

) → P015011  
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outlined a minable resource of 280 million tons grading 0.261% copper, 0.007% molybdenum, 0.142 g/t gold and 0.514 g/t silver. This resource does not include any of the Fenton Creek mineralization. A 1982 preliminary feasibility study by Kilborne et Associates Ltée. for Lac Minerals indicated that the reserve was uneconomic at the prevailing metal prices of \$1.00/lb copper assuming a 90% recovery rate and a 25% smelter charge.

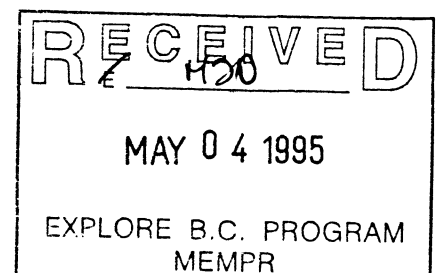
Bethlehem began exploration on the project in 1993 with work consisting of grid establishment, soil geochemistry, and diamond drilling. Most of the work was focused on the Fenton Creek Zone, a satellite body to the main Copper Creek Zone that contained elevated gold and copper values. A total of 600 soil samples were collected from a flagged line grid and 10 NQ diamond drill holes totalling 2568.91 m (8426 feet) were completed on the project.

Good copper results were returned from the drilling on the Fenton Creek Zone though gold results were lower than anticipated and often lower than those reported in older holes. Results from the 1993 drill program are summarized in Table 2.

**TABLE 2: FENTON CREEK DRILLING - RESULTS SUMMARY**

Hole No.	Interval (m)	Length (m)	Length (ft)	Cu (%)	Au (g/t)
PM-93-1	34 - 238	204	669	0.39	0.167
PM-93-2	No	Significant	Results		
PM-93-3	48 - 75	26	88.5	0.32	0.102
	120 - 251.83	131.83	432	0.44	0.203
PM-93-4	12.19 - 90	77.81	255	0.18	NC
	111 - 255	144	472	0.20	
PM-93-5	3.05 - 355.79	352.74	1157	0.28	NC
PM-93-6	B - Zone	No	Significant	Results	
PM-93-7	7.32 - 214	206.68	678	0.19	NC
PM-93-8	4.27 - 142	137.73	452	0.14	NC
PM-93-9	99 - 210	111	364	0.29	NC
PM-93-10	Copper	Creek	Zone		

NC = not calculated

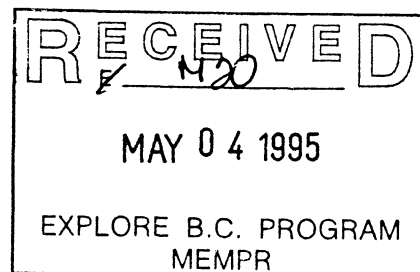


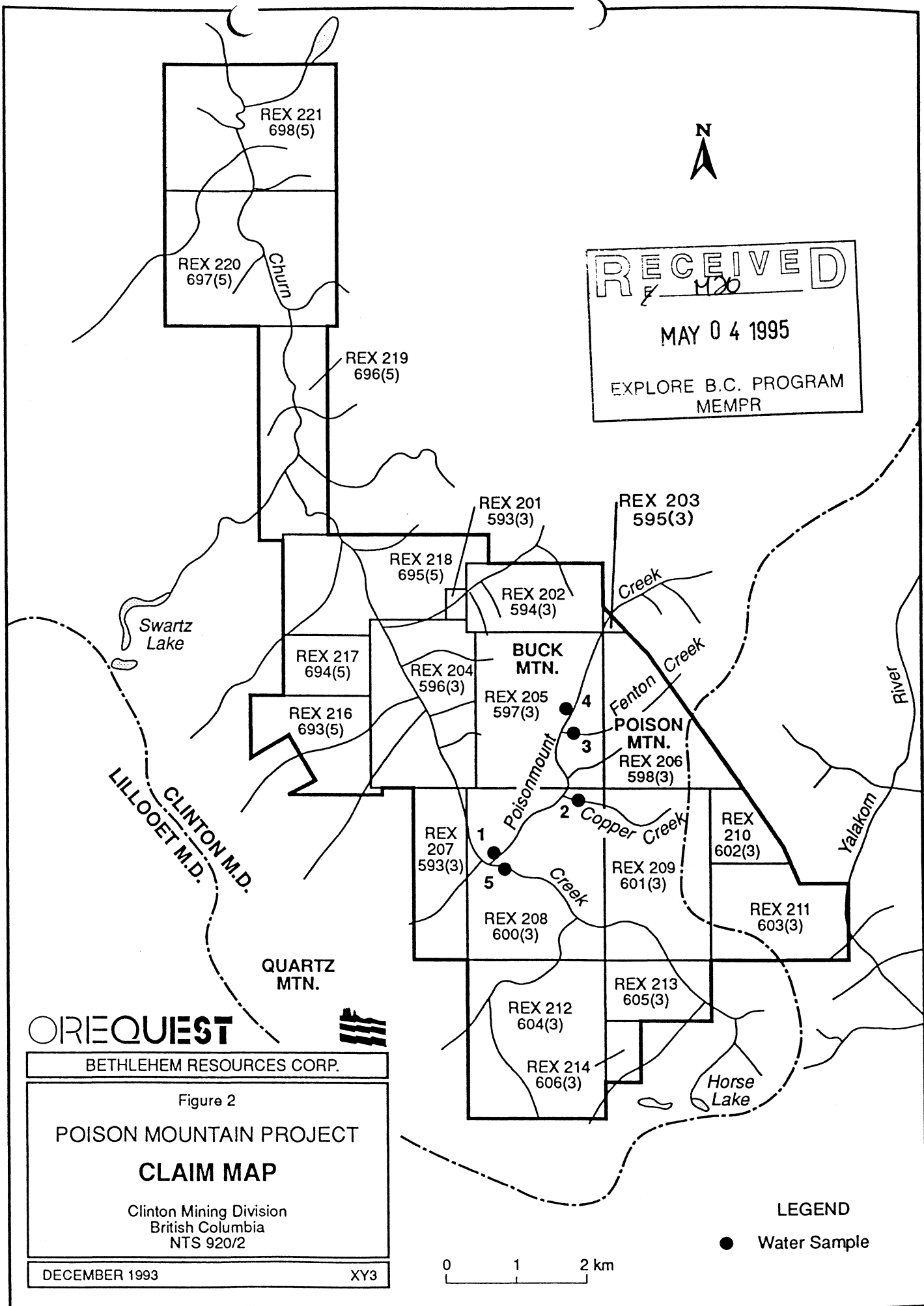
## PROPOSED WORK PROGRAM

The current high price of copper coupled with the weaker Canadian dollar make the Poison Mountain project more attractive than at the time of the feasibility study. Work on the Fenton Creek Zone may outline an area of higher grade copper mineralization that could be extracted during the initial mining stages prior to development of the larger Copper Creek Zone.

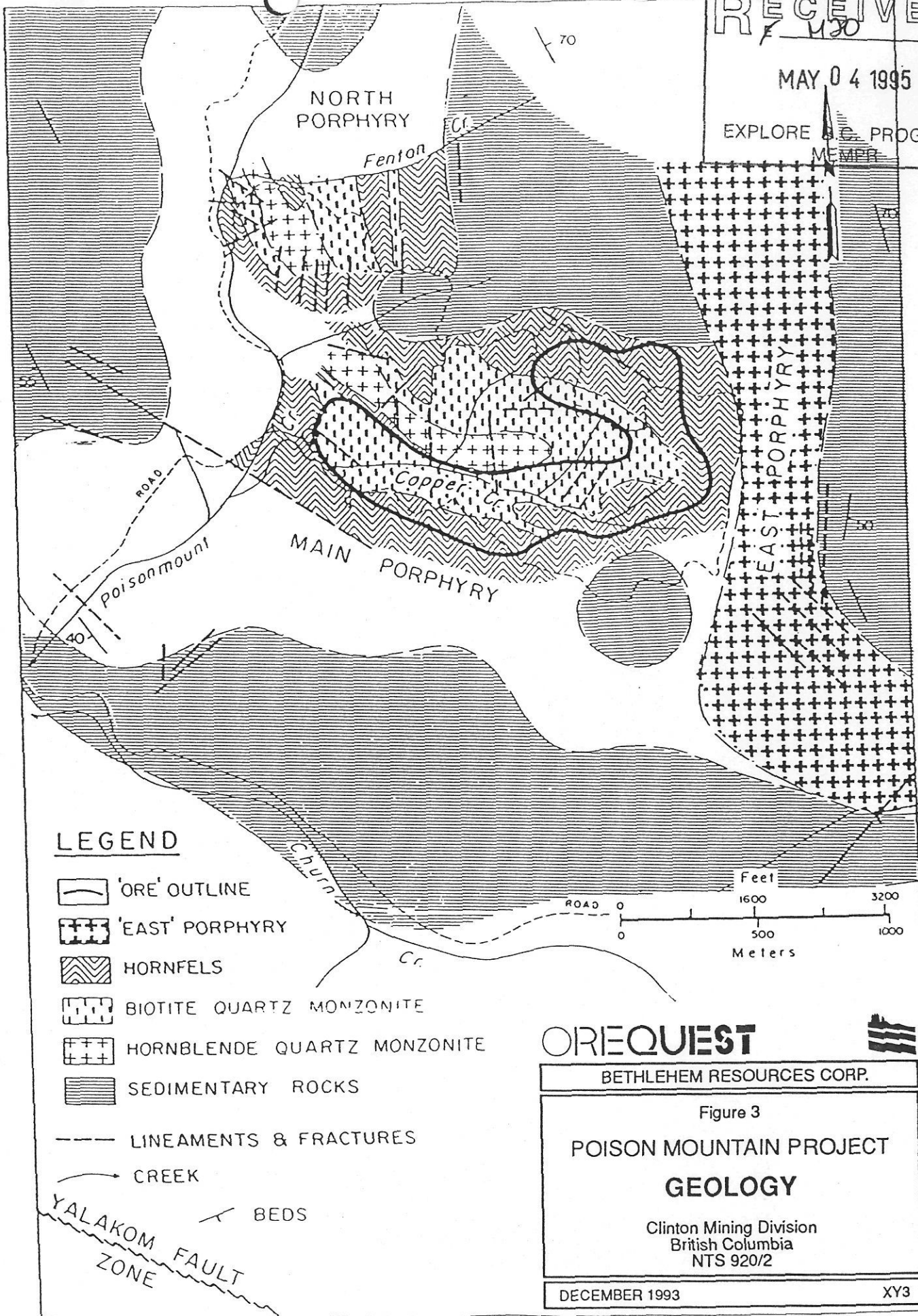
A program of detailed geological mapping, K-spar staining of rock samples for potassic alteration, soil sampling and detailed geophysical surveys (I.P., mag and VLF) are recommended to examine the potential for areas of higher grade mineralization. The two main areas of interest are the eastern extension of the Fenton Creek mineralization and the area between the Copper Creek and Fenton Creek Zones. The favorable geology has been mapped as extending northwesterly between Copper Creek and Fenton Creek however little detailed work has been done in this area. Modern IP surveys are also planned for the project. The two prior surveys, in 1965 and 1971, were completed upon widely spaced lines (800 - 1000 feet) and utilized only one or two separations resulting in limited definition and resolution with depth. Better depth resolution may be quite useful over Zone A and between the Fenton and Copper Creek Zones where there is a gap in the coverage.

In addition there is some evidence of gold mineralization both west and south of the Copper Creek deposit. A grab sample of a quartz vein in a small largely collapsed adit returned an assay of 0.084 oz/ton gold. In addition there are numerous gold soil geochemical anomalies from the grid on the west side of the main deposit. The program would commence in early June or July and require approximately 4 to 6 weeks to complete, funding for the program is from internal sources.





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**LEGEND**

- 'ORE' OUTLINE
- 'EAST' PORPHYRY
- HORNFELS
- BIOTITE QUARTZ MONZONITE
- HORNBLLENDE QUARTZ MONZONITE
- SEDIMENTARY ROCKS

- LINEAMENTS & FRACTURES
- CREEK

YALAKOM FAULT ZONE BEDS

**ORIEQUEST**

BETHLEHEM RESOURCES CORP.

Figure 3

**POISON MOUNTAIN PROJECT  
 GEOLOGY**

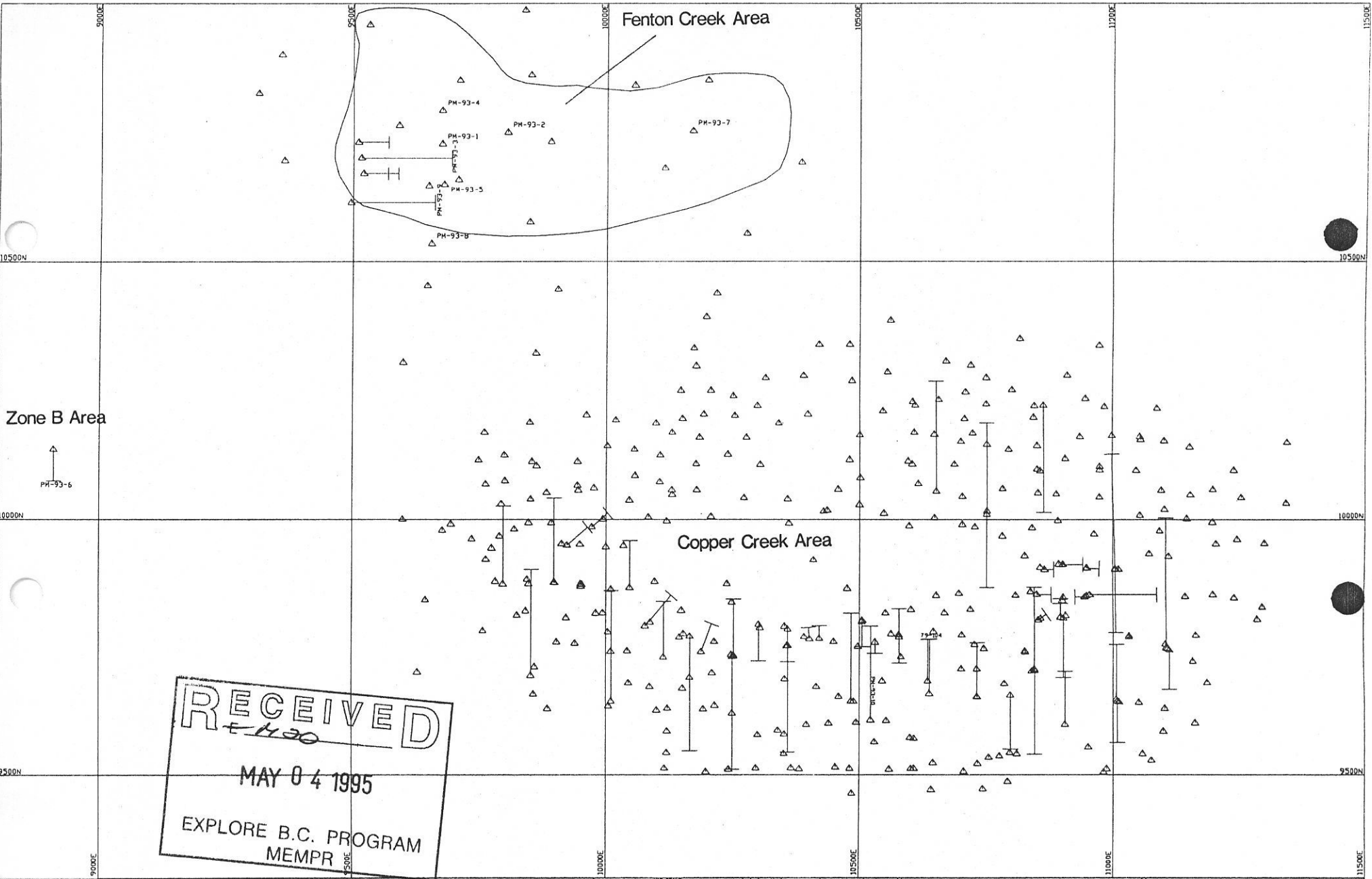
Clinton Mining Division  
 British Columbia  
 NTS 920/2

DECEMBER 1993

XY3

Zone A Area

Fenton Creek Area

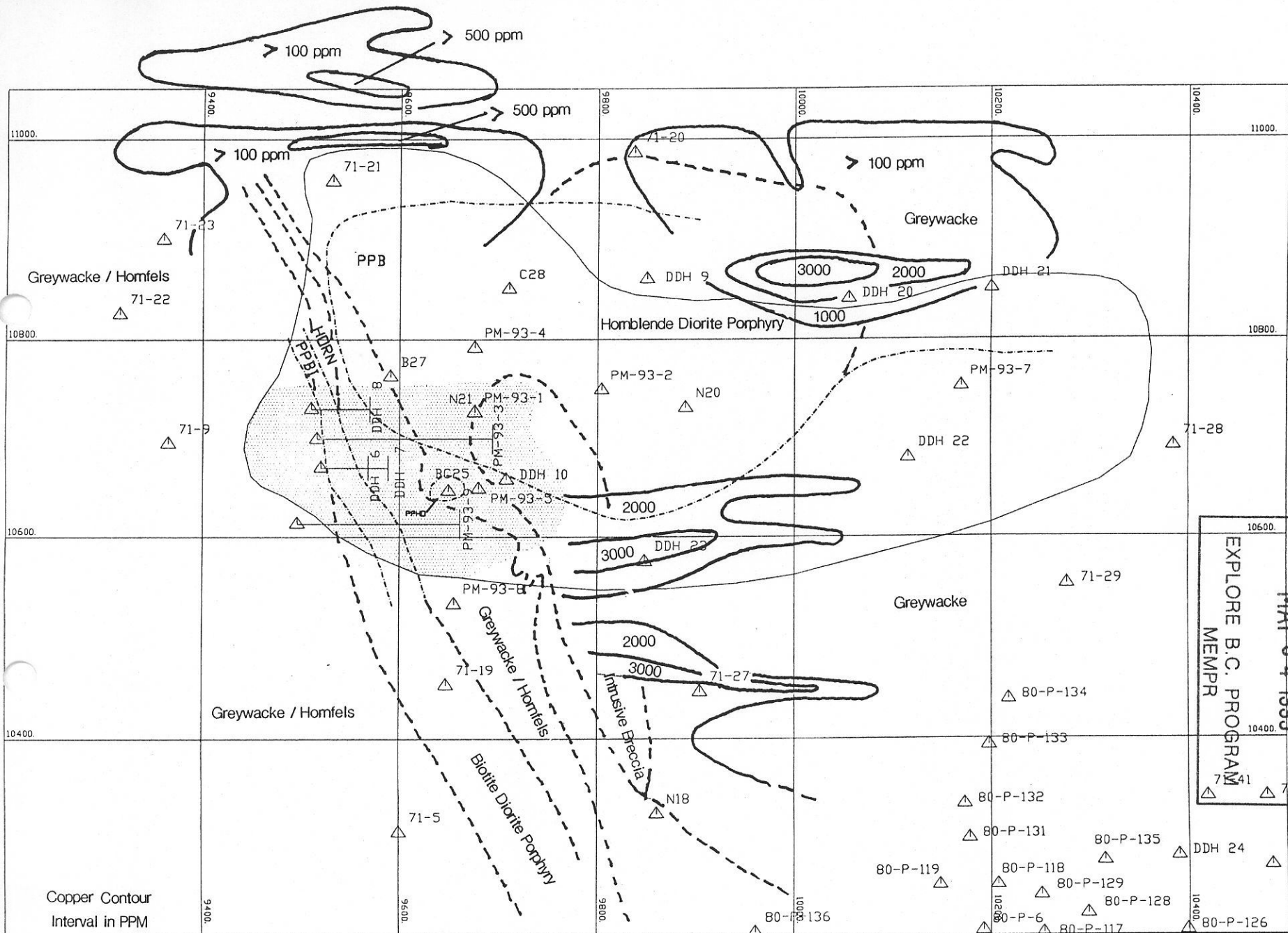


Zone B Area

Copper Creek Area

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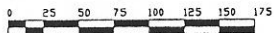
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Copper Contour  
Interval in PPM

MAP SCALE



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BETHLEHEM RESOURCES LTD.  
POISON MOUNTAIN PROJECT

DRILL HOLE PLAN  
FENTON CREEK ZONE

OFFICE	DEPARTMENT	MAP INDEX NUMBER	SCALE	DRAWING NUMBER
			1:2500. M	Figure 2