

1989

824092

RICHTER PROPERTY (PN 656)

G. Evans

Introduction

The Richter property consists of 212 units located between Oliver and Keremeos, B.C. The property covers an extensive area of Paleozoic volcanics and sediments intruded by Mesozoic plutons. In 1988 the property was staked to cover numerous multi-element heavy mineral anomalies. In 1989 the property was intensively examined with numerous alteration zones defined and potential drill targets identified.

1989 Program

- | | | |
|--------------|---|---|
| Geology | - | geological mapping of property at 1:10000 scale geological mapping of Testalinden and Ridge grids 26 km at 1:2500 |
| Geophysics | - | 580 km of A.E.M. survey 8 km of EM-17 on Testalinden Grid |
| Geochemistry | - | 310 soil samples on contour lines 1721 soil samples over grids 143 lithogeochemical rock samples 448 geochemical rock samples (81 panel samples, 49 channel samples) 8 thin sections |
| Linecutting | - | 42.15 km of grid (3 grids) |
| Trenching | - | 98 m of blasting on the albite zone (5 trenches) |

Results

The 1989 work revealed a complex geological package of rocks on the Richter property. The best understood style of mineralization to date is that in contact alteration zones peripheral to the Mesozoic intrusives. These strongly albite-altered zones (90%+) have extensive quartz stockworks with up to 15% sulphides (py, po, cpy) with gold values up to 6.8 g/t. Blasting of these oxidized zones indicates sulphides and gold values increase at depth. With widths up to 50 m and strike lengths in excess of 500 m these zones have good potential for large tonnage gold systems.

Numerous quartz veins over much of the property have impressive size potential and there is good potential for gold bearing Fairview type vein systems. Several soil anomalies are as yet unexplained and require more follow up work to find the bedrock sources. The three grid areas established in 1989 all have promising drill targets which can be tested in the near term.

Recommendations

1. Follow up recce soil anomalies
2. Map the Reed Lake Grid
3. Trench defined anomalous areas
4. Drill gold bearing albite zones and any new targets

PROJECT EXPENDITURE SUMMARY

1989

PROJECT NAME: **Richter**

PROJECT NO. **656**

GEOLOGY

| | | | |
|-------------------|----------|-----------------|-----|
| Salaries | \$28,286 | | |
| Travel Expenses | \$239 | | |
| Contract Payments | \$0 | | |
| Field Expenses | \$18,211 | | |
| Analyses | \$5,061 | \$51,797 | 27% |

GEOPHYSICS

| | | | |
|-------------------|----------|-----------------|-----|
| Salaries | \$0 | | |
| Travel Expenses | \$0 | | |
| Contract Payments | \$60,000 | | |
| Field Expenses | \$0 | \$60,000 | 31% |

GEOCHEMISTRY

| | | | |
|-------------------|----------|-----------------|-----|
| Salaries | \$15,336 | | |
| Travel Expenses | \$0 | | |
| Contract Payments | \$0 | | |
| Field Expenses | \$554 | | |
| Analyses | \$35,969 | \$51,858 | 27% |

DRILLING

| | | | |
|-------------------|-----|------------|----|
| Salaries | \$0 | | |
| Travel Expenses | \$0 | | |
| Contract Payments | \$0 | | |
| Field Expenses | \$0 | | |
| Analyses | \$0 | \$0 | 0% |

| | | | |
|-----------------------------|----------|--|----|
| <i>Line Cutting</i> | \$16,464 | | 8% |
| <i>Trenching</i> | \$2,961 | | 2% |
| <i>Hotels and Meals</i> | \$7,849 | | 4% |
| <i>Option Payments</i> | \$0 | | 0% |
| <i>Property Maintenance</i> | \$4,260 | | 2% |
| <i>Other</i> | \$0 | | 0% |

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|----------------------------------|--|------------------|--|
| TOTAL DIRECT EXPENDITURES | | \$195,189 | |
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