.13	<0.1	29	90	2538	4.63	0.58	2.55	339	48	0.39	35	0.10	<2	<2	<2	136	<5	<3	45
1459 38.11-40.0	0.6	7.97	89	80	271	<3	3.76	<0.1	25	64	532	5.48	<0.01	2.51	575	7	0.84	25	0.09	<2	<2	<2	267	<5	<3	98
1460 40-42	0.2	8.03	100	20	269	<3	3.93	<0.1	23	69	119	4.91	<0.01	2.60	546	9	0.83	26	0.09	<2	<2	<2	286	<5	<3	80
1461 42-44	0.2	7.61	70	20	196	<3	3.57	<0.1	25	70	248	5.22	<0.01	2.76	645	4	0.78	23	0.09	<2	<2	<2	275	<5	<3	84
1462 44-46	0.3	7.22	101	50	182	<3	3.51	<0.1	29	64	196	5.87	<0.01	2.98	669	4	0.70	27	0.08	<2	<2	<2	275	<5	<3	87
1463 46-48	0.5	6.12	294	30	106	11	3.76	<0.1	27	58	208	5.94	<0.01	2.78	578	<1	0.55	26	0.10	<2	<2	<2	213	<5	<3	141
1464 48-50	0.2	6.62	147	20	128	<3	3.64	<0.1	28	64	242	6.05	<0.01	2.45	484	5	0.63	26	0.15	<2	<2	<2	231	<5	<3	129
1465 50-52	0.1	6.54	392	20	143	<3	3.94	<0.1	24	76	112	5.23	<0.01	2.40	528	3	0.69	26	0.10	<2	<2	<2	238	<5	<3	192
1466 52-53.66	0.6	5.69	1608	20	101	<3	3.93	<0.1	27	62	176	5.94	<0.01	2.38	635	3	0.51	31	0.10	<2	2	<2	204	<5	<3	324
1467 53.66-58.54	0.3	5.47	107	20	101	<3	3.12	<0.1	27	53	208	5.58	<0.01	2.52	564	3	0.48	22	0.10	<2	<2	<2	201	<5	<3	107
1468 58.54-60.0	0.1	6.37	59	10	103	<3	3.21	<0.1	29	59	183	6.07	<0.01	2.77	585	1	0.63	18	0.10	<2	<2	<2	241	<5	<3	80
1469 60-62	<0.1	6.21	70	10	114	<3	3.18	<0.1	23	64	107	4.99	<0.01	2.85	526	1	0.61	19	0.09	<2	<2	<2	248	<5	<3	91
1470 62-64	<0.1	7.08	67	10	150	<3	3.64	<0.1	24	51	81	5.17	<0.01	2.75	582	3	0.76	23	0.10	<2	<2	<2	283	<5	<3	79
1471 64-65.85	<0.1	6.47	129	10	126	<3	3.37	<0.1	24	55	120	4.74	<0.01	2.71	444	3	0.70	19	0.09	<2	<2	<2	268	<5	<3	67
1472 73.17-75	1.0	8.31	76	10	304	<3	4.09	<0.1	21	58	104	5.06	<0.01	2.86	412	9	0.91	22	0.11	<2	<2	<2	336	<5	<3	90
1473 75-76.22	0.1	8.59	69	10	201	<3	4.07	<0.1	26	62	161	5.80	<0.01	2.74	334	8	0.99	27	0.12	<2	<2	<2	349	<5	<3	74
1474 76.22-77.74	0.1	8.07	122	20	175	7	3.63	<0.1	24	53	178	5.50	<0.01	2.64	348	8	0.89	23	0.11	<2	<2	<2	312	<5	<3	76
1475 77.74-79.27	0.2	6.70	89	20	107	<3	4.05	<0.1	26	52	289	6.06	<0.01	2.53	409	7	0.68	18	0.11	<2	<2	<2	256	<5	<3	82
1476 79.27-80.79	0.1	5.56	53	10	67	<3	2.80	<0.1	22	58	195	5.36	<0.01	2.90	532	<1	0.51	19	0.10	<2	<2	<2	186	<5	<3	151
1477 80.79-82.32	0.4	4.75	48	10	40	<3	2.42	<0.1	25	54	347	6.35	<0.01	2.81	526	<1	0.37	24	0.10	<2	<2	<2	142	<5	<3	133
1478 82.32-85.06	0.3	6.48	57	10	115	<3	2.88	<0.1	24	61	254	5.24	<0.01	2.98	333	3	0.70	26	0.10	<2	<2	<2	249	<5	<3	55
1479 85.06-86.28	0.6	6.75	57	20	115	<3	3.17	<0.1	25	61	475	5.59	<0.01	2.80	355	6	0.75	25	0.11	<2	<2	<2	262	<5	<3	92

Minimum Detection      0.1    0.01    3    5    1    3    0.01    0.1    1    1    1    0.01    0.01    0.01    1    1    0.01    1    0.01    2    2    2    1    5    3    1  
 Maximum Detection      50.0    10.00    2000    10000    1000    1000    10.00    1000.0    20000    1000    20000    10.00    10.00    10.00    20000    1000    10.00    20000    10.00    20000    2000    1000    10000    100    1000    20000  
 < - Less Than Minimum      > - Greater Than Maximum      is - Insufficient Sample      ns - No Sample      \*Au Analysis Done By Fire Assay Concentration / AAS Finish.



**VGC**

**VANGEOCHEM LAB LIMITED**

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VANCOUVER, B.C.  
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FAX (604) 254-5717

**GEOCHEMICAL ANALYTICAL REPORT**

=====

CLIENT: BETHLEHEM RESOURCES CORP.  
ADDRESS: 700 - 815 W. Hastings St.  
: Vancouver, BC  
: V6C 1B4

DATE: NOV 01 1993

REPORT#: 930129 GA  
JOB#: 930129

PROJECT#: POISON MTN  
SAMPLES ARRIVED: OCT 28 1993  
REPORT COMPLETED: NOV 01 1993  
ANALYSED FOR: Au (FA/AAS) 30g

INVOICE#: 930129 NA  
TOTAL SAMPLES: 48  
SAMPLE TYPE: 48 CORE  
REJECTS: SAVED

SAMPLES FROM: MR. WES RAVEN - LILLOOET BC  
COPY SENT TO: OREQUEST CONSULTANTS LTD.

PREPARED FOR: MR. PAT MCANDLESS & MR. GEORGE CAVEY

ANALYSED BY: Raymond Chan

SIGNED: \_\_\_\_\_

GENERAL REMARK: RESULTS FAXED TO MR. PAT MCANDLESS - BETHLEHEM @  
687-0560 & TO MR. GEORGE CAVEY - OREQUEST @ 688-9727.

**VGC****VANGEOCHEM LAB LIMITED**MAIN OFFICE  
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REPORT NUMBER: 930129 GA

JOB NUMBER: 930129

BETHLEHEM RESOURCES CORP.

PAGE 1 OF 2

SAMPLE #		Au ppb
1480	7.32-10	90
1481	10-13	30
1482	13-16	70
1483	16-19	50
1484	19-22	30
1485	22-25	40
1486	25-28	80
1487	28-31	30
1488	31-34	30
1489	34-37	60
1490	37-40	30
1491	40-43	20
1492	43-46	100
1493	46-49	70
1494	49-52	100
1495	52-55	80
1496	55-58	90
1497	58-61	110
1498	61-64	80
1499	64-67	20
1500	67-70	40
1501	70-73	80
1502	73-76	30
1503	76-79	60
1504	79-82	20
1505	82-85	20
1506	85-88	30
1507	88-91	50
1508	91-94	30
1509	94-97	40
1510	97-100	40
1511	100-103	80
1512	103-106	30
1513	106-109	70
1514	109-112	50
1515	112-115	40
1516	115-118	30
1517	118-121	40
1518	121-124	120

DETECTION LIMIT

2

nd = none detected

-- = not analysed

ls = insufficient sample



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REPORT NUMBER: 930129 GA

JOB NUMBER: 930129

BETHLEHEM RESOURCES CORP.

PAGE 2 OF 2

SAMPLE #	Au ppb
1519 124-127	70
1520 127-130	60
1521 130-133	60
1522 133-136	190
1523 136-139	20
1524 139-142	30
1525 142-145	30
1526 145-148	20
1527 148-151	70

DETECTION LIMIT

nd = none detected

2

-- = not analysed

ls = insufficient sample



**VGC VANGEOCHEM LAB LIMITED**

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**ASSAY ANALYTICAL REPORT**

=====

**CLIENT: BETHLEHEM RESOURCES CORP.**  
**ADDRESS: 700 - 815 W. Hastings St.**  
**: Vancouver, BC**  
**: V6C 1B4**

**DATE: NOV 02 1993**

**REPORT#: 930129 AA**

**JOB#: 930129**

**PROJECT#: POISON MTN**  
**SAMPLES ARRIVED: OCT 28 1993**  
**REPORT COMPLETED: NOV 02 1993**  
**ANALYSED FOR: Cu**

**INVOICE#: 930129 NA**  
**TOTAL SAMPLES: 48**  
**REJECTS/PULPS: 90 DAYS/1 YR**  
**SAMPLE TYPE: 48 CORE**

**SAMPLES FROM: MR. WES RAVEN - LILLOOET BC**  
**COPY SENT TO: OREQUEST CONSULTANTS LTD.**

**PREPARED FOR: MR. PAT MCANDLESS & MR. GEORGE CAVEY**

**ANALYSED BY: Raymond Chan**

**SIGNED:**

**Registered Provincial Assayer**

**GENERAL REMARK: RESULTS FAXED TO MR. PAT MCANDLESS - BETHLEHEM @ 687-0560 & TO MR. GEORGE CAVEY - OREQUEST @ 688-9727.**



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REPORT NUMBER: 930120 AA

JOB NUMBER: 930120

BETHELEN RESOURCES CORP.

PAGE 1 OF 3

SAMPLE #		Cu %
1480	7.32-10	0.27
1481	10-13	0.15
1482	13-16	0.25
1483	16-19	0.22
1484	19-22	0.13
1485	22-25	0.17
1486	25-28	0.26
1487	28-31	0.14
1488	31-34	0.12
1489	34-37	0.24
1490	37-40	0.20
1491	40-43	0.07
1492	43-46	0.32
1493	46-49	0.26
1494	49-52	0.23
1495	52-55	0.16
1496	55-58	0.23
1497	58-61	0.30
1498	61-64	0.27
1499	64-67	0.14

DETECTION LIMIT

0.01

1 Troy oz/short ton = 34.28 ppm    1 ppm = 0.0001 %    ppm = parts per million    < = less than

signed: \_\_\_\_\_





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REPORT NUMBER: 930129 AA

JOB NUMBER: 930129

DETHELEN RESOURCES CORP.

PAGE 2 OF 3

SAMPLE #	Cu %
1500 67-70	0.21
1501 70-73	0.22
1502 73-76	0.17
1503 76-79	0.23
1504 79-82	0.15
1505 82-85	0.16
1506 85-88	0.21
1507 88-91	0.19
1508 91-94	0.17
1509 94-97	0.24
1510 97-100	0.24
1511 100-103	0.31
1512 103-106	0.14
1513 106-109	0.19
1514 109-112	0.19
1515 112-115	0.16
1516 115-118	0.08
1517 118-121	0.21
1518 121-124	0.24
1519 124-127	0.16

DETECTION LIMIT 0.01

1 Troy oz/short ton = 34.28 ppm 1 ppm = 0.0001 % ppm = parts per million < = less than

signed:



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REPORT NUMBER: 930129 AA

JOB NUMBER: 930129

DETELLEN RESOURCES CORP.

PAGE 3 OF 3

SAMPLE #	Cu %
1520 127-130	0.11
1521 130-133	0.17
1522 133-136	0.35
1523 136-139	0.06
1524 139-142	0.10
1525 142-145	0.10
1526 145-148	0.07
1527 148-151	0.17

DETECTION LIMIT

0.01

1 Troy oz/short ton = 34.28 ppm    1 ppm = 0.0001 %    ppm = parts per million    < = less than

signed: \_\_\_\_\_

**GEOCHEMICAL ANALYTICAL REPORT**  
=====

CLIENT: BETHLEHEM RESOURCES CORP.  
ADDRESS: 700 - 815 W. Hastings St.  
: Vancouver, BC  
: V6C 1B4

DATE: OCT 28 1993

REPORT#: 930126 GA  
JOB#: 930126

PROJECT#: POISON MTN  
SAMPLES ARRIVED: OCT 27 1993  
REPORT COMPLETED: OCT 28 1993  
ANALYSED FOR: Au (FA/AAS) 30g

INVOICE#: 930126 NA  
TOTAL SAMPLES: 9  
SAMPLE TYPE: 9 CORE  
REJECTS: SAVED

SAMPLES FROM: MR. WES RAVEN - LILLOOET BC  
COPY SENT TO: OREQUEST CONSULTANTS LTD.

PREPARED FOR: MR. PAT MCANDLESS & MR. GEORGE CAVEY

ANALYSED BY: Raymond Chan

SIGNED: 

GENERAL REMARK: RESULTS FAXED TO MR. PAT MCANDLESS - BETHLEHEM @  
687-0560 & TO MR. GEORGE CAVEY - OREQUEST @ 688-9727.

# VGC VANGEOCHEM LAB LIMITED

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V5L 1L6  
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BRANCH OFFICES  
BATHURST, N.B.  
RENO, NEVADA, U.S.A.

REPORT NUMBER: 930126 GA

JOB NUMBER: 930126

BETHLEHEM RESOURCES CORP.

PAGE 1 OF 1

SAMPLE #	Au ppb
1528 151-154	120
1529 154-157	160
1530 157-160	30
1531 160-163	80
1532 163-166	40
1533 166-169	80
1534 169-172	50
1535 172-175	70
1536 175-178	70

DETECTION LIMIT  
nd = none detected

-- = not analysed

ls = insufficient sample

**ASSAY ANALYTICAL REPORT**  
=====

CLIENT: BETHLEHEM RESOURCES CORP.  
ADDRESS: 700 - 815 W. Hastings St.  
: Vancouver, BC  
: V6C 1B4

DATE: OCT 28 1993

REPORT#: 930126 AA  
JOB#: 930126

PROJECT#: POISON MTN  
SAMPLES ARRIVED: OCT 27 1993  
REPORT COMPLETED: OCT 28 1993  
ANALYSED FOR: Cu

INVOICE#: 930126 NA  
TOTAL SAMPLES: 9  
REJECTS/PULPS: 90 DAYS/1 YR  
SAMPLE TYPE: 9 CORE

SAMPLES FROM: MR. WES RAVEN - LILLOOET BC  
COPY SENT TO: OREQUEST CONSULTANTS LTD.

PREPARED FOR: MR. PAT MCANDLESS & MR. GEORGE CAVEY

ANALYSED BY: Raymond Chan

SIGNED: 

Registered Provincial Assayer

GENERAL REMARK: RESULTS FAXED TO MR. PAT MCANDLESS - BETHLEHEM @  
687-0560 & TO MR. GEORGE CAVEY - OREQUEST @ 688-9727.

REPORT NUMBER: 930126 AA

JOB NUMBER: 930126

BETHEHEM RESOURCES CORP.

PAGE 1 OF 1

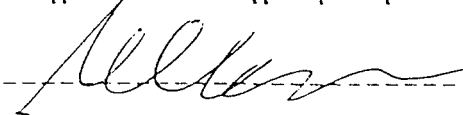
SAMPLE #	Cu %
1528 151-154	0.28
1529 154-157	0.21
1530 157-160	0.12
1531 160-163	0.19
1532 163-166	0.12
1533 166-169	0.26
1534 169-172	0.13
1535 172-175	0.21
1536 175-178	0.15

DETECTION LIMIT

0.01

1 Troy oz/short ton = 34.28 ppm    1 ppm = 0.0001 %    ppm = parts per million    < = less than

signed: \_\_\_\_\_





**VGC**

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**GEOCHEMICAL ANALYTICAL REPORT**

=====

**CLIENT: BETHLEHEM RESOURCES CORP.**  
**ADDRESS: 700 - 815 W. Hastings St.**  
**: Vancouver, BC**  
**: V6C 1B4**

**DATE: NOV 02 1993**

**REPORT#: 930130 GA**  
**JOB#: 930130**

**PROJECT#: POISON MTN**  
**SAMPLES ARRIVED: OCT 29 1993**  
**REPORT COMPLETED: NOV 02 1993**  
**ANALYSED FOR: Au (FA/AAS) 30g**

**INVOICE#: 930130 NA**  
**TOTAL SAMPLES: 27**  
**SAMPLE TYPE: 27 CORE**  
**REJECTS: SAVED**

**SAMPLES FROM: MR. GEORGE CAVEY**  
**COPY SENT TO: OREQUEST CONSULTANTS LTD.**

**PREPARED FOR: MR. PAT MCANDLESS & MR. GEORGE CAVEY**

**ANALYSED BY: Raymond Chan**

**SIGNED:**

**GENERAL REMARK: RESULTS FAXED TO MR. PAT MCANDLESS - BETHLEHEM @ 687-0560 & TO MR. GEORGE CAVEY - OREQUEST @ 688-9727.**

**VGC****VANGEOCHEM LAB LIMITED**

MAIN OFFICE  
1630 PANDORA STREET  
VANCOUVER, B.C.  
V5L 1L6  
TEL (604) 251-5656  
FAX (604) 254-5717

REPORT NUMBER: 930130 GA

JOB NUMBER: 930130

~~BETHELEN RESOURCES CORP.~~

PAGE 1 OF 1

SAMPLE #	Au ppb
1537 178-181	30
1538 181-184	30
1539 184-187	40
1540 187-190	20
1541 190-193	30
1542 193-196	50
1543 196-199	10
1544 199-202	50
1545 202-205	10
1546 205-208	40
1547 208-211	50
1548 211-214	100
1549 214-217	20
1550 217-220	40
1551 220-223	20
1552 223-226	20
1553 226-229	30
1554 229-232	20
1555 232-235	20
1556 235-238	20
1557 238-241	30
1558 241-244	20
1559 244-247	20
1560 247-250	20
1561 250-253	10
1562 253-256	30
1563 256-258.23	10

DETECTION LIMIT

nd = none detected

2

-- = not analysed

ls = insufficient sample





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**ASSAY ANALYTICAL REPORT**  
=====

**CLIENT: BETHLEHEM RESOURCES CORP.**  
**ADDRESS: 700 - 815 W. Hastings St.**  
: Vancouver, BC  
: V6C 1B4

**DATE: NOV 02 1993**

**REPORT#: 930130 AA**  
**JOB#: 930130**

**PROJECT#: POISON MTN**  
**SAMPLES ARRIVED: OCT 29 1993**  
**REPORT COMPLETED: NOV 02 1993**  
**ANALYSED FOR: Cu**

**INVOICE#: 930130 NA**  
**TOTAL SAMPLES: 27**  
**REJECTS/PULPS: 90 DAYS/1 YR**  
**SAMPLE TYPE: 27 CORE**

**SAMPLES FROM: MR. GEORGE CAVEY**  
**COPY SENT TO: OREQUEST CONSULTANTS LTD.**

**PREPARED FOR: MR. PAT MCANDLESS & MR. GEORGE CAVEY**

**ANALYSED BY: Raymond Chan**

**SIGNED:**

**Registered Provincial Assayer**

**GENERAL REMARK: RESULTS FAXED TO MR. PAT MCANDLESS - BETHLEHEM @  
687-0560 & TO MR. GEORGE CAVEY - OREQUEST @ 688-9727.**



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REPORT NUMBER: 930130 AA

JOB NUMBER: 930130

BETHLEHEM RESOURCES CORP.

PAGE 1 OF 2

SAMPLE #	Cu %
1537 178-181	0.10
1538 181-184	0.17
1539 184-187	0.18
1540 187-190	0.12
1541 190-193	0.13
1542 193-196	0.26
1543 196-199	0.10
1544 199-202	0.20
1545 202-205	0.12
1546 205-208	0.20
1547 208-211	0.21
1548 211-214	0.23
1549 214-217	0.14
1550 217-220	0.11
1551 220-223	0.06
1552 223-226	0.08
1553 226-229	0.11
1554 229-232	0.11
1555 232-235	0.16
1556 235-238	0.15

DETECTION LIMIT

0.01

1 Troy oz/short ton = 34.28 ppm    1 ppm = 0.0001 %    ppm = parts per million    < = less than

signed: \_\_\_\_\_



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REPORT NUMBER: 930130 AA

JOB NUMBER: 930130

DETERMINED RESOURCES CORP.

PAGE 2 OF 2

SAMPLE #	Cu %
1557 238-241	0.09
1558 241-244	0.08
1559 244-247	0.08
1560 247-250	0.09
1561 250-253	0.08
1562 253-256	0.18
1563 256-258.23	0.08

DETECTION LIMIT

0.01

1 Troy oz/short ton = 34.28 ppm    1 ppm = 0.0001 %    ppm = parts per million    < = less than

signed: \_\_\_\_\_



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FAX (604) 254-5717

**GEOCHEMICAL ANALYTICAL REPORT**

CLIENT: BETHLEHEM RESOURCES CORP.      DATE: NOV 05 1993  
ADDRESS: 700 - 815 W. Hastings St.  
          : Vancouver, BC      REPORT#: 930134 GA  
          : V6C 1B4      JOB#: 930134

PROJECT#: POISON MTN      INVOICE#: 930134 NA  
SAMPLES ARRIVED: NOV 01 1993      TOTAL SAMPLES: 51  
REPORT COMPLETED: NOV 05 1993      SAMPLE TYPE: 51 CORE  
ANALYSED FOR: Au (FA/AAS) 30g      REJECTS: SAVED

SAMPLES FROM: MR. WES RAVEN - LILLOOET BC  
COPY SENT TO: OREQUEST CONSULTANTS LTD.

PREPARED FOR: MR. PAT MCANDLESS & MR. GEORGE CAVEY

ANALYSED BY: Raymond Chan

SIGNED: \_\_\_\_\_

GENERAL REMARK: RESULTS FAXED TO MR. PAT MCANDLESS - BETHLEHEM @  
687-0560 & TO MR. GEORGE CAVEY - OREQUEST @ 688-9727.



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FAX (604) 254-5717

REPORT NUMBER: 930134 GA

JOB NUMBER: 930134

SYNTHESIS RESOURCES CORP.

PAGE 1 OF 2

SAMPLE #	Au ppb
1564	10
1565	10
1566	10
1567	10
1568	120
1569	10
1570	10
1571	10
1572	10
1573	10
1574	10
1575	10
1576	10
1577	10
1578	10
1579	10
1580	10
1581	10
1582	120
1583	10
1584	30
1585	30
1586	50
1587	30
1588	30
1589	40
1590	40
1591	30
1592	20
1593	30
1594	30
1595	30
1596	40
1597	20
1598	20
1599	30
1600	30
1601	20
1602	20

DETECTION LIMIT

2

nd = none detected

-- = not analysed

is = insufficient sample



# VGC VANGEOCHEM LAB LIMITED

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REPORT NUMBER: 030134 GA

JOB NUMBER: 030134

~~DETAILED RESOURCES CORP.~~

PAGE 2 OF 2

SAMPLE #	Au ppb
1603	20
1604	30
1605	20
1606	10
1607	40
1608	20
1609	20
1610	10
1611	10
1612	10
1613	10
1614	10

DETECTION LIMIT

2

nd = none detected

-- = not analysed

is = insufficient sample



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FAX (604) 254-5717

**ASSAY ANALYTICAL REPORT**

**CLIENT: BETHLEHEM RESOURCES CORP.**      **DATE: NOV 08 1993**  
**ADDRESS: 700 - 815 W. Hastings St.**  
**: Vancouver, BC**      **REPORT#: 930134 AA**  
**: V6C 1B4**      **JOB#: 930134**

**PROJECT#: POISON MTN**      **INVOICE#: 930134 NA**  
**SAMPLES ARRIVED: NOV 01 1993**      **TOTAL SAMPLES: 51**  
**REPORT COMPLETED: NOV 08 1993**      **REJECTS/PULPS: 90 DAYS/1 YR**  
**ANALYSED FOR: Cu**      **SAMPLE TYPE: 51 CORE**

**SAMPLES FROM: MR. WES RAVEN - LILLOOET BC**  
**COPY SENT TO: OREQUEST CONSULTANTS LTD.**

**PREPARED FOR: MR. PAT MCANDLESS & MR. GEORGE CAVEY**

**ANALYSED BY: Raymond Chan**

**SIGNED:**

*Raymond Chan*  
-----  
**Registered Provincial Assayer**

**GENERAL REMARK: RESULTS FAXED TO MR. PAT MCANDLESS - BETHLEHEM @ 687-0560 & TO MR. GEORGE CAVEY - OREQUEST @ 688-9727.**



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FAX (604) 254-5717

REPORT NUMBER: 930134 AA

JOB NUMBER: 930134

DEVELOPER RESOURCES CORP.

PAGE 1 OF 3

SAMPLE #	Cu %
1564	0.13
1565	0.14
1566	0.14
1567	0.17
1568	0.27
1569	0.21
1570	0.14
1571	0.17
1572	0.12
1573	0.11
1574	0.12
1575	0.11
1576	0.09
1577	0.12
1578	0.14
1579	0.16
1580	0.18
1581	0.12
1582	0.14
1583	0.12

DETECTION LIMIT 0.01

1 Troy oz/short ton = 34.28 ppm 1 ppm = 0.0001 % ppm = parts per million < = less than

signed: \_\_\_\_\_



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REPORT NUMBER: 930184 AA      JOB NUMBER: 930184      ~~BYTHEBYE RESOURCES CORP.~~      PAGE 2 OF 3

SAMPLE #	Cu %
1584	0.13
1585	0.18
1586	0.23
1587	0.19
1588	0.16
1589	0.19
1590	0.10
1591	0.13
1592	0.10
1593	0.16
1594	0.13
1595	0.16
1596	0.13
1597	0.09
1598	0.10
1599	0.10
1600	0.15
1601	0.10
1602	0.10
1603	0.15

DETECTION LIMIT      0.01

1 Troy oz/short ton = 34.28 ppm      1 ppm = 0.0001%      ppm = parts per million      < = less than

signed: 



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REPORT NUMBER: 990194 AA

JOB NUMBER: 990194

DEVELOPER RESOURCES CORP.

PAGE 3 OF 3

SAMPLE #	Cu %
1604	0.11
1605	0.10
1606	0.10
1607	0.14
1608	0.13
1609	0.11
1610	0.07
1611	0.06
1612	0.07
1613	0.05
1614	0.05

DETECTION LIMIT

0.01

1 Troy oz/short ton = 34.28 ppm

1 ppm = 0.0001 %

ppm = parts per million

< = less than

signed: 





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REPORT NUMBER: 930138 GA

JOB NUMBER: 930138

RETIREE RESOURCES CORP.

PAGE 1 OF 1

SAMPLE #	Au ppb
1615	40
1616	30
1617	40
1618	20
1619	40
1620	20
1621	30
1622	20
1623	40
1624	20
1625	20
1626	40
1627	40
1628	10
1629	10
1630	10
1631	10
1632	10
1633	10
1634	60
1635	20
1636	nd
1637	10
1638	10
1639	20

DETECTION LIMIT

nd = none detected

-- = not analysed

2

ls = insufficient sample



**VGC VANGEOCHEM LAB LIMITED**

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VANCOUVER, B.C.  
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FAX (604) 254-5717

**ASSAY ANALYTICAL REPORT**

=====

CLIENT: BETHLEHEM RESOURCES CORP.      DATE: NOV 08 1993  
ADDRESS: 700 - 815 W. Hastings St.  
          : Vancouver, BC      REPORT#: 930138 AA  
          : V6C 1B4            JOB#: 930138

PROJECT#: POISON MTN      INVOICE#: 930138 NA  
SAMPLES ARRIVED: NOV 03 1993      TOTAL SAMPLES: 25  
REPORT COMPLETED: NOV 08 1993      REJECTS/PULPS: 90 DAYS/1 YR  
ANALYSED FOR: Cu      SAMPLE TYPE: 25 CORE

SAMPLES FROM: MR. WES RAVEN - LILLOOET BC  
COPY SENT TO: OREQUEST CONSULTANTS LTD.

PREPARED FOR: MR. PAT MCANDLESS & MR. GEORGE CAVEY

ANALYSED BY: Raymond Chan

SIGNED: 

Registered Provincial Assayer

GENERAL REMARK: RESULTS FAXED TO MR. PAT MCANDLESS - BETHLEHEM @  
687-0560 & TO MR. GEORGE CAVEY - OREQUEST @ 688-9727.

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REPORT NUMBER: 930130 AA

JOB NUMBER: 930130

RETELKEN RESOURCES CORP.

PAGE 1 OF 2

SAMPLE #	Cu %
1615	0.07
1616	0.11
1617	0.14
1618	0.18
1619	0.11
1620	0.13
1621	0.10
1622	0.12
1623	0.13
1624	0.16
1625	0.17
1626	0.15
1627	0.20
1628	0.08
1629	0.09
1630	0.06
1631	0.08
1632	0.09
1633	0.10
1634	0.23

DETECTION LIMIT 0.01

1 Troy oz/short ton = 34.28 ppm 1 ppm = 0.0001 % ppm = parts per million &lt; = less than

signed: 



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REPORT NUMBER: 930138 AA

JOB NUMBER: 930138

DEVELOPER RESOURCES CORP.

PAGE 2 OF 2

SAMPLE #	Cu %
1635	0.11
1636	0.08
1637	0.13
1638	0.08
1639	0.09

DETECTION LIMIT

0.01

1 Troy oz/short ton = 31.28 ppm    1 ppm = 0.0001 %    ppm = parts per million    < = less than

signed: \_\_\_\_\_



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**GEOCHEMICAL ANALYTICAL REPORT**

=====

**CLIENT: BETHLEHEM RESOURCES CORP.**      **DATE: NOV 08 1993**  
**ADDRESS: 700 - 815 W. Hastings St.**  
          : Vancouver, BC      **REPORT#: 930139 GA**  
          : V6C 1B4            **JOB#: 930139**

**PROJECT#: POISON MTN**      **INVOICE#: 930139 NA**  
**SAMPLES ARRIVED: NOV 04 1993**      **TOTAL SAMPLES: 39**  
**REPORT COMPLETED: NOV 08 1993**      **SAMPLE TYPE: 39 CORE**  
**ANALYSED FOR: Au (FA/AAS) 30g**      **REJECTS: SAVED**

**SAMPLES FROM: MR. WES RAVEN - LILLOOET BC**  
**COPY SENT TO: OREQUEST CONSULTANTS LTD.**

**PREPARED FOR: MR. PAT MCANDLESS & MR. GEORGE CAVEY**

**ANALYSED BY: Raymond Chan**

**SIGNED:** \_\_\_\_\_

**GENERAL REMARK: RESULTS FAXED TO MR. PAT MCANDLESS - BETHLEHEM @ 687-0560 & TO MR. GEORGE CAVEY - OREQUEST @ 688-9727.**





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REPORT NUMBER: 930130 GA

JOB NUMBER: 930130

RETIREN RESOURCES CORP.

PAGE 1 OF 1

SAMPLE #	Au ppb
1640	10
1641	10
1642	20
1643	10
1644	20
1645	20
1646	10
1647	30
1648	20
1649	50
1650	40
1651	20
1652	20
1653	20
1654	10
1655	30
1656	40
1657	100
1658	90
1659	140
1660	70
1661	110
1662	100
1663	120
1664	80
1665	60
1666	120
1667	70
1668	110
1669	90
1670	50
1671	90
1672	30
1673	120
1674	70
1675	130
1676	80
1677	120
1678	70

DETECTION LIMIT

2

nd = none detected

-- = not analysed

is = insufficient sample



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**ASSAY ANALYTICAL REPORT**

=====

**CLIENT: BETHLEHEM RESOURCES CORP.**  
**ADDRESS: 700 - 815 W. Hastings St.**  
: Vancouver, BC  
: V6C 1B4

**DATE: NOV 09 1993**

**REPORT#: 930139 AA**  
**JOB#: 930139**

**PROJECT#: POISON MTN**  
**SAMPLES ARRIVED: NOV 04 1993**  
**REPORT COMPLETED: NOV 09 1993**  
**ANALYSED FOR: Cu**

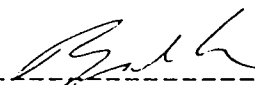
**INVOICE#: 930139 NA**  
**TOTAL SAMPLES: 39**  
**REJECTS/PULPS: 90 DAYS/1 YR**  
**SAMPLE TYPE: 39 CORE**

**SAMPLES FROM: MR. WES RAVEN - LILLOOET BC**  
**COPY SENT TO: OREQUEST CONSULTANTS LTD.**

**PREPARED FOR: MR. PAT MCANDLESS & MR. GEORGE CAVEY**

**ANALYSED BY: Raymond Chan**

**SIGNED:**

  
-----

**Registered Provincial Assayer**

**GENERAL REMARK: RESULTS FAXED TO MR. PAT MCANDLESS - BETHLEHEM @ 687-0560 & TO MR. GEORGE CAVEY - OREQUEST @ 688-9727.**



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REPORT NUMBER: 930139 AA

JOB NUMBER: 930139

DETELLEN RESOURCES CORP.

PAGE 1 OF 2

SAMPLE #	Cu %
1640	0.11
1641	0.13
1642	0.15
1643	0.10
1644	0.15
1645	0.14
1646	0.09
1647	0.13
1648	0.12
1649	0.41
1650	0.17
1651	0.11
1652	0.13
1653	0.13
1654	0.17
1655	0.20
1656	0.18
1657	0.32
1658	0.32
1659	0.39

DETECTION LIMIT

0.01

1 Troy oz/short ton = 34.28 ppm    1 ppm = 0.0001 %    ppm = parts per million    < = less than

signed: \_\_\_\_\_



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REPORT NUMBER: 930139 AA

JOB NUMBER: 930139

DETELZEN RESOURCES CORP.

PAGE 2 OF 2

SAMPLE #	Cu %
1660	0.23
1661	0.40
1662	0.40
1663	0.36
1664	0.27
1665	0.15
1666	0.31
1667	0.37
1668	0.37
1669	0.30
1670	0.28
1671	0.39
1672	0.09
1673	0.40
1674	0.29
1675	0.43
1676	0.30
1677	0.38
1678	0.27

DETECTION LIMIT

0.01

1 Troy oz/short ton = 34.28 ppm    1 ppm = 0.0001 %    ppm = parts per million    < = less than

signed: \_\_\_\_\_



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FAX (604) 254-5717

**GEOCHEMICAL ANALYTICAL REPORT**

=====

**CLIENT: BETHLEHEM RESOURCES CORP.**  
**ADDRESS: 700 - 815 W. Hastings St.**  
: Vancouver, BC  
: V6C 1B4

**DATE: NOV 10 1993**

**REPORT#: 930140 GA**  
**JOB#: 930140**

**PROJECT#: POISON MTN**  
**SAMPLES ARRIVED: NOV 08 1993**  
**REPORT COMPLETED: NOV 10 1993**  
**ANALYSED FOR: Au (FA/AAS) 30g**

**INVOICE#: 930140 NA**  
**TOTAL SAMPLES: 23**  
**SAMPLE TYPE: 23 CORE**  
**REJECTS: SAVED**

**SAMPLES FROM: MR. WES RAVEN - LILLOOET BC**  
**COPY SENT TO: OREQUEST CONSULTANTS LTD.**

**PREPARED FOR: MR. PAT MCANDLESS & MR. GEORGE CAVEY**

**ANALYSED BY: Raymond Chan**

**SIGNED:** \_\_\_\_\_  
*Raymond Chan*

**GENERAL REMARK: RESULTS FAXED TO MR. PAT MCANDLESS - BETHLEHEM @ 687-0560 & TO MR. GEORGE CAVEY - OREQUEST @ 688-9727.**



**VGC**

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REPORT NUMBER: 930140 GA

JOB NUMBER: 930140

DETECTIVE RESOURCES CORP.

PAGE 1 OF 1

SAMPLE #	Au ppb
1679	40
1680	20
1681	60
1682	90
1683	50
1684	80
1685	70
1686	30
1687	60
1688	50
1689	30
1690	80
1691	100
1692	110
1693	50
1694	20
1695	60
1696	50
1697	20
1698	20
1699	30
1700	80
1701	70

DETECTION LIMIT

nd = none detected

2

-- = not analysed

ls = insufficient sample



**VGC**

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MAIN OFFICE  
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FAX (604) 254-5717

**ASSAY ANALYTICAL REPORT**

=====

**CLIENT: BETHLEHEM RESOURCES CORP.**  
**ADDRESS: 700 - 815 W. Hastings St.**  
**: Vancouver, BC**  
**: V6C 1B4**

**DATE: NOV 10 1993**

**REPORT#: 930140 AA**  
**JOB#: 930140**

**PROJECT#: POISON MTN**  
**SAMPLES ARRIVED: NOV 08 1993**  
**REPORT COMPLETED: NOV 10 1993**  
**ANALYSED FOR: Cu**

**INVOICE#: 930140 NA**  
**TOTAL SAMPLES: 23**  
**REJECTS/PULPS: 90 DAYS/1 YR**  
**SAMPLE TYPE: 23 CORE**

**SAMPLES FROM: MR. WES RAVEN - LILLOOET BC**  
**COPY SENT TO: OREQUEST CONSULTANTS LTD.**

**PREPARED FOR: MR. PAT MCANDLESS & MR. GEORGE CAVEY**

**ANALYSED BY: Raymond Chan**

**SIGNED:**

  
-----  
**Registered Provincial Assayer**

**GENERAL REMARK: RESULTS FAXED TO MR. PAT MCANDLESS - BETHLEHEM @ 687-0560 & TO MR. GEORGE CAVEY - OREQUEST @ 688-9727.**

**VGC****VANGEOCHEM LAB LIMITED**

MAIN OFFICE  
1630 PANDORA STREET  
VANCOUVER, B.C.  
V5L 1L6  
TEL (604) 251-5656  
FAX (604) 254-5717

REPORT NUMBER: 930140 AA

JOB NUMBER: 930140

DEYLEEN RESOURCES CORP.

PAGE 1 OF 2

SAMPLE #	Cu %
1679	0.21
1680	0.23
1681	0.28
1682	0.39
1683	0.19
1684	0.25
1685	0.27
1686	0.19
1687	0.26
1688	0.26
1689	0.25
1690	0.27
1691	0.30
1692	0.31
1693	0.23
1694	0.17
1695	0.29
1696	0.19
1697	0.12
1698	0.15

DETECTION LIMIT

0.01

1 Troy oz/short ton = 34.28 ppm 1 ppm = 0.0001 % ppm = parts per million &lt; = less than

signed: \_\_\_\_\_





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REPORT NUMBER: 930140 AA

JOB NUMBER: 930140

DETELLEN RESOURCES CORP.

PAGE 2 OF 2

SAMPLE #	Cu %
1699	0.13
1700	0.22
1701	0.24

DETECTION LIMIT

0.01

1 Troy oz/short ton = 34.28 ppm    1 ppm = 0.0001 %    ppm = parts per million    < = less than

signed: \_\_\_\_\_



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FAX (604) 254-5717

**GEOCHEMICAL ANALYTICAL REPORT**  
=====

**CLIENT: BETHLEHEM RESOURCES CORP.**  
**ADDRESS: 700 - 815 W. Hastings St.**  
: Vancouver, BC  
: V6C 1B4

**DATE: NOV 19 1993**

**REPORT#: 930143 GA**  
**JOB#: 930143**

**PROJECT#: POISON MTN**  
**SAMPLES ARRIVED: NOV 17 1993**  
**REPORT COMPLETED: NOV 19 1993**  
**ANALYSED FOR: Au (FA/AAS) 30g**

**INVOICE#: 930143 NA**  
**TOTAL SAMPLES: 75**  
**SAMPLE TYPE: 75 CORE**  
**REJECTS: SAVED**

**SAMPLES FROM: MR. WES RAVEN - LILLOOET BC**  
**COPY SENT TO: OREQUEST CONSULTANTS LTD.**

**PREPARED FOR: MR. PAT MCANDLESS & MR. GEORGE CAVEY**

**ANALYSED BY: Raymond Chan**

**SIGNED:** \_\_\_\_\_  
*Raymond Chan*

**GENERAL REMARK: RESULTS FAXED TO MR. PAT MCANDLESS - BETHLEHEM @ 687-0560 & TO MR. GEORGE CAVEY - OREQUEST @ 688-9727.**



# VGC VANGEOCHEM LAB LIMITED

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VANCOUVER, B.C.  
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FAX (604) 254-5717

REPORT NUMBER: 930143 GA

JOB NUMBER: 930143

DETHELEN RESOURCES CORP.

PAGE 1 OF 2

SAMPLE #	Au ppb
1702	80
1703	40
1704	80
1705	60
1706	80
1707	50
1708	40
1709	120
1710	300
1711	60
1712	80
1713	50
1714	60
1715	70
1716	220
1717	110
1718	60
1719	120
1720	80
1721	120
1722	100
1723	80
1724	100
1725	70
1726	90
1727	100
1728	90
1729	80
1730	130
1731	230
1732	80
1733	70
1734	80
1735	40
1736	30
1737	120
1738	70
1739	60
1740	160

DETECTION LIMIT

2

nd = none detected

-- = not analysed

ls = insufficient sample



# VGC VANGEOCHEM LAB LIMITED

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VANCOUVER, B.C.  
V5L 1L6  
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FAX (604) 254-5717

REPORT NUMBER: 930143 GA

JOB NUMBER: 930143

BETHLEHEM RESOURCES CORP.

PAGE 2 OF 2

SAMPLE #	Au ppb
1741	70
1742	190
1743	210
1744	160
1745	180
1746	150
1747	250
1748	110
1749	140
1750	290
1751	130
1752	70
1753	230
1754	250
1755	160
1756	140
1757	90
1758	60
1759	100
1760	240
1761	240
1762	100
1763	220
1764	260
1765	340
1766	300
1767	380
1768	240
1769	170
1770	150
1771	130
1772	150
1773	110
1774	140
1775	130
1776	260

DETECTION LIMIT

2

nd = none detected

-- = not analysed

is = insufficient sample



**VGC VANGEOCHEM LAB LIMITED**

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VANCOUVER, B.C.  
V5L 1L6  
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FAX (604) 254-5717

**ASSAY ANALYTICAL REPORT**  
=====

CLIENT: BETHLEHEM RESOURCES CORP.  
ADDRESS: 700 - 815 W. Hastings St.  
: Vancouver, BC  
: V6C 1B4

DATE: NOV 19 1993

REPORT#: 930143 AA  
JOB#: 930143

PROJECT#: POISON MTN  
SAMPLES ARRIVED: NOV 17 1993  
REPORT COMPLETED: NOV 19 1993  
ANALYSED FOR: Cu

INVOICE#: 930143 NA  
TOTAL SAMPLES: 75  
REJECTS/PULPS: 90 DAYS/1 YR  
SAMPLE TYPE: 75 CORE

SAMPLES FROM: MR. WES RAVEN - LILLOOET BC  
COPY SENT TO: OREQUEST CONSULTANTS LTD.

PREPARED FOR: MR. PAT MCANDLESS & MR. GEORGE CAVEY

ANALYSED BY: Raymond Chan

SIGNED: \_\_\_\_\_

Registered Provincial Assayer

GENERAL REMARK: RESULTS FAXED TO MR. PAT MCANDLESS - BETHLEHEM @  
687-0560 & TO MR. GEORGE CAVEY - OREQUEST @ 688-9727.

**VGC****VANGEOCHEM LAB LIMITED**MAIN OFFICE  
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V5L 1L6  
TEL (604) 251-5656  
FAX (604) 254-5717

REPORT NUMBER: 930143 AA

JOB NUMBER: 930143

BETHLEHEM RESOURCES CORP.

PAGE 1 OF 4

SAMPLE #	Cu %
1702	0.28
1703	0.23
1704	0.27
1705	0.26
1706	0.30
1707	0.20
1708	0.23
1709	0.35
1710	0.54
1711	0.19
1712	0.29
1713	0.26
1714	0.28
1715	0.27
1716	0.45
1717	0.37
1718	0.28
1719	0.33
1720	0.31
1721	0.45

DETECTION LIMIT

0.01

1 Troy oz/short ton = 34.28 ppm    1 ppm = 0.0001 %    ppm = parts per million    &lt; = less than

signed: \_\_\_\_\_



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REPORT NUMBER: 930143 AA

JOB NUMBER: 930143

BETHLEHEM RESOURCES CORP.

PAGE 2 OF 4

SAMPLE #	Cu %
1722	0.36
1723	0.32
1724	0.36
1725	0.30
1726	0.27
1727	0.33
1728	0.31
1729	0.27
1730	0.23
1731	0.35
1732	0.23
1733	0.21
1734	0.32
1735	0.22
1736	0.15
1737	0.25
1738	0.21
1739	0.20
1740	0.39
1741	0.27

DETECTION LIMIT

0.01

1 Troy oz/short ton = 34.28 ppm    1 ppm = 0.0001 %    ppm = parts per million    < = less than

signed: \_\_\_\_\_

**VGC****VANGEOCHEM LAB LIMITED**

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REPORT NUMBER: 930143 AA

JOB NUMBER: 930143

DEYLENEN RESOURCES CORP.

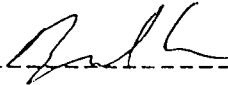
PAGE 3 OF 4

SAMPLE #	Cu %
1742	0.33
1743	0.34
1744	0.36
1745	0.42
1746	0.33
1747	0.42
1748	0.26
1749	0.27
1750	0.23
1751	0.20
1752	0.16
1753	0.31
1754	0.54
1755	0.24
1756	0.24
1757	0.17
1758	0.15
1759	0.20
1760	0.21
1761	0.20

DETECTION LIMIT

0.01

1 Troy oz/short ton = 34.28 ppm 1 ppm = 0.0001 % ppm = parts per million &lt; = less than

signed: \_\_\_\_\_  






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REPORT NUMBER: 930143 AA

JOB NUMBER: 930143

BETHELEN RESOURCES CORP.

PAGE 4 OF 4

SAMPLE #	Cu %
1762	0.16
1763	0.31
1764	0.30
1765	0.37
1766	0.33
1767	0.32
1768	0.23
1769	0.14
1770	0.17
1771	0.18
1772	0.13
1773	0.11
1774	0.17
1775	0.19
1776	0.20

DETECTION LIMIT

0.01

1 Troy oz/short ton = 34.28 ppm    1 ppm = 0.0001 %    ppm = parts per million    < = less than

signed: \_\_\_\_\_



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FAX (604) 254-5717

**GEOCHEMICAL ANALYTICAL REPORT**

=====

**CLIENT: BETHLEHEM RESOURCES CORP.**  
**ADDRESS: 700 - 815 W. Hastings St.**  
**: Vancouver, BC**  
**: V6C 1B4**

**DATE: NOV 23 1993**

**REPORT#: 930144 GA**  
**JOB#: 930144**

**PROJECT#: POISON MTN**  
**SAMPLES ARRIVED: NOV 18 1993**  
**REPORT COMPLETED: NOV 23 1993**  
**ANALYSED FOR: Au (FA/AAS) 30g**

**INVOICE#: 930144 NA**  
**TOTAL SAMPLES: 44**  
**SAMPLE TYPE: 44 CORE**  
**REJECTS: SAVED**

**SAMPLES FROM: MR. WES RAVEN - LILLOOET BC**  
**COPY SENT TO: OREQUEST CONSULTANTS LTD.**

**PREPARED FOR: MR. PAT MCANDLESS & MR. GEORGE CAVEY**

**ANALYSED BY: Raymond Chan**

**SIGNED:** \_\_\_\_\_

**GENERAL REMARK: RESULTS FAXED TO MR. PAT MCANDLESS - BETHLEHEM @ 687-0560 & TO MR. GEORGE CAVEY - OREQUEST @ 688-9727.**

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REPORT NUMBER: 930144 GA

JOB NUMBER: 930144

BETHLEHEM RESOURCES CORP.

PAGE 1 OF 2

SAMPLE #	Au ppb
1777	100
1778	120
1779	150
1780	160
1781	250
1782	130
1783	110
1784	130
1785	140
1786	250
1787	350
1788	150
1789	190
1790	140
1791	120
1792	280
1793	300
1794	210
1795	140
1796	100
1797	50
1798	190
1799	100
1800	120
1801	110
1802	110
1803	40
1804	120
1805	80
1806	110
1807	120
1808	110
1809	170
1810	90
1811	80
1812	150
1813	130
1814	110
1815	130

DETECTION LIMIT

2

nd = none detected

-- = not analysed

ls = insufficient sample



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VANCOUVER, B.C.  
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FAX (604) 254-5717

**ASSAY ANALYTICAL REPORT**  
=====

CLIENT: BETHLEHEM RESOURCES CORP.  
ADDRESS: 700 - 815 W. Hastings St.  
: Vancouver, BC  
: V6C 1B4

DATE: NOV 23 1993

REPORT#: 930144 AA  
JOB#: 930144

PROJECT#: POISON MTN  
SAMPLES ARRIVED: NOV 18 1993  
REPORT COMPLETED: NOV 23 1993  
ANALYSED FOR: Cu

INVOICE#: 930144 NA  
TOTAL SAMPLES: 44  
REJECTS/PULPS: 90 DAYS/1 YR  
SAMPLE TYPE: 44 CORE

SAMPLES FROM: MR. WES RAVEN - LILLOOET BC  
COPY SENT TO: OREQUEST CONSULTANTS LTD.

PREPARED FOR: MR. PAT MCANDLESS & MR. GEORGE CAVEY

ANALYSED BY: Raymond Chan

SIGNED: 

Registered Provincial Assayer

GENERAL REMARK: RESULTS FAXED TO MR. PAT MCANDLESS - BETHLEHEM @  
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REPORT NUMBER: 930144 AA

JOB NUMBER: 930144

BETHELEN RESOURCES CORP.


PAGE 1 OF 3

SAMPLE #	Cu %
1777	0.13
1778	0.15
1779	0.19
1780	0.20
1781	0.23
1782	0.18
1783	0.17
1784	0.19
1785	0.20
1786	0.31
1787	0.30
1788	0.20
1789	0.24
1790	0.25
1791	0.20
1792	0.36
1793	0.39
1794	0.30
1795	0.13
1796	0.18

DETECTION LIMIT

0.01

1 Troy oz/short ton = 34.28 ppm    1 ppm = 0.0001 %    ppm = parts per million    &lt; = less than

signed: 

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REPORT NUMBER: 930144 AA

JOB NUMBER: 930144

BEYLEHEN RESOURCES CORP.

PAGE 2 OF 3

SAMPLE #	Cu %
1797	0.10
1798	0.22
1799	0.21
1800	0.23
1801	0.19
1802	0.19
1803	0.12
1804	0.19
1805	0.15
1806	0.19
1807	0.19
1808	0.18
1809	0.26
1810	0.18
1811	0.16
1812	0.17
1813	0.20
1814	0.18
1815	0.16
1816	0.12

DETECTION LIMIT

0.01

1 Troy oz/short ton = 34.28 ppm    1 ppm = 0.0001 %    ppm = parts per million    &lt; = less than

signed: 



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REPORT NUMBER: 930144 AA

JOB NUMBER: 930144

RETULEKEN RESOURCES CORP.

PAGE 3 OF 3

SAMPLE #	Cu %
1817	0.10
1818	0.18
1819	0.13
1820	0.19

DETECTION LIMIT

0.01

1 Troy oz/short ton = 34.28 ppm    1 ppm = 0.0001 %    ppm = parts per million    < = less than

signed: \_\_\_\_\_

**=====**  
**GEOCHEMICAL ANALYTICAL REPORT**  
**=====**

CLIENT: BETHLEHEM RESOURCES CORP.  
ADDRESS: 700 - 815 W. Hastings St.  
: Vancouver, BC  
: V6C 1B4

DATE: OCT 05 1993

REPORT#: 930098 GA  
JOB#: 930098

PROJECT#: POISON MTN  
SAMPLES ARRIVED: SEP 30 1993  
REPORT COMPLETED: OCT 05 1993  
ANALYSED FOR: Au (FA/AAS) ICP

INVOICE#: 930098 NA  
TOTAL SAMPLES: 53  
SAMPLE TYPE: 53 SOIL  
REJECTS: DISCARDED

SAMPLES FROM: MR. WES RAVEN  
COPY SENT TO: OREQUEST CONSULTANTS LTD.

PREPARED FOR: MR. PAT MCANDLESS & MR. GEORGE CAVEY

ANALYSED BY: Raymond Chan

SIGNED: 

GENERAL REMARK: RESULTS FAXED TO MR. PAT MCANDLESS - BETHLEHEM @  
687-0560 & TO MR. GEORGE CAVEY - OREQUEST @ 688-9727.



REPORT NUMBER: 930098 GA

JOB NUMBER: 930098

BETHLEHEM RESOURCES CORP.

PAGE 1 OF 2

SAMPLE #	Au ppb
L87E 90+00N	nd
L87E 90+25N	nd
L87E 90+50N	nd
L87E 90+75N	nd
L87E 91+00N	20
L87E 91+25N	50
L87E 91+50N	nd
L87E 91+75N	nd
L87E 92+00N	60
L87E 92+25N	nd
L87E 92+50N	nd
L87E 92+75N	nd
L87E 93+00N	nd
L87E 93+25N	nd
L87E 93+50N	nd
L87E 93+75N	nd
L87E 94+00N	nd
L87E 94+25N	nd
L87E 94+50N	nd
L87E 94+75N	nd
L87E 95+00N	nd
L87E 95+25N	nd
L87E 95+50N	nd
L87E 95+75N	20
L87E 96+00N	60
L87E 96+25N	nd
L87E 96+50N	nd
L87E 96+75N	nd
L87E 97+00N	nd
L87E 97+25N	10
L87E 97+50N	30
L87E 97+75N	20
L87E 98+00N	nd
L87E 98+25N	nd
L87E 98+50N	nd
L87E 98+75N	nd
L87E 99+00N	nd
L87E 99+25N	nd
L87E 99+50N	nd

DETECTION LIMIT 5

nd = none detected

-- = not analysed

Is = Insufficient sample

REPORT NUMBER: 930098 GA

JOB NUMBER: 930098

BETHLEHEM RESOURCES CORP.

PAGE 2 OF 2

SAMPLE #	Au
L87E 99+75N	ppb nd
L87E 100+00N	nd
L87E 100+25N	nd
L87E 100+50N	nd
L87E 100+75N	nd
L87E 101+00N	nd
L87E 101+25N	nd
L87E 101+50N	nd
L87E 101+75N	nd
L87E 102+00N	nd
L87E 102+25N	nd
L87E 102+50N	nd
L87E 102+75N	nd
L87E 103+00N	nd

DETECTION LIMIT

5

nd = none detected

-- = not analysed

Is = insufficient sample

ICAP GEOCHEMICAL ANALYSIS

A .5 gram sample is digested with 5 ml of 3:1:2 HCL to HNO<sub>3</sub> to H<sub>2</sub>O at 95 °C for 90 minutes and is diluted to 10 ml with water.  
 This leach is partial for Al, Ba, Ca, Cr, Fe, K, Mg, Mn, Na, P, Sn, Sr and W.

ANALYST: *Boch*

REPORT #: 930098 PA BETHLEHEM RESOURCES CORP. PROJECT: POISON MTN DATE IN: SEPT 30 1993 DATE OUT: OCT 7 1993 ATTENTION: MR. PAT MCANDLESS & MR. GEORGE CAVEY PAGE 1 OF 2

Sample Name	Ag ppm	Al %	As ppm	*Au ppb	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sn ppm	Sr ppm	U ppm	W ppm	Zn ppm
L87E 90+00N	<0.1	3.51	<3	<5	218	<3	1.31	<0.1	51	439	49	5.89	<0.01	5.02	976	<1	<0.01	472	0.07	<2	<2	<2	75	<5	<3	129
L87E 90+25N	<0.1	3.77	<3	<5	197	<3	1.17	<0.1	26	74	24	4.79	<0.01	1.49	1148	<1	0.03	50	0.06	<2	<2	<2	67	<5	<3	110
L87E 90+50N	<0.1	4.23	<3	<5	108	<3	1.61	<0.1	22	72	61	5.64	<0.01	1.72	1220	<1	0.03	29	0.07	<2	<2	<2	78	<5	<3	104
L87E 90+75N	<0.1	2.66	<3	<5	208	<3	0.54	<0.1	13	42	16	3.84	<0.01	0.67	884	5	0.02	27	0.07	4	<2	<2	31	<5	<3	144
L87E 91+00N	<0.1	3.67	<3	20	144	<3	1.45	<0.1	37	53	332	5.60	<0.01	1.64	1024	4	0.05	38	0.10	<2	<2	<2	199	<5	<3	132
L87E 91+25N	<0.1	3.00	<3	50	157	<3	1.03	<0.1	28	71	770	4.90	<0.01	1.63	632	6	0.05	82	0.08	<2	<2	<2	132	<5	<3	86
L87E 91+50N	<0.1	3.65	<3	<5	275	<3	1.07	<0.1	23	93	47	5.14	<0.01	1.19	1395	4	0.02	78	0.06	<2	<2	<2	69	<5	<3	168
L87E 91+75N	<0.1	3.02	<3	<5	251	<3	0.68	<0.1	19	76	26	4.68	<0.01	1.11	912	3	0.02	62	0.07	<2	<2	<2	55	<5	<3	165
L87E 92+00N	<0.1	3.48	<3	60	193	<3	0.92	<0.1	22	80	27	5.02	<0.01	1.23	1104	1	0.03	56	0.07	<2	<2	<2	61	<5	<3	188
L87E 92+25N	<0.1	2.14	<3	<5	137	<3	0.96	<0.1	16	41	16	3.61	<0.01	0.76	737	2	0.04	27	0.05	<2	<2	<2	62	<5	<3	93
L87E 92+50N	<0.1	3.89	<3	<5	287	<3	1.43	<0.1	23	58	25	5.28	<0.01	1.46	1771	2	0.01	41	0.07	60	<2	<2	80	<5	<3	154
L87E 92+75N	<0.1	2.85	<3	<5	178	<3	0.90	<0.1	23	64	17	4.75	<0.01	1.07	749	2	0.03	51	0.04	10	<2	<2	114	<5	<3	90
L87E 93+00N	<0.1	2.56	<3	<5	176	<3	0.80	<0.1	27	132	15	4.57	<0.01	1.15	812	1	0.02	152	0.07	9	<2	<2	59	<5	<3	211
L87E 93+25N	<0.1	2.26	<3	<5	173	<3	0.65	<0.1	23	141	12	4.69	<0.01	0.85	443	4	0.03	151	0.05	<2	<2	<2	55	<5	<3	160
L87E 93+50N	<0.1	3.25	<3	<5	140	<3	0.44	<0.1	15	76	10	4.33	<0.01	1.25	514	3	0.01	50	0.09	<2	<2	<2	37	<5	<3	212
L87E 93+75N	<0.1	2.12	<3	<5	148	<3	0.70	<0.1	25	138	13	4.09	<0.01	0.98	542	1	0.03	167	0.06	<2	<2	<2	58	<5	<3	143
L87E 94+00N	<0.1	2.31	<3	<5	155	<3	0.69	<0.1	23	102	20	4.90	<0.01	0.89	570	2	0.03	116	0.08	<2	<2	<2	78	<5	<3	128
L87E 94+25N	<0.1	2.22	<3	<5	137	<3	0.54	<0.1	19	81	9	3.31	<0.01	0.75	554	2	0.04	72	0.07	<2	<2	<2	37	<5	<3	165
L87E 94+50N	<0.1	2.71	<3	<5	169	<3	0.46	<0.1	16	50	9	3.25	<0.01	0.52	416	6	0.04	63	0.04	<2	<2	<2	26	<5	<3	114
L87E 94+75N	<0.1	4.40	<3	<5	124	<3	0.60	<0.1	15	50	18	5.27	<0.01	1.43	790	5	0.02	28	0.08	<2	<2	<2	34	<5	<3	438
L87E 95+00N	<0.1	3.57	<3	<5	114	<3	0.73	<0.1	26	88	33	5.37	<0.01	1.72	1064	2	0.01	85	0.04	11	<2	<2	43	<5	<3	436
L87E 95+25N	<0.1	2.87	<3	<5	165	<3	0.76	<0.1	29	208	19	5.93	<0.01	1.26	605	4	0.02	176	0.06	<2	<2	<2	67	<5	<3	257
L87E 95+50N	0.5	4.54	32	<5	114	<3	0.59	<0.1	20	97	25	6.68	<0.01	1.65	913	7	0.01	79	0.06	16	<2	<2	44	<5	<3	919
L87E 95+75N	<0.1	2.65	<3	20	116	<3	0.45	<0.1	19	90	16	4.72	<0.01	1.14	557	3	0.04	71	0.06	9	<2	<2	44	<5	<3	448
L87E 96+00N	<0.1	2.98	12	60	123	<3	0.53	<0.1	24	77	27	5.49	<0.01	1.36	822	3	0.03	60	0.05	16	<2	<2	46	<5	<3	558
L87E 96+25N	0.3	3.09	<3	<5	148	<3	0.45	<0.1	20	99	18	4.80	<0.01	1.09	556	4	0.03	91	0.08	28	<2	<2	44	<5	<3	558
L87E 96+50N	<0.1	2.68	13	<5	126	<3	0.48	<0.1	19	96	16	3.65	<0.01	0.83	469	4	0.03	80	0.06	81	<2	<2	41	<5	<3	549
L87E 96+75N	0.3	2.84	8	<5	145	<3	0.37	<0.1	17	84	20	4.17	<0.01	0.89	545	6	0.03	103	0.05	15	<2	<2	49	<5	<3	536
L87E 97+00N	<0.1	4.28	143	<5	120	<3	0.39	<0.1	24	114	61	6.17	<0.01	1.60	929	5	0.01	117	0.09	50	<2	<2	59	<5	<3	711
L87E 97+25N	0.2	4.04	271	10	159	<3	0.56	<0.1	20	72	71	5.78	<0.01	1.38	615	7	0.03	51	0.05	9	17	<2	121	<5	<3	667
L87E 97+50N	0.6	4.54	224	30	133	<3	0.45	<0.1	21	73	65	6.30	<0.01	1.14	915	10	0.04	55	0.14	<2	<2	<2	58	<5	<3	466
L87E 97+75N	<0.1	3.11	9	20	111	<3	0.51	<0.1	16	58	28	4.73	<0.01	1.10	580	4	0.03	41	0.08	2	<2	<2	91	<5	<3	314
L87E 98+00N	0.2	2.64	<3	<5	115	<3	0.44	<0.1	15	58	12	3.94	<0.01	0.72	369	5	0.03	34	0.08	<2	<2	<2	62	<5	<3	298
L87E 98+25N	<0.1	4.51	40	<5	153	<3	0.49	<0.1	21	85	26	5.72	<0.01	1.35	634	8	0.03	61	0.12	<2	<2	<2	75	<5	<3	422
L87E 98+50N	<0.1	1.49	<3	<5	63	<3	0.16	<0.1	12	18	<1	2.67	<0.01	0.30	394	4	0.05	14	0.15	2	<2	<2	20	<5	<3	77
L87E 98+75N	<0.1	3.68	63	<5	146	3	0.68	<0.1	19	78	35	5.01	<0.01	1.22	769	6	0.04	61	0.07	<2	<2	<2	100	<5	<3	226
L87E 99+00N	<0.1	4.18	16	<5	141	<3	0.61	<0.1	20	93	28	5.63	<0.01	1.26	671	7	0.03	81	0.09	<2	<2	<2	75	<5	<3	271
L87E 99+25N	<0.1	5.23	140	<5	78	<3	0.93	<0.1	33	64	36	7.76	<0.01	2.19	1054	4	0.02	49	0.09	<2	<2	<2	76	<5	<3	579
L87E 99+50N	<0.1	2.95	<3	<5	115	<3	0.46	<0.1	21	62	12	4.46	<0.01	1.04	1041	5	0.03	49	0.09	10	<2	<2	35	<5	<3	398

Minimum Detection 0.1 0.01 3 5 1 3 0.01 0.1 1 1 1 0.01 0.01 0.01 1 1 0.01 1 0.01 2 2 2 1 5 3 1  
 Maximum Detection 50.0 10.00 2000 10000 1000 1000 10.00 1000.0 20000 1000 20000 10.00 10.00 10.00 20000 1000 10.00 20000 10.00 20000 2000 1000 10000 100 1000 20000  
 < - Less Than Minimum > - Greater Than Maximum is - Insufficient Sample ns - No Sample \*Au Analysis Done By Fire Assay Concentration / AAS Finish.

ICAP GEOCHEMICAL ANALYSIS

A .5 gram sample is digested with 5 ml of 3:1:2 HCL to HNO<sub>3</sub> to H<sub>2</sub>O at 95 °C for 90 minutes and is diluted to 10 ml with water.  
 This leach is partial for Al, Ba, Ca, Cr, Fe, K, Mg, Mn, Na, P, Sn, Sr and W.

ANALYST: *[Signature]*

REPORT #: 930098 PA      BETHLEHEM RESOURCES CORP.      PROJECT: POISON MTN      DATE IN: SEPT 30 1993      DATE OUT: OCT 7 1993      ATTENTION: MR. PAT MCANDLESS & MR. GEORGE CAVEY      PAGE 2 OF 2

Sample Name	Ag	Al	As	*Au	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sn	Sr	U	W	Zn	
	ppm	%	ppm	ppb	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
L87E 99+75N	<0.1	2.80	<3	<5	125	<3	0.44	<0.1	19	54	11	3.92	<0.01	0.82	490	10	0.01	41	0.07	8	<2	<2	35	<5	<3	291	
L87E 100+00N	0.7	3.98	547	<5	153	<3	0.27	<0.1	28	75	18	5.72	<0.01	0.82	1326	11	0.03	57	0.14	51	<2	<2	26	<5	<3	446	
L87E 100+25N	0.1	3.30	<3	<5	147	<3	0.45	<0.1	19	62	11	4.31	<0.01	0.95	549	8	0.02	49	0.08	<2	<2	<2	36	<5	<3	367	
L87E 100+50N	0.2	3.95	36	<5	164	<3	0.92	<0.1	33	174	61	6.84	<0.01	2.07	1372	4	0.01	165	0.06	2	<2	<2	95	<5	<3	431	
L87E 100+75N	0.2	3.49	<3	<5	119	<3	0.35	<0.1	33	59	18	4.27	<0.01	0.96	738	9	0.03	43	0.10	<2	<2	<2	97	<5	<3	681	
L87E 101+00N	0.4	3.15	55	<5	168	<3	0.38	<0.1	30	49	16	4.33	<0.01	0.62	1849	12	0.03	36	0.09	<2	<2	<2	39	<5	<3	614	
L87E 101+25N	0.7	4.77	<3	<5	158	<3	0.44	<0.1	26	70	36	5.84	<0.01	1.51	1281	9	0.01	57	0.10	<2	<2	<2	63	<5	<3	596	
L87E 101+50N	0.1	3.13	<3	<5	151	<3	0.37	<0.1	28	72	10	4.15	<0.01	0.67	2102	15	0.02	48	0.15	<2	<2	<2	27	<5	<3	287	
L87E 101+75N	<0.1	3.02	<3	<5	129	<3	0.29	<0.1	21	80	8	4.52	<0.01	0.74	779	8	0.03	48	0.13	<2	<2	<2	20	<5	<3	170	
L87E 102+00N	<0.1	2.67	<3	<5	139	<3	0.51	<0.1	21	83	15	3.86	<0.01	0.96	841	7	0.02	84	0.08	<2	<2	<2	48	<5	<3	171	
L87E 102+25N	<0.1	3.48	<3	<5	187	<3	0.44	<0.1	23	101	20	5.02	<0.01	1.23	511	7	0.01	108	0.10	<2	<2	<2	38	<5	<3	137	
L87E 102+50N	<0.1	4.72	<3	<5	169	<3	0.31	<0.1	25	116	17	6.12	<0.01	1.33	655	9	0.02	94	0.14	<2	<2	<2	24	<5	<3	221	
L87E 102+75N	<0.1	3.20	<3	<5	147	<3	0.57	<0.1	21	110	17	5.28	<0.01	1.38	478	5	<0.01	93	0.05	<2	<2	<2	56	<5	<3	139	
L87E 103+00N	<0.1	4.06	<3	<5	183	<3	2.40	<0.1	23	160	35	5.11	<0.01	1.42	1212	6	0.02	202	0.08	<2	<2	<2	87	<5	<3	219	
Minimum Detection	0.1	0.01	3	5	1	3	0.01	0.1	1	1	1	0.01	0.01	0.01	1	1	0.01	1	0.01	2	2	2	1	5	3	1	
Maximum Detection	50.0	10.00	2000	10000	1000	1000	10.00	1000.0	20000	1000	20000	10.00	10.00	10.00	20000	1000	10.00	20000	10.00	20000	2000	1000	10000	100	1000	20000	
< - Less Than Minimum	> - Greater Than Maximum    is - Insufficient Sample    ns - No Sample    *Au Analysis Done By Fire Assay Concentration / AAS Finish.																										

**=====**  
**GEOCHEMICAL ANALYTICAL REPORT**  
**=====**

CLIENT: BETHLEHEM RESOURCES CORP.  
ADDRESS: 700 - 815 W. Hastings St.  
: Vancouver, BC  
: V6C 1B4

DATE: OCT 06 1993

REPORT#: 930101 GA  
JOB#: 930101

PROJECT#: POISON MTN  
SAMPLES ARRIVED: OCT 04 1993  
REPORT COMPLETED: OCT 06 1993  
ANALYSED FOR: Au (FA/AAS) ICP

INVOICE#: 930101 NA  
TOTAL SAMPLES: 62  
SAMPLE TYPE: 62 SOIL  
REJECTS: DISCARDED

SAMPLES FROM: MR. WES RAVEN  
COPY SENT TO: OREQUEST CONSULTANTS LTD.

PREPARED FOR: MR. PAT MCANDLESS & MR. GEORGE CAVEY

ANALYSED BY: Raymond Chan

SIGNED: 

GENERAL REMARK: RESULTS FAXED TO MR. PAT MCANDLESS - BETHLEHEM @  
687-0560 & TO MR. GEORGE CAVEY - OREQUEST @ 688-9727.

REPORT NUMBER: 930101 GA

JOB NUMBER: 930101

BETHELEN RESOURCES CORP.

PAGE 1 OF 2

SAMPLE #	Au
	ppb
L89E 94+00N	10
L89E 94+25N	20
L89E 94+50N	80
L89E 94+75N	20
L89E 95+00N	10
L89E 95+25N	350
L89E 95+50N	180
L89E 95+75N	240
L89E 96+00N	nd
L89E 96+25N	30
L89E 96+50N	90
L89E 96+75N	10
L89E 97+00N	10
L89E 97+25N	130
L89E 97+50N	nd
L89E 97+75N	nd
L89E 98+00N	nd
L89E 98+25N	30
L89E 98+50N	10
L89E 98+75N	10
L89E 99+00N	20
L89E 99+25N	nd
L89E 99+50N	nd
L89E 99+75N	20
L89E 100+00N	nd
L89E 100+25N	nd
L89E 100+50N	nd
L89E 100+75N	nd
L89E 101+00N	nd
L89E 101+25N	110
L89E 101+50N	nd
L89E 101+75N	nd
L89E 102+00N	10
L89E 102+25N	80
L89E 102+50N	10
L89E 102+75N	nd
L89E 103+00N	10
L91E 97+00N	10
L91E 97+25N	70

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample

REPORT NUMBER: 930101 GA

JOB NUMBER: 930101

BETHELEM RESOURCES CORP.

PAGE 2 OF 2

SAMPLE #	Au ppb
L91E 97+50N	10
L91E 97+75N	10
L91E 98+00N	80
L91E 98+25N	30
L91E 98+50N	20
L91E 98+75N	10
L91E 99+00N	nd
L91E 99+25N	nd
L91E 99+50N	10
L91E 99+75N	190
L91E 100+00N	nd
L91E 100+25N	nd
L91E 100+50N	nd
L91E 100+75N	90
L91E 101+00N	10
L91E 101+25N	10
L91E 101+50N	10
L91E 101+75N	nd
L91E 102+00N	40
L91E 102+25N	10
L91E 102+50N	20
L91E 102+75N	10
L91E 103+00N	20

DETECTION LIMIT  
nd = none detected

-- = not analysed

5

ls = insufficient sample

ICAP GEOCHEMICAL ANALYSIS

A .5 gram sample is digested with 5 ml of 3:1:2 HCL to HNO<sub>3</sub> to H<sub>2</sub>O at 95 °C for 90 minutes and is diluted to 10 ml with water.  
 This leach is partial for Al, Ba, Ca, Cr, Fe, K, Mg, Mn, Na, P, Sn, Sr and W.

ANALYST: *[Signature]*

REPORT #: 930101 PA      BETHLEHEM RESOURCES CORP.      PROJECT: PDISON MTN      DATE IN: OCT 04 1993      DATE OUT: OCT 7 1993      ATTENTION: MR.PAT MCANDLESS & MR.GEORGE CAVEY      PAGE 1 OF 2

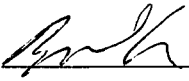
Sample Name	Ag	Al	As	*Au	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sn	Sr	U	W	Zn
	ppm	%	ppm	ppb	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
L89E 94+00N	<0.1	3.19	<3	10	184	<3	2.09	0.2	37	100	82	5.38	<0.01	2.61	1353	<1	<0.01	189	0.06	<2	<2	<2	119	<5	<3	266
L89E 94+25N	<0.1	2.35	<3	20	245	<3	0.80	<0.1	22	57	29	3.71	<0.01	0.96	1409	1	0.03	63	0.12	<2	<2	<2	62	<5	<3	395
L89E 94+50N	<0.1	3.21	<3	80	227	<3	0.55	<0.1	27	82	37	4.49	<0.01	1.10	1461	3	0.03	97	0.10	<2	<2	<2	52	<5	<3	589
L89E 94+75N	<0.1	3.00	<3	20	195	<3	0.86	<0.1	31	130	40	4.72	<0.01	1.18	1247	3	0.04	151	0.11	<2	<2	<2	63	<5	<3	567
L89E 95+00N	<0.1	3.35	28	10	199	<3	0.88	<0.1	27	84	65	4.47	<0.01	1.23	851	2	0.03	108	0.07	<2	<2	<2	81	<5	<3	368
L89E 95+25N	<0.1	2.48	113	350	150	<3	0.90	<0.1	29	102	42	4.46	<0.01	1.23	987	<1	0.03	109	0.09	9	<2	<2	78	<5	<3	242
L89E 95+50N	<0.1	3.85	198	180	113	<3	0.63	<0.1	26	86	65	5.60	<0.01	1.30	671	4	0.03	88	0.08	14	470	<2	86	<5	<3	623
L89E 95+75N	<0.1	2.46	30	240	121	<3	0.54	<0.1	19	66	41	4.28	<0.01	0.83	718	1	0.03	62	0.15	5	5	<2	51	<5	<3	475
L89E 96+00N	<0.1	2.63	<3	<5	157	<3	0.59	<0.1	30	116	37	4.76	<0.01	1.15	650	1	0.04	117	0.04	<2	<2	<2	74	<5	<3	150
L89E 96+25N	<0.1	3.54	111	30	171	<3	0.49	<0.1	33	132	64	6.17	<0.01	1.26	713	3	0.03	154	0.10	<2	2	<2	62	<5	<3	446
L89E 96+50N	1.2	4.73	1038	90	166	<3	0.65	<0.1	26	44	299	8.31	<0.01	1.46	442	8	0.06	37	0.08	23	172	<2	258	<5	<3	286
L89E 96+75N	<0.1	3.26	138	10	141	<3	0.52	<0.1	26	78	67	5.51	<0.01	1.19	494	5	0.03	88	0.05	<2	<2	<2	140	<5	<3	259
L89E 97+00N	<0.1	1.93	<3	10	93	<3	0.35	<0.1	21	114	9	3.54	<0.01	0.62	576	4	0.05	84	0.08	20	<2	<2	38	<5	<3	287
L89E 97+25N	<0.1	3.04	<3	130	124	<3	0.41	<0.1	22	86	30	4.23	<0.01	0.94	474	4	0.03	94	0.09	33	<2	<2	59	<5	<3	376
L89E 97+50N	<0.1	2.06	<3	<5	143	<3	0.39	<0.1	23	68	21	3.37	<0.01	0.34	773	5	0.05	72	0.20	6	<2	<2	46	<5	<3	139
L89E 97+75N	<0.1	5.45	<3	<5	261	<3	0.51	<0.1	19	66	196	5.21	<0.01	1.95	184	2	0.04	45	0.06	<2	<2	<2	149	<5	<3	129
L89E 98+00N	<0.1	2.29	<3	<5	111	<3	0.27	<0.1	18	61	17	3.62	<0.01	0.58	347	5	0.04	51	0.10	<2	<2	<2	36	<5	<3	195
L89E 98+25N	<0.1	2.73	4	30	110	<3	0.38	<0.1	22	103	87	5.00	<0.01	0.98	255	6	0.04	117	0.09	<2	<2	<2	58	<5	<3	170
L89E 98+50N	<0.1	2.74	<3	10	100	<3	0.45	<0.1	16	78	68	4.14	<0.01	0.68	213	6	0.05	93	0.08	<2	<2	<2	50	<5	<3	219
L89E 98+75N	0.1	4.21	36	10	116	<3	0.38	<0.1	37	105	156	5.42	<0.01	0.82	332	9	0.05	126	0.14	<2	<2	<2	82	<5	<3	288
L89E 99+00N	<0.1	3.35	45	20	129	<3	0.59	<0.1	35	166	93	6.36	<0.01	1.71	573	1	0.03	236	0.10	<2	<2	<2	102	<5	<3	228
L89E 99+25N	<0.1	2.69	<3	<5	104	<3	0.51	<0.1	18	31	55	4.38	<0.01	1.12	285	5	0.08	25	0.05	<2	<2	<2	76	<5	<3	93
L89E 99+50N	<0.1	5.00	<3	<5	96	<3	0.37	<0.1	35	63	636	6.40	<0.01	1.86	387	5	0.04	78	0.05	<2	<2	<2	68	<5	<3	147
L89E 99+75N	<0.1	3.21	79	20	101	<3	0.50	<0.1	27	68	82	4.57	<0.01	1.15	371	2	0.03	71	0.04	<2	<2	<2	76	<5	<3	162
L89E 100+00N	<0.1	2.27	<3	<5	106	<3	0.44	<0.1	23	72	15	3.54	<0.01	0.87	591	2	0.03	64	0.07	<2	<2	<2	43	<5	<3	332
L89E 100+25N	<0.1	2.75	<3	<5	110	<3	0.41	<0.1	23	96	19	4.11	<0.01	1.01	628	3	0.02	100	0.08	<2	<2	<2	50	<5	<3	261
L89E 100+50N	<0.1	3.22	10	<5	133	<3	0.40	<0.1	22	56	34	4.12	<0.01	1.04	590	3	0.02	54	0.10	<2	<2	<2	65	<5	<3	295
L89E 100+75N	<0.1	1.59	<3	<5	67	<3	0.23	<0.1	14	19	1	2.26	0.07	0.33	1541	4	0.04	15	0.11	2	<2	<2	23	<5	<3	125
L89E 101+00N	<0.1	1.39	<3	<5	37	<3	0.16	<0.1	12	15	7	1.98	0.30	0.30	354	3	0.06	13	0.08	<2	<2	<2	18	<5	<3	96
L89E 101+25N	<0.1	2.89	59	110	91	<3	0.50	<0.1	26	31	46	3.86	<0.01	0.60	1797	6	0.04	37	0.10	<2	<2	<2	66	<5	<3	269
L89E 101+50N	<0.1	3.34	<3	<5	79	<3	0.56	<0.1	30	38	39	3.81	<0.01	1.04	1078	4	0.05	33	0.08	<2	<2	<2	66	<5	<3	148
L89E 101+75N	<0.1	4.40	<3	<5	84	<3	0.34	<0.1	35	56	34	4.93	<0.01	1.36	665	7	0.02	50	0.10	<2	<2	<2	40	<5	<3	194
L89E 102+00N	<0.1	6.73	<3	10	127	<3	0.28	<0.1	46	44	70	5.87	<0.01	1.61	685	10	0.02	53	0.11	<2	<2	<2	25	<5	<3	306
L89E 102+25N	<0.1	4.06	<3	80	103	<3	0.41	<0.1	31	52	72	5.38	<0.01	1.20	704	5	0.03	56	0.09	<2	<2	<2	39	<5	<3	277
L89E 102+50N	<0.1	2.77	<3	10	158	<3	0.44	<0.1	23	71	16	3.90	<0.01	1.02	1220	3	0.02	82	0.10	<2	<2	<2	41	<5	<3	163
L89E 102+75N	<0.1	3.88	<3	<5	118	<3	0.43	<0.1	20	59	18	4.14	<0.01	1.02	757	5	0.02	71	0.13	<2	<2	<2	36	<5	<3	185
L89E 103+00N	<0.1	2.49	<3	10	100	<3	0.32	<0.1	20	67	16	3.41	<0.01	0.88	989	2	0.02	79	0.07	<2	<2	<2	33	<5	<3	210
L91E 97+00N	<0.1	3.48	<3	10	178	<3	1.08	<0.1	25	60	72	4.33	<0.01	1.26	1560	1	0.03	71	0.20	<2	<2	<2	90	<5	<3	254
L91E 97+25N	0.7	4.32	50	70	144	<3	1.74	<0.1	26	88	458	4.90	<0.01	1.12	2017	6	0.03	186	0.10	<2	<2	<2	95	<5	<3	528

Minimum Detection      0.1   0.01   3   5   1   3   0.01   0.1   1   1   1   0.01   0.01   0.01   1   1   0.01   1   0.01   2   2   2   1   5   3   1  
 Maximum Detection      50.0   10.00   2000   10000   1000   1000   10.00   1000.0   20000   1000   20000   10.00   10.00   10.00   20000   1000   10.00   20000   10.00   20000   2000   1000   10000   100   1000   20000  
 < - Less Than Minimum      ) - Greater Than Maximum      is - Insufficient Sample      ns - No Sample      \*Au Analysis Done By Fire Assay Concentration / AAS Finish.



ICAP GEOCHEMICAL ANALYSIS

A .5 gram sample is digested with 5 ml of 3:1:2 HCL to HNO<sub>3</sub> to H<sub>2</sub>O at 95 °C for 90 minutes and is diluted to 10 ml with water.  
 This leach is partial for Al, Ba, Ca, Cr, Fe, K, Mg, Mn, Na, P, Sn, Sr and W.

ANALYST: 

REPORT #: 930101 PA BETHLEHEM RESOURCES CORP. PROJECT: POISON MTN DATE IN: OCT 04 1993 DATE OUT: OCT 7 1993 ATTENTION: MR.PAT MCANDLESS & MR.GEORGE CAVEY PAGE 2 OF 2

Sample Name	Ag ppm	Al %	As ppm	*Au ppb	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sn ppm	Sr ppm	U ppm	W ppm	Zn ppm
L91E 97+50N	<0.1	4.02	4	10	230	<3	0.79	<0.1	23	71	101	5.38	<0.01	1.28	622	6	0.03	77	0.10	<2	<2	<2	102	<5	<3	185
L91E 97+75N	<0.1	4.10	<3	10	199	<3	0.53	<0.1	14	33	218	6.53	<0.01	1.50	338	7	0.05	31	0.08	<2	<2	<2	204	<5	<3	77
L91E 98+00N	<0.1	4.50	<3	60	135	<3	0.59	<0.1	28	72	65	4.87	<0.01	1.39	428	7	0.03	78	0.07	<2	<2	<2	80	<5	<3	202
L91E 98+25N	<0.1	4.16	<3	30	140	<3	0.46	<0.1	30	78	42	4.70	<0.01	1.24	758	8	0.02	81	0.10	<2	<2	<2	48	<5	<3	327
L91E 98+50N	0.1	4.13	<3	20	157	<3	0.70	<0.1	25	71	90	4.55	<0.01	1.58	746	5	0.02	84	0.13	<2	<2	<2	68	<5	<3	161
L91E 98+75N	0.1	4.13	<3	10	156	<3	0.71	<0.1	25	71	90	4.56	<0.01	1.59	747	6	0.03	84	0.13	<2	<2	<2	68	<5	<3	159
L91E 99+00N	0.2	3.93	<3	<5	111	<3	0.51	<0.1	25	68	33	4.75	<0.01	1.05	542	9	0.02	57	0.15	<2	<2	<2	50	<5	<3	364
L91E 99+25N	0.1	3.45	<3	<5	122	<3	0.44	<0.1	24	63	41	4.37	<0.01	1.19	688	5	0.02	77	0.15	<2	<2	<2	54	<5	<3	259
L91E 99+50N	<0.1	3.26	<3	10	143	<3	0.48	<0.1	22	55	32	3.75	<0.01	0.84	1036	5	0.03	58	0.18	<2	<2	<2	49	<5	<3	236
L91E 99+75N	<0.1	2.60	<3	190	112	<3	0.76	<0.1	18	52	29	3.28	<0.01	0.75	480	6	0.03	47	0.06	<2	<2	<2	58	<5	<3	183
L91E 100+00N	0.2	2.71	<3	<5	109	<3	0.59	<0.1	17	51	17	4.09	<0.01	0.96	546	6	0.02	34	0.09	<2	<2	<2	44	<5	<3	181
L91E 100+25N	<0.1	2.26	<3	<5	112	<3	0.31	<0.1	16	58	11	3.21	<0.01	0.65	251	6	0.04	64	0.03	<2	<2	<2	32	<5	<3	123
L91E 100+50N	<0.1	3.67	<3	<5	168	<3	0.83	<0.1	23	142	34	4.69	<0.01	1.56	463	3	0.03	187	0.05	<2	<2	<2	61	<5	<3	256
L91E 100+75N	<0.1	3.87	<3	90	137	<3	0.29	<0.1	21	86	29	4.67	<0.01	1.10	380	7	0.03	97	0.18	<2	<2	<2	28	<5	<3	234
L91E 101+00N	<0.1	3.73	<3	10	102	<3	0.24	<0.1	21	65	14	4.07	<0.01	0.57	423	11	0.03	65	0.20	<2	<2	<2	20	<5	<3	271
L91E 101+25N	<0.1	1.94	<3	10	106	<3	0.41	<0.1	18	100	19	2.98	<0.01	0.96	578	4	0.01	96	0.03	<2	<2	<2	33	<5	<3	114
L91E 101+50N	<0.1	1.82	<3	10	98	<3	0.37	<0.1	17	81	14	2.79	<0.01	0.87	637	4	0.01	95	0.03	<2	<2	<2	28	<5	<3	125
L91E 101+75N	<0.1	2.20	<3	<5	115	<3	0.36	<0.1	18	65	23	3.91	<0.01	0.83	366	5	0.03	68	0.04	<2	<2	<2	41	<5	<3	94
L91E 102+00N	<0.1	3.75	<3	40	120	<3	0.31	<0.1	25	64	38	4.49	<0.01	1.13	597	7	0.02	84	0.20	<2	<2	<2	28	<5	<3	253
L91E 102+25N	<0.1	2.71	<3	10	115	<3	0.31	<0.1	21	70	20	4.19	<0.01	0.86	360	7	0.03	72	0.10	<2	<2	<2	33	<5	<3	198
L91E 102+50N	<0.1	3.92	65	20	127	<3	0.46	<0.1	25	57	59	5.28	<0.01	1.38	520	7	0.01	52	0.11	<2	<2	<2	43	<5	<3	208
L91E 102+75N	<0.1	1.31	<3	10	70	<3	0.18	<0.1	11	48	5	2.51	0.12	0.31	317	4	0.05	19	0.05	<2	<2	<2	20	<5	<3	73
L91E 103+00N	0.1	2.20	<3	20	102	<3	0.29	<0.1	19	57	8	3.30	<0.01	0.68	369	5	0.02	50	0.12	<2	<2	<2	25	<5	<3	178

Minimum Detection 0.1 0.01 3 5 1 3 0.01 0.1 1 1 1 1 0.01 0.01 0.01 1 1 0.01 1 0.01 2 2 2 1 5 3 1  
 Maximum Detection 50.0 10.00 2000 10000 1000 1000 10.00 1000.0 20000 1000 20000 10.00 10.00 10.00 20000 1000 10.00 20000 10.00 20000 2000 1000 10000 100 1000 20000  
 < - Less Than Minimum ) - Greater Than Maximum is - Insufficient Sample ns - No Sample \*Au Analysis Done By Fire Assay Concentration / AAS Finish.

**GEOCHEMICAL ANALYTICAL REPORT**  
=====

CLIENT: BETHLEHEM RESOURCES CORP.  
ADDRESS: 700 - 815 W. Hastings St.  
: Vancouver, BC  
: V6C 1B4

DATE: OCT 14 1993

REPORT#: 930104 GA  
JOB#: 930104

PROJECT#: POISON MTN  
SAMPLES ARRIVED: OCT 12 1993  
REPORT COMPLETED: OCT 14 1993  
ANALYSED FOR: Au (FA/AAS) ICP

INVOICE#: 930104 NA  
TOTAL SAMPLES: 60  
SAMPLE TYPE: 60 SOIL  
REJECTS: DISCARDED

SAMPLES FROM: MR. WES RAVEN - LILLOOET BC  
COPY SENT TO: OREQUEST CONSULTANTS LTD.

PREPARED FOR: MR. PAT MCANDLESS & MR. GEORGE CAVEY

ANALYSED BY: Raymond Chan

SIGNED: 

GENERAL REMARK: RESULTS FAXED TO MR. PAT MCANDLESS - BETHLEHEM @  
687-0560 & TO MR. GEORGE CAVEY - OREQUEST @ 688-9727.

REPORT NUMBER: 930104 GA

JOB NUMBER: 930104

BETHEHEM RESOURCES CORP.

PAGE 1 OF 2

SAMPLE #	Au
	ppb
L98E 104+00N	20
L98E 104+25N	50
L98E 104+50N	40
L98E 104+75N	60
L98E 105+00N	40
L98E 105+25N	20
L98E 105+50N	70
L98E 105+75N	70
L98E 106+00N	70
L98E 106+25N	nd
L98E 106+50N	10
L98E 106+75N	20
L98E 107+00N	20
L98E 107+25N	10
L98E 107+50N	20
L98E 107+75N	20
L98E 108+00N	10
L98E 108+25N	20
L98E 108+50N	nd
L98E 108+75N	nd
L100E 104+00N	30
L100E 104+25N	50
L100E 104+50N	nd
L100E 104+75N	190
L100E 105+00N	nd
L100E 105+25N	20
L100E 105+50N	50
L100E 105+75N	50
L100E 106+00N	70
L100E 106+25N	20
L100E 106+50N	130
L100E 106+75N	110
L100E 107+00N	nd
L100E 107+25N	20
L100E 107+50N	20
L100E 107+75N	nd
L100E 108+00N	20
L100E 108+25N	nd
L100E 108+50N	nd

DETECTION LIMIT 5

nd = none detected

-- = not analysed

is = insufficient sample

REPORT NUMBER: 030104 GA

JOB NUMBER: 030104

BETHLEHEM RESOURCES CORP.

PAGE 2 OF 2

SAMPLE #	Au
	ppb
L100E 108+75N	20
L102E 104+00N	20
L102E 104+25N	10
L102E 104+50N	20
L102E 104+75N	nd
L102E 105+00N	nd
L102E 105+25N	50
L102E 105+50N	120
L102E 105+75N	30
L102E 106+00N	30
L102E 106+25N	60
L102E 106+50N	30
L102E 106+75N	40
L102E 107+00N	40
L102E 107+25N	40
L102E 107+50N	70
L102E 107+75N	20
L102E 108+00N	50
L102E 108+25N	50
L102E 108+50N	20
L102E 108+75N	40

DETECTION LIMIT  
 nd = none detected

-- = not analysed

5  
 is = insufficient sample

ICAP GEOCHEMICAL ANALYSIS

A .5 gram sample is digested with 5 ml of 3:1:2 HCL to HNO<sub>3</sub> to H<sub>2</sub>O at 95 °C for 90 minutes and is diluted to 10 ml with water.  
 This leach is partial for Al, Ba, Ca, Cr, Fe, K, Mg, Mn, Na, P, Sn, Sr and W.

ANALYST: *[Signature]*

REPORT #: 930104 PA BETHLEHEM RESOURCES CORP. PROJECT: POISON MTN DATE IN: OCT 12 1993 DATE OUT: OCT 15 1993 ATTENTION: MR.PAT MCANDLESS & MR.GEORGE CAVEY PAGE 1 OF 2

Sample Name	Ag	Al	As	*Au	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sn	Sr	U	W	Zn
	ppm	%	ppm	ppb	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
L98E 104+00N	0.1	3.92	<3	20	265	<3	0.61	<0.1	27	66	2296	5.66	0.64	2.39	194	12	0.07	14	0.07	<2	<2	<2	118	<5	<3	50
L98E 104+25N	0.4	5.10	<3	50	305	<3	0.17	<0.1	27	68	2333	6.02	<0.01	2.30	160	83	0.03	16	0.08	<2	<2	<2	54	<5	<3	46
L98E 104+50N	0.3	5.88	<3	40	263	<3	0.30	<0.1	32	86	2150	6.33	<0.01	2.32	178	64	0.04	38	0.10	<2	<2	<2	50	<5	<3	52
L98E 104+75N	0.1	5.77	<3	60	294	<3	0.32	<0.1	32	87	3630	6.88	<0.01	2.89	174	77	<0.01	18	0.08	<2	<2	<2	47	<5	<3	64
L98E 105+00N	0.6	5.38	<3	40	244	<3	0.20	<0.1	39	85	2573	6.54	<0.01	2.42	186	62	0.03	27	0.09	<2	<2	<2	40	<5	<3	70
L98E 105+25N	0.2	4.54	<3	20	308	<3	0.23	<0.1	29	83	1393	5.64	<0.01	2.51	205	32	0.02	19	0.07	<2	<2	<2	41	<5	<3	53
L98E 105+50N	0.3	4.29	<3	70	183	<3	0.27	<0.1	36	54	2355	4.86	<0.01	1.97	197	26	0.05	23	0.07	<2	<2	<2	37	<5	<3	59
L98E 105+75N	0.1	4.35	<3	70	205	<3	0.40	<0.1	35	71	4330	6.32	<0.01	2.47	260	72	0.02	22	0.10	<2	<2	<2	57	<5	<3	65
L98E 106+00N	<0.1	5.50	<3	70	297	<3	0.22	<0.1	35	75	2915	6.29	<0.01	2.46	183	48	<0.01	23	0.07	<2	<2	<2	67	<5	<3	63
L98E 106+25N	0.2	5.84	<3	<5	282	<3	0.19	<0.1	38	71	2564	6.27	<0.01	2.04	193	44	0.02	34	0.11	<2	<2	<2	49	<5	<3	78
L98E 106+50N	0.2	5.61	<3	10	277	<3	0.17	<0.1	37	78	1795	6.13	<0.01	1.73	861	41	0.02	38	0.13	<2	<2	<2	37	<5	<3	90
L98E 106+75N	0.2	5.03	<3	20	167	6	0.24	<0.1	29	52	332	4.68	<0.01	1.12	538	15	0.02	38	0.15	<2	<2	<2	39	<5	<3	171
L98E 107+00N	0.1	5.05	<3	20	173	<3	0.13	<0.1	32	55	513	5.08	<0.01	1.12	565	24	0.03	38	0.15	<2	<2	<2	29	<5	<3	167
L98E 107+25N	0.2	5.23	<3	10	217	<3	0.18	<0.1	31	56	460	5.24	<0.01	1.32	832	19	0.03	42	0.16	<2	<2	<2	44	<5	<3	165
L98E 107+50N	0.1	5.54	<3	20	201	<3	0.13	<0.1	27	70	384	5.25	<0.01	1.28	437	21	0.01	35	0.22	<2	<2	<2	42	<5	<3	202
L98E 107+75N	<0.1	6.36	<3	20	228	<3	0.37	<0.1	29	58	140	5.46	<0.01	1.32	477	14	0.03	44	0.19	<2	<2	<2	85	<5	<3	123
L98E 108+00N	<0.1	6.48	<3	10	231	<3	0.24	<0.1	29	66	253	5.45	<0.01	1.30	318	15	0.03	47	0.29	<2	<2	<2	63	<5	<3	287
L98E 108+25N	0.2	4.19	<3	20	172	7	0.19	<0.1	22	50	87	5.09	<0.01	0.78	389	16	0.04	27	0.18	4	<2	<2	41	<5	<3	175
L98E 108+50N	0.4	5.27	<3	<5	238	10	1.51	<0.1	24	57	671	4.97	<0.01	1.12	770	25	0.05	35	0.11	<2	<2	<2	153	<5	<3	105
L98E 108+75N	0.1	3.08	<3	<5	128	3	1.11	<0.1	20	37	421	3.61	<0.01	0.91	369	18	0.05	27	0.08	<2	<2	<2	158	<5	<3	82
L100E 104+00N	0.4	7.30	<3	30	315	<3	0.57	<0.1	139	61	1336	8.25	<0.01	1.58	834	24	0.06	59	0.13	<2	<2	<2	152	<5	<3	103
L100E 104+25N	0.2	3.77	<3	50	168	7	0.74	<0.1	36	45	490	6.61	<0.01	1.63	361	8	0.12	25	0.08	<2	<2	<2	124	<5	<3	67
L100E 104+50N	0.1	4.70	<3	<5	310	<3	0.39	<0.1	22	43	3842	5.69	<0.01	1.73	198	20	0.10	17	0.12	<2	<2	<2	164	<5	<3	48
L100E 104+75N	0.1	5.12	<3	190	210	<3	0.33	<0.1	33	57	866	5.57	<0.01	1.62	227	16	0.05	39	0.09	<2	<2	<2	73	<5	<3	57
L100E 105+00N	0.3	5.59	<3	<5	313	<3	0.37	<0.1	25	45	1211	5.96	<0.01	1.92	193	24	0.11	21	0.10	<2	<2	<2	186	<5	<3	45
L100E 105+25N	0.2	3.75	<3	20	201	<3	0.31	<0.1	28	39	660	4.68	<0.01	1.36	300	13	0.06	24	0.05	<2	<2	<2	81	<5	<3	57
L100E 105+50N	0.1	5.85	<3	50	438	<3	0.42	<0.1	24	58	1290	6.63	0.57	3.09	229	15	0.04	7	0.07	<2	<2	<2	163	<5	<3	55
L100E 105+75N	0.2	4.54	<3	50	258	<3	0.25	<0.1	32	51	1043	5.22	<0.01	1.72	231	20	0.04	34	0.08	<2	<2	<2	84	<5	<3	75
L100E 106+00N	0.1	5.48	<3	70	340	<3	0.32	<0.1	65	61	2896	6.01	<0.01	2.44	332	26	0.03	19	0.07	<2	<2	<2	116	<5	<3	75
L100E 106+25N	0.1	1.97	<3	20	106	<3	0.20	<0.1	21	21	390	2.89	0.06	0.75	214	8	0.06	15	0.07	<2	<2	<2	33	<5	<3	43
L100E 106+50N	0.3	4.90	<3	130	278	<3	0.32	<0.1	41	52	3281	5.82	<0.01	2.74	362	9	0.01	20	0.08	<2	<2	<2	44	<5	<3	100
L100E 106+75N	0.2	2.45	<3	110	133	<3	0.53	<0.1	31	47	839	4.63	<0.01	1.94	212	2	0.02	20	0.13	<2	<2	<2	54	<5	<3	44
L100E 107+00N	<0.1	4.93	<3	<5	182	<3	0.42	<0.1	30	54	229	4.73	<0.01	1.14	413	14	0.03	37	0.15	<2	<2	<2	109	<5	<3	92
L100E 107+25N	0.2	5.56	<3	20	251	<3	0.28	<0.1	36	63	400	5.14	<0.01	1.35	424	17	0.03	45	0.14	<2	<2	<2	93	<5	<3	133
L100E 107+50N	0.1	2.88	<3	20	129	<3	0.20	<0.1	23	30	156	3.15	<0.01	0.71	713	11	0.05	18	0.10	<2	<2	<2	38	<5	<3	94
L100E 107+75N	0.2	6.09	<3	<5	173	<3	0.58	<0.1	31	56	249	5.15	<0.01	1.64	473	12	0.02	34	0.12	<2	<2	<2	202	<5	<3	82
L100E 108+00N	0.1	5.18	<3	20	225	<3	1.08	<0.1	34	59	445	5.34	<0.01	2.01	648	12	0.03	30	0.07	<2	<2	<2	259	<5	<3	78
L100E 108+25N	0.4	4.13	<3	<5	152	<3	0.37	<0.1	24	52	1423	4.44	<0.01	0.90	260	30	0.04	38	0.06	<2	<2	<2	62	<5	<3	90
L100E 108+50N	0.2	6.87	<3	<5	305	<3	0.36	<0.1	37	67	340	5.58	<0.01	1.37	365	22	0.02	54	0.17	<2	<2	<2	127	<5	<3	175

Minimum Detection 0.1 0.01 3 5 1 3 0.01 0.1 1 1 1 0.01 0.01 0.01 1 1 0.01 1 0.01 2 2 2 1 5 3 1  
 Maximum Detection 50.0 10.00 2000 10000 1000 1000 10.00 1000.0 20000 1000 20000 10.00 10.00 10.00 20000 1000 10.00 20000 10.00 20000 2000 2000 1000 10000 100 1000 20000  
 < - Less Than Minimum > - Greater Than Maximum is - Insufficient Sample ns - No Sample \*Au Analysis Done By Fire Assay Concentration / AAS Finish.

## ICAP GEOCHEMICAL ANALYSIS

A .5 gram sample is digested with 5 ml of 3:1:2 HCL to HNO<sub>3</sub> to H<sub>2</sub>O at 95 °C for 90 minutes and is diluted to 10 ml with water.  
This leach is partial for Al, Ba, Ca, Cr, Fe, K, Mg, Mn, Na, P, Sn, Sr and W.

ANALYST: 

REPORT #: 930104 PA

BETHLEHEM RESOURCES CORP.

PROJECT: POISON MTN

DATE IN: OCT 12 1993

DATE OUT: OCT 15 1993

ATTENTION: MR.PAT MCANDLESS &amp; MR.GEORGE CAVEY

PAGE 2 OF 2

Sample Name	Ag ppm	Al %	As ppm	*Au ppb	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sn ppm	Sr ppm	U ppm	W ppm	Zn ppm	
L100E 108+75N	0.2	5.47	<3	20	235	<3	0.97	<0.1	60	61	4055	5.38	<0.01	1.90	1186	17	0.08	46	0.07	<2	<2	<2	181	<5	<3	116	
L102E 104+00N	0.2	5.26	<3	20	179	<3	0.27	<0.1	35	65	249	5.38	<0.01	1.46	294	19	0.04	46	0.05	<2	<2	<2	115	<5	<3	60	
L102E 104+25N	0.3	5.52	<3	10	532	<3	0.28	<0.1	21	54	541	7.61	<0.01	1.84	155	59	0.09	19	0.15	<2	<2	<2	201	<5	<3	45	
L102E 104+50N	0.6	6.32	<3	20	295	<3	0.31	<0.1	17	54	267	6.83	<0.01	2.29	182	28	0.04	18	0.07	<2	<2	<2	134	<5	<3	36	
L102E 104+75N	0.3	4.25	<3	<5	284	<3	0.38	<0.1	21	49	238	5.78	<0.01	1.56	175	18	0.05	16	0.07	<2	<2	<2	153	<5	<3	45	
L102E 105+00N	0.1	4.86	<3	<5	457	<3	0.62	<0.1	12	83	253	7.58	0.73	3.12	183	7	0.12	3	0.07	<2	<2	<2	162	<5	<3	39	
L102E 105+25N	0.1	4.20	<3	50	257	<3	1.30	<0.1	55	49	554	6.37	<0.01	1.82	433	9	0.11	18	0.10	<2	<2	<2	178	<5	<3	66	
L102E 105+50N	0.1	4.78	<3	120	367	<3	0.46	<0.1	19	58	669	8.11	<0.01	2.31	190	15	0.08	15	0.08	<2	<2	<2	151	<5	<3	41	
L102E 105+75N	0.2	4.99	<3	30	178	<3	0.42	<0.1	35	58	216	5.26	<0.01	1.38	323	10	0.04	48	0.09	<2	<2	<2	96	<5	<3	74	
L102E 106+00N	0.1	3.58	<3	30	216	<3	0.33	<0.1	28	45	202	4.01	<0.01	1.02	291	5	0.04	36	0.10	<2	<2	<2	70	<5	<3	62	
L102E 106+25N	0.1	3.29	<3	60	151	<3	0.33	<0.1	29	49	507	4.36	<0.01	1.37	300	6	0.04	28	0.06	<2	<2	<2	55	<5	<3	52	
L102E 106+50N	0.1	4.89	<3	30	198	<3	0.65	<0.1	28	58	183	4.95	<0.01	1.24	373	10	0.03	28	0.04	<2	<2	<2	221	<5	<3	67	
L102E 106+75N	<0.1	5.93	<3	40	296	<3	0.57	<0.1	32	66	291	5.41	<0.01	1.51	342	14	0.03	41	0.07	<2	<2	<2	175	<5	<3	78	
L102E 107+00N	<0.1	5.92	<3	40	271	<3	0.35	<0.1	31	61	434	5.24	<0.01	1.55	326	16	0.02	43	0.09	<2	<2	<2	111	<5	<3	100	
L102E 107+25N	0.2	6.43	<3	40	325	<3	0.48	<0.1	32	60	204	5.26	<0.01	1.37	386	15	0.07	40	0.08	<2	<2	<2	195	<5	<3	82	
L102E 107+50N	0.1	4.86	<3	70	247	<3	0.52	<0.1	28	58	118	4.70	<0.01	1.12	361	12	0.08	37	0.07	<2	<2	<2	195	<5	<3	67	
L102E 107+75N	0.2	6.09	<3	20	276	<3	0.36	<0.1	31	63	142	5.04	<0.01	1.15	459	15	0.09	43	0.11	<2	<2	<2	139	<5	<3	89	
L102E 108+00N	0.1	7.67	<3	50	349	<3	0.45	<0.1	34	72	145	5.62	<0.01	1.29	710	18	0.08	59	0.15	<2	<2	<2	170	<5	<3	123	
L102E 108+25N	0.2	5.75	<3	50	230	<3	0.58	<0.1	28	60	311	5.11	<0.01	1.20	524	17	0.08	37	0.09	<2	<2	<2	129	<5	<3	113	
L102E 108+50N	0.1	7.26	<3	20	304	<3	0.85	<0.1	34	61	126	5.44	<0.01	1.25	416	22	0.09	45	0.16	<2	<2	<2	274	<5	<3	102	
L102E 108+75N	0.4	3.26	<3	40	127	<3	0.98	<0.1	106	49	1941	3.93	<0.01	0.91	478	11	0.10	33	0.08	<2	<2	<2	81	<5	<3	72	
Minimum Detection	0.1	0.01	3	5	1	3	0.01	0.1	1	1	1	0.01	0.01	0.01	1	1	0.01	1	0.01	2	2	2	1	5	3	1	
Maximum Detection	50.0	10.00	2000	10000	1000	1000	10.00	1000.0	20000	1000	20000	10.00	10.00	10.00	20000	1000	10.00	20000	10.00	20000	2000	1000	10000	100	1000	20000	
< - Less Than Minimum	) - Greater Than Maximum is - Insufficient Sample ns - No Sample *Au Analysis Done By Fire Assay Concentration / AAS Finish.																										

APPENDIX III

WATER SAMPLING PROCEDURES AND RESULTS



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## COLLECTION AND PRESERVATION OF ENVIRONMENTAL SAMPLES

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The result of any test procedure is fully dependent on the condition of the sample on which it is performed. The primary objective in sampling is to collect a portion of material in a small enough quantity to be conveniently transported to and handled in the laboratory, while still accurately representing the material being tested.

It is not possible to specify detailed sampling and preservation methods for the collection of all types of samples because of varied study objectives. This sampling guide presents only general considerations and suggestions. This material should be further supplemented by a proper review of relevant reference materials and by direct contact with ASL laboratory personnel.

---

### General Sampling Guidelines

ASL provides all sample containers, labels, preservation chemicals, and field filtration kits free of charge.

#### Liquid Samples

Fill the bottles leaving enough room to add the preservatives, if required, and allow for mixing.

**Note:** Where volatile parameters are to be analysed, ASL supplies special containers. Precautions must be used to avoid volatile losses (see Note 5 on table).

#### Solid Samples

Fill containers as full as possible and ensure that the appropriate lid is used:

- for organic compounds use a foil or teflon-lined lid;
- for inorganic compounds use a plastic or teflon-lined lid.

### For All Samples

1. Seal sample containers well.
2. Label all sample containers clearly with non-removable markings. ASL provides labels for all containers.
3. Keep all samples cold (4°C), but avoid freezing unless otherwise instructed.
4. Complete sample submission or chain of custody forms with all information requested.
5. Pack the samples carefully in a transport cooler or box, to avoid sample loss due to leakage or breakage, and ship the samples to the ASL laboratory as soon as possible after collection.

**Note:** Appropriate precautions must be taken when using sampling kits provided by ASL. If you need further information contact the ASL laboratory personnel at **1-800-665-0243**.





## RESULTS OF ANALYSIS

File No. D5237

		Poison. upstrm. Churn	Copper upstrm. Poison.	Fenton upstrm. Poison.	Poison. upstrm. Fenton	Churn upstrm. Poison.
		93 10 28	93 10 28	93 10 28	93 10 28	93 10 28
<b>Physical Tests</b>						
Conductivity	umhos/cm	240	336	126	113	172
Total Dissolved Solids		160	234	77	68	103
Hardness	CaCO <sub>3</sub>	100	141	54.7	49.2	90.5
pH		7.50	7.20	7.40	7.60	8.00
Total Suspended Solids		5	11	4	1	<1
Turbidity	NTU	5.60	5.20	0.30	1.05	2.20
<b>Dissolved Anions</b>						
Alkalinity - Total	CaCO <sub>3</sub>	34.1	28.8	39.2	42.5	86.6
Chloride	Cl	1.0	1.2	0.6	0.7	0.9
Sulphate	SO <sub>4</sub>	77.8	128	21.8	14.5	10.8
<b>Nutrients</b>						
Ammonia Nitrogen	N	<0.005	<0.005	<0.005	<0.005	<0.005
Nitrate Nitrogen	N	<0.005	<0.005	0.008	<0.005	0.009
Nitrite Nitrogen	N	<0.001	<0.001	<0.001	<0.001	<0.001
Total Dissolved Phosphate	P	0.005	0.004	0.002	0.003	0.003
<b>Cyanides</b>						
Total Cyanide	CN	<0.005	<0.005	<0.005	<0.005	<0.005
<b>Total Metals</b>						
Aluminum	T-Al	0.290	0.222	0.010	0.081	0.030
Antimony	T-Sb	0.0001	0.0002	0.0001	<0.0001	<0.0001
Arsenic	T-As	0.0008	0.0005	0.0017	0.0002	0.0003
Barium	T-Ba	<0.010	0.014	<0.010	<0.010	0.022
Cadmium	T-Cd	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Copper	T-Cu	0.021	0.096	0.005	<0.001	<0.001
Iron	T-Fe	0.371	0.599	<0.015	0.074	0.136
Lead	T-Pb	<0.001	<0.001	<0.001	<0.001	<0.001
Mercury	T-Hg	<0.00005	<0.00005	<0.00005	0.00028	<0.00005
Molybdenum	T-Mo	0.007	0.013	0.005	<0.001	<0.001
Nickel	T-Ni	0.001	0.003	0.003	<0.001	0.003
Selenium	T-Se	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Silver	T-Ag	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Uranium	T-U	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005
Zinc	T-Zn	<0.005	<0.005	<0.005	<0.005	<0.005

< = Less than the detection limit indicated.  
Results are expressed as milligrams per litre except for pH,  
Conductivity (umhos/cm), and Turbidity (NTU).



RESULTS OF ANALYSIS

File No. D5237

		Poison. upstrm. Churn	Copper upstrm. Poison.	Fenton upstrm. Poison.	Poison. upstrm. Fenton	Churn upstrm. Poison.
		93 10 28	93 10 28	93 10 28	93 10 28	93 10 28
<b><u>Dissolved Metals</u></b>						
Aluminum	D-Al	0.019	0.011	<0.005	0.010	0.006
Antimony	D-Sb	0.0001	0.0002	0.0001	<0.0001	<0.0001
Arsenic	D-As	0.0004	0.0001	0.0017	0.0002	0.0002
Barium	D-Ba	<0.010	0.013	<0.010	<0.010	0.020
Cadmium	D-Cd	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Calcium	D-Ca	32.7	46.8	19.1	16.1	15.7
Copper	D-Cu	0.010	0.043	0.004	<0.001	<0.001
Iron	D-Fe	0.017	0.030	<0.015	<0.015	<0.015
Lead	D-Pb	<0.001	<0.001	<0.001	<0.001	<0.001
Magnesium	D-Mg	4.45	5.90	1.71	2.20	12.5
Molybdenum	D-Mo	0.007	0.012	0.004	<0.001	<0.001
Nickel	D-Ni	<0.001	0.002	<0.001	<0.001	0.003
Potassium	D-K	2.06	3.33	0.91	0.18	0.22
Selenium	D-Se	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Silver	D-Ag	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Sodium	D-Na	6.71	10.1	2.56	2.90	1.92
Zinc	D-Zn	<0.005	<0.005	<0.005	<0.005	<0.005

< = Less than the detection limit indicated.  
 Results are expressed as milligrams per litre except for pH,  
 Conductivity (umhos/cm), and Turbidity (NTU).



## **METHODOLOGY**

File No. D5237

Samples were analyzed by methods acceptable to the appropriate regulatory agency. Outlines of the methodologies utilized are as follows:

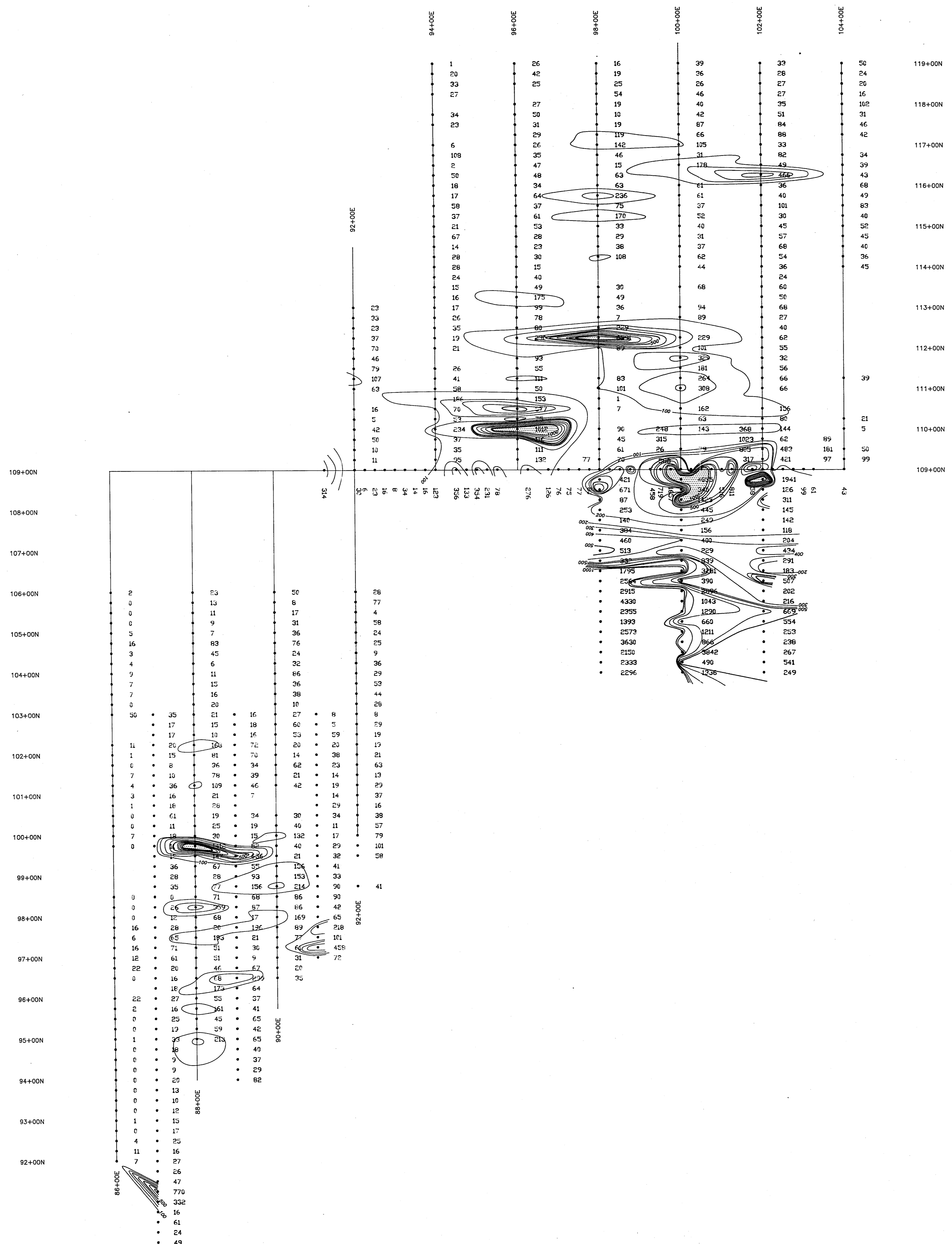
### **Conventional Parameters in Water**

These analyses are carried out in accordance with procedures described in "Standard Methods for the Examination of Water and Wastewater" 18th Ed. published by the American Public Health Association, 1992. Further details are available on request.

### **Metals in Water**

These analyses are carried out in accordance with procedures described in "Standard Methods for the Examination of Water and Wastewater" 18th Edition published by the American Public Health Association, 1992. The procedures involve a variety of instrumental analyses including atomic emission spectrophotometry (ICP) and atomic absorption spectrophotometry (AA) to obtain the required detection limit for each element. Specific details are available on request.

**End of Report**



GEOLOGICAL BRANCH  
ASSESSMENT REPORT

23,243

Cu contours: 100 ppm spacing  
 Cu >1000ppm  
 Cu (ppm)

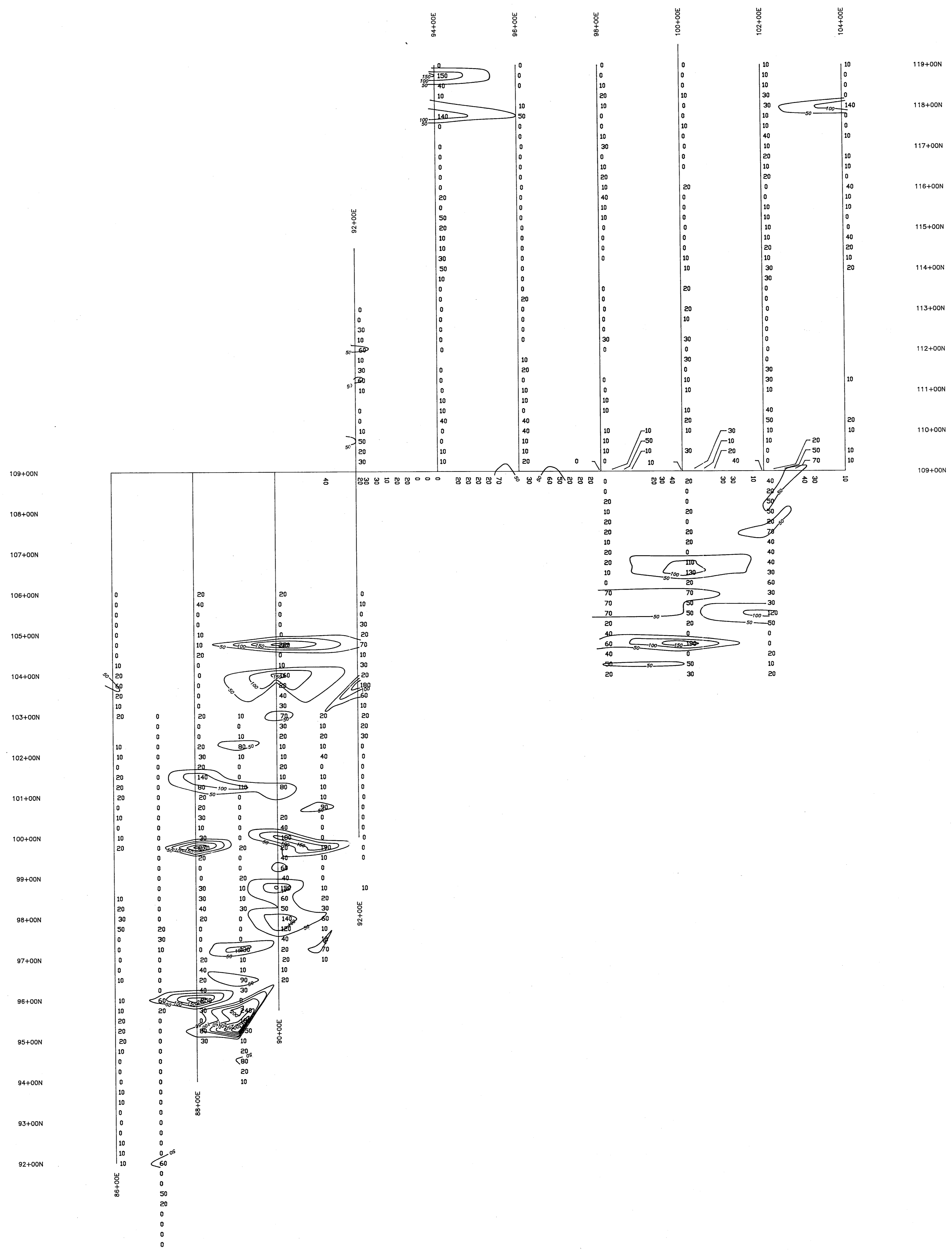


Bethlehem Resources Corporation

**POISON MOUNTAIN  
COPPER - ppm  
COPPER CONTOURS  
GEOCHEMISTRY**

0 500m

DRAWN BY: rjw	FILE: c:\POISON\MMSAMPLE.DWG	FIG. NO. 17
DATE: August 4, 1993	REVISIONS: Contours - August 12, 1993 Updated geochem & contours - December 3, 1993	



GEOLOGICAL BRANCH  
ASSESSMENT REPORT

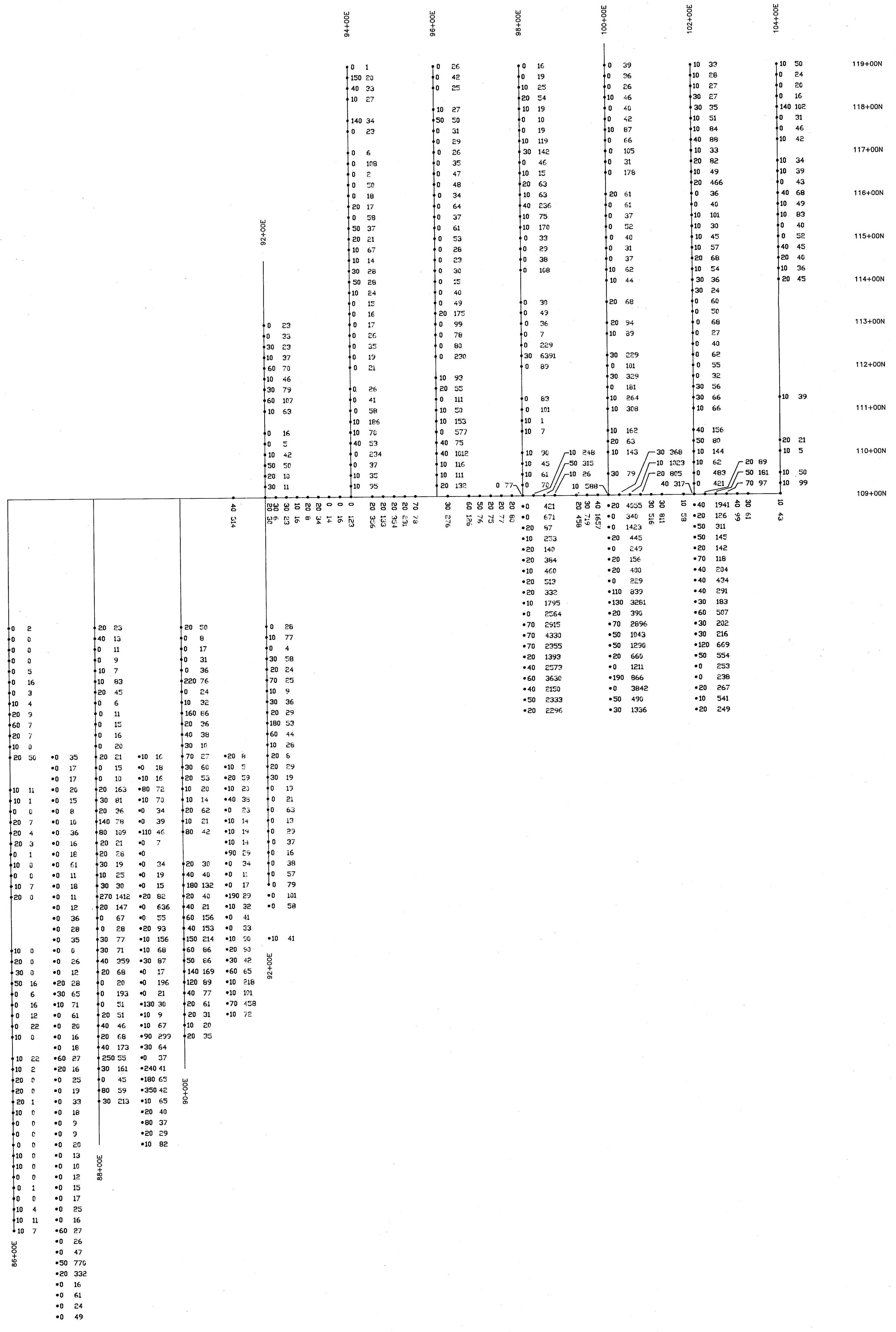
23,243

(GOLD) Contour Interval: 50 ppb

\*Au (ppb)



Bethlehem Resources Corporation	
<b>POISON MOUNTAIN GOLD - ppb GOLD CONTOURS GEOCHEMISTRY</b>	
<small>DRAWN BY: rjw</small> <small>DATE: August 4, 1993</small> <small>REVISIONS: Contours - August 12, 1993 Updated geochem &amp; contours - December 3, 1993</small>	<small>FILE: C:\POISON\PMSAMPLE.DWG</small> <small>FIG. NO. 18</small>



GEOLOGICAL BRANCH  
ASSESSMENT REPORT

23,243



\*Au (ppb) Cu (ppm)

Bethlehem Resources Corporation

POISON MOUNTAIN  
GOLD - ppb  
COPPER - ppm  
GEOCHEMISTRY

0 500m

DRAWN BY: rjw FILE: C:\POISON\FMSAMPLE.DWG FIG. NO. 19  
DATE: August 4, 1993  
REVISIONS: Contours - August 12, 1993 Updated geochem & contours - December 3, 1993