

4322

92I/8W

PROGRESS REPORT

on the

ULLA CLAIM GROUP
Nicola Mining Division
and
Kamloops Mining Division

Lat. 50°28'N
Long. 120°28'W

for

ENVOY RESOURCES LTD.

Claim Name

Ulla 1 - 14

Record Number

52295 - 52308

Expiry Date

May 2, 1973

by

G. B. Phelps, M.Sc., P.Eng.
ATLED EXPLORATION MANAGEMENT LTD.
Vancouver, B.C.

April, 1973

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 4322 MAP

NTS 921-8W

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PROGRESS REPORT ON THE ULLA CLAIM GROUP

INTRODUCTION

At the request of Mr. Rudi Bader, Director of Envoy Resources Ltd., Phase I of the proposed exploration programme outlined by Atled Exploration Management Ltd. in its letter of March 19, 1973 has been completed.

The field work, consisting of line cutting, magnetometer survey and cursory geological mapping was carried out between March 29 to April 3, 1973 (24 man-days).

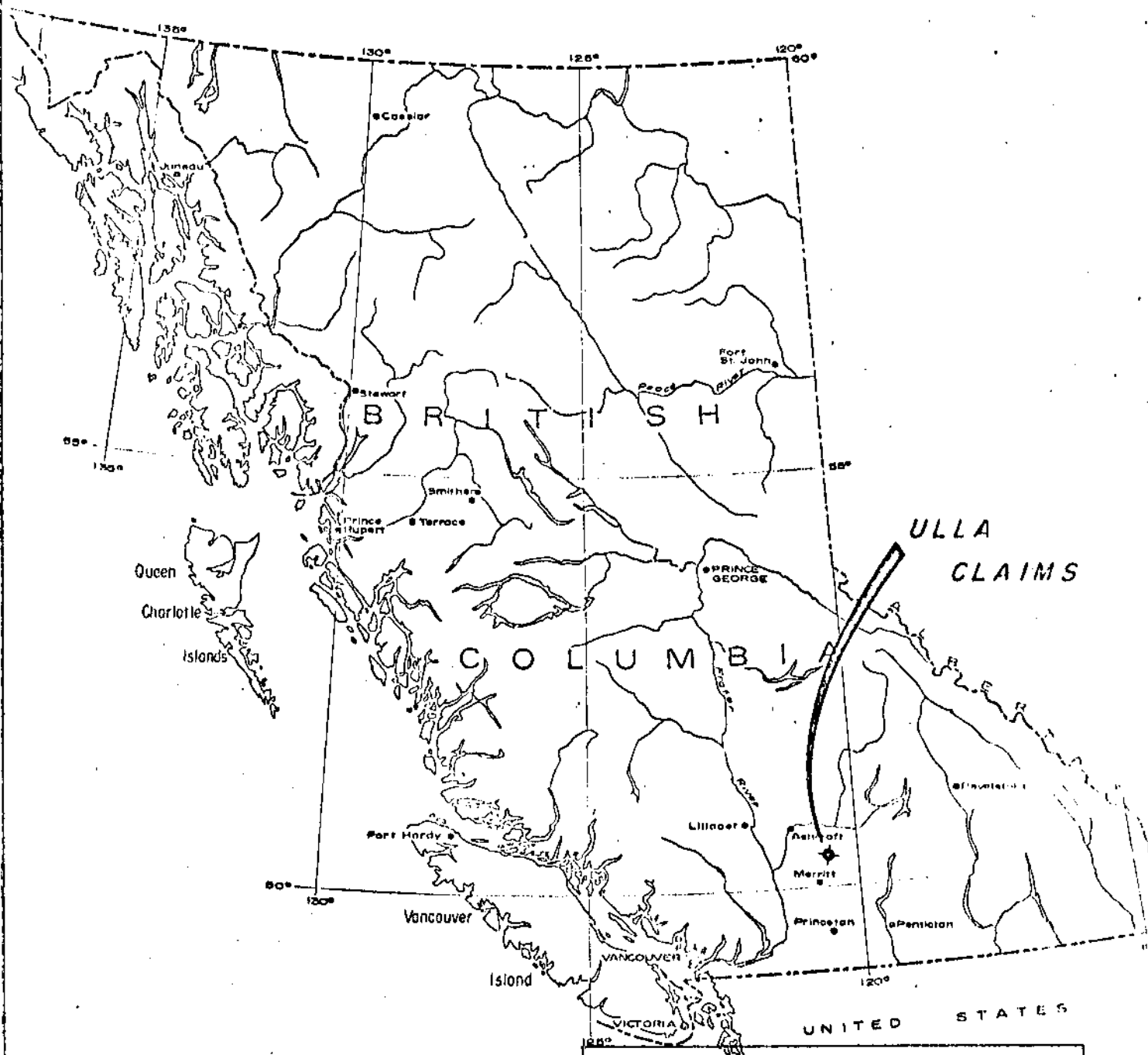
There were two to three feet of snow in the area, and the roads had not been plowed through the property. The difficult access to the property resulted in field costs being somewhat higher than anticipated.

SUMMARY

The Ulla Group of claims is located in south-central British Columbia 20 miles south of Kamloops.

Access to the property is from Merritt or Kamloops via Highway No. 5. The claim group is underlain by Nicola volcanics of Triassic age and schists of Paleozoic age which have been intruded by the Coast Range granodiorite.

The geological mapping was very limited by the snow cover, however, there was sufficient outcrop to assist in interpreting the magnetometer survey.



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ENVOY RESOURCES LTD.
 LOCATION MAP

The magnetic results indicate a general north to north-east strike to the volcanic series. Several magnetic highs on the south of the claim group may be "fingers" of a granitic intrusive.

CONCLUSION

Molybdenite float was found on the south end of the property. Molybdenite mineralization was found in place on adjacent claims to the north. The magnetometer survey indicated possible intrusive bodies on the south end of the claims, but they have not been definitely outlined. A preliminary geological survey and geochemical survey should be conducted to determine if the property has significant mineralization.

It is concluded that Phase II of the exploration programme should be initiated as soon as the claim group is free of snow and road conditions permit.

RECOMMENDATIONS

It is recommended that Phase II of the exploration programme be carried out as follows:

Phase II

1. Collect geochemical soil samples at 200-foot intervals, and analyze for Cu, Zn and Mo.
2. Map the geology at 1" = 400' scale on the entire claim group using the survey grid for control.

Phase III

Phase III will be contingent on the results of Phase II. It is expected that detailed geological mapping and bulldozer trenching will be required in anomalous areas followed by geophysical surveys and percussion drilling.

ESTIMATED COSTS

Phase II summer working conditions

1. Geochemical soil survey--200-foot stations, 11 line miles	\$ 700.00
2. Sample analysis	
Soil samples: 300 @ \$2.00 = \$600.00	
Rock samples: 15 @ \$3.00 = 45.00	645.00
3. Geological mapping P.Eng.	750.00
4. Food and accommodation	350.00
5. Transportation	225.00
6. Report compilation and map preparation	<u>500.00</u>
	\$3,170.00
Programme management and overhead @ 10%	317.00
Contingencies @ 10%	<u>317.00</u>
	\$3,794.00

Phase III

Phase III is contingent on the results of Phase II.

GEOGRAPHY

Location

The Ulla claim group is located about 20 miles south of Kamloops in south-central British Columbia.

Co-ordinates of the property are 50°28' north latitude and 128°28' west longitude.

Access

The property can be reached from Merritt or Kamloops by Highway No. 5. Three-quarters of a mile south of Stump Lake, a gravel road goes east approximately four miles to the property.

Topography

The claims cover an area varying in elevation from 3,400 to 4,100 feet. There are gullies with relief of up to 100 feet.

Vegetation

All of the property is covered with pine and spruce. Most of the western claims are covered by second growth 10 to 12 feet tall and are extremely thick with windfalls.

Climate

The property is located in the Interior Dry Belt with 10 to 15 inches of rain per year. There would be a maximum of five feet of compacted snowfall at 3,500 feet of elevation.

Water

There is sufficient water in the spring for a drilling programme, but most small streams will be dry by late summer.

CLAIMS

The following are the claims in the Ulla claim group.

<u>Claim Name</u>	<u>Record Number</u>	<u>Expiry Date</u>
Ulla 1 - 14	52295 - 52305	May 2, 1973

GEOPHYSICAL SURVEY

Linecutting and Grid Survey

A total of 9.54 line miles was cut and surveyed. A north-south base line 8,000 feet long was established through the centre of the claim block. East-west crosslines were cut at 800-foot intervals to cover the entire claim group.

Magnetometer Survey

A total of 9.54 line miles was magnetically surveyed with station intervals at 200 feet.

Method

The instrument used was a vertical force fluxgate magnetometer which is hand held and levelled using a bubble level on the face of the instrument.

The magnetometer was held by the aid of a harness to maintain constant height above ground and constant distance from the operator. Readings were taken facing one direction using the most sensitive scale possible.

Loop times of less than two hours were encountered, resulting in good control of the diurnal corrections. A nearby base-station was read at the beginning and end of each day for the day-to-day correlation and to monitor any possible magnetic storms.

Instrumentation

A Scintrex MF-1 Model Fluxgate magnetometer was used. This unit measures the vertical force variations of the earth's magnetic field, displayed in gammas, on a meter having five ranges for a total of $\pm 100,000$ gammas. The MF-1 is very light, is fully portable, has excellent temperature stability, has negligible orientation error and is of rugged construction.

Data Compilation and Presentation

The readings and time of readings were recorded in a metal-free field book, and transferred to a planimetric

map for contouring after the necessary diurnal and day-to-day corrections were made.

The scale of the magnetic contour map is 1" - 400'. The map is contoured at irregular and arbitrary gamma intervals in order to more easily define the anomalous areas.

Survey Results

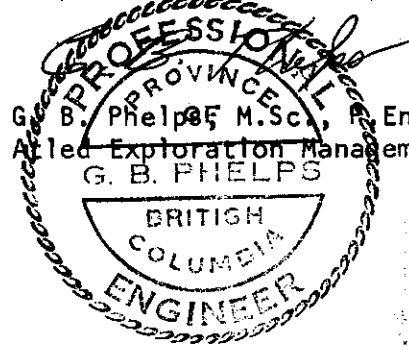
The magnetometer survey was executed over the entire claim group.

The magnetometer results indicate northerly striking structures although there is very little correlation between given anomalous areas. This is probably a result of variable magnetite content in the volcanics and schists. The magnetic high areas in the south may represent "fingers" of a granitic intrusive. Geological mapping and geochemical surveys will be necessary to determine the significance of these intrusive "fingers" since they are in the area of the molybdenite float. Outcrops and the granitic intrusives were found in place and a strong fault was located at South 32 on the base line.

Snow conditions prevented performing any geological mapping other than the location of enough scattered outcrops to aid in the interpretation of the geophysical survey.

Respectfully submitted,

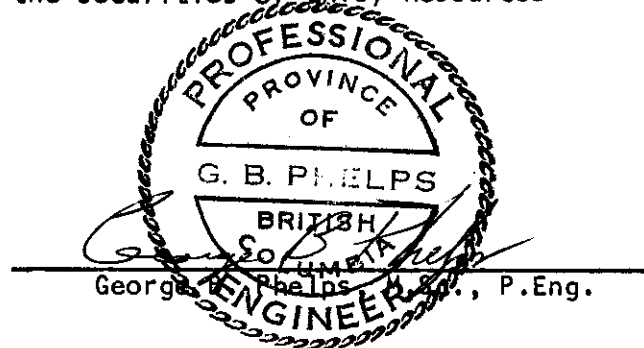
G. B. Phelps M.Sc., P. Eng.
 Allied Exploration Management Ltd.



ENGINEER'S CERTIFICATE

I, GEORGE B. PHELPS, of #501-2061 Beach Avenue, in the City of Vancouver, in the Province of British Columbia, DO HEREBY CERTIFY:-

1. That I am a consulting geological engineer with a business address of 420-475 Howe Street, Vancouver, British Columbia.
2. That I am a graduate of the Montana College of Mineral Science and Technology where I obtained my B.Sc. in geological engineering in 1966 and my M.Sc. in geological engineering in 1969.
3. That I am a Registered Professional Engineer in the Geological Section of the Association of Professional Engineers in the Province of British Columbia.
4. That I have practiced my profession as a geological engineer for the past seven years, and
5. That I have no interest, direct or indirect, in the property with which this report is concerned, nor do I expect to receive any such interest. I have no interest in the securities of Envoy Resources Ltd.



DATED at the City of Vancouver, Province of British Columbia, this 16th day of April 1973.

REFERENCES

1. Cockfield, W. E. Geological Mineral Deposits of Nicola Map-Area, British Columbia. Memoir 249, 1961.

DOMINION OF CANADA:
PROVINCE OF BRITISH COLUMBIA.
To Wit:

In the Matter of COSTS INCURRED IN CARRYING OUT A
GEOPHYSICAL SURVEY ON THE ULLA GROUP

I,

of Vancouver, B. C.

in the Province of British Columbia, do solemnly declare that the following are the minimum costs incurred in carrying out the exploration program on the Ulla group.

1. Line cutting and grid survey 9.54 miles @ \$80.00/mile	
G. Baker	
W. Clark	
L. Mamosar	\$ 763.20
2. Magnetometer Survey	
9.54 miles @ \$60.00/mile	
P. Henry	572.40
3. Geological mapping	
P. Henry	100.00
4. Food and Accommodation	
24 man days @ \$12.00/day	288.00
5. Transportation, mobilization and demobilization	200.00
Skidoo rental	100.00
6. Report and maps	300.00
	<hr/>
	\$ 2,323.60
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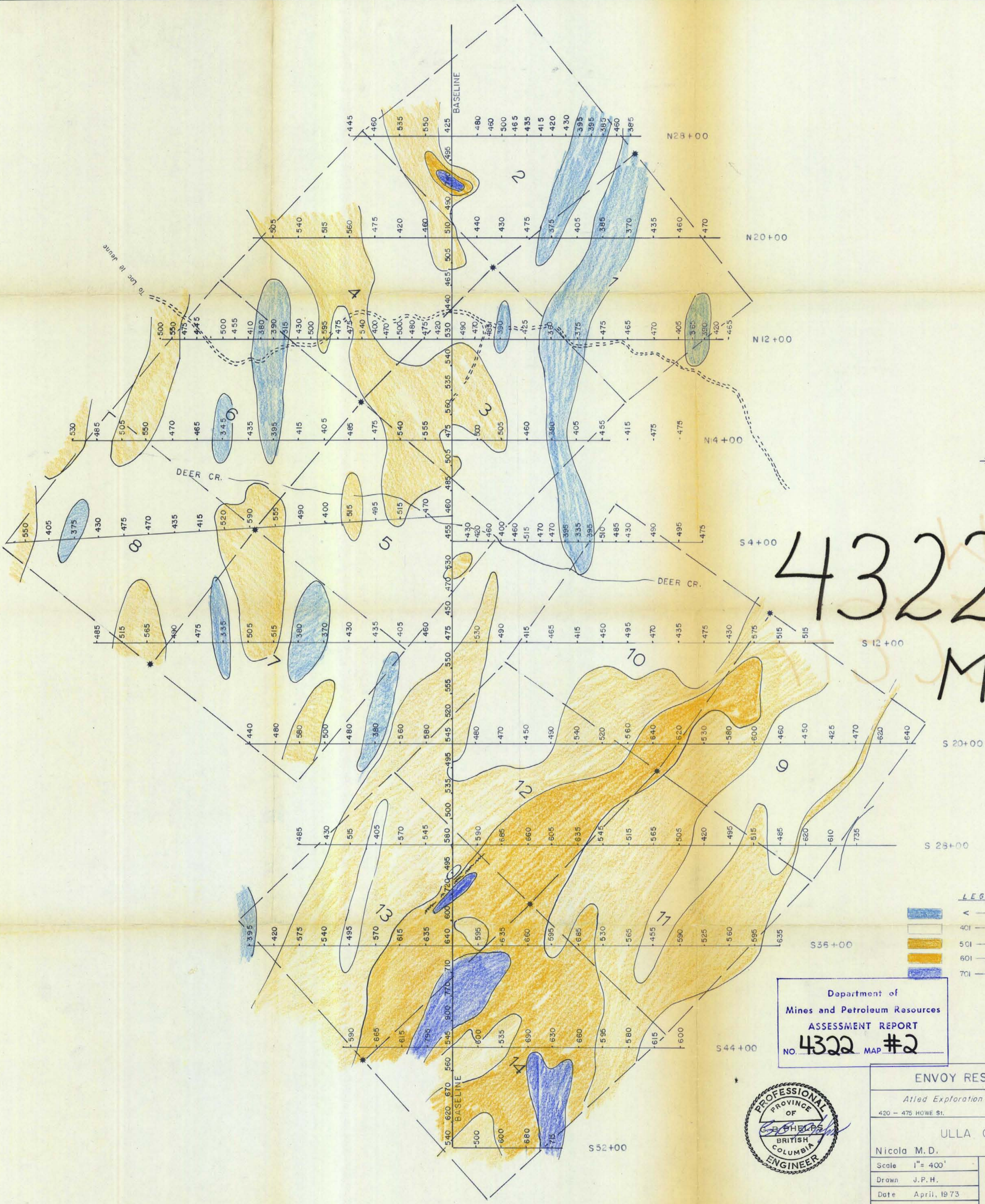
And I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath and by virtue of the "Canada Evidence Act."

Declared before me at the *City*
of *Vancouver*, in the
Province of British Columbia, this *26*
day of *April* 1973, A.D.

George B Phipps

Julius J. Jensen
A Commissioner for taking Affidavits for British Columbia or
A Notary Public in and for the Province of British Columbia.

Sub-mining Recorder



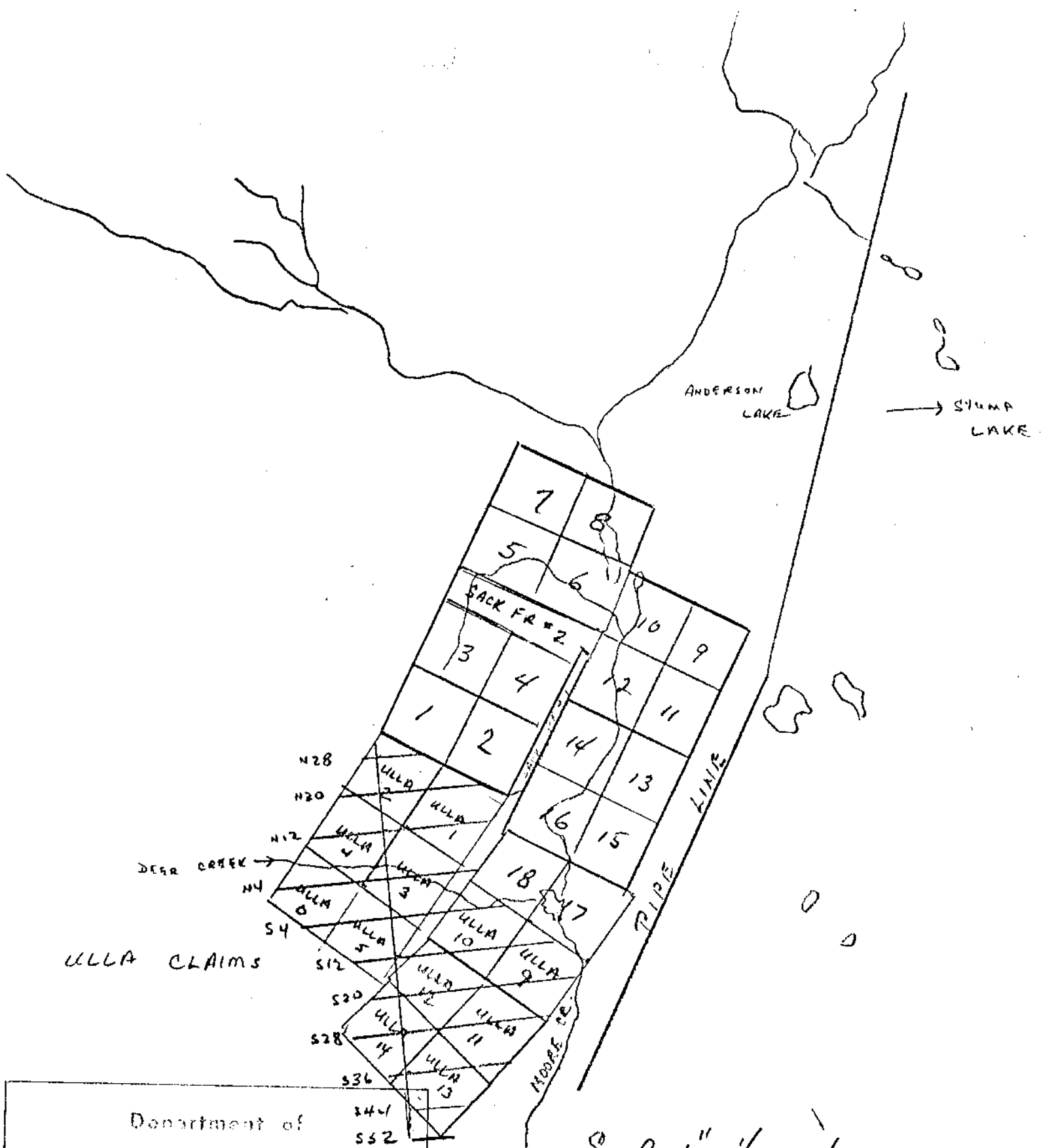
4322
M-2

- LEGEND**
- < 400 gammas
 - 401 - 500 gammas
 - 501 - 600 gammas
 - 601 - 700 gammas
 - 701 - > gammas

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NO. **4322** MAP #2



ENVOY RESOURCES LTD.	
<i>Atled Exploration Management Ltd.</i>	
420 - 475 HOWE ST.	VANCOUVER, B.C.
ULLA CLAIMS	
Nicola M.D.	N.T.S. 92-1/B
Scale 1" = 400'	MAGNETOMETER SURVEY
Drawn J.P.H.	
Date April, 1973	



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Scale 1" = 1/2 miles
 MAP 92I/8