

82-#927 - #10773

ASSESSMENT REPORT

PONY I AND PONY IV CLAIMS

CLINTON MINING DIVISION

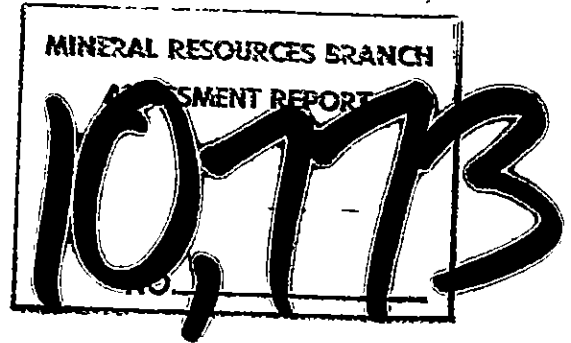
N.T.S. 92 0/7

LAT: 51°17' N

LONG: 122°32' W

OWNER: R. DUNN

OPERATOR: R. DUNN



KELOWNA, B.C.

January 14, 1983

CONSULTANT: C. FIPKE

AUTHOR: C. FIPKE
R. CAPELL

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INTRODUCTION

Location and Access

The PONY Group of claims is situated 5 km southwest of Blackdome Mountain, approximately 35 km southwest of Gang Ranch. At present the only practical access to the property is by helicopter. A 4-wheel drive road exists to the Blackdome property, and could probably be extended to the Pony property with relatively minimal expenditure. Figure 1 shows the location of the claims.

Property

The Pony Group consists of 30 contiguous metric claims consisting of Pony I: 10 units, and Pony IV: 20 units. The claims are adjacent to and to the southwest of the Blackdome gold and silver prospect. (Figure 2)

Topography and Climate

The Pony claims cover portions of a northwesterly trending ridge, bounded to the north and south by creek valleys. The topography is gently rolling along the ridgetops to moderately steep in the gulleys. Elevation is from 1600 - 2000 metres.

Vegetation varies from bare alpine meadows to fairly thick stands of pine and fir at lower elevations, with thick soil and brush in the creek bottoms.

The property lies within the interior dry belt so precipitation is relatively light and is generally snow free from June through September.

Work Previously Completed

During 1981 a heavy mineral sampling program was carried out in creek bottoms to try to locate extensions or similar gold-bearing veins to those at the adjacent Blackdome property. No exposures of quartz veins were seen but numerous sampling profiles in covered terrain were run perpendicular to the Blackdome vein trend.

PRESENT INVESTIGATION

Soil samples were collected on a line perpendicular to the projection of auriferous quartz veins present on the immediately adjacent Blackdome property to the northeast. It was hoped that these samples would show whether or not a possible extension of the Blackdome auriferous quartz system is present beneath the overburden cover on the Pony claims.

Geochemical Survey

Samples P1 - P23 ($\pm 5\frac{1}{2}$ Kg) were collected at a depth of 4" - 18" from predominantly glacial sediments with minor locally derived soil talus immediately below 3" - 4" of organic soil. The glacial sediments were too damp for sieving but most boulder and cobble size fragments were hand picked out. Samples P24 and P25 were orientation samples similarly collected downslope from the Blackdome gold deposit.

All samples were concentrated using heavy liquids and magnetic separations and the concentrates were geochemically analysed for gold and silver. Positions and analysis results for samples P1 - P23 are shown on Figure 3. Samples P24 and P25 are shown on Figure 2.

Conclusions

Gold is strongly anomalous in both samples from Blackdome but silver is only weakly anomalous in one of these samples. Perhaps either hypogene zonation or humic plant acids affect detrital native silver distribution.

Three strong and one weak gold anomalies as well as two weak silver anomalies occur on the Pony claims. As P1 and P2 are adjacent samples as opposed to being spot highs it is possible that these reflect locally covered mineralization. However similar samples should be collected up glaciation with the object of determining whether or not any of the anomalous mineralization detected is glacial derived.

APPENDIX AStatement of Expenditures

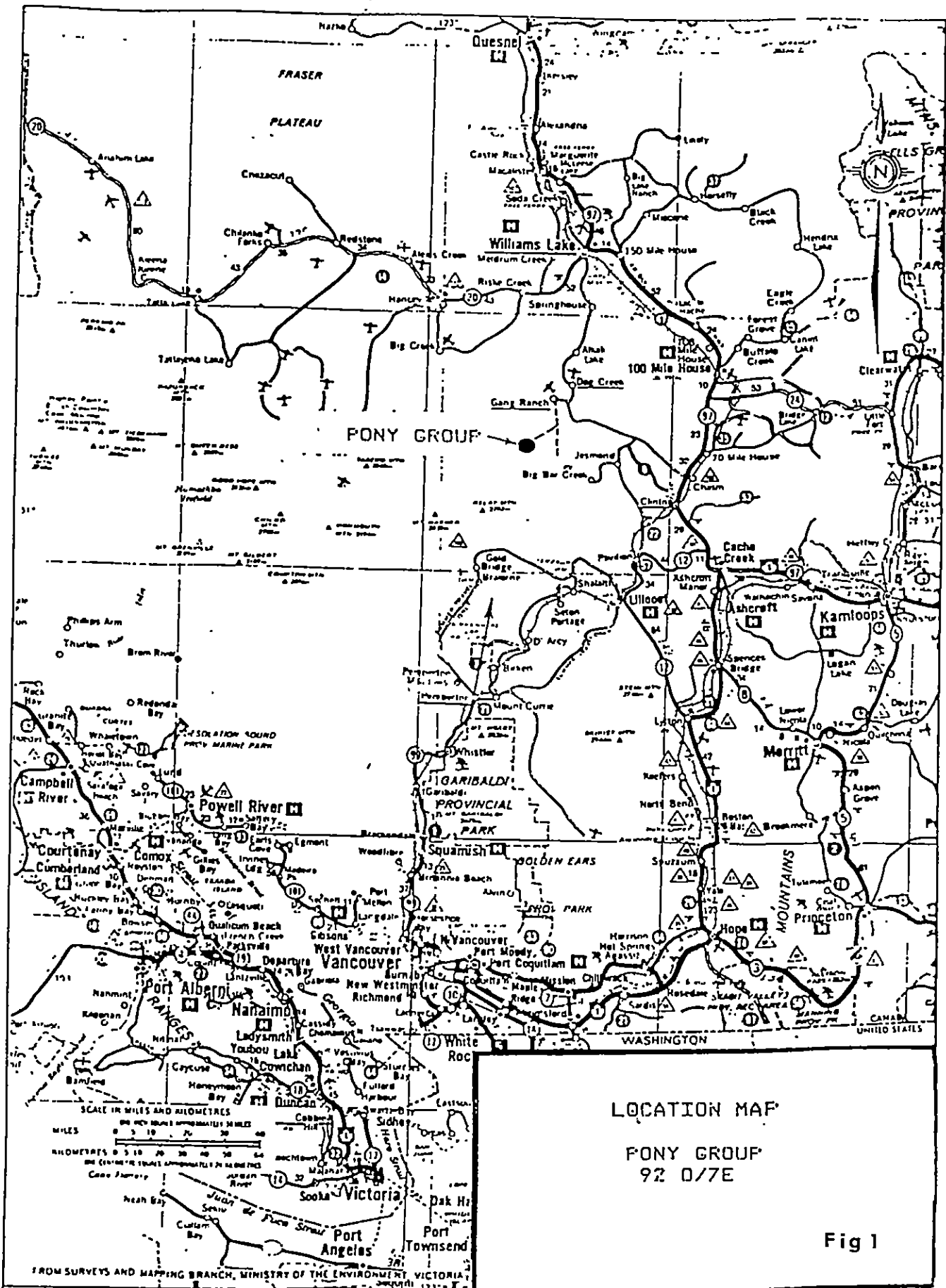
Technical salaries (Field and Travel)	\$ 239.40
Meals and lodging	\$ 84.76
Rental of 4-wheel Drive with winch	\$ 396.50
Helicopter transportation and support	\$1000.00
Gas and oil, including Helicopter fuel	\$ 249.68
Heavy mineral sample processing 25 samples	\$1294.07
Courier to Bondar and Clegg	\$ 8.00
Bondar and Clegg geochemical analysis 25 samples	\$ 245.75
Report preparation (Writing, drafting, typing)	
1 Day at \$300/man day + 14 hrs at \$10/hr	\$ 440.00
	<hr/>
TOTAL	\$3958.16

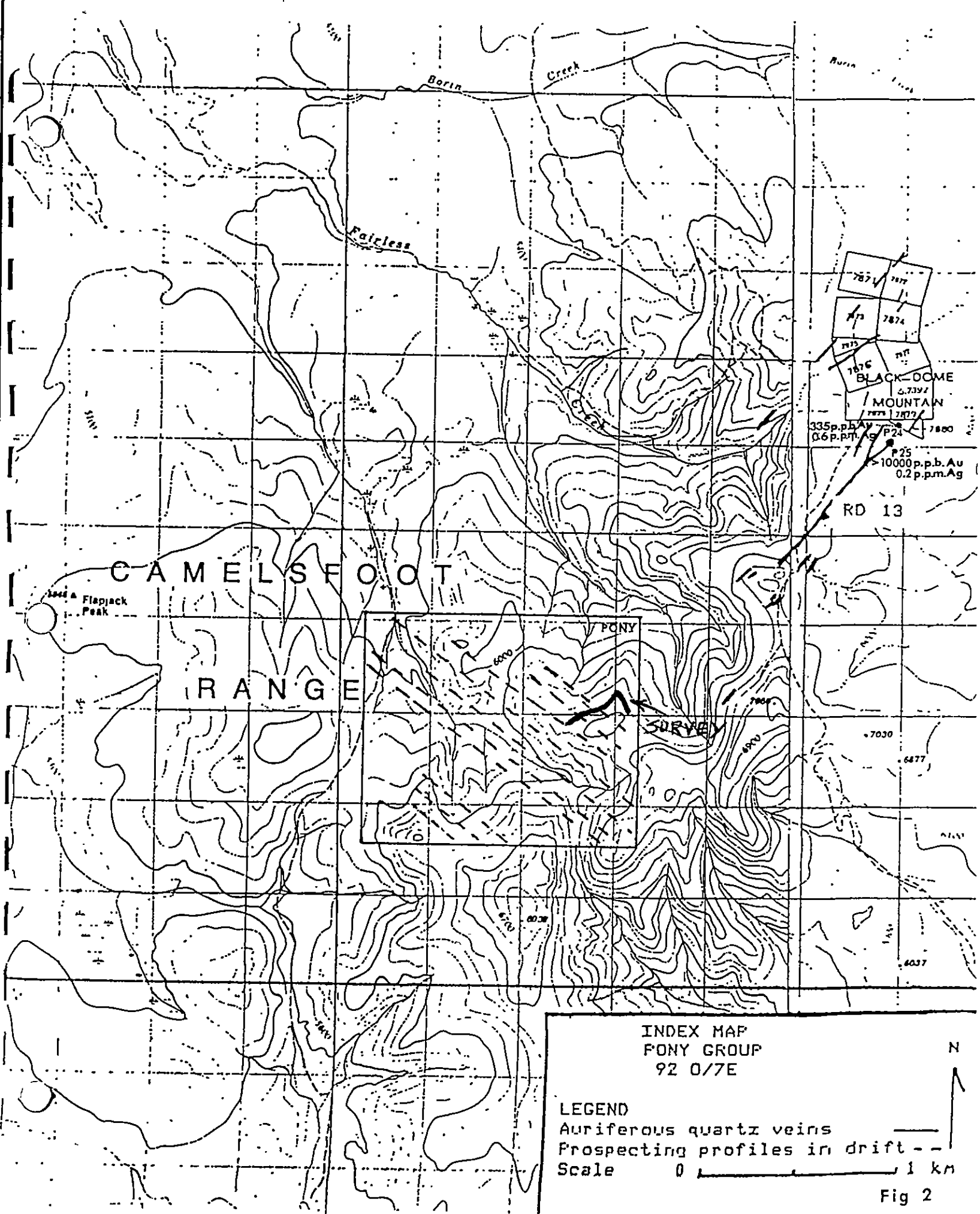
Please apply any excess credits granted to the PAC account of Richard Dunn.

APPENDIX BSTATEMENT OF QUALIFICATIONS

Mrs Rosemary Capell is a 1965 BSc graduate of University College of Rhodesia. Between 1966 and 1975 Mrs Capell worked for Anglo American in Rhodesia chiefly on base metal geochemistry.

C. Fipke is a BSc Honors Geology graduate of the University of British Columbia. Between 1970 and 1977, C. Fipke worked as a geologist involved to a large extent in heavy mineral exploration and research for Kennecott Copper in New Guinea, Samedan Oil in Australia, Johannesburg Consolidated Investments in Southern Africa and Cominco Ltd. in Brazil and British Columbia. C. Fipke and L.M. Fipke organized C. F. Mineral Research Ltd. in 1977. Currently the C.F. Mineral Research heavy mineral laboratory which employes 25 to 35 people is involved in heavy mineral exploration and processing on behalf of many international companies.





INDEX MAP
 PONY GROUP
 92 0/7E

LEGEND
 Auriferous quartz veins ———
 Prospecting profiles in drift - - -
 Scale 0 ——— 1 km

Fig 2

