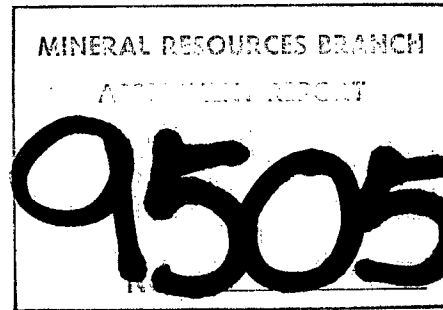


'81- #305- #9505



GEOCHEMICAL AND GEOPHYSICAL  
REPORT  
ON  
MONA CLAIM  
OMINICA MINING DIVISION

Latitude 54°36'N; Longitude 126°18'W  
NTS 93L/9W

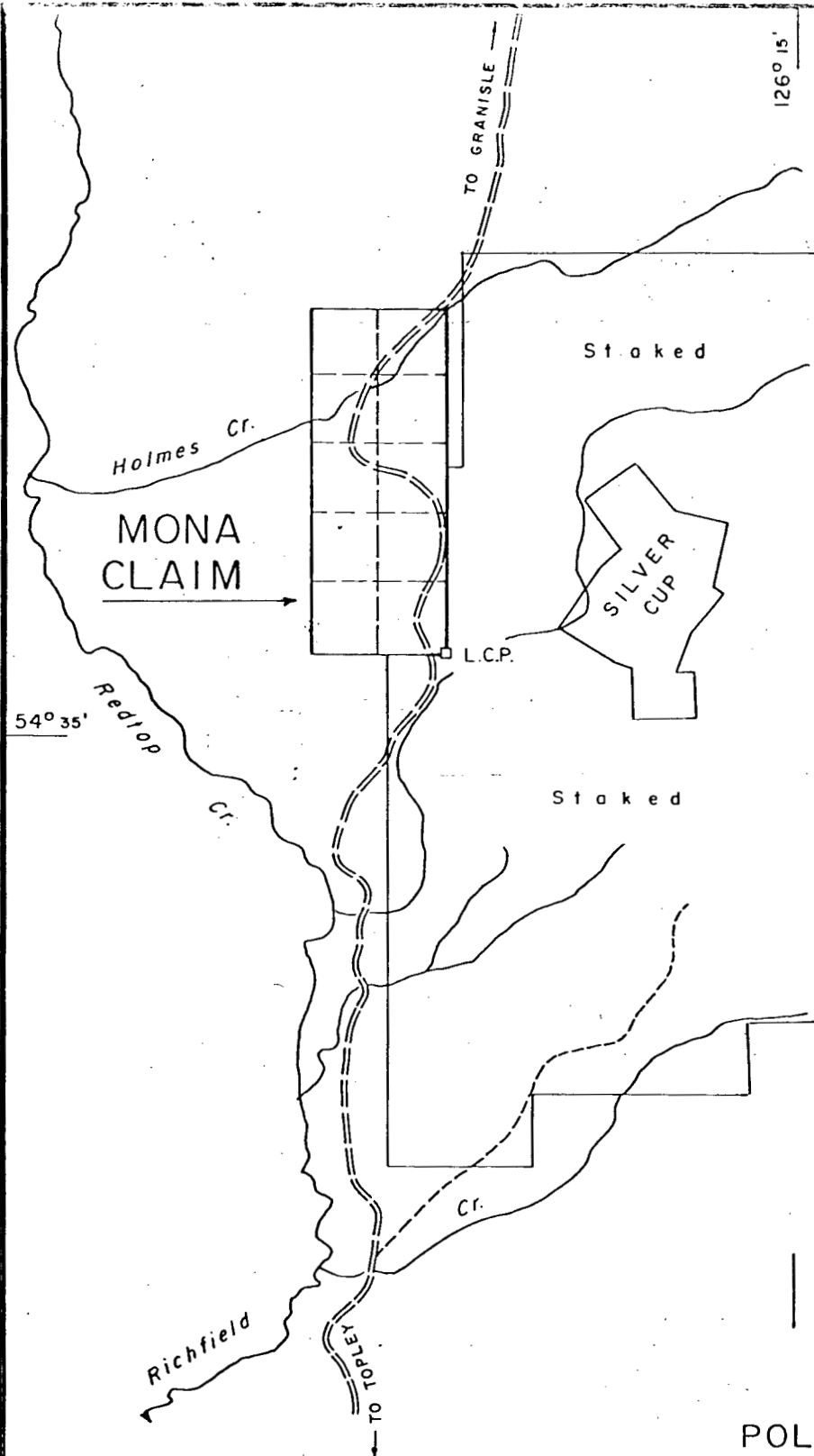
OWNER / OPERATOR : POLA RESOURCES LTD

April 1981

Paul Plicka  
Consulting Geologist

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VLF CONTOURS MAP	In Pocket



**NOTE:**

Drawn from map 93L/9W  
and staking sketch.  
Locations approximate.

POLA RESOURCES LTD.  
LOCATION PLAN  
OF  
MONA CLAIM

OMINICA MINING DIVISION, B.C.  
Scale: 1:50,000

## INTRODUCTION

This report deals with work done on the Mona claim between October 4-14, 1980 and November 21-26, 1980. The work program was recommended by J.P. Elwell in his report dated January 25, 1980.

## LOCATION AND ACCESS

According to the staking map, the Mona claim is located about 4 km north of Findlay Falls on both the east and west sides of the road from Topley to Granisle. The approximate geographic centre of the claim would be latitude  $54^{\circ}36'N$ ; longitude  $126^{\circ}18'W$ .

Access to the property is by way of Highway 16 to Topley, and then north on the Granisle road for about 12 km. This road passes through the claims.

A location map drawn from Map 93L/9W and staking sketches accompanies this report.

### WORK DONE

The crew established flag line grid. Soil samples were collected at 50 m intervals. The lines are 200 m spaced. The crew carried out VLF survey using Scintrex VLF receiver.

### CLAIMS AND OWNERSHIP

The Mona claim consists of 10 units. The three southeastern units are oversteaking Richfield #2 claim and were not worked on. The Mona claim is 100% owned by Pola Resources Ltd.

### VEGETATION AND TOPOGRAPHY

The claim is overgrown with thick young pine. The depression around the tributary of Redtop Creek is heavily overgrown with willow bush. The topography is almost flat. The northeastern part of the property raises gently to the east.

## GEOLOGY

The known silver showing occurs in heavily epidotised basalt of Hazelton group located to the southeast on Silver Cup crown grants. The area is intruded by approximately 70 million years old Topley manzonites. The Topley manzonite while being older than Granisle porphyries is known to carry Cu-Mo mineralization.

## GEOCHEMICAL SURVEY

The crew collected 85 soil samples. The assay results for Ag, Pb, Zn did not show any anomalous values. The Cu assays showed background readings of 18 ppm with one station 18N2W 23 ppm. Thus the results were not plotted. The area is known to be covered by thick layers of glacial clay. However, the survey should outline any near surface mineralized outcrop.

It is therefore concluded that the property does not have any near surface mineralized outcropping.

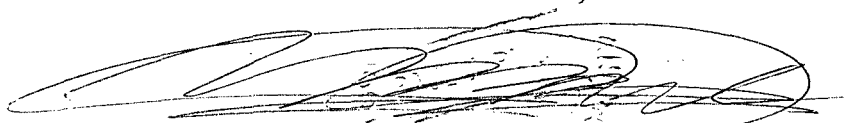
VLF SURVEY

The crew used Scintrex VLF receiver. Reading at 25.m intervals were taken. In the anomalous areas the readings were taken at 10 m intervals. The results were contoured (see map). The map outlines fairly uniform east-west strike. Two anomalous areas are discernable. The first and strongest at 16N5W, the second at 7N5W. Both have open peaks on the western boundary of the claim. Third anomalous area located 21N1E is somewhat doubtful being located on Holmes Creek and close to the highway. There is a possibility of picking up readings of metallic debris left over after the construction of the highway.

CONCLUSIONS AND RECOMMENDATIONS

The surveys outline only two anomalous areas both located in the western margin of the claim. These two areas should be further investigated to the west. The ground should be staked if continuity is proven and some ground trenching could explain the two anomalous zones.

Respectfully submitted,



Paul Plicka  
Consulting Geologist

Paul Plicka  
Consulting Geologist  
609, 525 Seymour Street  
Vancouver, B.C. V6B 3H7

November 9, 1981

Ministry of Energy, Mines  
and Petroleum Resources  
Parliament Buildings  
Victoria, B.C.  
V8V 1X4

Attention: Mr. R. Rutherford  
Chief Gold Commissioner

Dear Sir:

Re: File 166 Omineca  
Mona Mineral Claim  
Geochemical, Geophysical Report '81-#305

Total linear length of grid lines is 18.5 km.

Linear length of VLF EM survey is also 18.5 km with stations each 25 m.

Location of transmitting station for the EM survey is Seattle station.

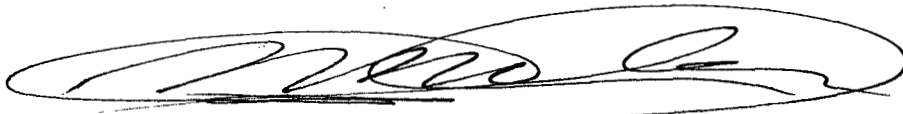
Qualifications of the crew chief, Mr. E. Novotny, are 6 years experience with Scintrex Co.

The cost of VLF EM survey was a contract work with Mr. E. Novotny for the sum of \$1,100.

The grid starts 500 m west from the Legal Claim Post.

Hoping this will be to your satisfaction.

Yours very truly,



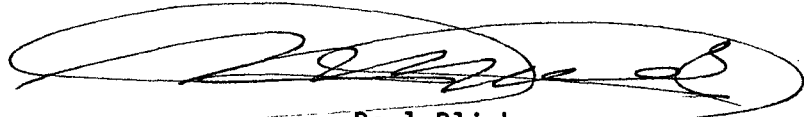
Paul Plicka  
Consulting Geologist



CERTIFICATE

I, Paul Plicka, of Suite 609, 525 Seymour Street, Vancouver, British Columbia, V6B 3H7, hereby certify as follows:

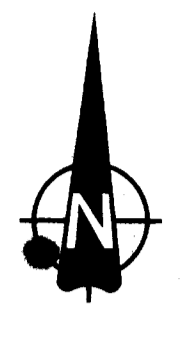
1. I am a graduate of Prague Technical University, 1966.
2. I have practised my profession for twelve years in British Columbia.
3. I am a fellow of the Geological Association of Canada, in good standing since 1973.



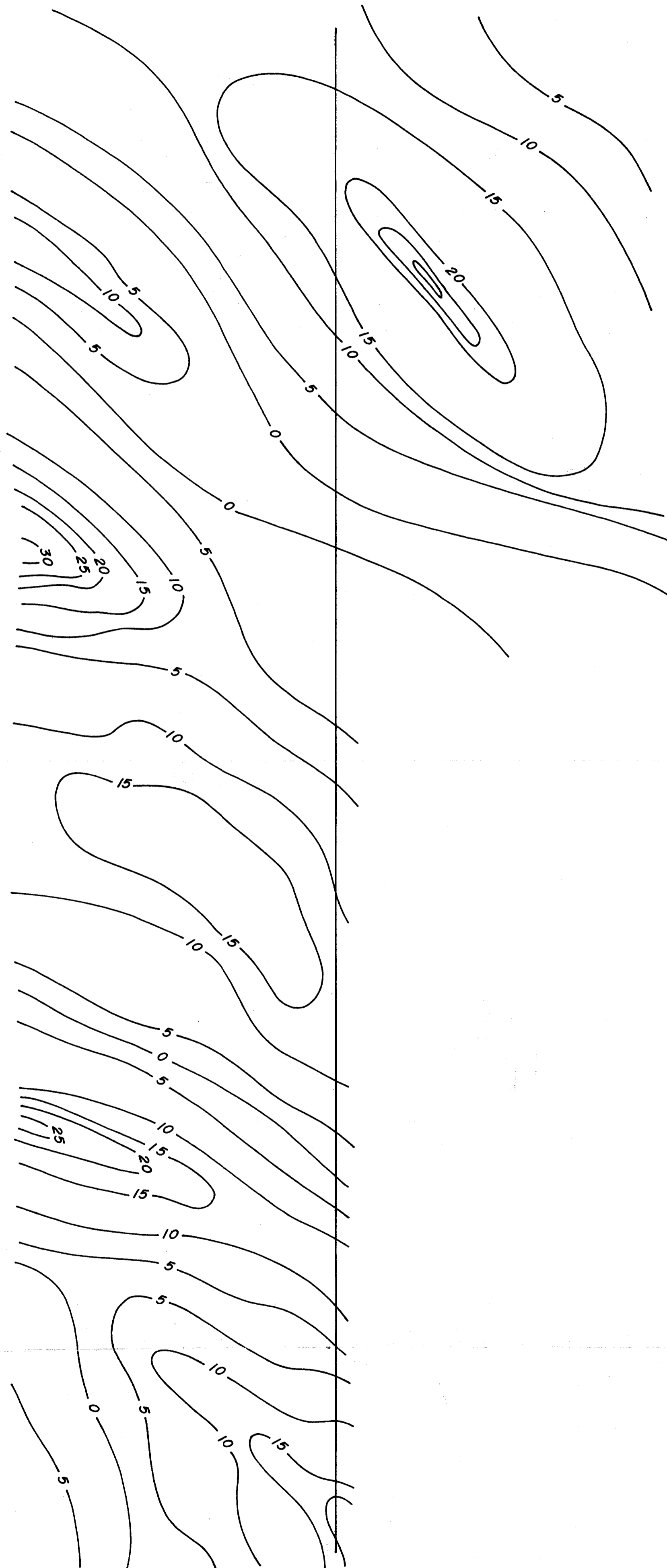
Paul Plicka  
Consulting Geologist

Dated at Vancouver, British Columbia, this 9th day of November 1981.

4W 2W 0E 2E 4E



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0+00N-



MINERAL SERVICES BRANCH  
ASSESSMENT REPORT

**9505**

100 50 0 100 200 300  
Meters

POLA RESOURCES LTD.		
— MONA CLAIM —		
<b>EM SURVEY CONTOUR MAP</b>		
PAUL PLICKA VANCOUVER, B.C.	DWN. BY: T.M. CHK. BY: DATE: APRIL, 1981	FIG. NO.