

BAPTY RESEARCH LIMITED

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LOG NO:	DEC 16 1994	U
ACTION:		
FILE NO:		

ASSESSMENT REPORT

REX I PLACER CLAIM

**SAWMILL CREEK, PERRY CREEK DRAINAGE
FORT STEELE MINING DISTRICT
NTS 82F/9E**

FOR

MILE HIGH MINING LTD.

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

23,648

DECEMBER 12, 1994

M. BAPTY, P. ENG.

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INTRODUCTION

The property is located 25 km southwest of Kimberley, B.C. on Sawmill Creek. Access is by logging road up Perry Creek to the Sawmill Creek turnoff. Drive 3 km north to the location of the workings.

The operator recovered placer gold in the summer/fall of 1993.

Previous historical work includes underground workings and surface trenches carried out from 1890 - 1940.

In order to supplement production planning, a bedrock depth profile was contracted in late 1993 using ground penetrating radar. Three profiles were completed. Typical bedrock depths ranged from 7-9 meters.

A copy of the geophysical report is enclosed.

STATEMENT OF COSTS

The following is estimated to describe the allocation of work.

<u>Claim</u>	<u>Line 1</u>	<u>(meters)</u>		<u>Total</u>
		<u>Line 2</u>	<u>Line 3</u>	
Rex I	125	75	nil	200
PL 16407	nil	200	nil	200
PL 16408	nil	nil	50	50
CAM	<u>nil</u>	<u>nil</u>	<u>345</u>	<u>345</u>
Total	125	275	395	795

The contractors invoice totalled \$2140 including GST. Of this the REX I portion totals 25% or \$535.



GROUND PENETRATING RADAR TECHNOLOGIES INC.

440, 700 - 6th Avenue S.W., Calgary, Alberta T2P 0T8
Telephone: (403) 531-9720 Fax: (403) 294-1162

December 15, 1993

Mile High Mining Ltd.
Box 274
Cranbrook BC.
VIC 4H8

Attn: Mr. Dan Miller

Re: Ground Penetrating Radar Survey - Sawmill Creek Mining Site

Dear Dan;

Please find enclosed copies of the radar profiles which were collected on the mine site this November, along with a map showing the approximate location of each transect line.

As I mentioned to you in the field, I am not confident in being able to provide you with the exact location of buried channel sediments, nor the bedrock topography due to certain constraints associated with the job. I do believe however that the GPR survey showed promise in that the depth penetration achieved was excellent, combined with good vertical resolution within the data. In order to benefit further from the GPR survey work already completed, or from any future geophysical work at the mine site, I have a few recommendations which I believe would produce far more encouraging results.

In order for me to be more accurate in my interpretation, I require a certain amount of geotechnical information (ie. trenching, or boreholes) at known locations corresponding to the location of the GPR transect lines. This would allow me to correlate the radar signals to known horizons at depth.

Secondly, because of the extreme topographical relief in the area, survey control along each transect line is essential, thus requiring elevation measurements to be taken wherever pronounced slope changes occur. This information would then be used to topographically correct the GPR data (instead of assuming a flat ground surface which is shown in the profiles provided). Without topographic correction, many horizons (ie. bedrock) which would normally appear as laterally continuous events within the data, become disjointed and are difficult to interpret.

The final recommendation is to provide more manageable access to the transect line locations which cross perpendicular to the water flow direction along Sawmill Creek. As you are aware, we were only able to cross perpendicular to the creek channel at one location because of the presence of the diversion channel and heavy forest undergrowth. These lines are critical in terms of being able to identify any deep channel cuts reliably throughout the entire length of the creek. Hand cut lines through forested sections would be adequate within the vegetated areas, but the amount of production and quality of data achieved along cat-cut lines would be more desirable.

With respect to the following data profiles, standard signal processing functions were applied in order to best enhance the signal to noise ratio. The x-axis on each profile represents horizontal distance in metres (approx.) where radar recordings were taken. The y-axis on each data section represents depth in metres. The squiggly vertical lines which altogether comprise each radar profile, are called traces and graphically represent the radar response to the subsurface. Those areas filled-in black within each trace are points where radar signals have reflected back to the surface due to changes in electrical properties encountered within the subsurface.

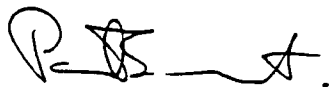
For all three sections I have highlighted the horizon which I believe could be bedrock in brown, and coloured all the overlying sediments yellow. An interesting feature I believe is possibly a response to an open underground mine shaft appears on Line 2. and is highlighted in red.

Also enclosed are line sketch interpretations taken directly from each of the processed radar transects, which are a little less confusing to anyone who is not familiar with a radar data display.

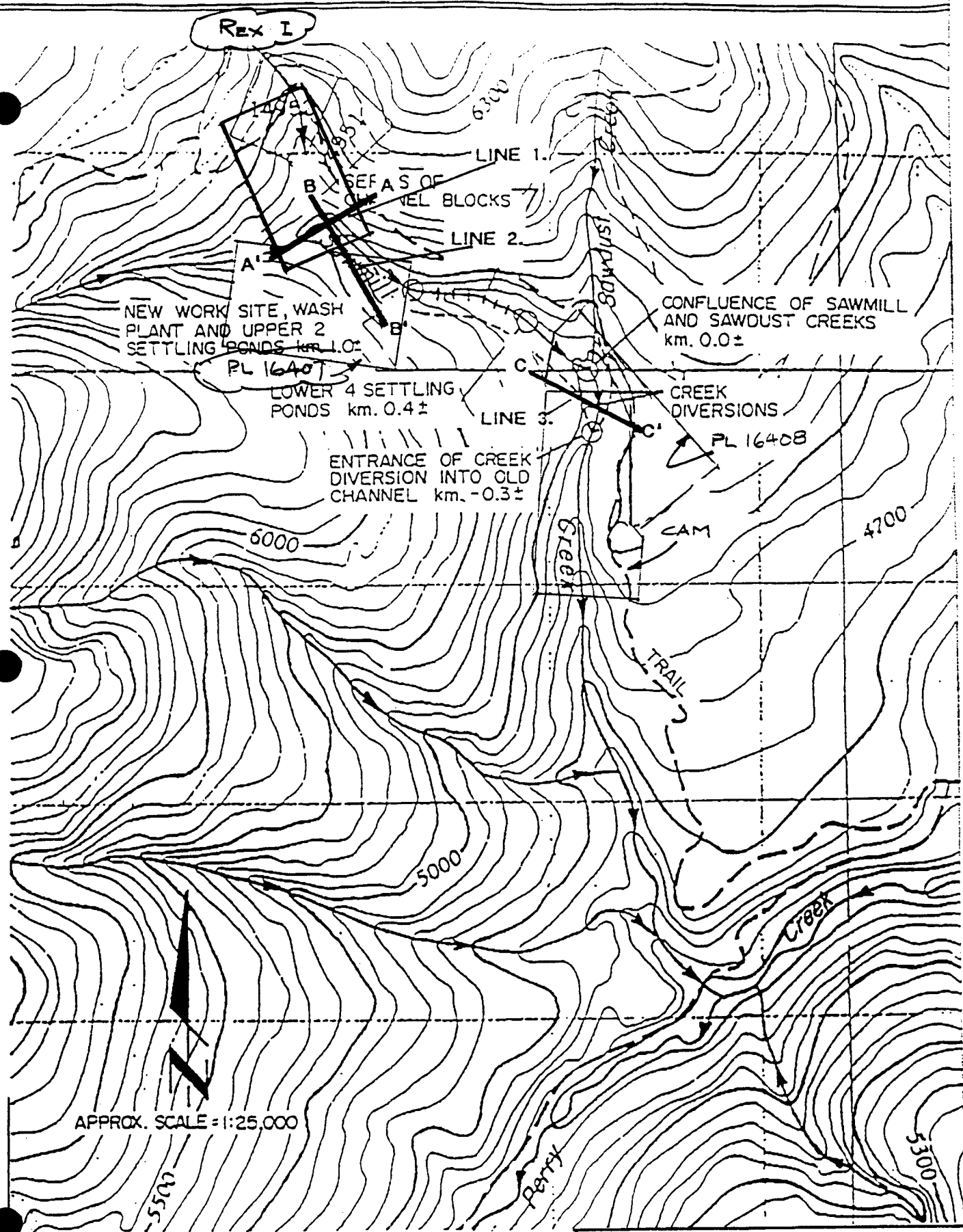
I hope this information is of some use to you Dan, and if you have any questions, or need more clarification of the results, please do not hesitate to call me at your convenience. If you are able to provide survey elevation control for the lines already collected, or any geotechnical information, please let me know and I'll be happy to re-work my interpretation for you.

I'll be contacting you in the New Year to discuss your feelings on this project, and to answer any concerns you may have regarding the data. Thank you.

Yours truly,

A handwritten signature in black ink, appearing to read 'P. Tarrant', with a stylized flourish at the end.

Paul Tarrant
Vice President



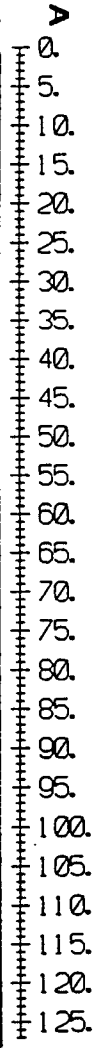
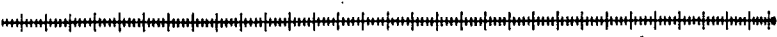
APPROX. SCALE = 1:25,000

BAPTY RESEARCH LTD		
MILE HIGH MINING LTD. SAWMILL CREEK GPR PROFILES		
1:25,000	DEC '94	MBS

REF: DEC 93 REPORT BY SEISMIC FIRM

Depth (m) $v=0.130$ m/ns

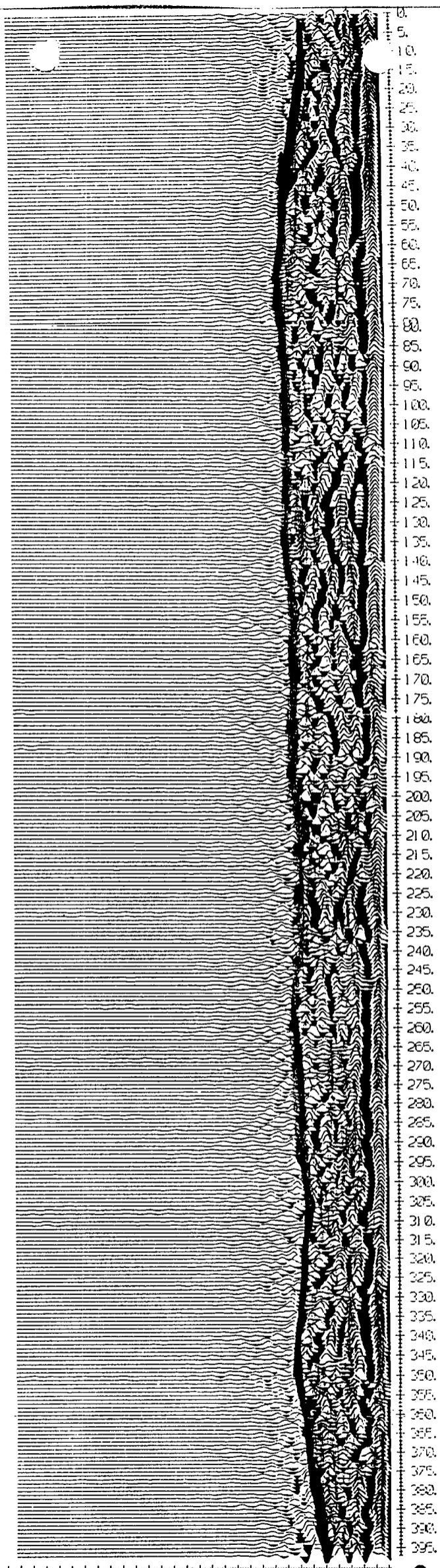
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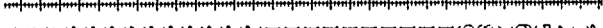
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Depth (m) $v=0.130$ m/ns

LINE 1.

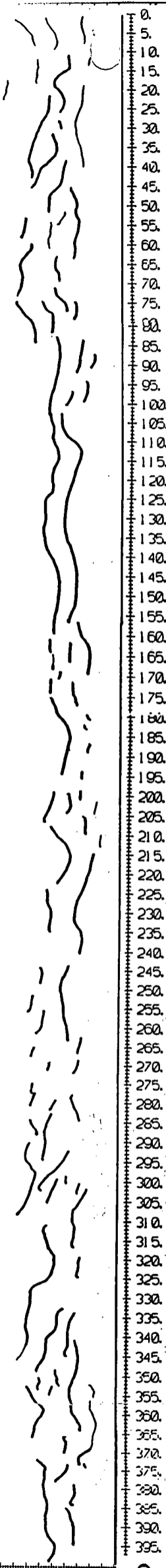


LINE 3.



 Depth (m) $v=0.130$ m/ns

LINE 3.



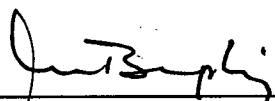
Depth (m) v=0.130 m/ns

STATEMENT OF QUALIFICATION

I, Michael Bruce Bapty, of Cranbrook, in the Province of British Columbia, hereby certify that:

1. I am a Consulting Mining Engineer and Contractor at 901 Industrial Road #2, Cranbrook, B.C.;
2. I am a graduate of the University of British Columbia with a BAsC in Mineral Engineering, and have been active in mine exploration, development, operations and administration for twenty-six years;
3. I am a member of the Association of Professional Engineers of British Columbia;
4. This report is based up a review of the available files, as requested by the owner, Mr. D. Miller, in order to request a refund for cash paid in lieu of work. My involvement with this property has been as a consultant for production permitting beginning in mid-1994.

Dated at Cranbrook, British Columbia, this 12th day of December, 1994.



M. Bapty, P. Eng.