

GEOCHEMICAL REPORT
on the
POP CLAIM GROUP
WHEATON RIVER DISTRICT
WHITEHORSE MINING DIVISION
Claim Sheet 105-D3
Latitude 60° 11' N.
Longitude 135° 13' W.
for
BERGLYNN RESOURCES INC.
by
T.M. ELLIOTT, B.Sc., M.S.



June 24, 1983

Whitehall, Montana

~~XXXXXXXXXX~~
091473

This report has been examined by
the Geological Evaluation Unit
under Section 53 (4) Yukon Geology
Mining Act and is allowed as
representative work to the extent
of \$ _____.

Regional Manager, Exploration and
Geological Services for Commissioner
of Yukon Territory.

*for information only
(assessment based
of physical work)*

TABLE OF CONTENTS

| | Page |
|---|------|
| INTRODUCTION | |
| Access | 1 |
| Claims | 1 |
| GEOLOGY | |
| General Geology | 1 |
| Mineralization | 2 |
| ROCK GEOCHEMISTRY | |
| Survey Methodology | 2 |
| Sample Analyses | 2 |
| Survey Results | 3 |
| INTERPRETATION, CONCLUSIONS AND RECOMMENDATIONS | 3 |
| APPENDIX I - Rock Geochemistry Results | |
| APPENDIX II - List of Employees | |
| APPENDIX III - Author's Statement of Qualifications and Experience | |

INTRODUCTION

Access

Access to the Pop mineral claims is from Whitehorse via the Carcross road to the Annie Lake road, and from there to the Wheaton River road. The Wheaton River can be forded with a four-wheel drive vehicle during periods of low water.

Since the Wheaton River road is partially sloughed and is boulder strewn, access to a camp site is by back-packing up the old road.

Claims

The Pop mineral property is located approximately 83 km southeast of Whitehorse in the Wheaton River District, Yukon Territory and consists of the following mineral claims:

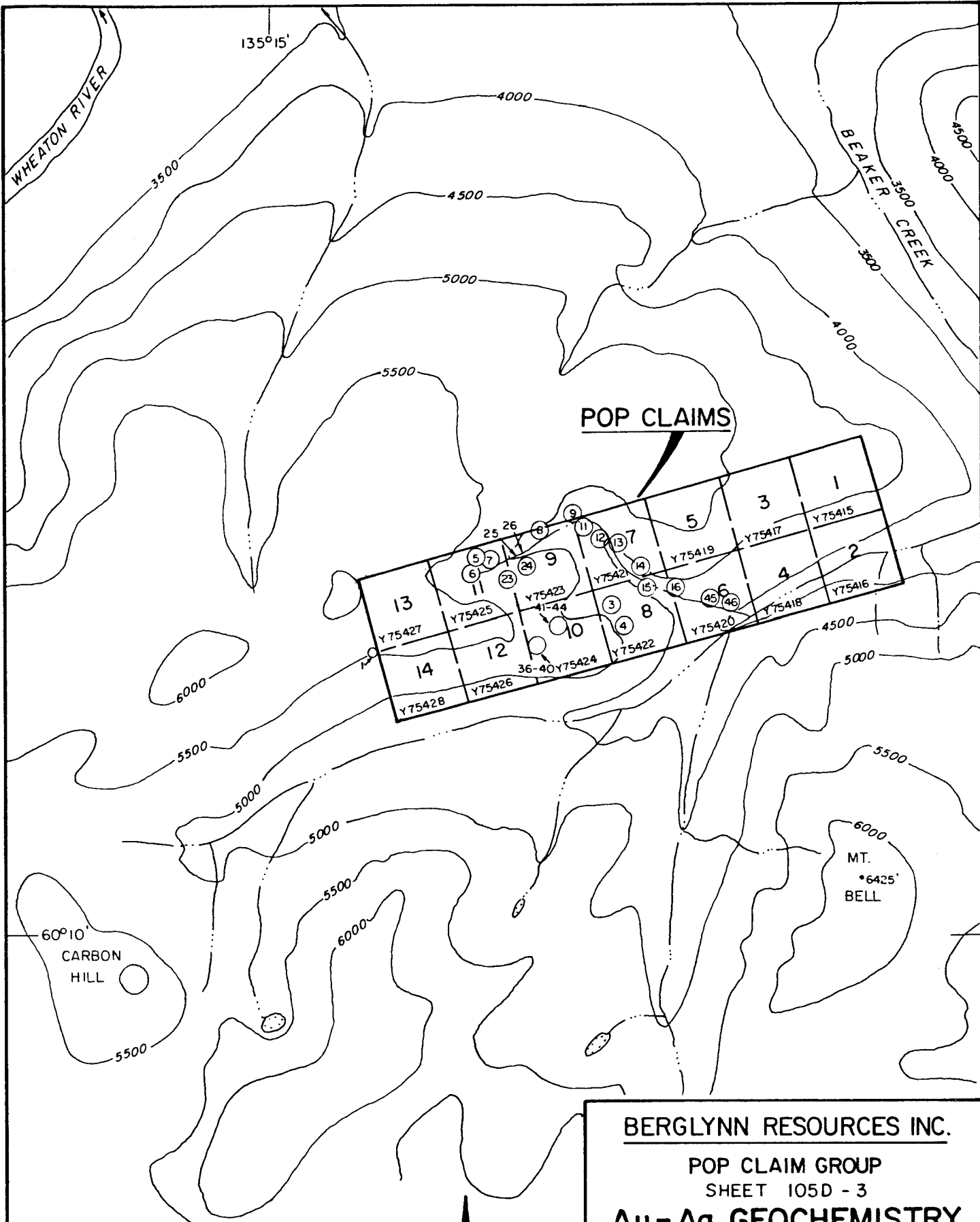
| <u>Claims</u> | <u>Record Nos.</u> |
|---------------|--------------------|
| Pop 1-14 | Y75415-28 |

The claims are wholly-owned by E. Bergvinson of 900 - 475 Howe Street, Vancouver, B.C. V6C 2B3.

GEOLOGY

General Geology

The oldest rock unit on the Pop claims is the Mount Stevens Group of Lower Paleozoic (Pre Devonian) amphibolite gneisses. Intruding the Mount Stevens Group on most of the northern and eastern portions of the claim group, is the Jurassic Coast Mountain biotite-hornblende granodiorite porphyry.



LEGEND

- ⑫ Sample location & number
- 6000- Contours in feet at 500' interval



BERGLYNN RESOURCES INC.

POP CLAIM GROUP
SHEET 105D - 3

**Au - Ag GEOCHEMISTRY
SAMPLE LOCATION, 1982**

SCALE 1:126,720

0 1 2 3 4 Miles
0 1 2 3 4 5 Kilometres

Cropping out along the northwest corner of the Pop claims is the Jurassic-Cretaceous Tantalus Conglomerate consisting of 2-5 cm. long, well-rounded pebbles of greenish chert, quartz, and minor slate cemented by a hard siliceous matrix.

Tertiary rocks found on the claims include the Wheaton River volcanics which are light-coloured, felsophytic miarolytic, flow-banded, rhyolite dykes cross-cutting other rock units on a general north easterly-striking trend.

The remainder of the area is covered by Pleistocene to Recent surficial deposits and felsenmeer.

MINERALIATION

On Pop claim #10 there are 3 adits and several trenches along a shear zone trending N 45° W to N 60° W and dipping southwest at approximately 75-85°. This zone is black and pyritic with lenses of massive stibnite in a quartz gangue.

ROCK GEOCHEMISTRY

Survey Methodology

A rock geochemical survey was undertaken by two prospectors for Berglynn Resources Inc.: David Bergvinson and Rick Merrill. Their work was directed towards sampling anomalous rock such as rusty zones and sheared bedrock in hopes of locating some rocks rich in gold and/or silver.

Unfortunately, only 29 of the 46 bedrock samples collected, are plotted on the accompanying sample location map.

Sample Analyses

Rock chip samples were sent to the laboratory of Bondar-Clegg

in Whitehorse, Yukon Territory. The samples were analyzed for gold and silver by a standard rock geochemical technique. The attached results sheet (see Appendix I) shows silver values in parts per million (ppm) and gold values in part per billion (ppb).

Survey Results

Rock samples containing more than 1 ppm silver and/or more than 10 ppb gold are considered to be anomalous in these precious metals. The following samples are anomalous:

- (1) Samples 4, 5 and 6 - Sample 4 was taken along the creek directly below adit #3 (samples #41-44) and samples 5 and 6 were taken along the major creek north of the adits.
- (2) Samples 17, 20 and 21 - These samples are not located on the sample location map. According to D. Bergvinson, they were collected "on a prospecting venture", but locations were not plotted.
- (3) Samples 30, 32 and 35 were collected from trenches near the adits.
- (4) Samples 38 and 39 were taken from the walls of adit #1.
- (5) Samples 42 and 43 were chip samples taken from adit #3. Sample 42 is from a 15 cm. wide vein of stibnite.

INTERPRETATION, CONCLUSIONS AND RECOMMENDATIONS

This rock geochemistry survey can only be considered to be preliminary in nature. It has proved that rocks weakly anomalous in gold and/or silver can be found on the Pop claims.

A detailed, follow-up rock geochemical survey should be undertaken to expand the area sampled in 1982. In addition, further samples should be taken in the areas of the weakly anomalous in gold and/or silver can be found on the Pop claims.

A detailed, follow-up rock geochemical survey should be undertaken to expand the area sampled in 1982. In addition, further samples should be taken in the areas of the weakly anomalous samples. A geologist should accompany the prospectors to identify the rock types and possible associated structural settings.

If possible, the area of sample #20 should be found as it is anomalous in both gold and silver.

Further sampling of the veins in the adits should be undertaken as samples #42 and #43 from adit #3 indicate that there may be silver and gold values associated with the stibnite veins. It is possible that the antimony values may grade down vertically into gold and/or silver values.

APPENDIX I
ROCK GEOCHEMISTRY RESULTS

| Sample # | Silver ppm | Gold ppb |
|----------|---------------|-------------|
| 3 | 0.2 | 7 |
| 4 | 0.3 | 12 |
| 5 | 0.2 | 18 |
| 6 | 0.3 | 13 |
| 7 | 0.2 | 3 |
| 8 | 0.2 | 6 |
| 9 | 0.2 | 7 |
| 11 | 0.2 | 5 |
| 12 | 0.2 | 4 |
| 13 | 0.3 | 2 |
| 14 | 0.1 | 2 |
| 15 | 0.2 | 2 |
| 16 | 0.3 | 7 |
| 17 | 1.2 | 8 |
| 18 | 0.5 | 7 |
| 19 | 0.6 | 7 |
| 20 | 3.4 | 26 |
| 21 | 0.6 | 13 |
| 22 | 0.1 | 3 |
| 23 | 0.2 | 4 |
| 24 | 0.2 | 3 |
| 25 | 0.3 | 3 |
| 26 | 0.5 | 4 |
| 27 | 0.3 | 3 |
| 28 | 0.3 | 3 |
| 29 | 0.3 | 6 |
| 30 | 1.8 | 26 |
| 31 | 0.1 | 5 |
| 32 | 0.7 | 15 |
| 33 | 0.2 | 5 |
| 34 | 0.2 | 8 |
| 35 | 2.0 | 3 |
| 36 | 0.5 | 4 |
| 37 | 0.2 | 3 |
| 38 | 0.3 | 12 |
| 39 | 0.4 | 17 |
| 40 | 0.2 | 9 |
| 41 | 0.4 | 6 |
| 42 | 15.0 | 13 |
| 43 | 2.0 | 32 |
| 44 | 0.3 | 4 |
| 45 | 0.6 | 7 |
| 46 | 0.6 | 0.7 |

APPENDIX II

LIST OF EMPLOYEES

PROSPECTORS (Collected samples from July 28 to
August 6, 1982)

David Bergvinson
24977 - 72nd Avenue
R.R. #3
Aldergrove, B.C.
VOX 1A0

Richard Merrill
P.O. Box 15
Atlin, B.C.
VOW 1A0

GEOLOGIST (Wrote report on June 24, 1983)

Terence M. Elliott
#309 - 6001 Yew Street
Vancouver, B.C.
V6M 3Y7

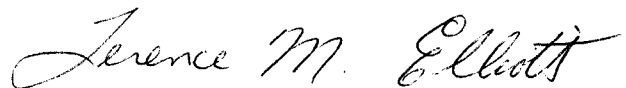
APPENDIX III

AUTHOR'S STATEMENT OF QUALIFICATIONS

I, Terence M. Elliott, of #309 - 6001 Yew Street,
Vancouver, British Columbia do hereby state that:

1. I am a graduate of the University of British Columbia, Canada with a Bachelor of Science Degree (with Honours) in Geology in 1967.
2. I am a graduate of Stanford University, California, USA with a Master of Science in Geology in 1973.
3. Since graduations I have been engaged in mining exploration in Yukon Territory, British Columbia, Montana and Washington State.
4. Although I did not visit the Pop claims, I have discussed the sampling program carried out in 1982 with David Bergvinson.
5. I have not received, nor do I expect to receive, any interest directly or indirectly in the properties or securities of Berglynn Resources.

Terence M. Elliott, B.Sc., M.S.



Whitehall, Montana

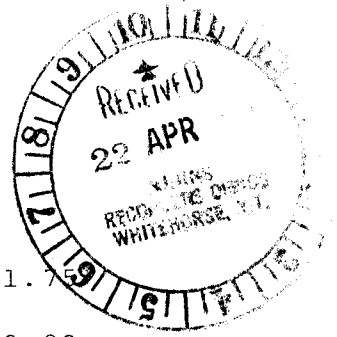
June 24, 1983

COST STATEMENT

July 28 - Aug. 6, 1982

POP #1-14 Claims

| | |
|--------------------|-------------------|
| Assaying | \$ 501.75 |
| Camp costs | 500.00 |
| Salaries and wages | 1,789.31 |
| Travel | <u>219.50</u> |
| | <u>\$3,010.56</u> |



091473